

FOCUSED ON ENGINES



PROVEN MOTORSPORTS SUPPLIER FOR 28 YEARS

Designing, Engineering and Manufacturing technical components for the highest levels of racing in the world such as: Formula 1, IndyCar, NASCAR Sprint Cup, NASCAR Xfinity, NASCAR Camping World Truck, NHRA, Lucas Dirt Late Model Series, World of Outlaws, and for you!

CV Products is a privately held company with headquarters located in Thomasville, North Carolina. Clyde Vickers, a stock car driver, started purchasing and selling racing parts in High Point, North Carolina in 1988. For more than twenty five years, CV Products has been focused on supplying the racing industry with the best components across all forms of racing. Today, CV's focus is to be the #1 in engine racing products and manages multiple brands such as CV Racing Products, X2, Xceldyne, XTS, and other leading performance brands. Technical support capabilities that are available to our customers include AMC (Advanced Material Coatings) and Xceldyne Technologies divisions. CV Products strives to constantly introduce the latest technology to the racing industry through the development of the best engine components. We are dedicated to excellent, fast, dependable service and making customer satisfaction our #1 goal.



ASPHALT/OVAL DRIFT TRACK
DRAG RACING ROAD RACING
& MORE

FOCUSED ON ENGINES

28 YEARS SUPPLYING RACING ENGINE COMPONENTS



1988

CV was established to supply high end racing components to the NASCAR Racing Series.

1996

Mooreville location was added to supply high end racing components to Charlotte and Concord Race Teams.

1997

CV expanded and moved to its current location, 42 High Tech Boulevard.

1999

MMT (Motorsports Machine Technologies) was formed at 42 High Tech Boulevard.

Manufacturing components for racing teams

2003

MMT acquired Xceldyne Engineering, relocated from California - Business name changed to Xceldyne Technologies.

Manufacturing expanded to Titanium and other specialty alloys.

TOP ENGINE BUILDERS RELY ON CV PRODUCTS

"WE DEPEND ON CV PRODUCTS AND XCEL DYNE FOR ALL OF OUR VALVETRAIN NEEDS!"
- GM POWERTRAIN PERFORMANCE & RACING CENTER

"I CAN COUNT ON CV TO HELP ME WITH ALL MY ENGINE BUILDING NEEDS."
Andy Durham - DURHAM RACING ENGINES

"CV PRODUCTS CUSTOMER SERVICE & XCEL DYNE VALVES ARE SUPERIOR IN QUALITY TO ANYTHING ELSE IN THE MARKET."
Brett Nesbitt - NESBITT PERFORMANCE ENGINES

"CV HAS HIGH QUALITY PARTS AT A FAIR PRICE WITH THE BEST SERVICE IN THE INDUSTRY."
Charlie & Robert Long - LONG BROTHERS RACING

"WE USE CV PARTS BASED ON THEIR EXCELLENT TRACK RECORD AND THE EXTENSIVE RESEARCH & DEVELOPMENT THEY DO TO PROVIDE CONSISTENT HIGH QUALITY PARTS THAT ARE CRITICAL TO THE PERFORMANCE OF OUR ENGINES."
Glen Clements - CLEMENTS AUTOMOTIVE

"CV SUPPLIES THE BEST HARDCORE RACING PARTS. AN EXAMPLE IS THEIR XCEL DYNE VALVES WHICH ARE BY FAR THE BEST ON THE MARKET, NO OTHERS COMPARE!"
Gene Fulton - FULTON COMPETITION

"CV IS VERY COMMITTED TO PROVIDING PARTS THAT BOLT ON WITHOUT HAVING TO MAKE MODIFICATIONS WHILE WORKING AS INTENDED."
Scott Duggins - PAR RACE ENGINES

FOCUSED ON YOU

EXPERT ADVICE CUSTOMER FOCUSED COMPETITIVE PRICING



2006

AMC Coatings was formed. Offering Anodizing and Metal Finishing.
ISO9001 was achieved.



2008

XTS patented Thrust Bearing Assembly.
US Patent #7,331,319



2011
2012

2011 - ISO9001 was achieved for XcelDyne.
2012 - XcelDyne received AS9100C Certification.



2013

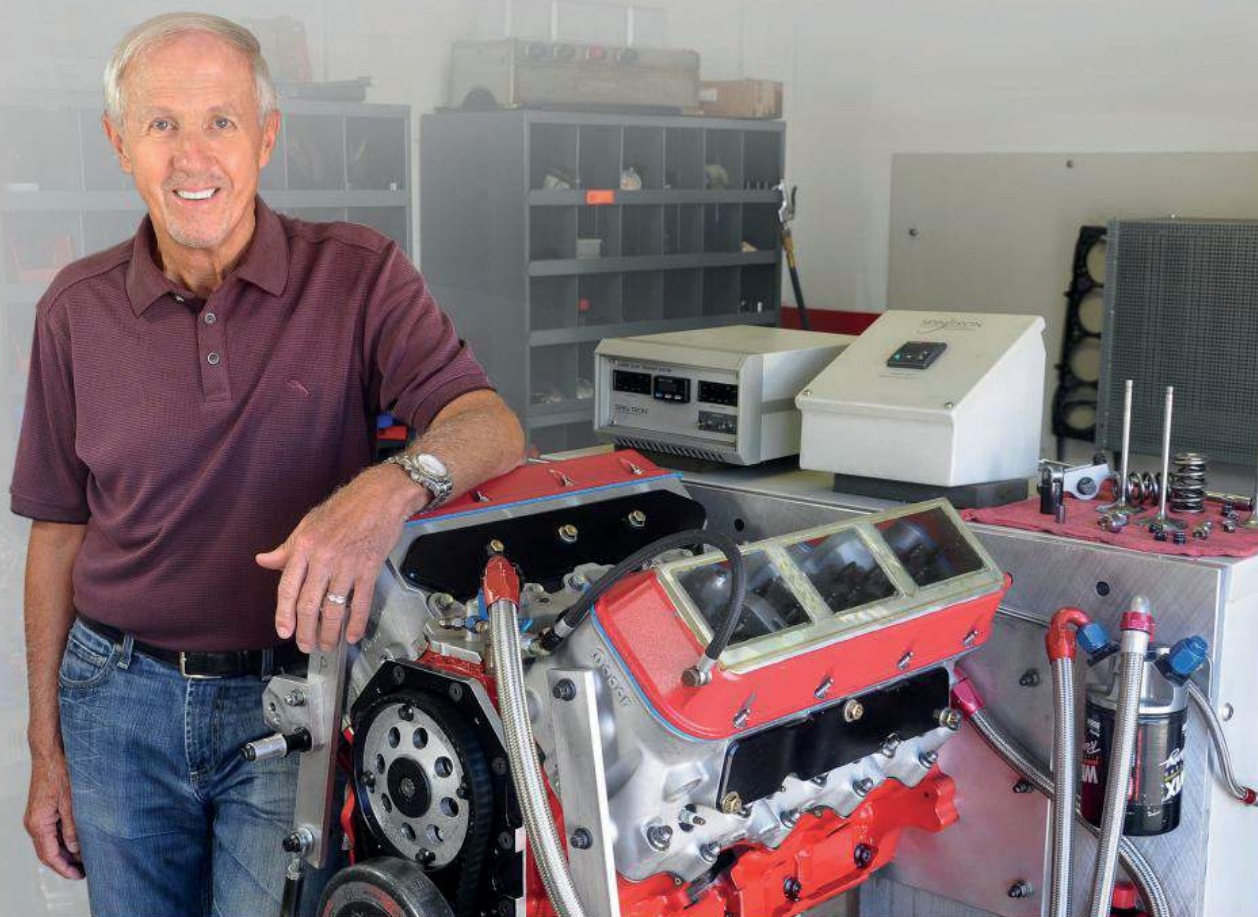
Cycra Racing Systems was acquired.
Expanded manufacturing into injection mold and thermoforming.



2015

AMC received NADCAP Certification.

CV PRODUCTS IS "FOCUSED ON ENGINES & FOCUSED ON YOU"



CV Products is "Focused on Engines & Focused on You". You may be wondering what exactly does this mean. It clearly means that if it goes in an engine or bolts on an engine then you can count on us to supply your needs, while providing only the best customer service in the industry. 2016 has been a throwback year in some regards; as the company's focus has returned to its heritage of supplying only the best in racing engine components.

I formed CV Products with the purpose of supplying the needs of racers with the priority on customer service. Today as we embark on our 28th year in business, the company is equipped with a staff that has over 1,000 combined years of experience in the motorsports industry serving engine builders and racers worldwide! With this level of experience; you can be confident in knowing that you can rely on the design, engineering, manufacturing, sales, marketing and the warehouse team to provide you with a product that is second to none.

I would like to thank you for your continued loyalty throughout the years!

Sincerely,

Clyde L. Vickers

Clyde Vickers
Founder





AMC

ADVANCED MATERIAL COATINGS

FINISHING SOLUTIONS FOR ALL INDUSTRIES

AUTOMATED ANODIZING FACILITY OFFERING
CONSISTENT PROCESSING BATCH AFTER BATCH

NADCAP CERTIFIED COATING FACILITY



- Responsive Service
- MIL-A-8625 Anodizing
 - Type 2 (Standard Colors: Black, Blue, Red, Gold, Orange & Clear)
 - Custom Colors Available
 - Type 3 Hard Coat
 - Clear & Black Only



- MIL-DTL-5541 Chromate
- Specializing in Job Shop/Custom Racking
- Federal Fire Arm License
- On-Site Chemical Engineer



QUALITY POLICY

The management and employees of AMC are committed to customer satisfaction by producing and continually improving safe, reliable products that meet or exceed customer and regulatory requirements.



RACING INNOVATION BECOMES REALITY

CV BRANDED COMPONENTS OFFER SOLUTIONS WITH REAL VALUE

For over 25 years, CV has been producing and sourcing the finest components for multiple forms of racing. We have pioneered the industry with leading solutions for racing such as: front drive systems, a wide array of pulleys and oil pump gears, mechanical fuel pumps, remote oil filter mounts and fluid controlled systems.



CHAMPIONSHIP WINNING BELT DRIVES

OFFERING TWO LEVELS OF PERFORMANCE: ELITE & PRO SERIES

The Elite Series features the patented technology of a friction reduction roller thrust bearing that is preferred due to ease of assembly and is the standard for the NASCAR Sprint Cup Engine Builders. The Pro Series uses a traditional thrust bearing assembly, which offers performance with value. Both systems utilize a patented carbon-fiber compound belt with leading belt tooth technology. Made in USA.



WORLD CLASS TECHNOLOGY

THE BEST IN RACING VALVETRAIN

Xceldyne is committed to providing superior reliability and performance through the finest R&D, Engineering, Manufacturing, Quality Control and Customer Service available to motorsports professionals today. Xceldyne is AS9100C Certified Manufacturing facility.

Since 2003, Xceldyne valves and valvetrain components have been used throughout the world; from the extreme limits of Formula 1, the rolling thunder of NASCAR, the hair raising excitement of NHRA, the twists and turns of road racing, on the edge sprint car and dirt late model. The brand offers only the best in titanium valves, roller lifters, lash caps, retainers, spring locators, valve guides, valve locks, valve seats along with offering custom manufacturing capabilities. This uncompromising technology and performance is available to engine builders at all levels of motorsports.

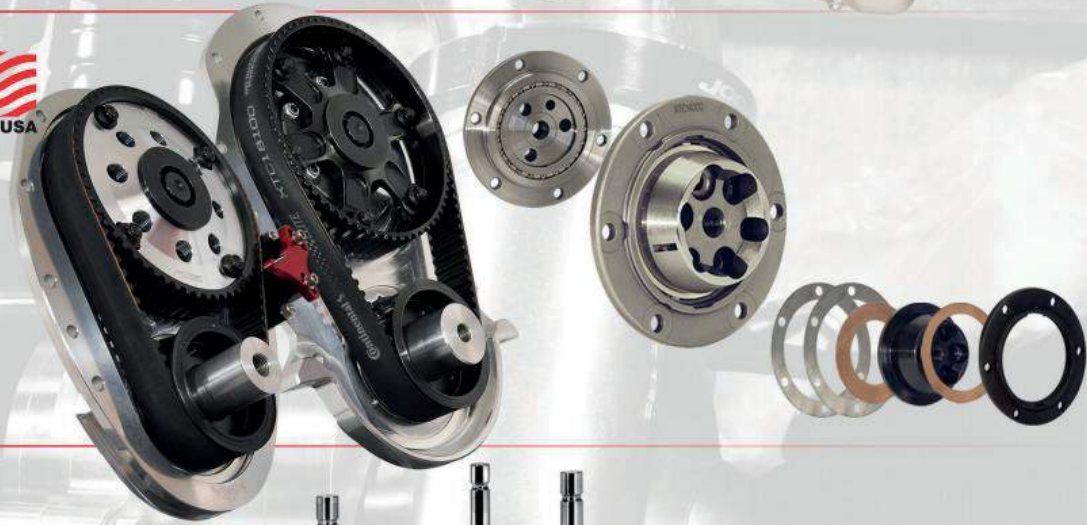
An established racing heritage and first-hand knowledge has been combined with superior dedication to the customer to create a tradition of service unparalleled in the industry. Around the world, championship racing teams rely on Xceldyne!



SUPERIOR PERFORMANCE, EXCEPTIONAL VALUE

VALVETRAIN WITH VALUE

X2 valves and Valvetrain are derived from Xceldyne, the leader in world class racing valvetrain components. Built with the quality and engineering you've come to expect from Xceldyne's successful racing heritage at Extraordinary Value! Introducing a new line of stainless steel valves with extraordinary features, tightest tolerances, finish materials and best finishes.



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MISCELLANEOUS

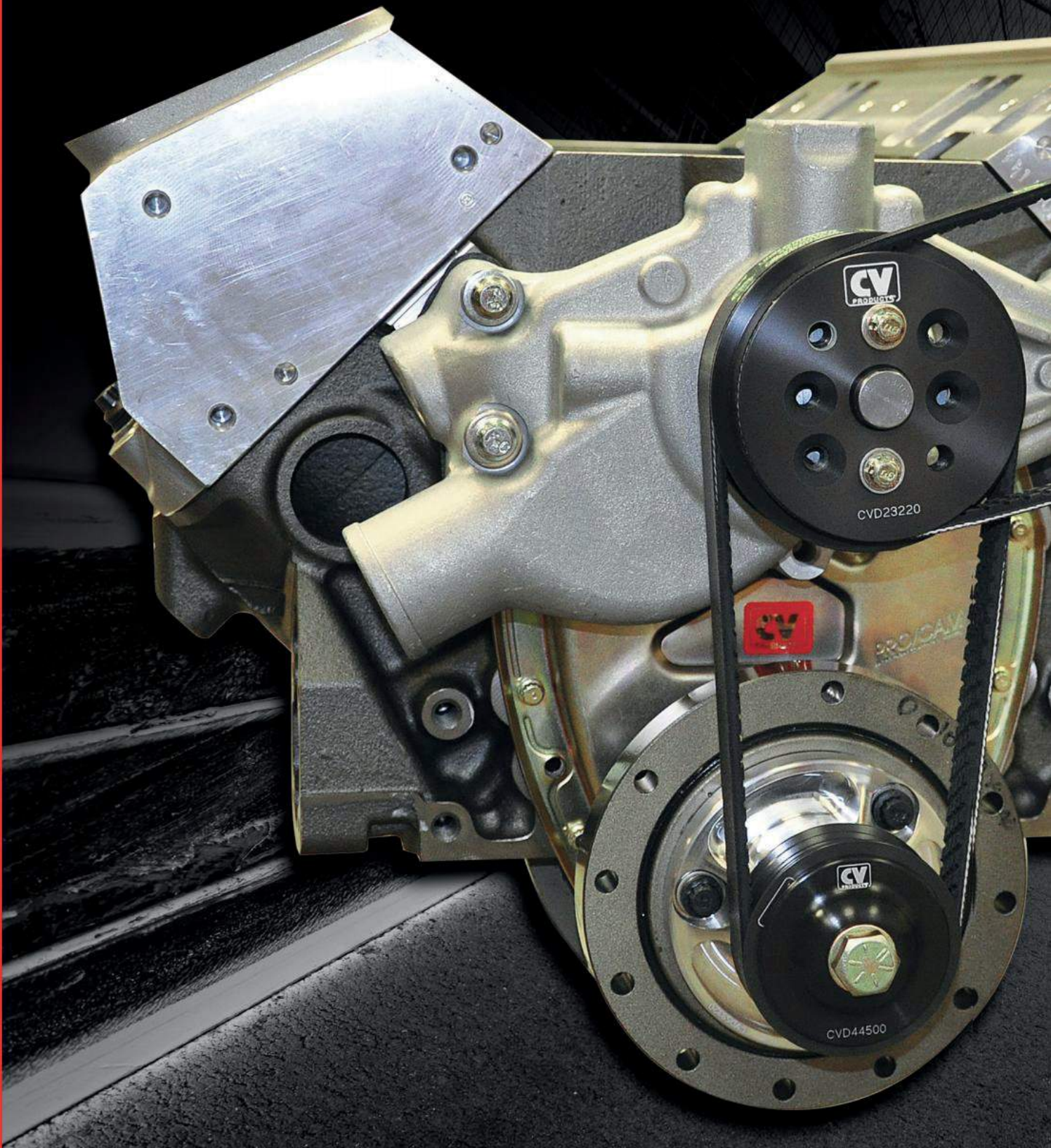
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ACCESS TO COMPLETE PRODUCT LINE AVAILABLE

CONTACT YOUR CV SALES REP FOR MOST UP TO DATE VENDOR LIST





WE HAVE ALWAYS BEEN IN THE ACCESSORY DRIVE BELT BUSINESS

- CV pioneered the billet/hard coated pulley market for the NASCAR engines.
- The CV pulley became widely popular and were present on every engine in varying diameters.
- CV partnered with Goodyear on the development of engine drives that are stable beyond 10,000 RPM.
- The partnership resulted in sharing of information which lead to the CV pulleys and Continental belt becoming a matched set.
- This new technology was validated on our Spintron along with reports of increased engine power and off the corner performance enhancement demonstrating the level of quality that CV is known for in the Performance Racing Industry.
- Today, CV manufactures Serpentine and V-Belt pulleys and drives for dirt or asphalt oval track racers.
- Our mechanical fan drive is popular among the dirt market due to the power output and the hard coated 6061-T6 pulleys ability to handle the harsh conditions of the dirt track.



Continental Elite® Poly-V® Belts with Quiet Channel Technology™

As times change, so do design and innovation, especially when it comes to Elite® Poly-V® Belts

Elite® Poly-V® Belts have evolved into quieter, longer-lasting belts, which proves change is good. With change comes even more opportunities, like the many benefits associated with buying the Elite® brand:

- › Excellent coverage - more than 98% of vehicles in operation
- › Membership in Elite® RPM™ rewards installers for every Poly-V® belt purchased and installed.
- › Great brand recognition



Original Belt Construction

- › Straight-ribbed design prone to high noise and slippage
- › Inferior design and material makeup

1990s Construction

- › Sequential helicog design reduces noise and slippage
- › Treated for improved wear resistance

Elite® Poly-V® Belts with Quiet Channel Technology™

Advanced variable cog design practically eliminates noise and slippage

- › Greater wear resistance
- › Exceptional belt life
- › Runs quieter than previous construction
- › Fiber-loaded backing with additional cord support improves flexibility and reduces heat build-up
- › Used on today's stock cars

CV ENGINE DRIVE SYSTEMS
FEATURE CONTINENTAL BELT
TECHNOLOGY



Continental Elite® Belts Your Quiet Driver

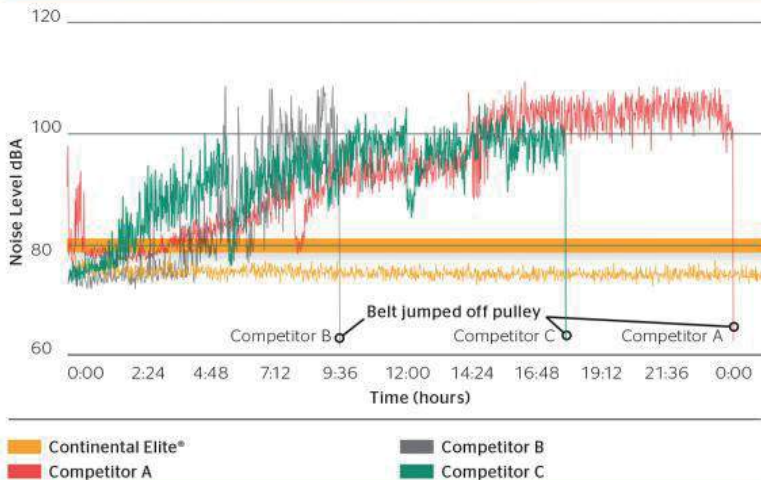
Not all belts are created equal

When it comes to drives, you want things quiet. The unique rubber compound found in our Continental Elite® belts ensures a smooth, quiet drive on almost any vehicle on the road today. That's why it's known as "The Quiet Belt".

To prove it, we performed a series of noise tests on our Continental Elite® belt and three other leading brands. The graph below shows how Continental Elite® outperformed the competition each and every time, delivering a quiet ride for 100% of the 24-hour testing period.

Noise Test

(80 dBA is the standard maximum acceptable noise level in automobiles)



CVD93306 SERIES

SBC 5 RIB SERPENTINE DRIVE PULLEY KIT

BUILT OR CRATE ENGINE (LIMITED RPM) W/MECHANICAL FAN - 28.5% REDUCTION



CVD93306

PART #	DESCRIPTION	QTY.
CVD23220	Water Pump Pulley	1
CVD33220	Crank Pulley	1
CVD53320	SBC Pro Drive Hub	1
CVD40208	Locator Tab 7/16" Hole	1
CVD44500	Hat Washer	1
CVD43220	Crank Hub Spacer .250" Thick	1
BLTCL	3/8" AN Washer	3
BLTEL	1/2" AN Washer Zinc Coated	2
BLTDL	7/16 AN Washer	1
BLTEF2.250B	1/2"-20 x 2-1/4" LG.	1
BLTCC1.250A	3/8"-16 x 1-1/4" Allen Bolt	3
BLTCF1.250C	3/8"-24 x 1-1/4" Allen Bolt	3
BLTEF1.750B	1/2"-20 x 1-3/4" LG.	1
BLTDF2.250B	7/16"-20 x 2-1/4" 6pt.	1
BLTCF1.250A	Sub for (3) BLTCF1.250C	3
4050239Y	NASCAR Serpentine Belt	1

CVD96306* (Basic Kit)

SBC 5-RIB CRANK W/P DRIVE, P/S FAN DRIVE KIT - 28.5% W/P REDUCTION

PART #	DESCRIPTION	QTY.
CVD23220	Water Pump Pulley	1
CVD33220	Crankshaft Pulley	1
CVD53320	SBC Pro Drive Hub	1
CVD45232	Locator Tab 7/16" Hole	1
CVD44500	Hat Washer	1
CVD43220	Crank Hub Spacer .250" Thick	1
4050239Y	NASCAR Poly V-Belt	1

*NOTE: Kit excludes: P/S Pulley & Hardware.

Designed to meet the needs of limited RPM Late Model dirt engines or any SBC engine with a mechanical fan and remote power steering pump. This setup uses Continental belts that replace the conventional V-Belt dirt drive system. All of our pulley drive kits are designed in conjunction with Continental engineers for minimal belt drag and the lightest weight for decreased rotating mass and maximum horsepower gains. All CV Racing Products' Drive Pulleys are hard coated for durability and extended service life in the harsh racing environment. The basic kit CVD93306 comes with a water pump pulley, crank pulley, mounting bolts and a Continental Elite racing belt. As with all of our CVD Drive Kits, the CVD93306 is available in several configurations tailored to meet your individual needs. See the upgrade components listed below for additional ready to race components to fit your needs. This kit has a 28.5% water pump reduction ratio.

UPGRADE COMPONENTS

WATER PUMP COMPONENTS

PART #	DESCRIPTION	QTY.
CVWP5795	Water Pump	1

BELTS

PART #	DESCRIPTION	QTY.
4030280Y	NASCAR Serpentine 28.0" 3-Rib Belt	1

FUEL PUMP COMPONENTS

PART #	DESCRIPTION	QTY.
SPIN-MP-5048	-8IN, -8OUT	1

POWER STEERING COMPONENTS

PART #	DESCRIPTION	QTY.
CVD75305	3-Rib Power Steering Pulley 3.900"	1
CVD75000	P/S Pulley Hub Adapter	1
CV222-SBC-LTW	SBC Lightweight Head Mount	1
CV222-NUT	P/S Bracket Adjusting Nut	1
SPIN-PS-231NP	Short Track Pump	1
CV4250	Power Steering Reservoir Kit	1
EXT4251	Xtreme Synthetic P/S Fluid 1qt.	1

CVD93307 SERIES

SBC 5 RIB SERPENTINE DRIVE PULLEY KIT

CRATE ENGINE (LIMITED RPM) W/MECHANICAL FAN - 6.5% REDUCTION

**OPTIONAL:**

Water Pump
Shown with CVWP5795
Water Pump

CVD93307 Kit
(shown with upgrade components)

CVD93307

PART #	DESCRIPTION	QTY.
CVD23220	Water Pump Pulley	1
CVD33308	Crank Pulley	1
CVD53420	SBC X-Light Drive Hub	1
CVD40208	Locator Tab	1
CVD44500	Hat Washer	1
CVD43220	Crank Hub Spacer .250" Thick	1
BLTCL	3/8" AN Washer	3
BLTEL	1/2" AN Washer Zinc Coated	1
BLTDL	7/16" AN Washer	1
BLTCC1.250A	3/8"-16 x 1-1/4" Allen Bolt	3
BLTDF2.250B	7/16"-20 x 2-1/4" 6pt.	1
BLTCF1.250C	3/8" x 1.25" Allen Bolt	3
BLTEF2.250B	1/2"-20 x 2-1/4" LG.	1
BLTEF1.750B	1/2"-20 x 1-3/4" LG.	1
4050253Y	NASCAR Serpentine Belt	1

CVD93307 KIT



CVD93307 is designed to meet the needs of SBC Crate engines or any SBC engine with a mechanical fan and remote power steering pump. This drive system works well with crate engines. SBC Crate engines prefer a water pump speed closer to crank speed. This drive has a 6.5% water pump speed reduction. All of our pulley drive kits are designed in conjunction with Continental engineers for minimal belt drag and the lightest weight for decreased rotating mass and maximum horsepower gains. All CV Racing Products' Drive Pulleys are hard coated for durability and extended service life in the harsh racing environment. The CVD93307 has a lower rotating inertia, is lighter weight than conventional V-Groove pulleys, and the drive has a self-cleaning design perfect for use in dirt applications. This drive is recommended for use with an adjustable water pump for belt tensioning. The basic kit CVD93307 comes with a water pump pulley, crank pulley, mounting bolts and a Continental Elite racing belt. As with all of our CVD Drive Kits, the CVD93307 is available in several configurations tailored to meet your individual needs. See the upgrade components listed below for additional ready to race components to fit your needs.

UPGRADE COMPONENTS

WATER PUMP COMPONENTS

PART #	DESCRIPTION	QTY.
CVWP5795	Water Pump	1

BELTS

PART #	DESCRIPTION	QTY.
4030280Y	NASCAR Serpentine 28.0" 3-Rib Belt	1

FUEL PUMP COMPONENTS

PART #	DESCRIPTION	QTY.
SPIN-MP-5048	-8IN, -8OUT	1

POWER STEERING COMPONENTS

PART #	DESCRIPTION	QTY.
CVD75305	3-Rib Power Steering Pulley 3.900"	1
CVD75000	P/S Pulley Hub Adapter	1
CV222-SBC-LTW	SBC Lightweight Head Mount	1
CV222-NUT	P/S Bracket Adjusting Nut	1
CV4250	Power Steering Reservoir Kit	1
SPIN-PS-231NP	Short Track Pump	1
EXT4251	Xtreme Synthetic P/S Fluid 1qt.	1
CV22223-8	1.330 x .392" x .742" Spacers	3

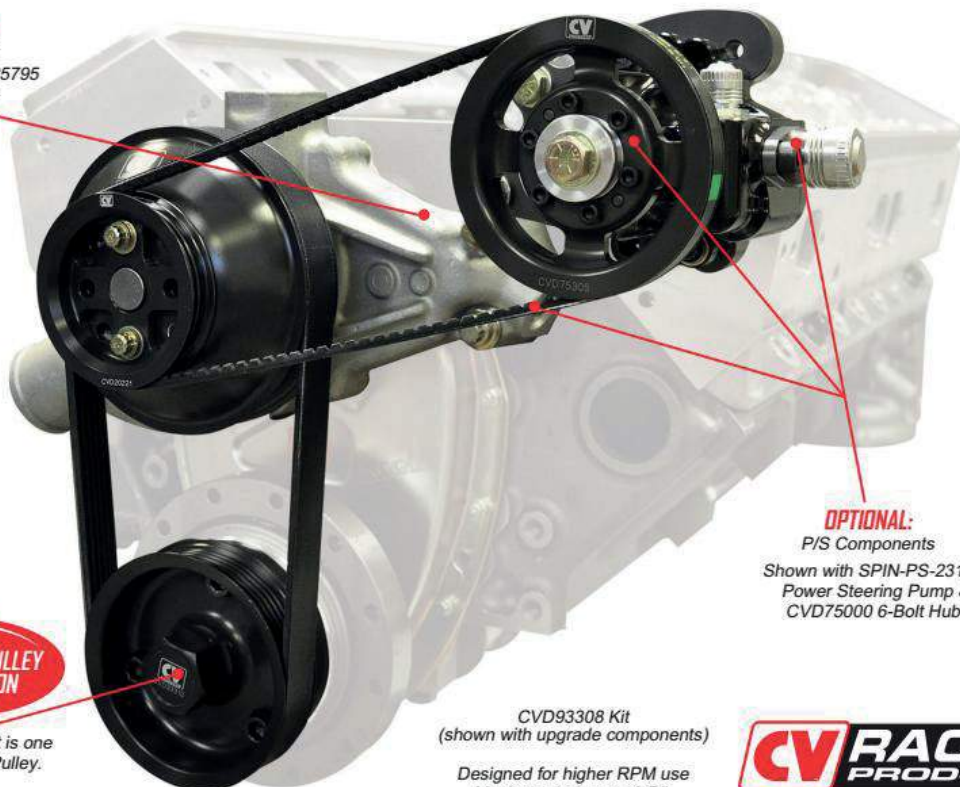
CVD93308 SERIES

SBC 6 RIB SERPENTINE DRIVE PULLEY KIT

BUILT OR CRATE ENGINE - 18% REDUCTION

(Kit designed for use with a crank trigger.
For use w/o cranktrigger, use
CVD40215 Crank pulley Spacer.)

OPTIONAL:
Water Pump
Shown with CVWP5795
Water Pump



**NEW CRANK PULLEY
COMING SOON**

Hex Crank Snout is one
piece with the Pulley.

OPTIONAL:
P/S Components

Shown with SPIN-PS-231NP
Power Steering Pump &
CVD75000 6-Bolt Hub.

CVD93308 Kit
(shown with upgrade components)

Designed for higher RPM use
Maximum belt wrap 6 Rib



CVD93308

PART #	DESCRIPTION	QTY.
CVD23310	6-Rib Water Pump Pulley	1
CVD33310*	6-Rib Crank Pulley	1
CVD40208	Locator Tab	1
BLTCL	3/8" AN Washer	3
BLTDL	7/16" AN Washer	1
BLTBL	5/16" AN Washer	4
BLTDF2.250B	7/16"-20 x 2-1/4" 6pt.	1
BLTCC2.250C	3/8" x 2.25" Allen Bolt	3
BLTBF.750A	5/16"-24 x 3/4" 12pt.	4
4060285DY	NASCAR Serpentine Belt 6 RIB 1	

*NOTE: NEW Crank Pulley Coming Soon

Designed to meet the needs of high RPM Late Model dirt engines with a mechanical fan. High RPM race engines that require a mechanical fan for cooling require a 6 rib serpentine belt. The water pump speed is increased over the CVD93306 drive as these 800+ HP engines cool better with increased water pressure from the pump. This drive was designed for crank triggers that use a .250" thick wheel (see note above). The effective six rib configuration provides maximum belt wrap to eliminate slippage of the fan drive pulley and promote efficient cooling. An adjustable water pump is recommended although not a necessity. The basic kit CVD93308 comes with a water pump pulley, crank pulley, mounting bolts and Continental Elite racing belt. See the upgrade components listed below for additional ready to use components to fit your needs.

UPGRADE COMPONENTS

WATER PUMP COMPONENTS

PART #	DESCRIPTION	QTY.
CVWP5795	Water Pump	1

BELTS

PART #	DESCRIPTION	QTY.
4030260Y	NASCAR Serpentine 26.0" 3-Rib Belt	1

FUEL PUMP COMPONENTS

PART #	DESCRIPTION	QTY.
SPIN-MP-5048	-8IN, -8OUT	1

POWER STEERING COMPONENTS

PART #	DESCRIPTION	QTY.
CVD20304	P/S Drive Pulley	1
CV22224-18	1.820" x .392" x .742" Spacers	3
CVD75305	3-Rib Power Steering Pulley 3.900"	1
CVD75000	P/S Pulley Hub Adapter	1
CV222-SBC-LTW	SBC Lightweight Head Mount	1
CV222-NUT	P/S Bracket Adjusting Nut	1
CV4250	Power Steering Reservoir Kit	1
SPIN-PS-231NP	Short Track Pump	1
EXT4251	Xtreme Synthetic P/S Fluid 1qt.	1

CVD93220 SERIES

SBC LATE MODEL, LATE MODEL STOCK SERPENTINE DRIVE PULLEY KIT

BUILT OR CRATE ENGINE, HEAD MOUNT P/S - 28.5% REDUCTION

(NOT RECOMMENDED FOR MECHANICAL FANS)



OPTIONAL:
Alternator Components
Shown with Powermaster
93mm Alternator

OPTIONAL:
Water Pump
Shown with
CVWP5795 Water Pump

OPTIONAL:
P/S Components
Kit has Power Steering
Pulley Only

CV RACING PRODUCTS

CVD93220 KIT



CVD93220 Kit
(shown with upgrade components)

CVD93220

PART #	DESCRIPTION	QTY.
CVD23220	Water Pump Pulley	1
CVD33220	Crank Pulley	1
CVD53420	X-Light SBC Drive Hub	1
CVD43220	Crank Hub Spacer	1
CVD73220	Power Steering Pulley	1
CVD40208	Locator Tab	1
CVD44500	Hat Washer	1
BLTCL	3/8" AN Washer	3
BLTEL	1/2" AN Washer	1
BLTBL	5/16" AN Washer	4
BLTDL	7/16" AN Washer	1
BLTEF1.750B	1/2"-20 x 1-3/4" LG.	1
BLTEF2.250B	1/2"-20 x 2-1/4" LG.	1
BLTCC1.250A	3/8"-16 x 1-1/4" Aleen Bolt	3
BLTBF.750A	5/16"-24 x 3/4" 12pt.	4
BLTCF1.250A	3/8"-24 x 1.250" 12pt.	3
BLTDF2.250B	7/16"-20 x 2-1/4" 6pt.	1
4050385Y	NASCAR Serpentine Belt	1

CVD96220* (Basic Kit)

SBC 5-RIB CRANK W/P KIT - 30% W/P REDUCTION

PART #	DESCRIPTION	QTY.
CVD23220	Water Pump Pulley	1
CVD33220	Crankshaft Pulley	1
CVD53440	X-Tra Light Drive Hub	1
CVD44500	Hat Washer	1
CVD40208	Locator Tab 7/16" Hole	1
4050385	Serpentine Belt 38.5"	1

*NOTE: Kit excludes: P/S Pulley & Hardware. Includes different Drive Hub & Basic Belt.

CV Racing Products' CVD93220 Serpentine Drive Pulley Kit comes in several configurations to fit every racers needs, whether you only need the basic pulley kit or everything from the engine block forward. The basic kit CVD93220 comes with the water pump pulley, crank pulley, power steering pulley, crank hub, mounting hardware and Continental Elite racing belt. All of our pulley drive kits are designed in conjunction with Continental engineers for minimal belt drag and the lightest weight for decreased rotating mass and maximum horsepower gains. All CV Racing Products' Drive Pulleys are hard coated for durability while extending service life in the harsh racing environment. This kit has a 28.5% water pump reduction ratio. See the upgrade components listed below for additional ready to race components to fit your needs.

UPGRADE COMPONENTS

WATER PUMP COMPONENTS		
PART #	DESCRIPTION	QTY.
CVWP5795	Water Pump	1

ALTERNATOR COMPONENTS		
PART #	DESCRIPTION	QTY.
PM8162	50A Alternator	1
PM8182	75A Alternator	1
CV32200	93mm SBC Alternator Mount Kit	1
CVD60220	Denso 3-Rib 2.700" Pulley 32% Reduction	1

BELTS		
PART #	DESCRIPTION	QTY.
4030250Y	NASCAR Serpentine 25.0" 3-Rib Belt	1

POWER STEERING COMPONENTS		
PART #	DESCRIPTION	QTY.
CV222-SBC-LTW	SBC Lightweight Head Mount	1
CV222-NUT	P/S Bracket Adjusting Nut	1
CV32200-3	P/S Mount Spacer .750"/.392" ID/.742" OD	3
CV4250	Power Steering Reservoir Kit	1
SPIN-PS-231NP	Short Track Pump	1
EXT4251	Xtreme Synthetic P/S Fluid 1qt.	1

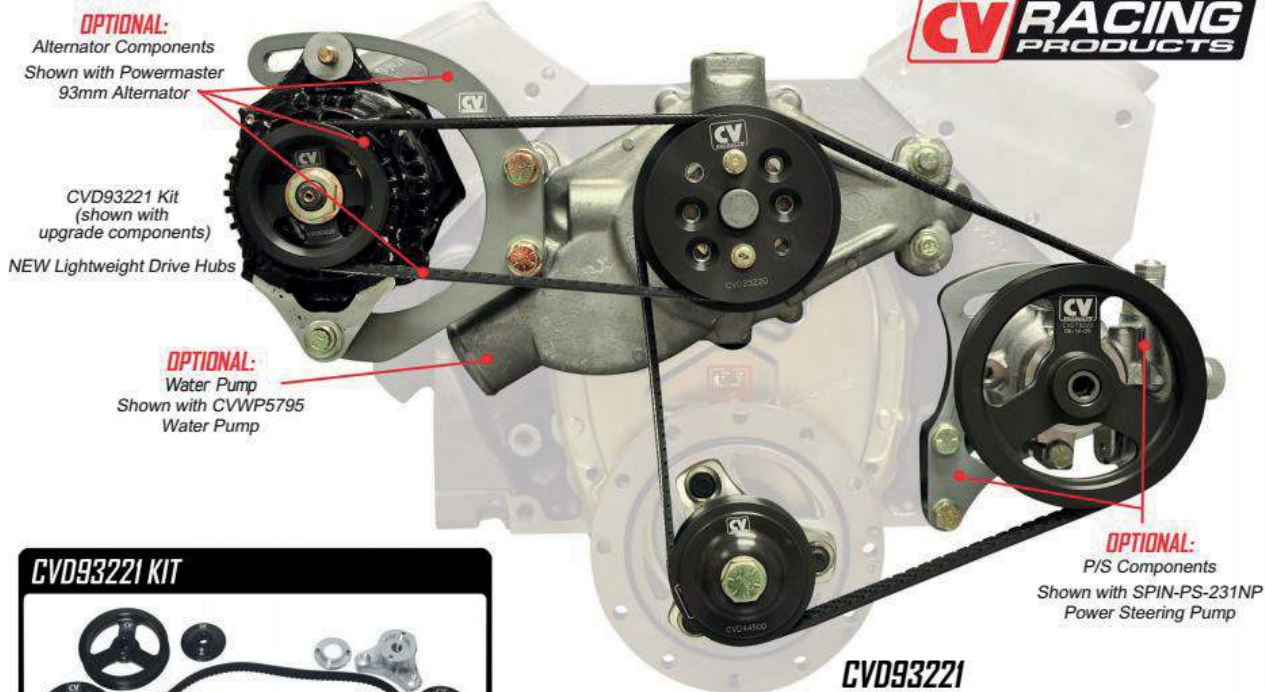
FUEL PUMP COMPONENTS		
PART #	DESCRIPTION	QTY.
SPIN-MP-5048	-8IN, -8OUT	1

CVD93221 SERIES

SBC LATE MODEL, LATE MODEL STOCK SERPENTINE DRIVE PULLEY KIT

BUILT OR CRATE ENGINE, LOW BLOCK MOUNT P/S- 28.5% REDUCTION

(NOT RECOMMENDED FOR MECHANICAL FANS)



CVD93221 KIT



CVD96221* (Basic Kit)

SBC 5-RIB CRANK W/P KIT - 30% W/P REDUCTION

PART #	DESCRIPTION	QTY.
CVD23220	Water Pump Pulley	1
CVD33220	Crankshaft Pulley	1
CVD53440	X-Tra Light Drive Hub	1
CVD44500	Hat Washer	1
CVD40208	Locator Tab 7/16" Hole	1
4050335	Serpentine Belt 33.5"	1

*NOTE: Kit excludes: P/S Pulley & Hardware. Includes different Drive Hub & Basic Belt.

CVD93221

PART #	DESCRIPTION	QTY.
CVD23220	Water Pump Pulley	1
CVD33220	Crank Pulley	1
CVD53420	SBC X-Light Drive Hub	1
CVD43220	Crank Hub Spacer	1
CVD73220	Power Steering Pulley	1
CVD44500	Hat Washer	1
CVD40208	Locator Tab 7/16" Hole	1
BLTCL	3/8" AN Washer	3
BLTEL	1/2" AN Washer	1
BLTBL	5/16" AN Washer	4
BLTDL	7/16" AN Washer	1
BLTEF1.750B	1/2"-20 x 1-3/4" LG.	1
BLTEF2.250B	1/2"-20 x 2-1/4" LG.	1
BLTCC1.250A	3/8"-16 x 1-1/4" Allen Bolt	3
BLTBF.750A	5/16"-24 x 3/4" 12pt.	4
BLTCF1.250C	3/8" x 1.25" Allen Bolt	3
BLTDF2.250B	7/16"-20 x 2-1/4" 6pt.	1
4050335Y	NASCAR Serpentine Belt	1

CV Racing Products' CVD93221 Serpentine Drive Pulley Kit comes in several configurations to fit every racers needs, whether you only need the basic pulley kit or everything from the engine block forward. The basic kit CVD93221 comes with the water pump pulley, crank pulley, power steering pulley, crank hub, mounting hardware and Continental Elite racing belt. All of our pulley drive kits are designed in conjunction with Continental engineers for minimal belt drag and the lightest weight for decreased rotating mass and maximum horsepower gains. All CV Racing Products' Drive Pulleys are hard coated for durability while extending service life in the harsh racing environment. This kit has a 28.5% water pump reduction ratio. See the upgrade components listed below for additional ready to race components to fit your needs.

UPGRADE COMPONENTS

WATER PUMP COMPONENTS

PART #	DESCRIPTION	QTY.
CVWP5795	Water Pump	1

ALTERNATOR COMPONENTS

PART #	DESCRIPTION	QTY.
PM8162	50A Alternator	1
PM8182	75A Alternator	1
CV32200	93mm SBC Alternator Mount Kit	1
CVD60220	Denso 3-Rib 2.700" Pulley 32% Reduction	1

BELTS

PART #	DESCRIPTION	QTY.
4030250Y	NASCAR Serpentine 25.0" 3-Rib Belt	1

POWER STEERING COMPONENTS

PART #	DESCRIPTION	QTY.
CVD73220	5-Rib Power Steering Pulley	1
CV3224	SBC Low Mount P/S Kit	1
CV4250	Power Steering Reservoir Kit	1
SPIN-PS-231NP	Short Track Pump	1
EXT4251	Xtreme Synthetic P/S Fluid 1qt.	1

FUEL PUMP COMPONENTS

PART #	DESCRIPTION	QTY.
SPIN-MP-5048	-8IN, -8OUT	1

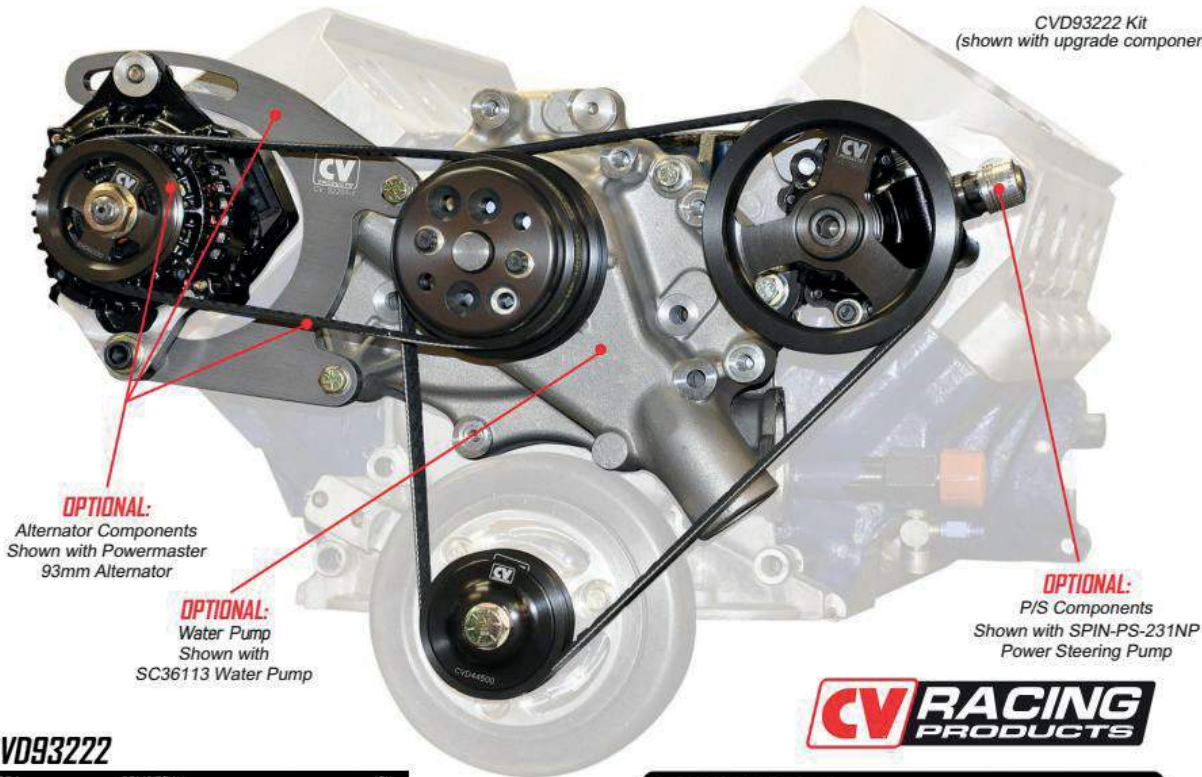
CVD93222 SERIES

SBF 351 SERPENTINE DRIVE PULLEY KIT

HEAD MOUNT P/S 9.200" - 9.500" DECK - 28.5% REDUCTION

(NOT RECOMMENDED
FOR MECHANICAL FANS)

CVD93222 Kit
(shown with upgrade components)



CVD93222

PART #	DESCRIPTION	QTY.
CVD23224	Water Pump Pulley	1
CVD33220	Crank Pulley	1
CVD53324	SBF Pro Drive Hub	1
CVD40500	Adaptor Bushing	1
CVD50224	Balancer Washer SBF	1
CVD73220	Power Steering Pulley	1
CVD44500	Hat Washer	1
BLTGL	BLTGL 5/8" AN Washer	1
BLTEL	1/2" AN Washer	1
BLTBL	5/16" AN Washer	4
BLTBF.750A	5/16"-24 x 3/4" 12pt.	4
BLTEF2.000B	1/2"-20 x 2.000" 6 PT Bolt Crank	1
BLTGF2.000B	5/8"-18 x 2.000" 6 PT Bolt	1
4050355Y	NASCAR Serpentine Belt	1

CV RACING
PRODUCTS

CVD93222 KIT



CV Racing Products' CVD93222 Serpentine Drive Pulley Kit comes in several configurations to fit every racers needs, whether you only need the basic pulley kit or everything from the engine block forward. The basic kit CVD93222 comes with the water pump pulley, crank pulley, power steering pulley, crank hub, mounting hardware and Continental Elite racing belt. All of our pulley drive kits are designed in conjunction with Continental engineers for minimal belt drag and the lightest weight for decreased rotating mass and maximum horsepower gains. All CV Racing Products' Drive Pulleys are hard coated for durability while extending service life in the harsh racing environment. This kit has a 28.5% water pump reduction ratio. See the upgrade components listed below for additional ready to race components to fit your needs.

UPGRADE COMPONENTS

WATER PUMP COMPONENTS		
PART #	DESCRIPTION	QTY.
SC36113	Water Pump	1

ALTERNATOR COMPONENTS		
PART #	DESCRIPTION	QTY.
PM8162	50A Alternator	1
PM8182	75A Alternator	1
CV32201	93mm SBF Alternator Mount Kit	1
CVD60220	Denso 3-Rib 2.700" Pulley	1

BELTS		
PART #	DESCRIPTION	QTY.
4030240Y	NASCAR Serpentine 24.0" 3-Rib Belt	1

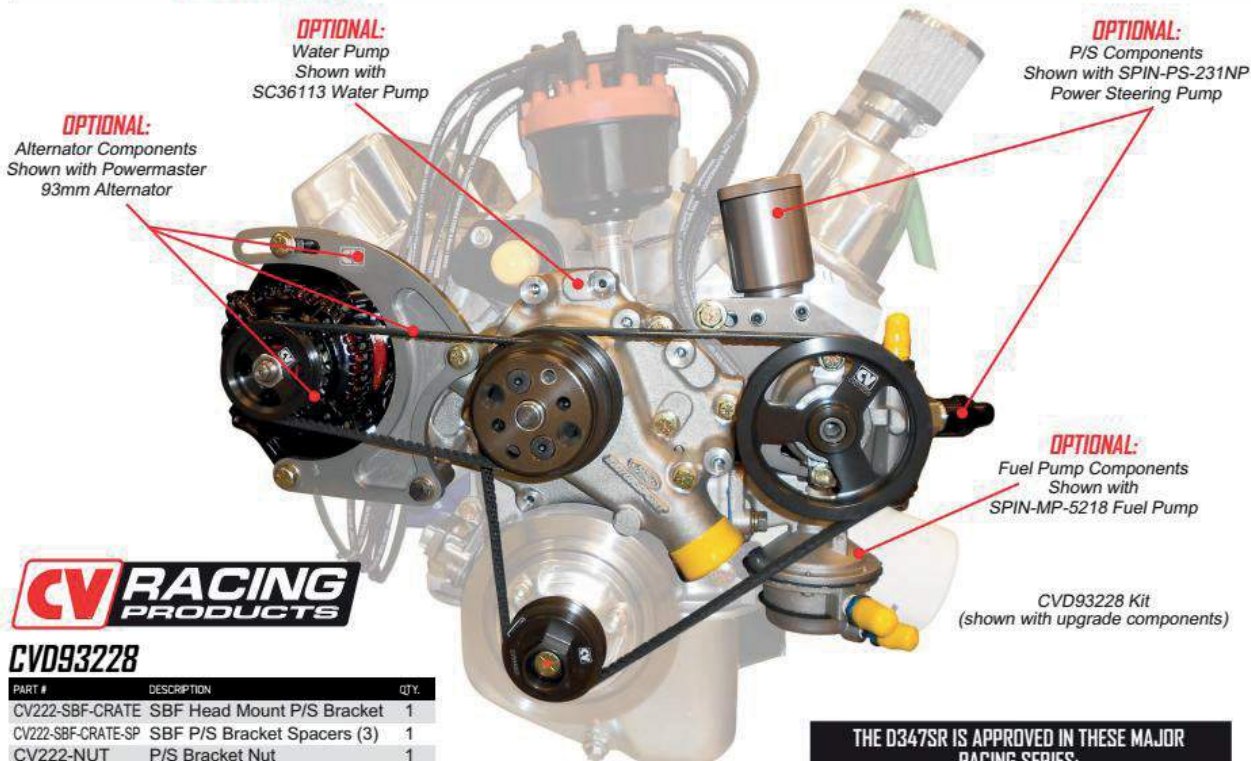
POWER STEERING COMPONENTS		
PART #	DESCRIPTION	QTY.
CV4250	Power Steering Reservoir Kit	1
SPIN-PS-231NP	Short Track Pump	1
EXT4251	Xtreme Synthetic P/S Fluid 1qt.	1

FUEL PUMP COMPONENTS		
PART #	DESCRIPTION	QTY.
SPIN-MP-5218	-8IN, -8OUT	1

CVD93228 SERIES

SBF D347SR OR S347JR LATE MODEL, LATE MODEL STOCK SERPENTINE DRIVE PULLEY KIT

CRATE ENGINE - 28.5% REDUCTION



CV RACING
PRODUCTS

CVD93228

PART #	DESCRIPTION	QTY.
CV222-SBF-CRATE	SBF Head Mount P/S Bracket	1
CV222-SBF-CRATE-SP	SBF P/S Bracket Spacers (3)	1
CV222-NUT	P/S Bracket Nut	1
CVD33220	Crankshaft Pulley	1
CVD23226	Water Pump Pulley	1
CVD40500	Adaptor Bushing For Water Pump	1
CVD44501	Hex Head Hat Washer	1
CVD53324	SBF Pro Drive Hub	1
CVD73220	Power Steering Pulley	1
4050355Y	NASCAR Serpentine Belt	1
BLTDC3.750B	7/16"-14 x 3.750" Hex Bolt	1
BLTDC3.250B	7/16"-14 x 3.250" Hex Bolt	2
BLTCC1.250C	3/8" x 1.25" Allen Bolt	3
BLTEF2.250B	1/2"-20 x 2-1/4" LG.	1
BLTDL	7/16" AN Washer	3
BLTCL	3/8" AN Washer	3
BLTEL	1/2" AN Washer	1

FEATURES

- True bolt on kit (allowing reduced build time)
- NASCAR Proven design, manufacturing methods & durability from the company with a solid track record
- Hard anodized billet aluminum pulleys for extended service life
- Proven serpentine technology that will last the race season
- Pulleys designed for proper speeds allowing optimal size & weight

UPGRADE COMPONENTS

WATER PUMP COMPONENTS		
PART #	DESCRIPTION	QTY.
SC36113	Water Pump	1

ALTERNATOR COMPONENTS		
PART #	DESCRIPTION	QTY.
PM8162	50A Alternator	1
PM8182	75A Alternator	1
CV32201	93mm SBF Alternator Mount Kit	1
CVD60220	Denso 3-Rib 2.700" Pulley	1

BELTS		
PART #	DESCRIPTION	QTY.
4030240Y	NASCAR Serpentine 24.0" 3-Rib Belt	1

THE D347SR IS APPROVED IN THESE MAJOR RACING SERIES:

- ASA Late Model Series
- ASA Southeast Tour
- CRA
- SUPERPRO Late Model Series
- GAS - Georgia Asphalt Series
- FASCAR

CVD96228* (Basic Kit)

SBC SERPENTINE DRIVE PULLEY KIT - 28% W/P REDUCTION

PART #	DESCRIPTION	QTY.
CVD73220	Power Steering Pulley	1
CVD23226	Water Pump Pulley	1
CVD33220	Crankshaft Pulley	1
CVD44501	Hex Head Hat Washer	1
CVD53324	SBF Pro Drive Hub	1
4050355Y	NASCAR Serpentine Belt	1

*NOTE: Kit excludes: PS Mount Bracket Kit & Hardware.

POWER STEERING COMPONENTS

PART #	DESCRIPTION	QTY.
CV4250-1	Power Steering Mounting Body	1
CV4250-5	Power Steering Reservoir Tank 4"	1
CV4250-9	Power Steering Cap/Vented	1
SPIN-PS-231NP	Short Track Pump	1
EXT4251	Xtreme Synthetic P/S Fluid 1qt.	1

FUEL PUMP COMPONENTS

PART #	DESCRIPTION	QTY.
SPIN-MP-5218	-8IN, -8OUT	1

CVD93229 SERIES

SBF D347SR OR S347JR LATE MODEL, LATE MODEL STOCK SERPENTINE DRIVE PULLEY KIT

CRATE ENGINE - 28.5% REDUCTION

CVD93229

PART #	DESCRIPTION	QTY.
CV222-SBF-CRATE	SBF Head Mount P/S Bracket	1
CV222-SBF-CRATE-SP	SBF P/S Bracket Spacers (3)	1
CV222-NUT	P/S Bracket Nut	1
CVD33220	Crankshaft Pulley	1
CVD23229	Water Pump Pulley	1
CVD40500	Adaptor Bushing For Water Pump	1
CV22100	SBF Water Pump Back Plate	1
CVD44501	Hex Head Hat Washer	1
CVD53324	SBF Pro Drive Hub	1
CVD73220	Power Steering Pulley	1
4050355Y	NASCAR Serpentine Belt	1
BLTDC3.750B	7/16"-14 x 3.750" Hex Bolt	1
BLTDC3.250B	7/16"-14 x 3.250" Hex Bolt	2
BLTCC1.250C	3/8" x 1.25" Allen Bolt	3
BLTEF2.250B	1/2"-20 x 2-1/4" LG.	1
BLTDL	7/16" AN Washer	3
BLTCL	3/8" AN Washer	3
BLTEL	1/2" AN Washer	1



THE D347SR IS APPROVED IN THESE MAJOR RACING SERIES:

- ASA Late Model Series
- ASA Southeast Tour
- CRA
- SUPERPRO Late Model Series
- GAS - Georgia Asphalt Series
- FASCAR

OPTIONAL:

Water Pump
Shown with SC36113
Water Pump

OPTIONAL:

Alternator Components
Shown with Powermaster
93mm Alternator

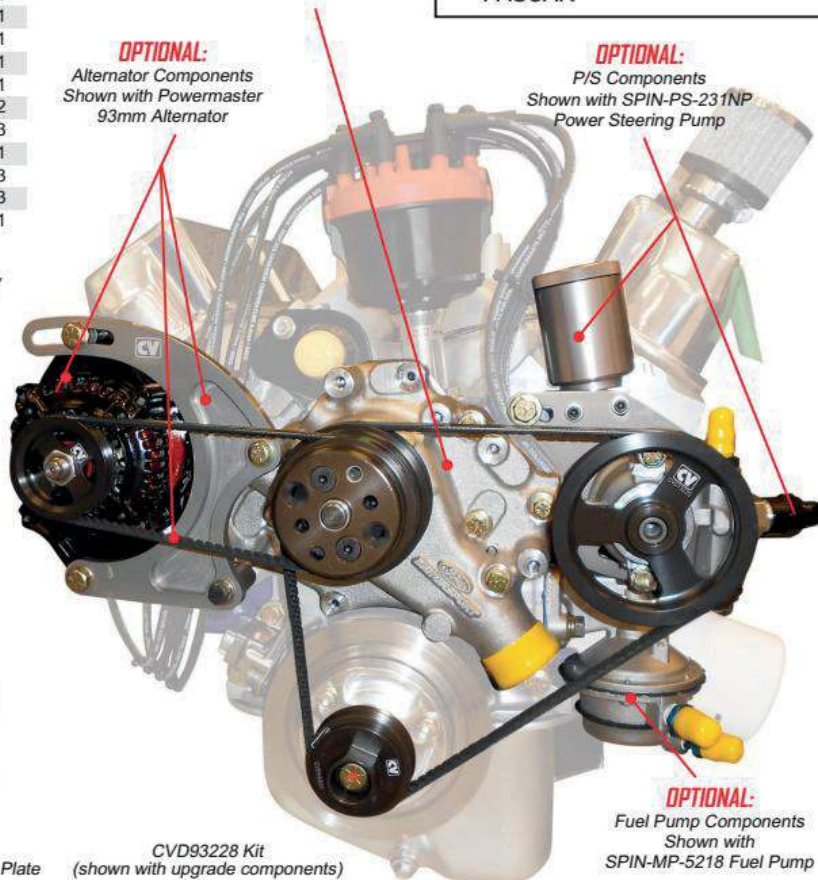
OPTIONAL:

P/S Components
Shown with SPIN-PS-231NP
Power Steering Pump



CVD23229
Water Pump Pulley

CV22100
Water Pump Back Plate



CVD93228 Kit
(shown with upgrade components)

OPTIONAL:

Fuel Pump Components
Shown with
SPIN-MP-5218 Fuel Pump

Engine builders have known for some time that excessive water pressures in Ford engines can cause water leaks behind the water pump. These pressures are caused by high pressure radiator caps and/or by spinning the water pump too fast. The thin metal plate behind the pump was never designed to handle these 30 + psi pressures. CV Products has created a 1/4" aluminum plate to replace the thin steel plate on the rear of the pump. The plate resolves the water leak problem, but introduces a belt offset issue for the power steering pulley. This has been addressed by producing a new water pump pulley that compensates for the water pump being moved out 1/4". You can see the new part numbers in the bill of materials listing. The alternator drive does not have the same issue as the alternator bracket mounts to the water pump therefore the belt alignment remains unchanged.

NOTE: If the 1/4" water pump plate is desired on a CVD93228 drive kit remember to also add the CVD23229 water pump pulley to your order.

UPGRADE COMPONENTS

WATER PUMP COMPONENTS		
PART #	DESCRIPTION	QTY.
SC36113	Water Pump	1

ALTERNATOR COMPONENTS		
PART #	DESCRIPTION	QTY.
PM8162	50A Alternator	1
PM8182	75A Alternator	1
CV32201	93mm SBF Alternator Mount Kit	1
CVD60220	Denso 3-Rib 2.700" Pulley	1

BELTS		
PART #	DESCRIPTION	QTY.
4030240Y	NASCAR Serpentine 24.0" 3-Rib Belt	1

POWER STEERING COMPONENTS		
PART #	DESCRIPTION	QTY.
CV4250-1	Power Steering Mounting Body	1
CV4250-5	Power Steering Reservoir Tank 4"	1
CV4250-9	Power Steering Cap/Vented	1
SPIN-PS-231NP	Short Track Pump	1
EXT4251	Xtreme Synthetic P/S Fluid 1qt.	1

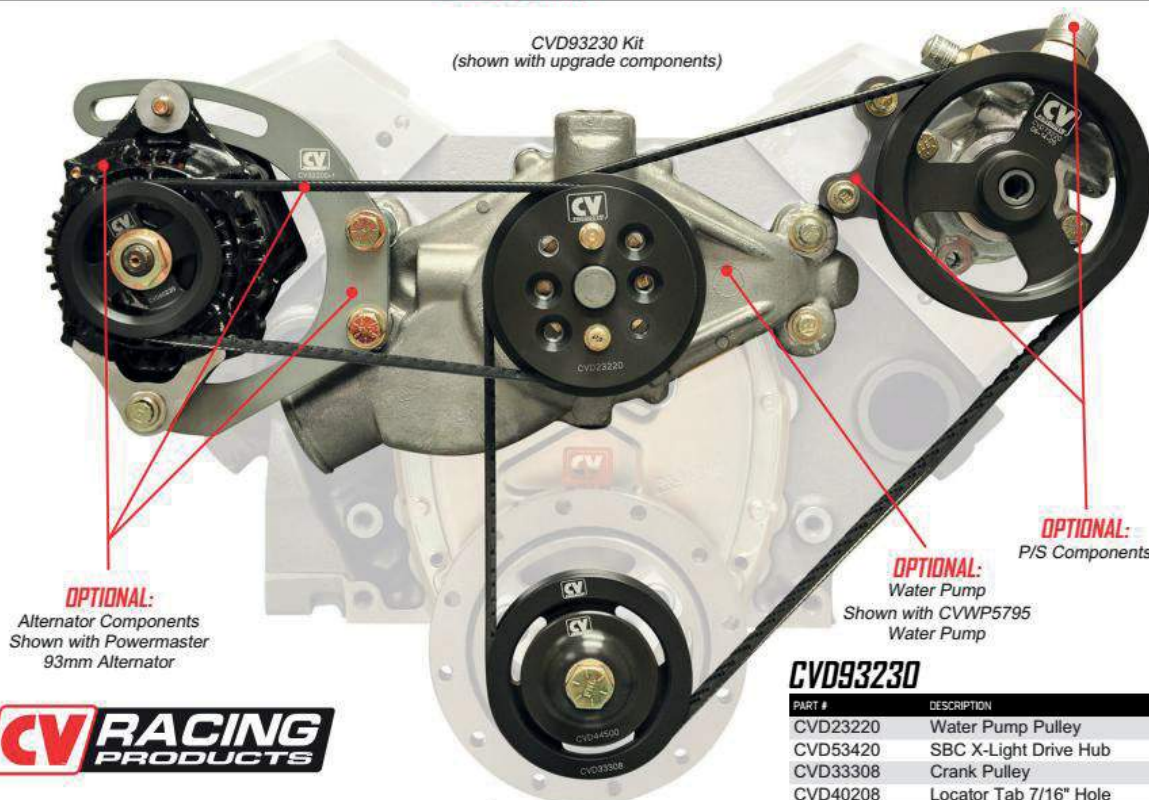
FUEL PUMP COMPONENTS		
PART #	DESCRIPTION	QTY.
SPIN-MP-5218	-8IN, -8OUT	1

CVD93230 SERIES

SBC LATE MODEL, LATE MODEL STOCK SERPENTINE DRIVE PULLEY KIT

603 & 604 CRATE ENGINES, HEAD MOUNT P/S - 6% REDUCTION

(NOT RECOMMENDED FOR MECHANICAL FANS)



CV Racing Products' CVD93230 Serpentine Drive Pulley Kit comes in several configurations to fit every racers needs, whether you only need the basic pulley kit or everything from the engine block forward. The basic kit CVD93230 comes with the water pump pulley, crank pulley, power steering pulley, crank hub, mounting hardware and Continental Elite racing belt. All of our pulley drive kits are designed in conjunction with Continental engineers for minimal belt drag and the lightest weight for decreased rotating mass and maximum horsepower gains. All CV Racing Products' Drive Pulleys are hard coated for durability while extending service life in the harsh racing environment. This kit has a 6% water pump reduction ratio. See the upgrade components listed below for additional ready to race components to fit your needs.

UPGRADE COMPONENTS

WATER PUMP COMPONENTS

PART #	DESCRIPTION	QTY.
CVWP5795	Water Pump	1

ALTERNATOR COMPONENTS

PART #	DESCRIPTION	QTY.
PM8162	50A Alternator	1
PM8182	75A Alternator	1
CV32200	93mm SBC Alternator Mount Kit	1
CVD60220	Denso 3-Rib 2.700" Pulley 32% Reduction	1

BELTS

PART #	DESCRIPTION	QTY.
4030250Y	NASCAR Serpentine 25.0" 3-Rib Belt	1

POWER STEERING COMPONENTS

PART #	DESCRIPTION	QTY.
CVD73220	5-Rib Power Steering Pulley	1
CV22-SBC-LTW	SBC Lightweight Head Mount	1
CV222-NUT	P/S Bracket Adjusting Nut	1
CV32200-3	P/S Mount Spacer .750"/.392" ID/.742" OD	3
CV4250	Power Steering Reservoir Kit	1
SPIN-PS-231NP	Short Track Pump	1
EXT4251	Xtreme Synthetic P/S Fluid 1qt.	1

FUEL PUMP COMPONENTS

PART #	DESCRIPTION	QTY.
SPIN-MP-5048	-8IN, -8OUT	1

CVD93230

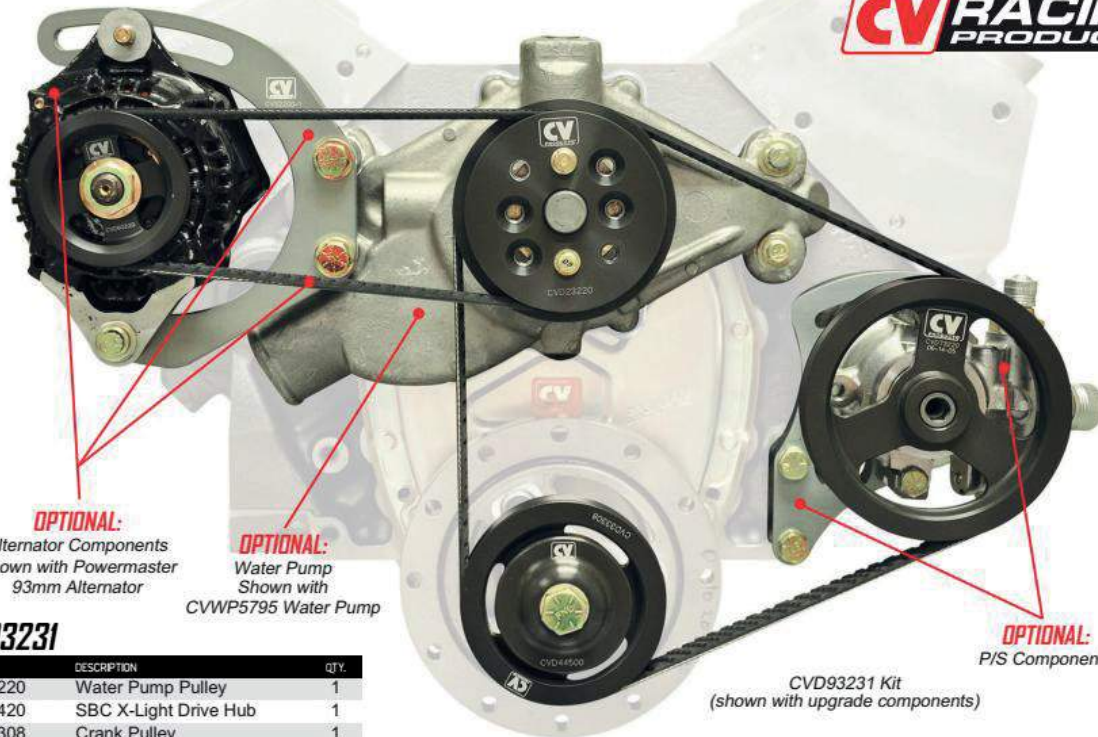
PART #	DESCRIPTION	QTY.
CVD23220	Water Pump Pulley	1
CVD53420	SBC X-Light Drive Hub	1
CVD33308	Crank Pulley	1
CVD40208	Locator Tab 7/16" Hole	1
CVD43220	Crank Hub Spacer .250" Thick	2
CVD44500	Hat Washer	1
CVD73220	Power Steering Pulley	1
CVWP11739	SBC W/P O-Ring Spacers	1
BLTBL	5/16" AN Washer	4
BLTCL	3/8" AN Washer	3
BLTEL	1/2" AN Washer Zinc Coated	1
BLTDL	7/16" AN Washer	1
BLTBF.750A	5/16"-24 x 3/4" 12pt.	4
BLTCC1.250A	3/8"-16 x 1-1/4" Allen Bolt	3
BLTCF1.250A	3/8"-24 x 1.250" 12pt.	3
BLTEF1.750B	1/2"-20 x 1-3/4" LG.	1
BLTEF2.250B	1/2"-20 x 2-1/4" LG.	1
BLTDF2.250B	7/16"-20 x 2-1/4" 6pt.	1
4050385Y	NASCAR Serpentine Belt	1

CVD93231 SERIES

SBC LATE MODEL, LATE MODEL STOCK SERPENTINE DRIVE PULLEY KIT

603 & 604 CRATE ENGINES, LOW BLOCK MOUNT P/S - 6% REDUCTION

(NOT RECOMMENDED FOR MECHANICAL FANS)



CVD93231

PART #	DESCRIPTION	QTY.
CVD23220	Water Pump Pulley	1
CVD53420	SBC X-Light Drive Hub	1
CVD33308	Crank Pulley	1
CVD40208	Locator Tab 7/16" Hole	1
CVD43220	Crank Hub Spacer .250" Thick	2
CVD44500	Hat Washer	1
CVD73220	Power Steering Pulley	1
CVWP11739	SBC W/P O-Ring Spacers	1
BLTB1	5/16" AN Washer	4
BLTCL	3/8" AN Washer	3
BLTEL	1/2" AN Washer Zinc Coated	1
BLTDL	7/16" AN Washer	1
BLTBF.750A	5/16"-24 x 3/4" 12pt.	4
BLTCC1.250C	3/8" x 1.25" Allen Bolt	3
BLTCF1.250C	3/8" x 1.25" ALLEN BOLT	3
BLTEF1.750B	1/2"-20 x 1-3/4" LG.	1
BLTEF2.250B	1/2"-20 x 2-1/4" LG.	1
BLTDF2.250B	7/16"-20 x 2-1/4" 6pt.	1
4050335Y	NASCAR Serpentine Belt	1

CVD93231 Kit
(shown with upgrade components)

CVD93231 KIT



CV Racing Products' CVD93231 Serpentine Drive Pulley Kit comes in several configurations to fit every racers needs, whether you only need the basic pulley kit or everything from the engine block forward. The basic kit CVD93231 comes with the water pump pulley, crank pulley, power steering pulley, crank hub, mounting hardware and Continental Elite racing belt. All of our pulley drive kits are designed in conjunction with Continental engineers for minimal belt drag and the lightest weight for decreased rotating mass and maximum horsepower gains. All CV Racing Products' Drive Pulleys are hard coated for durability while extending service life in the harsh racing environment. This kit has a 6% water pump reduction ratio. See the upgrade components listed below for additional ready to race components to fit your needs.

UPGRADE COMPONENTS

WATER PUMP COMPONENTS		
PART #	DESCRIPTION	QTY.
CVWP5795	Water Pump	1

ALTERNATOR COMPONENTS		
PART #	DESCRIPTION	QTY.
PM8162	50A Alternator	1
PM8182	75A Alternator	1
CV32200	93mm SBC Alternator Mount Kit	1
CVD60220	Denso 3-Rib 2.700" Pulley 32% Reduction	1

BELTS		
PART #	DESCRIPTION	QTY.
4030250Y	NASCAR Serpentine 25.0" 3-Rib Belt	1

POWER STEERING COMPONENTS		
PART #	DESCRIPTION	QTY.
CVD73220	5-Rib Power Steering Pulley	1
CV3224	SBC Low Mount P/S Kit	1
CV4250	Power Steering Reservoir Kit	1
SPIN-PS-231NP	Short Track Pump	1
EXT4251	Xtreme Synthetic P/S Fluid 1qt.	1

FUEL PUMP COMPONENTS		
PART #	DESCRIPTION	QTY.
SPIN-MP-5048	-8IN, -8OUT	1

CVD93220 SERIES

ALTERNATOR S-DRIVE™ KITS & COMPONENTS

CVD93224

SBC ALTERNATOR DRIVE KIT

PART #	DESCRIPTION
CVD20220	6 Rib Water Pump Pulley
CVD60220	Denso 3 Rib Alternator Pulley
4030250	Belt

NOTE: This kit is designed for water pump pulleys that do not include an alternator drive pulley.

CVD93225

SBC ALTERNATOR PULLEY KIT

PART #	DESCRIPTION
CVD60220	Denso 3 Rib Alternator Pulley
4030250	Belt

NOTE: This kit is designed for 1-pc. water pump pulley with an additional 3 Rib.

CVD93226

SBF 35IW ALTERNATOR PULLEY KIT

PART #	DESCRIPTION
CVD60220	Denso 3 Rib Alternator Pulley
4030240	Belt

NOTE: This kit is designed for 1-pc. water pump pulleys with an alternator drive pulley.

CVD93225
S-Drive™ Alternator Drive Kit

CV RACING
PRODUCTS

**LOOK FOR OUR NEW GM LS
FRONT DRIVE SYSTEMS TO
BE UNVEILED AT PRI 2016**



CVD91310**SBC V-BELT FAN DRIVE - 30% W/P REDUCTION**

PART #	DESCRIPTION	QTY.
CVD20202	Water Pump Pulley	1
CVD30208	Crankshaft Pulley	1
CVD44439	Hex Head Hat Washer	1
BLTDL	7/16" AN Washer	3
BLTEL	1/2" AN Washer	1
BLTCC1.250A	Bolt 3/8"-16 x 1-1/4"	3
BLTDF2.250B	7/16"-20 x 2-1/4" LG.	1
15325DY	Matched Set of 2 Belts	1

CVD91311**SBC V-BELT FAN DRIVE - 20% W/P REDUCTION**

PART #	DESCRIPTION	QTY.
CVD22030	Water Pump Pulley	1
CVD30208	Crankshaft Pulley	1
CVD44439	Hex Head Hat Washer	1
BLTCL	3/8" AN Washer	3
BLTEL	1/2" AN Washer	1
BLTCC1.250A	Bolt 3/8"-16 x 1-1/4"	3
BLTEF2.250B	1/2"-20 x 2-1/4" LG.	1
15310DY	NASCAR V-Belt (Matched Set) 1	1



CV Products still manufactures V-Belt pulleys and drives. One of our most popular drive series is the mechanical fan drive for dirt cars. This drive uses a matched set of Continental V-Belts. Mechanical fan drives do require a fair amount of power and also have to deal with the harsh environment of dirt tracks. These hard coated 6061-T6 pulleys will do the job.



SBC V-Belt
Fan Drive

UPGRADE COMPONENTS

30% W/P REDUCTION

WATER PUMP COMPONENTS

PART #	DESCRIPTION	QTY.
CVWP5795	Water Pump	1

FAN COMPONENTS

PART #	DESCRIPTION	QTY.
CV1518	18" Mechanical 4 Blade Fan	1
CV1519	19" Mechanical 4 Blade Fan	1
CV100200	2.00" Fan Spacer	1
CV100225	2.25" Fan Spacer	1
CV100250	2.50" Fan Spacer	1
CV100275	2.75" Fan Spacer	1
CV100300	3.00" Fan Spacer	1

UPGRADE COMPONENTS

20% W/P REDUCTION

WATER PUMP COMPONENTS

PART #	DESCRIPTION	QTY.
CVWP5795	Water Pump	1

FAN COMPONENTS

PART #	DESCRIPTION	QTY.
CV1518	18" Mechanical 4 Blade Fan	1
CV1519	19" Mechanical 4 Blade Fan	1
CV100200	2.00" Fan Spacer	1
CV100225	2.25" Fan Spacer	1
CV100250	2.50" Fan Spacer	1
CV100275	2.75" Fan Spacer	1
CV100300	3.00" Fan Spacer	1

CVD91320

BBC V-BELT FAN DRIVE - 30% W/P REDUCTION		
PART #	DESCRIPTION	QTY.
CVD20202	Water Pump Pulley	1
CVD30208	Crankshaft Pulley	1
CVD44300	BBC Adapter	1
CVD44501	Hex Head Hat Washer	1
BLTCL	3/8" AN Washer	3
BLTEL	1/2" AN Washer	1
BLTCC1.250A	Bolt 3/8"-16 x 1-1/4"	3
BLTEF2.250B	1/2"-20 x 2-1/4" LG.	1
15325DY	Matched Set of 2 Belts	1

CVD91321

BBC V-BELT FAN DRIVE - 20% W/P REDUCTION		
PART #	DESCRIPTION	QTY.
CVD22030	Water Pump Pulley	1
CVD30208	Crankshaft Pulley	1
CVD44300	BBC Adapter	1
CVD44501	Hex Head Hat Washer	1
BLTCL	3/8" AN Washer	3
BLTEL	1/2" AN Washer	1
BLTCC1.250A	Bolt 3/8"-16 x 1-1/4"	3
BLTEF2.250B	1/2"-20 x 2-1/4" LG.	1
15310DY	NASCAR V-Belt (Matched Set)	1



BBC V-Belt Fan Drive



CV Products still manufactures V-Belt pulleys and drives. One of our most popular drive series is the mechanical fan drive for dirt cars. This drive uses a matched set of Continental V-Belts. Mechanical fan drives do require a fair amount of power and also have to deal with the harsh environment of dirt tracks. These hard coated 6061-T6 pulleys will do the job.

UPGRADE COMPONENTS
30% W/P REDUCTION

WATER PUMP COMPONENTS		
PART #	DESCRIPTION	QTY.
SC31203	Water Pump	1

FAN COMPONENTS		
PART #	DESCRIPTION	QTY.
CV1518	18" Mechanical 4 Blade Fan	1
CV1519	19" Mechanical 4 Blade Fan	1
CV100200	2.00" Fan Spacer	1
CV100225	2.25" Fan Spacer	1
CV100250	2.50" Fan Spacer	1
CV100275	2.75" Fan Spacer	1
CV100300	3.00" Fan Spacer	1

UPGRADE COMPONENTS
20% W/P REDUCTION

WATER PUMP COMPONENTS		
PART #	DESCRIPTION	QTY.
SC31203	Water Pump	1

FAN COMPONENTS		
PART #	DESCRIPTION	QTY.
CV1518	18" Mechanical 4 Blade Fan	1
CV1519	19" Mechanical 4 Blade Fan	1
CV100200	2.00" Fan Spacer	1
CV100225	2.25" Fan Spacer	1
CV100250	2.50" Fan Spacer	1
CV100275	2.75" Fan Spacer	1
CV100300	3.00" Fan Spacer	1
CV100325	3.25" Fan Spacer	1

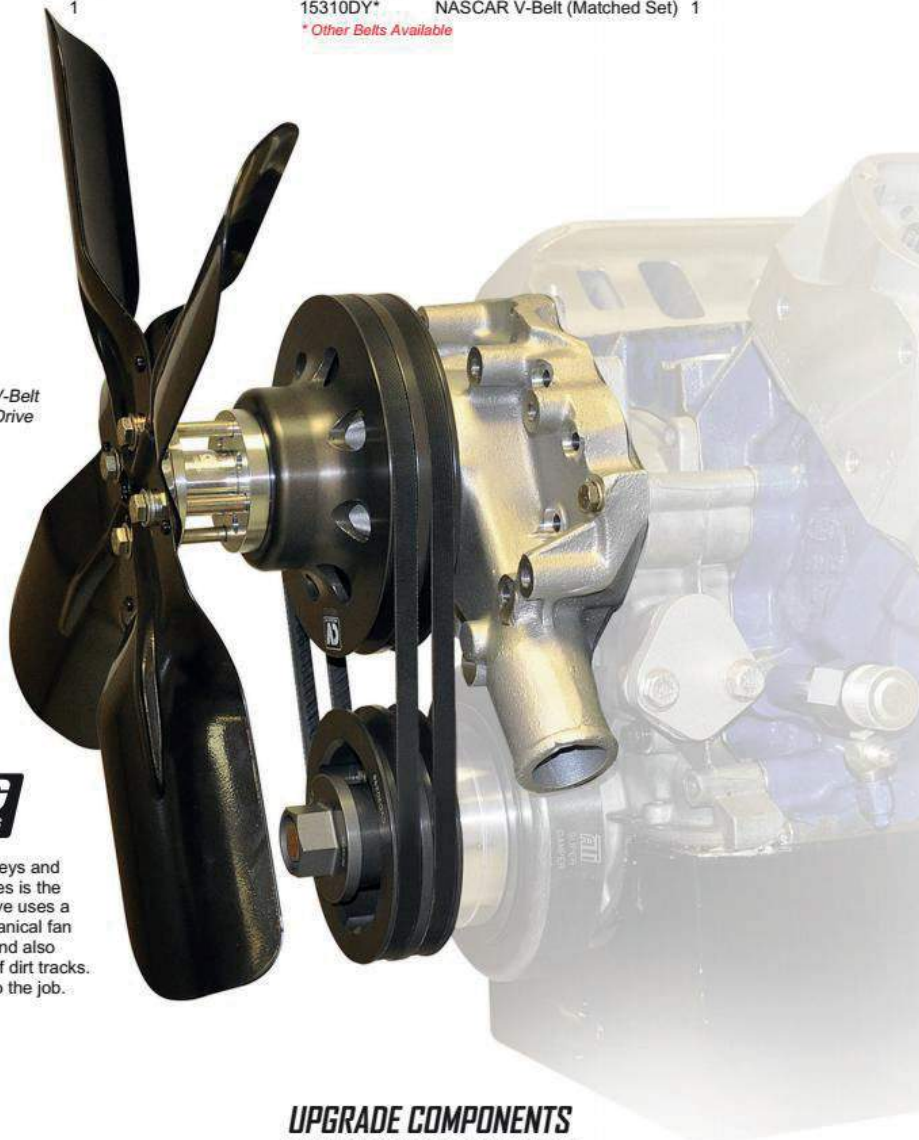
CVD91330**SBF V-BELT FAN DRIVE - 30% W/P REDUCTION**

PART #	DESCRIPTION	QTY.
CVD20202	Water Pump Pulley	1
CVD30206	Crankshaft Pulley	1
CVD44501	Hex Head Hat Washer	1
BLTCL	3/8" AN Washer	3
BLTEL	1/2" AN Washer	1
BLTCC1.250A	Bolt 3/8"-16 x 1-1/4"	3
BLTEF2.250B	1/2"-20 x 2-1/4" LG.	1
15325DY	Matched Set of 2 Belts	1

CVD91331**SBF V-BELT FAN DRIVE - 20% W/P REDUCTION**

PART #	DESCRIPTION	QTY.
CVD22030	Water Pump Pulley	1
CVD30206	Crankshaft Pulley	1
CVD44501	Hex Head Hat Washer	1
BLTCL	3/8" AN Washer	3
BLTEL	1/2" AN Washer	1
BLTCC1.250A	Bolt 3/8"-16 x 1-1/4"	3
BLTEF2.250B	1/2"-20 x 2-1/4" LG.	1
15310DY*	NASCAR V-Belt (Matched Set)	1

* Other Belts Available

SBF V-Belt
Fan Drive

CV Products still manufactures V-Belt pulleys and drives. One of our most popular drive series is the mechanical fan drive for dirt cars. This drive uses a matched set of Continental V-Belts. Mechanical fan drives do require a fair amount of power and also have to deal with the harsh environment of dirt tracks. These hard coated 6061-T6 pulleys will do the job.

UPGRADE COMPONENTS
30% W/P REDUCTION**WATER PUMP COMPONENTS**

PART #	DESCRIPTION	QTY.
SC36113	Water Pump	1

FAN COMPONENTS

PART #	DESCRIPTION	QTY.
CV1518	18" Mechanical 4 Blade Fan	1
CV1519	19" Mechanical 4 Blade Fan	1
CV100200	2.00" Fan Spacer	1
CV100225	2.25" Fan Spacer	1
CV100250	2.50" Fan Spacer	1
CV100275	2.75" Fan Spacer	1
CV100300	3.00" Fan Spacer	1

UPGRADE COMPONENTS
20% W/P REDUCTION**WATER PUMP COMPONENTS**

PART #	DESCRIPTION	QTY.
SC36113	Water Pump	1

FAN COMPONENTS

PART #	DESCRIPTION	QTY.
CV1518	18" Mechanical 4 Blade Fan	1
CV1519	19" Mechanical 4 Blade Fan	1
CV100200	2.00" Fan Spacer	1
CV100225	2.25" Fan Spacer	1
CV100250	2.50" Fan Spacer	1
CV100275	2.75" Fan Spacer	1
CV100300	3.00" Fan Spacer	1
CV100325	3.25" Fan Spacer	1

CV22220

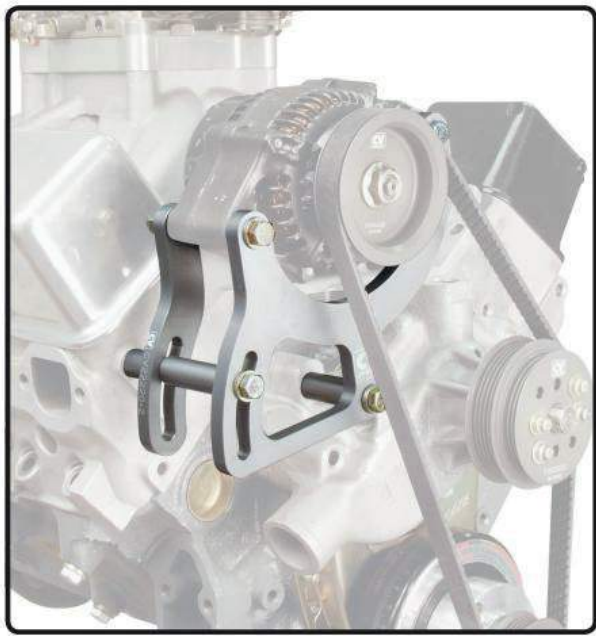
SBC ALTERNATOR MOUNTING BRACKET KIT

- Passenger Side - High Mount
- Designed to mount 110-118mm Denso-style alternators
- 6061 T-6 billet aluminum
- Grade 8 fasteners
- Spacers and washers included

Fits the following Powermaster alternator applications:

- CV8102-PM
- CV8132-PM
- CV8142-PM*
- CV8152-PM*

**NOTE: Application may require spacer adjustments.*

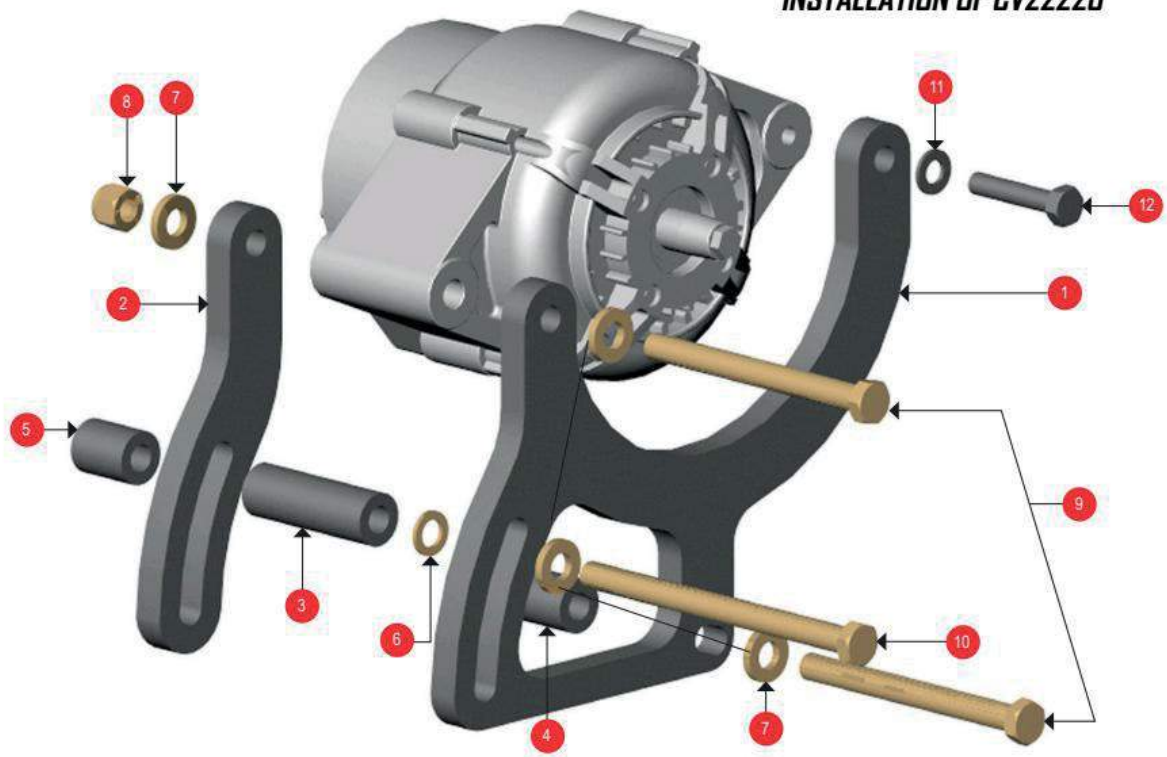


KIT INCLUDES:

REF #	PART #	DESCRIPTION	QTY.
1	CV22220-1	Large Alternator Bracket	1
2	CV22220-2	Small Alternator Bracket	1
3	CV22220-3	2.250" Spacer	1
4	CV22220-4	1.695" Spacer	1
5	CV22220-5	.965" Spacer	1
6	BLTCL	3/8" AN Washer	1
7	BLTCK	3/8" Super Washer	4
8	BLTCCT	3/8"-16 Nylon Insert Nut	1
9	BLTCC4.000B	3/8"-16 x 4.000" Hex Bolt	2
10	BLTCC5.000B	3/8"-16 x 5.000" Hex Bolt	1
11	BLT8MMWASHER	8mm Washer	1
12	BLT8MM-1.25MMX1.500	1.500" Bolt	1

CV RACING PRODUCTS

INSTALLATION OF CV22220



CV22222

SBC ALTERNATOR MOUNTING BRACKET KIT

- Passenger Side - High Mount
- Designed to mount 93mm Denso-style alternators
- 6061 T-6 billet aluminum
- Grade 8 fasteners
- Spacers and washers included

Fits the following Powermaster alternator applications:
CV8162-PM
CV8172-PM

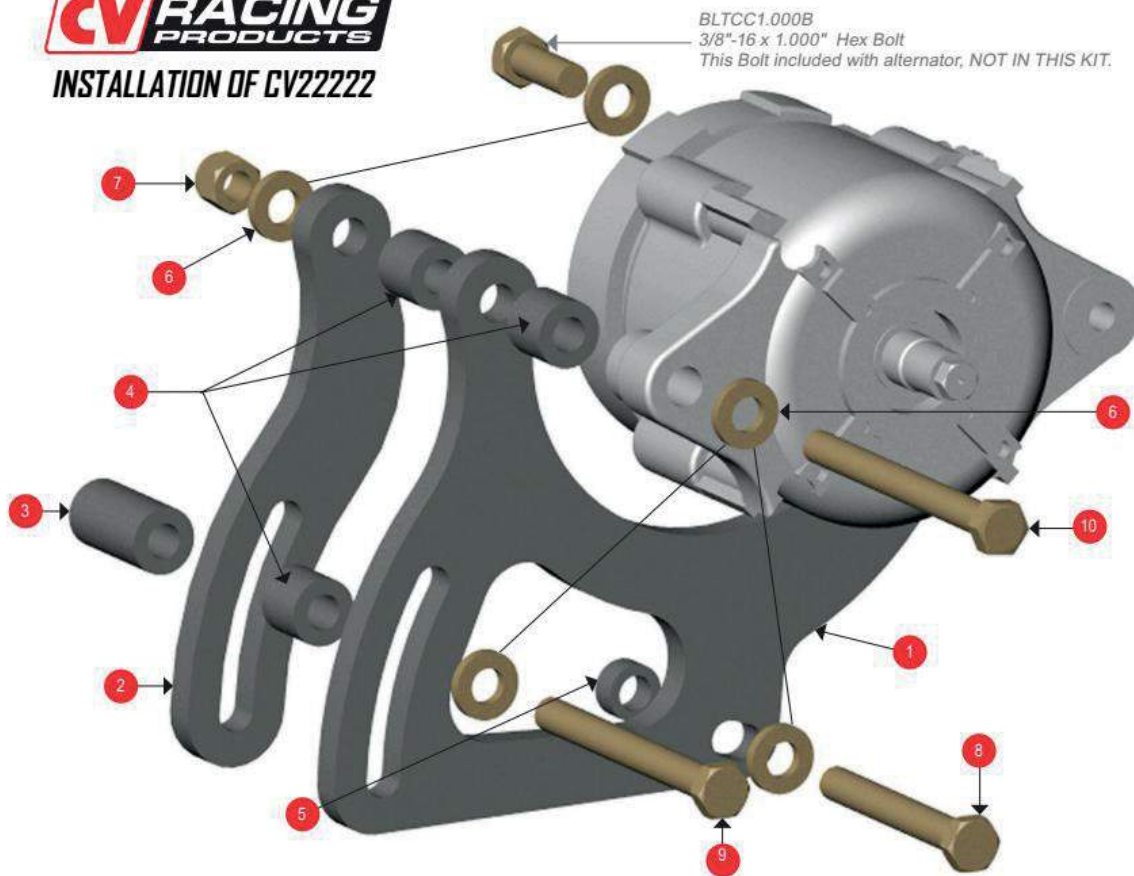


KIT INCLUDES:

REF #	PART #	DESCRIPTION	QTY.
1	CV22222-A	Large Alternator Bracket	1
2	CV22222-B	Small Alternator Bracket	1
3	CV22222-C	1.375" Spacer	1
4	CV22222-D	.675" Spacer	3
5	CV22222-E	.312" Spacer	1
6	BLTCK	3/8" Super Washer	5
7	BLTCCT	3/8"-16 Nylon Insert Nut	1
8	BLTCC2.750B	3/8"-16 x 2.750" Hex Bolt	1
9	BLTCC3.500B	3/8"-16 x 3.500" Hex Bolt	1
10	BLTCC3.750B	3/8"-16 x 3.750" Hex Bolt	1



INSTALLATION OF CV22222

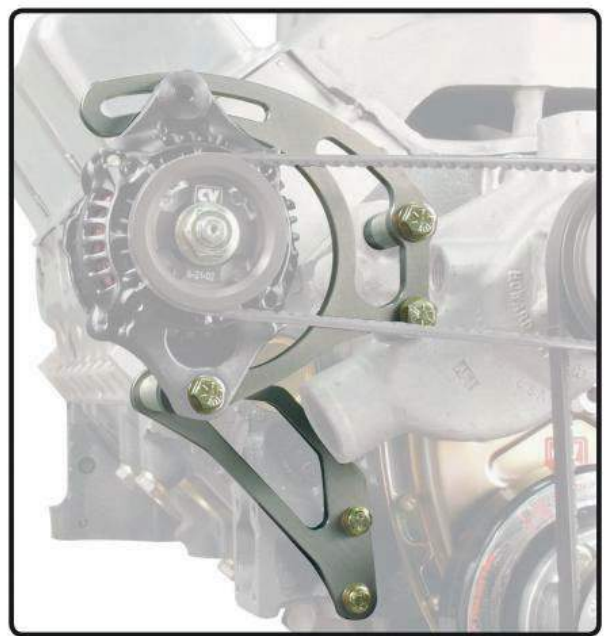


CV22224

SBC ALTERNATOR MOUNTING BRACKET KIT

- Passenger Side - High Mount
- Designed to mount 110-118mm Denso-style alternators
- 6061 T-6 billet aluminum
- Grade 8 fasteners
- Spacers and washers included

Fits the following Powermaster alternator applications:
 CV8162-PM
 CV8172-PM



KIT INCLUDES:

REF #	PART #	DESCRIPTION	QTY.
1	CV22224-1	Large Alternator Bracket	1
2	CV22224-2	Small Alternator Bracket	1
3	CV22224-11	.750" Spacer	1
4	CV22224-12	2.663" Spacer	1
5	CV22224-13	1.859" Spacer	1
5	CV22224-14	1.048" Spacer	1
-	CV22224-15*	1.863" Spacer	1
-	CV22224-16*	1.059" Spacer	1
-	CV22224-17*	.248" Spacer	1
10	BLTCK	3/8" Super Washer	4
11	BLTCC1.000B	3/8"-16 x 1.000" Hex Bolt	2
12	BLTCC4.500B	3/8"-16 x 4.500" Hex Bolt	2
13	BLTCC5.000B	7/16"-14 x 5.000" Hex Bolt	1
14	BLTDK	7/16" Super Washer	1

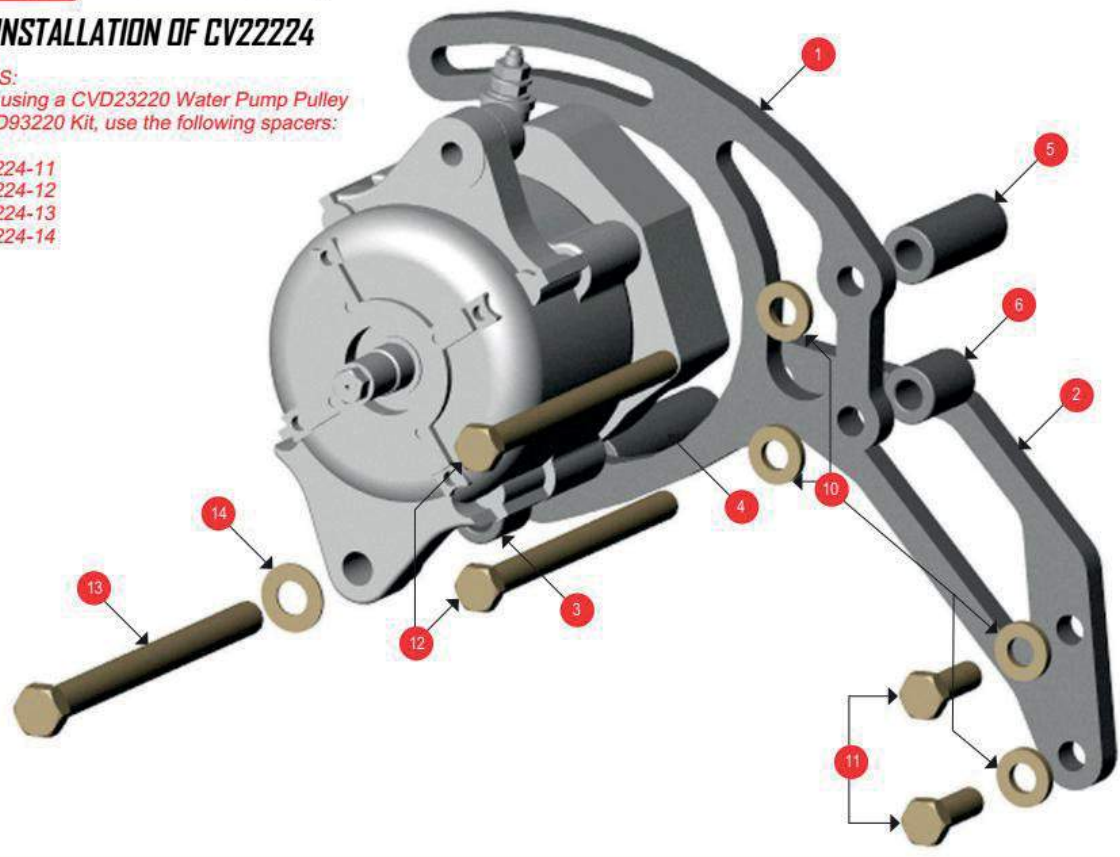
*NOTE: Additional spacers available for other spacing options



INSTALLATION OF CV22224

NOTES:
 When using a CVD23220 Water Pump Pulley
 or CVD93220 Kit, use the following spacers:

- CV22224-11
- CV22224-12
- CV22224-13
- CV22224-14



CV22225

SBC ALTERNATOR MOUNTING BRACKET KIT

- Passenger Side - High Mount
- Designed to mount 110-118mm Denso-style alternators
- 6061 T-6 billet aluminum
- Grade 8 fasteners
- Spacers and washers included

Fits the following Powermaster alternator applications:

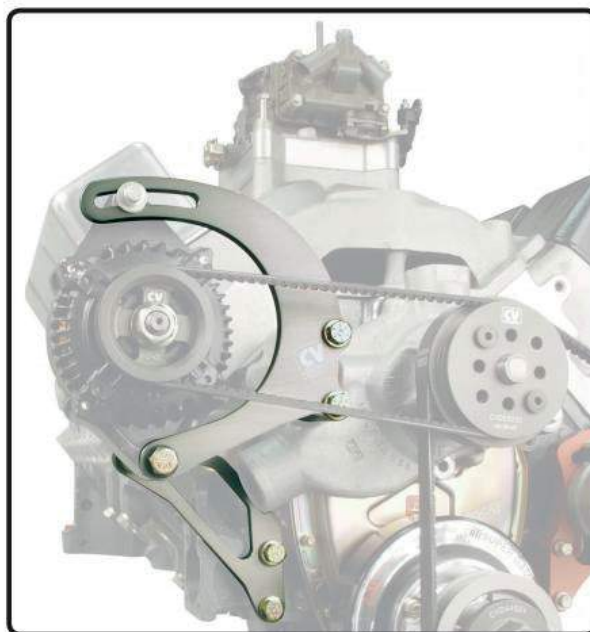
CV8102-PM
CV8132-PM
CV8142-PM*
CV8152-PM*
CV8166-PM*

*NOTE: Application may require spacer adjustments.

KIT INCLUDES:

REF #	PART #	DESCRIPTION	QTY.
1	CV22225-1	Large Alternator Bracket	1
2	CV22224-2	Small Alternator Bracket	1
-	CV22225-2*	2.250" Spacer	1
-	CV22225-3*	1.441" Spacer	1
-	CV22225-4*	.806" Spacer	1
6	CV22225-5	3.025" Spacer	1
7	CV22225-6	2.241" Spacer	1
8	CV22225-7	1.606" Spacer	1
9	BLTCK	3/8" Super Washer	4
10	BLTDK	7/16" Super Washer	1
11	BLTCC1.000B	3/8"-16 x 1.000" Hex Bolt	2
12	BLTCC4.500B	3/8"-16 x 4.500" Hex Bolt	2
-	BLTCC5.250B*	3/8"-16 x 5.250" Hex Bolt	2
-	BLTCC4.000B*	7/16"-14 x 4.000" Hex Bolt	1
15	BLTCC5.000B*	7/16"-14 x 5.000" Hex Bolt	1

*NOTE: Additional spacers and bolts available for other spacing options



CV RACING
PRODUCTS

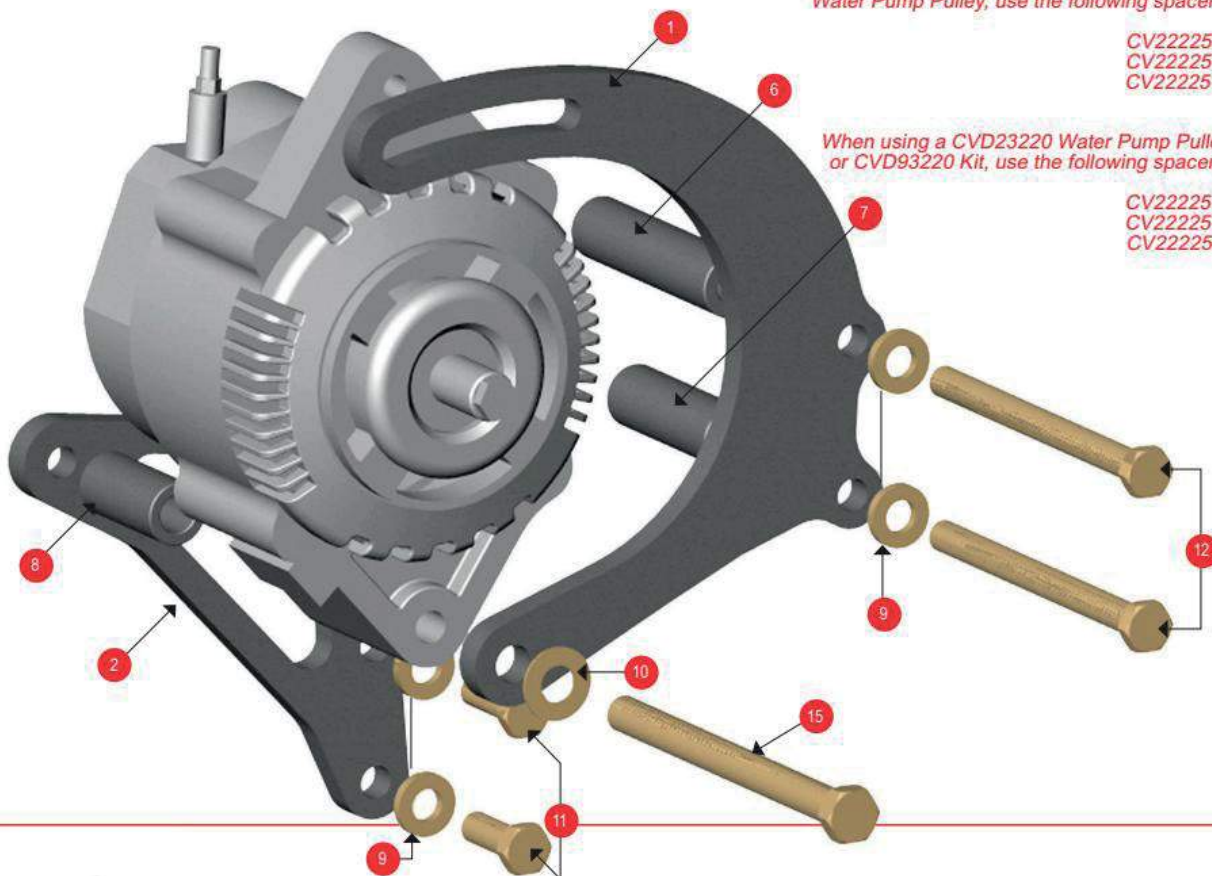
INSTALLATION OF CV22225

NOTES:
When using a CVD23222 or CVD23300
Water Pump Pulley, use the following spacers:

CV22225-2
CV22225-3
CV22225-4

When using a CVD23220 Water Pump Pulley
or CVD93220 Kit, use the following spacers:

CV22225-5
CV22225-6
CV22225-7



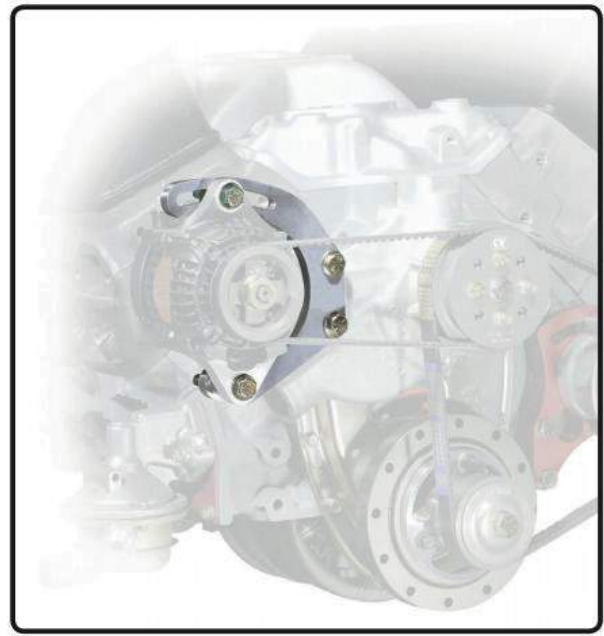
CV32200

SBC/BBC ALTERNATOR MOUNTING BRACKET KIT

- Passenger Side - High Mount
- Designed to mount 93mm Denso-style alternators
- 6061 T-6 billet aluminum
- Grade 8 fasteners
- Spacers and washers included

Fits the following Powermaster alternator applications:
 CV8162-PM
 CV8172-PM

NOTE: The CV32200 mounting bracket will work with a variety of pulley/belt drive systems, but has been designed specifically for use with the CVD93220 S-Drive™ serpentine drive system.



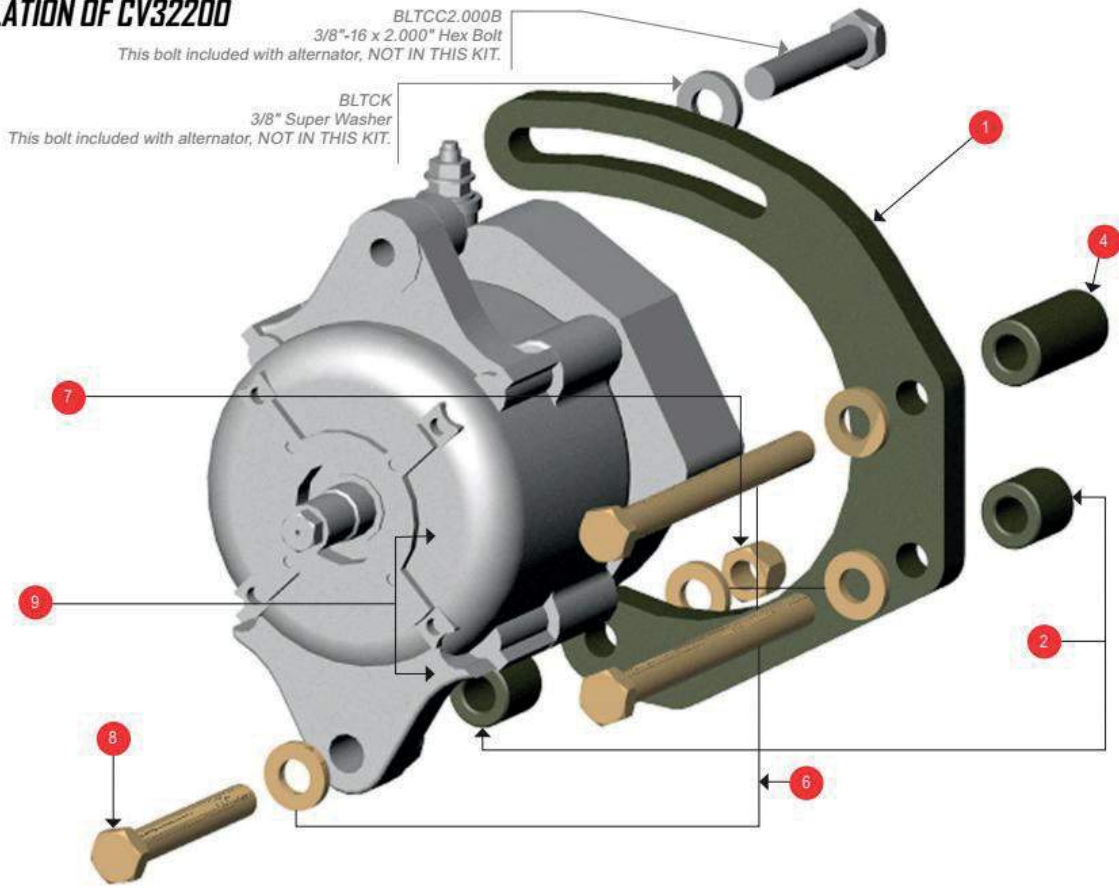
KIT INCLUDES:

REF #	PART #	DESCRIPTION	QTY.
1	CV32200-1	Alternator Bracket	1
2	CV32200-3	.750" Spacer	2
-	CV32200-4*	.900" Spacer	1
4	CV32200-5	1.500" Spacer	1
-	CV32200-6*	1.750" Spacer	1
6	BLTCK	3/8" Super Washer	4
7	BLTCCT	3/8" Nylon Insert Nut	1
8	BLTCC2.500B	3/8"-16 x 2.500" Hex Bolt	1
9	BLTCC4.000B	3/8"-16 x 4.000" Hex Bolt	2

**NOTE: Additional spacers available for other spacing options*



INSTALLATION OF CV32200



CV32201

SBF 351W ALTERNATOR MOUNTING BRACKET KIT

- Passenger Side - High Mount
- Designed to mount 93mm Denso-style alternators
- 6061 T-6 billet aluminum
- Grade 8 fasteners
- Spacers and washers included

Fits the following Powermaster alternator applications:
CV8162-PM
CV8172-PM

NOTE: The CV32201 mounting bracket will work with a variety of pulley/belt drive systems, but has been designed specifically for use with the CVD93222 S-Drive™ serpentine drive system.

KIT INCLUDES:

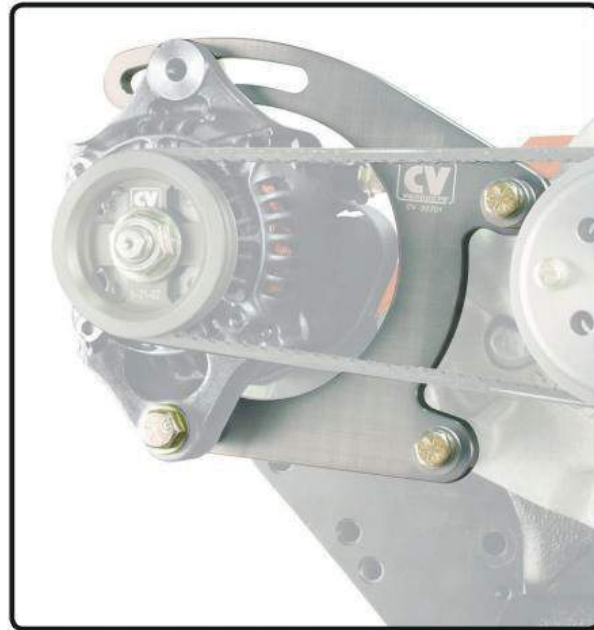
REF #	PART #	DESCRIPTION	QTY.
1	CV32201-1	Alternator Bracket	1
2	CV32201-2*	.550" Spacer	1
3	CV32201-3	.750" Spacer	1
-	CV22224-17**	.248" Spacer	1
-	CV22226-1*	1.135" Spacer	1
6	BLTCL	3/8" AN Washer	1
7	BLTCK	3/8" Super Washer	4
8	BLTCC2.750B	3/8"-16 x 2.750" Hex Bolt	1
9	BLTCC5.500B	5/16"-18 x 5.500" Hex Bolt	1
10	BLTCC2	3/8" Nylon Insert Nut	1
11	BLTBK	5/16" Super Washer	2
12	BLTBC3.250B	5/16"-18 x 2.250" Hex Bolt	1

*THESE spacers are designed for use with a SC46113 Stewart Water Pump.

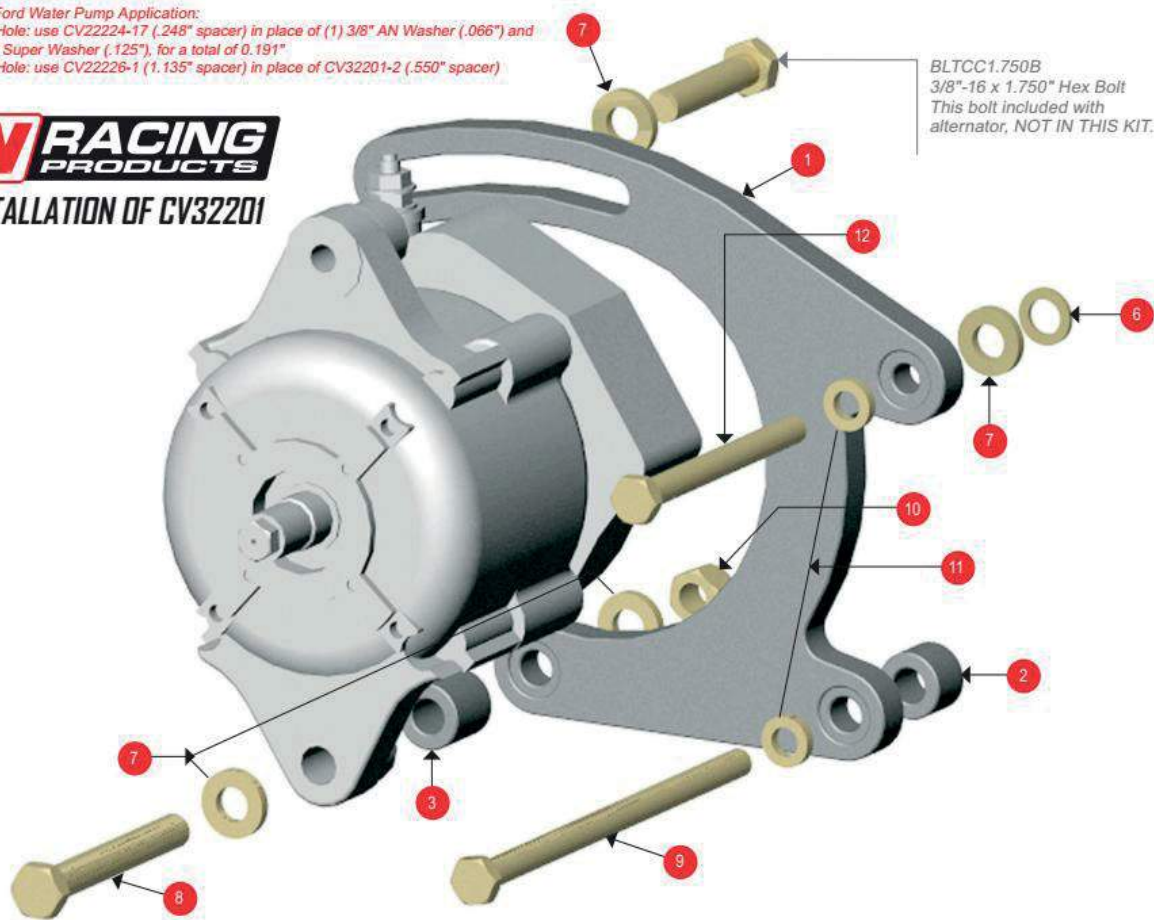
**Stock Ford Water Pump Application:

Upper Hole: use CV22224-17 (.248" spacer) in place of (1) 3/8" AN Washer (.066") and (1) 3/8" Super Washer (.125"), for a total of 0.191"

Lower Hole: use CV22226-1 (1.135" spacer) in place of CV32201-2 (.550" spacer)



INSTALLATION OF CV32201



CV32202

SBF ALTERNATOR MOUNTING BRACKET KIT

- Passenger Side - High Mount
- Designed to mount 110mm Denso-style alternators
- 6061 T-6 billet aluminum
- Grade 8 fasteners
- Spacers and washers included

Fits the following Powermaster alternator applications:

- CV8102-PM
- CV8132-PM
- CV8142-PM*
- CV8152-PM*
- CV8166-PM*

**NOTE: Application may require spacer adjustments.*



KIT INCLUDES:

REF #	PART #	DESCRIPTION	QTY.
1	CV32202-1	Alternator Bracket	1
-	CV32202-2*	.420" Spacer	2
3	CV32202-3	1.444" Spacer	1
4	CV32202-4	1.620" Spacer	1
5	BLTCC1.500B	3/8"-16 x 1.500" Hex Bolt	1
6	BLTCC3.500B	3/8"-16 x 3.500" Hex Bolt	1
7	BLTK	3/8" Super Washer	2
8	BLTBC4.500B	5/16"-18 x 4.500" Hex Bolt	1
9	BLTBC7.500B	5/16"-18 x 7.500" Hex Bolt	1
10	BLTK*	5/16" Super Washer	3

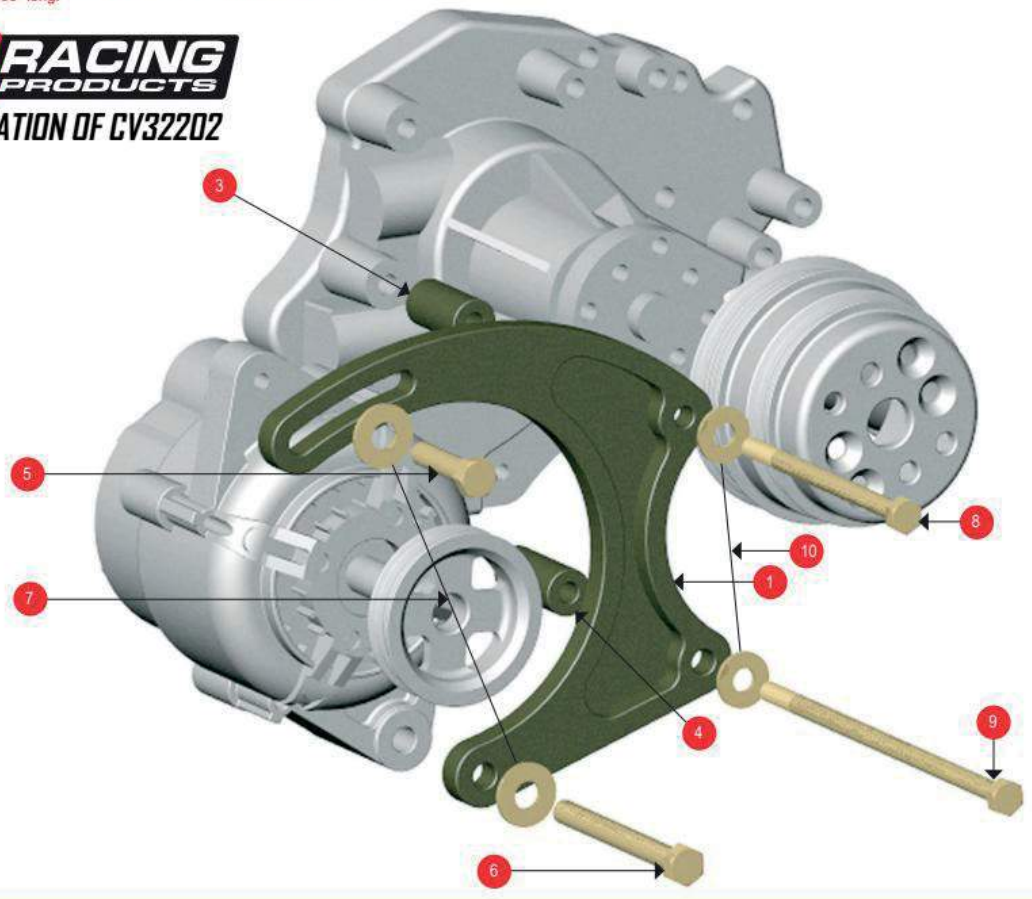
**Stock Ford Water Pump Application:*

Upper Hole: Use (1) 5/16" Super Washer (.135" long) along with (1) CV32202-3 (1.444" long), for a total of 1.579" long.

Lower Hole: Use (2) CV32202-2 (.420" long) with (1) CV32202-4 (1.620" long), for a total of 2.460" long.



INSTALLATION OF CV32202



WATER PUMP PULLEYS

V-GROOVE

PART #	DESCRIPTION	OD	OFFSET
CVD20202	Ford Double V-Groove Pulley	6.950"	2.706"
CVD22000	SBC Double V-Groove Pulley	7.800"	2.700"
CVD22030	SBC Double V-Groove Pulley	6.400"	2.700"

SERPENTINE

PART #	DESCRIPTION	OD	OFFSET
CVD20220	6-Rib Pulley	3.490"	1.683"
CVD20221	Accessory Pulley	3.200"	-
CVD20222	Accessory Pulley	2.851"	0.400"
CVD23220	5/3-Rib Pulley	3.953"/3.515"	1.292"
CVD23224	5/3-Rib Pulley	3.953"/3.515"	2.134"
CVD23225	5/3-Rib Pulley	4.953"/3.515"	2.434"
CVD23226	5/3-Rib Pulley SBF	3.953"/3.515"	2.434"
CVD23227	5/3-Rib Pulley SBF	3.953"/3.515"	2.434"
CVD23229	5/3-Rib Pulley SBF	3.953"/3.515"	2.684"
CVD23300	Twin 5-Rib Pulley	5.430"	2.127"
CVD23303	6/3-Rib Pulley	5.429"	2.127"
CVD23310	6-Rib Pulley	5.302"	1.828"
CVD23400	6/3-Rib Pulley	5.295"	2.475"
CVD24222	Counter Clockwise Pulley	5.490"	1.740"
CVD24225	5-Rib Chrysler Pulley	3.953"	2.804"

ACCESSORIES

PART #	DESCRIPTION	OD	ID
CVD40500	Adapter Bushing	0.750"	0.625"



CVD22000



CVD20202



CVD20221



CVD23221



CVD40500

WHAT DOES "OFFSET" MEAN

This is the distance from the inside of the pulley that contacts the water pump mounting flange to the back of the pulley.



CVD23224



CVD23226



CVD23304



CVD24222



CVD23220



CRANK PULLEYS

V-GROOVE

PART #	DESCRIPTION	OD	OFFSET
CVD30202	Single Groove with Twin Pin	5.000"	-
CVD30206	Double V-Groove, Ford	5.125"	1.05"
CVD30208*	Double V-Groove, SBC/BBC	4.984"	0.135"
CVD30209	Double V-Groove, SBC/BBC	4.984"	0.135"
CVD30298**	Double V-Groove w/Helicoli	4.984"	0.135"

*has an external locator **has a tab locator - See page 42

SERPENTINE

PART #	DESCRIPTION	OD	OFFSET
CVD30220	6-Rib Serpentine	2.500"	0.978"
CVD33220	5-Rib Serpentine	2.825"	0.478"
CVD33302	5-Rib Serpentine	2.702"	-
CVD33304*	6-Rib Serpentine	3.700"	-
CVD33304-060*	6-Rib Serpentine	3.640"	-0.430"
CVD33304-020*	6-Rib Serpentine	3.680"	-0.430"
CVD33304+020*	6-Rib Serpentine	3.720"	-0.430"
CVD33304+040*	6-Rib Serpentine	3.740"	-0.430"
CVD33304+060*	6-Rib Serpentine	3.760"	-0.430"
CVD33308	5-Rib Serpentine	3.700"	-
CVD33310	6-Rib Serpentine	4.382"	1.769"
CVD33400	6/3-Rib Serpentine	5.300"	2.470"

*CVD33304 series pulleys are available in .020" increments to aid in finding the correct belt tension for your application.



CVD30206



CVD30208



CVD33220



CVD33302

ALTERNATOR PULLEYS

V-GROOVE

PART #	DESCRIPTION	OD	OFFSET
CVD62041	Delco V-Groove	4.740"	0.153"
CVD62051	Denso V-Groove	5.500"	-
CVD62052	Denso V-Groove	5.490"	-
CVD62053	Denso V-Groove	5.490"	0.154"
CVD62060	Denso V-Groove	4.980"	0.275"

SERPENTINE

PART #	DESCRIPTION	OD	OFFSET
CVD60220	Denso 3-Rib	2.700"	0.275"
CVD63301	Bosch 5-Rib	2.050"	0.679"
CVD63304	Delco 3-Rib	3.690"	0.275"
CVD63305	Bosch 3-Rib	2.160"	0.017"
CVD63307	Denso 3-Rib	2.100"	0.275"
CVD64220	Denso 5-Rib	3.700"	0.275"



CVD34220



CVD62050

ALTERNATOR SPACERS

PART #	DESCRIPTION	OD	ID
CVD62045	Delco Spacer	0.390"	0.867"



CVD63305



CVD63307



CVD60220

POWER STEERING PULLEYS

V-GROOVE

PART #	DESCRIPTION	OD
CVD70204	V-Groove Pulley (Crank Mount)	3.000"
CVD70205	V-Groove Pulley (W/P Mount)	3.240"
CVD72060	V-Groove Pulley	6.126"
CVD75004	Interchangeable V-Groove Pulley*	10.000"

*Requires CVD75000

SERPENTINE

PART #	DESCRIPTION	OD
CVD73220	5-Rib Pulley	4.700"
CVD75005*	Interchangeable 5-Rib Pulley	5.975"
CVD75008*	Interchangeable 3-Rib Pulley	5.928"
CVD75305*	Interchangeable 3-Rib Pulley	3.900"
CVD75306*	Interchangeable 3-Rib Pulley	5.950"
CVD75307*	Interchangeable 3-Rib Pulley	4.996"

*Requires CVD75000



CVD70204



CVD70205



CVD72060



CVD74304



CVD75005



CVD75008



CVD73220

The NEW CVD75001 and CVD75002 pulleys have a unique design that will eliminate the ordinary hassles involved with changing a power steering pulley. You simply press the CV75000 adapter hub onto your power steering pump and attach the pulley to the hub with 6 screws. If you need to change from a V-Belt system to an S-Drive system (or vice versa), or simply need to change to a different pulley size, you simply remove the 6 screws. This new design eliminates the possibility of damaging a pulley, which is common when removing a "pressed-on" pulley.



CVD75000



CVD75100

POWER STEERING ACCESSORIES

PART #	DESCRIPTION
CVD75000	Interchangeable Pulley Hub

REAR END COOLER PUMP DRIVE PULLEY

PART #	DESCRIPTION	OD	SHAFT
CVD40100	Rear End Cooler Pump Drive Pulley	6.450"	5/8"



CVD40100



GILMER GEAR SQUARE OIL PUMP DRIVE GEARS

PART #	TOOTH #	WIDTH	DESCRIPTION
CVD11133	33T	1.000"	Solid Center
CVD11136	36T	1.000"	Solid Center
CVD11228	28T	1.000"	Lightweight
CVD11230	30T	1.000"	Lightweight
CVD11233	33T	1.000"	Lightweight
CVD11326	26T	1.500"	Solid Center
CVD11332	32T	1.500"	Solid Center
CVD11333	33T	1.500"	Solid Center
CVD11336	36T	1.500"	Solid Center
CVD11426	26T	1.500"	Lightweight
CVD11430	30T	1.500"	Lightweight
CVD11432	32T	1.500"	Lightweight
CVD11433	33T	1.500"	Lightweight
CVD11436	36T	1.500"	Lightweight



GILMER GEAR SQUARE WATER PUMP DRIVE GEARS

PART #	TOOTH #	THICKNESS
CVD12210	30T	2.205"
CVD12220	32T	2.205"



GILMER GEAR SQUARE TWIN-PIN™ DRIVE GEARS

PART #	TOOTH #	THICKNESS
CVD15216	16T	1.100"
CVD15217	17T	1.100"
CVD15218	18T	1.100"
CVD15222	22T	1.100"
CVD15223	23T	1.100"
CVD15316	16T	0.600"



GILMER GEAR/HTD SQUARE GEAR DRIVES

PART #	TOOTH #	THICKNESS
CVD11028	28T	2.602"
CVD11030	30T	2.820"
CVD11032	32T	3.087"

HTD (8MM) ROUND OIL PUMP DRIVE GEARS

PART #	TOOTH #	THICKNESS
CVD11632	32T	1.100"
CVD11640	40T	1.100"
CVD11642	42T	1.125"
CVD11645	45T	1.100"
CVD11936*	36T	1.500"

*Bert Brin Pulley

HTD (8MM) ROUND WATER PUMP DRIVE GEARS

PART #	TOOTH #	THICKNESS
CVD12340	40T	2.205"

HTD (8MM) ROUND KEYLOCK™ DRIVE GEARS

PART #	TOOTH #	THICKNESS
CVD15516	16T	0.850"
CVD15517	17T	0.850"
CVD15518	18T	0.850"
CVD15519	19T	0.850"
CVD15520	20T	0.850"
CVD15521	21T	0.850"
CVD15522	22T	0.850"

HTD (8MM) ROUND TWIN-PIN™ DRIVE GEARS

PART #	TOOTH #	THICKNESS
CVD15622	22T	0.850"
CVD15623	23T	0.850"
CVD15624	24T	0.850"
CVD15625	25T	0.850"

OIL PUMP PRIMER DRIVE

PART #	DESCRIPTION
CVD44200	Oil Pump Primer Drive w/5/8" Shaft w/Bolt & Washer



CVD44200



CVD15622



CVD11638



CVD11632



CVD11936



Close Up View of Keylock Design



CVD15516



CVD15624



CVD15519



CVD44438



CVD44439



CVD46001

HAT WASHERS/WASHERS

PART #	DESCRIPTION	ID
CVD44438	Standard 7/16"	0.453"
CVD44439	1.25" Hex 7/16"	0.453"
CVD44500	Standard 1/2"	0.51"
CVD44501	1.250" Hex 1/2"	0.515"
CVD44750	Standard 3/4"	0.765"
CVD45126	Steel Tab Washer fits CVD55125 Hub Chrysler	0.760"
CVD46001	1.250" Hex 1/2" w/Keylock Flange	0.515"
CVD50224	SBF Balance Washer	0.641"



CVD40300



CVD43005



CVD43100



CVD43220



CVD40211



CVD40214

SPACERS

PART #	DESCRIPTION	THICKNESS	OD	ID
CVD40211	Crank Pulley Spacer	0.125"	4.000"	1.250"
CVD40212	Crank Pulley Spacer	0.250"	4.000"	1.250"
CVD40215	SBC Drive Hub Spacer	0.375"	4.000"	1.000"
CVD40216	SBC Drive Hub Spacer	0.500"	4.000"	1.000"
CVD40300	Twin-Pin™ Crank Drive Spacer (Male Twin-Pin™ to Female Keylock™)	0.325"	2.500"	0.688"
CVD40301	Keylock™ Crank Drive Spacer (Male Keylock™ to Female Twin-Pin™)	0.325"	2.500"	0.813"
CVD40302	Keylock™ Crank Drive Spacer (solid version)	0.325"	2.500"	0.813"
CVD40308	Keylock™ Crank Drive Spacer	0.750"	2.480"	0.813"
CVD40309	Keylock™ Crank Drive Spacer	1.000"	2.480"	0.813"
CVD40310	Keylock™ Crank Drive Spacer (Male Keylock™ to Female Twin-Pin™)	0.450"	2.480"	0.813"
CVD42055	Pulley Spacer	0.385"	0.865"	0.590"
CVD43005	Twin-Pin™ / 16-19 Tooth Gears	0.050"	2.500"	1.280"
CVD43010	Twin-Pin™ / 21-23 Tooth Gears	0.050"	3.000"	1.280"
CVD43125	Twin-Pin™ Spacer	0.250"	2.470"	1.000"
CVD43150	Twin-Pin™ Spacer	0.500"	2.470"	1.000"
CVD43220	Crank Hub Spacer - Serpentine	0.250"	2.000"	1.000"
CVD43221	Crank Hub Spacer - Serpentine	0.188"	2.000"	1.000"
CVD43222	Crank Hub Spacer - Serpentine	0.375"	2.000"	1.000"
CVD43223	Crank Hub Spacer - Serpentine	0.500"	2.000"	1.000"
CVD55738	Ford Hub Spacer	0.375"	4.185"	0.515"
CVD62045	Alternator Spacer - Serpentine - Delco Shaft	0.385"	0.865"	0.671"

TYPES OF LOCATORS



EXTERNAL



INTERNAL



TAB LOCATOR

DRIVE HUBS

PART #	APPLICATION	DESCRIPTION	BOLT CIRCLE	LOCATER TYPE
CVD53000	SBC/BBC	Crank Trigger Hub Twin-Pin Keylock	3.200"	External
CVD53003	BBC	Crank Trigger Hub Twin-Pin Keylock	3.200"	External
CVD53100	SBC	2.5" OD Double V-Groove w/Helicoil	3.200"	Tab
CVD53224	SBF	Serpentine Drive Hub	3.300"	External
CVD53225	Dodge	6 Bolt Serpentine Drive Hub	2.826"	Tab
CVD53226	SBF	Serpentine Drive Hub	3.300"	Internal
CVD53304	SBC	Serpentine Drive Hub	3.200"	Tab
CVD53320	SBC	Serpentine Pro Hub	3.200"	Tab
CVD53324	SBF	Serpentine Pro Hub	3.300"	External
CVD53420	SBC	Extra Light Drive Hub	3.200"	Tab
CVD53440*	SBC	Extra Light Drive Hub	3.200"	Tab
CVD55124	SBC/SBF	Serpentine Drive Hub	3.200"/3.300"	Tab
CVD55126	SBC	Serpentine Drive Hub	3.200"	External
CVD55127	SBC/SBF	Serpentine Drive Hub w/BBC Adapter	3.200"/3.300"	External
CVD55704	Ford V6	Serpentine Drive Hub	3.180"	External
CVD55800	Chrysler	3 or 6 Bolt Drive Hub Adapter	2.825"	External

*Used on CVD96220 & CVD96221



CVD53320



CVD53324



CVD55180

DRIVE HUBS

- HUBS LISTED BELOW ACCEPT CVD54000 & CVD44100 SHIMS

PART #	APPLICATION	DESCRIPTION	BOLT CIRCLE	LOCATER TYPE
CVD55110	SBC	Sheeve Drive Hub	3.200"	External
CVD55180	SBC	Sheeve Drive Hub	3.200"	External
CVD55180A	SBC	Crank Hub/Sheeve Assembly	1.245"	External
CVD55231	SBC	Sheeve Drive Hub	3.200"	External
CVD55700*	SBF	Sheeve Drive Hub	3.200"/3.300"	External
CVD55710*	SBF	Sheeve Drive Hub	3.200"/3.300"	External
CVD55790*	SBF	Sheeve Drive Hub	3.200"/3.300"	External

*All Ford hubs have an additional 3.200 bolt circle to accept sheeves and shims.

NOTE: Add "-A" to any of the above part numbers to order a complete assembly with sheeves and shims.

DRIVE HUB ADAPTERS & RELATED COMPONENTS

PART #	DESCRIPTION	THICKNESS
CVD40208	Tab Locator	.469"
CVD43051	Twin Pin Shim	.015"
CVD44100	Sheeve Shim	.015"
CVD44300	Big Block Hub to SB Pulley	.500"
CVD45232	Drive Adapter	.438" ID
CVD53001	SBC Crank Trigger Hub Adapter 1.246" ID	.322"
CVD53002	BBC Crank Trigger Hub Adapter 1.246" ID	.322"
CVD54000	Drive Hub Sheeve V-Groove Pulley Half 3.200" Bolt Circle	
CVD55738	SBF Drive Hub Spacer .375"	3.300" Bolt Circle
CVD55800A	Chrysler Crank Assembly Pulley	.515"



CVD40208



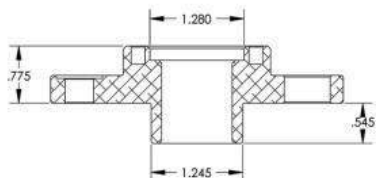
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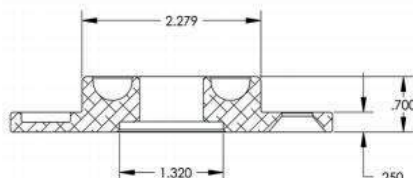
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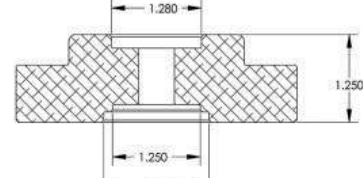
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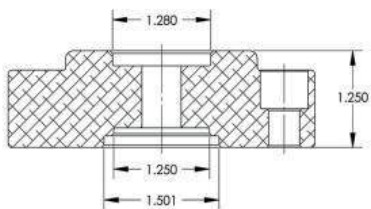
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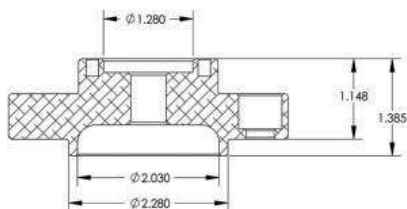
CVD53304



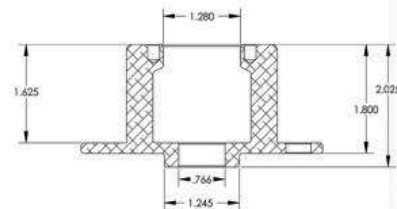
CVD55125



CVD55126



CVD55180



CVD45125



CVD45231



CVD45232



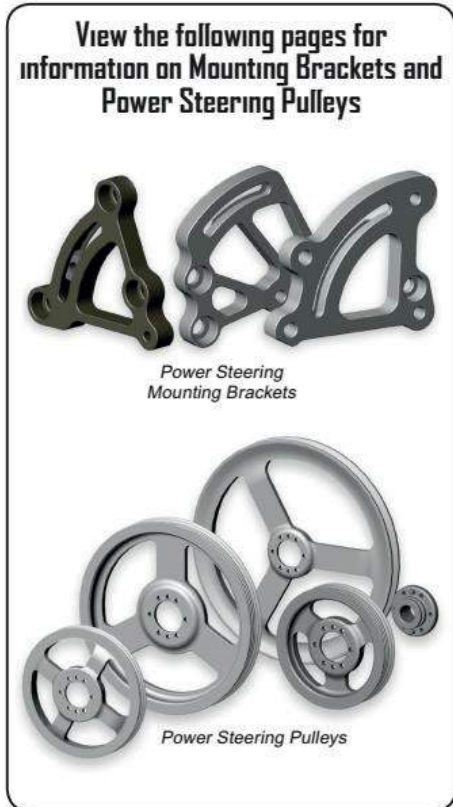
CVD53001



CVD53002



CVD55738



CV RACING PRODUCTS' POWER STEERING PUMPS ARE AVAILABLE WITH OR WITHOUT PULLEY

Lo-Drag™ Race Series Pump - Designed for racing use only. Its proprietary internal design adjusts fluid volume/pressure for race car requirements: the result is lower operating temperatures (up to 150° cooler) and a savings of up to 5 hp in cumulative parasitic horsepower loss. Fully tested and used from Sprint Cup to Late Model Stock!

NOTE: A standard size (approx. 5" O.D. or smaller) power steering pulley should be used with the Lo-Drag™ race p/s pump. An oversized pulley not only adds weight and takes up more space, it could slow the pump down enough at low engine rpm to lose steering assistance.

EVERY CV RACING PRODUCTS' POWER STEERING PUMP INCLUDES THE FOLLOWING:

- 1) Lightweight aluminum Saginaw®-style body
- 2) Stock appearing
- 3) Direct bolt-in replacement - no special mounting brackets required
- 4) Lightweight CV billet aluminum P/S pulley*
- 5) Special 1-piece, high-pressure, o-ring fittings eliminate leaks

**NOTE: Power Steering Pumps also available with pulley.*

GM SAGINAW® STEERING BOX FITTINGS

PART #	APPLICATION	DESCRIPTION	SIZE
CVF-77-222	GM 82-later Saginaw	Metric (-18mm)	-6AN Inlet
CVF-77-223	GM 81-earlier Saginaw	w/ O-ring	-6AN Inlet
CVF-77-224	GM 82-later Saginaw	Metric (-16mm)	-6AN Return
CVF-77-225	GM 81-earlier Saginaw	w/ O-ring	-6AN Return

These precision steel fittings install in GM Saginaw®-style Steering Boxes and have a -6AN male out fitting that allows you to install aftermarket power steering lines. There are two styles of fittings - both are required for each box. Fittings are available for 81-earlier and 82-later applications.





CV4250 - POWER STEERING RESERVOIR ASSEMBLY

The CV4250 Billet Aluminum Reservoir Assembly mounts directly onto the side of O.E. Saginaw®-style power steering pumps. (ex.-part# CV235N/P).

- 6061-T6 Billet Aluminum
- Smaller fluid capacity that is properly matched to today's power steering systems
- Weight reduction
- 4-Way adjustable reservoir positioning (12 & 6 o'clock or 10 & 4 o'clock)
- Grade 8 fasteners and washers included
- 3/8" NPT Allen Plug

NOTE: The CV4250-5 reservoir tank is pre-installed into the base using high strength (Red) thread lock. Users should regularly check and verify proper installation and seal of the tank to the base.

A non-vented cap comes standard on this assembly. The pressure measured in the reservoir or at the cap does not exceed 10psi. This small amount of pressure helps reduce cavitation.



KITS

PART #	DESCRIPTION
CV4250	P/S Reservoir Kit / Standard Brackets
CV4251	P/S Reservoir Kit / High Mount Brackets
CV4252	P/S Reservoir Kit / No Brackets

BODY

PART #	DESCRIPTION
CV4250-1	P/S Mount Body

TANKS

PART #	DESCRIPTION
CV4250-5	P/S Reservoir Tank 4.025"

CAPS

PART #	DESCRIPTION
CV4250-9-1	P/S Cap / Vented
CVC460	Hex Head Reservoir Cap / Vented

HARDWARE

PART #	DESCRIPTION
CV4250-BK	Bolt Kit Replacement For CV4250
CV4251-BK	Bolt Kit Replacement For CV4251
CV4252-BK	Bolt Kit Replacement For CV4252

BRACKETS & MOUNT

PART #	DESCRIPTION
CV4250-2	12 & 6 O'clock Bracket
CV4250-3	10 & 4 O'clock Bracket
CV4250-7	10 & 4 O'clock Bracket
CV4250-10	P/S Tank Mount

P/S PUMP SPACERS

PART #	DESCRIPTION
CV4250-250	P/S Pump Spacer .250"
CV4250-750	P/S Pump Spacer .750"
CV4250-1000	P/S Pump Spacer 1.000"

NEW HIGHER TEMP FORMULA EXTREME RACING LUBRICANTS™ POWER STEERING FLUID

CV Products offers Extreme Power Steering Fluid. A formulated power steering fluid for high temperature endurance racing events. Racing evolves on a daily basis. Engine builders have been running their engines much hotter to increase mileage and improve power. Some of this additional heat load is finding it's way in the power steering fluid.

EXT4251 is the power steering fluid of choice when the fluid temp approaches 250F and above. ATF cannot operate at this temperature. Extreme 4251 retains the excellent low expansion rate and lubricity racing requires.



CV4250-9 Vented Cap



CV4250-5 4" Reservoir Tank



CV4250-10

Universal Tank Mount for CV4252 Can be mounted anywhere with a 3/8" bolt or stud.
**Recommended for the CV3224 Low Mount P/S Pump Kit*



CV4250-250 Power Steering Pump Spacer .250"

POWER STEERING ACCESSORIES

PART #	DESCRIPTION
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CVD75000 Interchangeable Pulley Hub
Simply install the CV75000 adapter hub by using a puller/installer tool onto your power steering pump and attach the pulley to the hub with 6 screws. If you need to change from a V-Belt system to an S-Drive system (or vice versa), or simply need to change to a different pulley size, you simply remove the 6 screws. This new design eliminates the possibility of damaging a pulley, which is common when removing a "pressed-on" pulley.



CVD75000 Interchangeable Pulley Hub



SUPER CLEAN POWER STEERING FLUID

PART #	DESCRIPTION
EXT4251	Super Clean P/S Fluid, 1 quart

NOTE: Extreme Power Steering Fluid is recommended because of its low expansion rate.



CV3224

SBC POWER STEERING MOUNTING BRACKET KIT (BLOCK MOUNT)

- Designed for wet sump oil pump applications
- Designed to mount any standard Saginaw®-style P/S pump
- Driver Side - Block/Low Mount
- 6061-T6 billet aluminum, hard anodized
- Grade 8 Fasteners
- Spacers and washers included

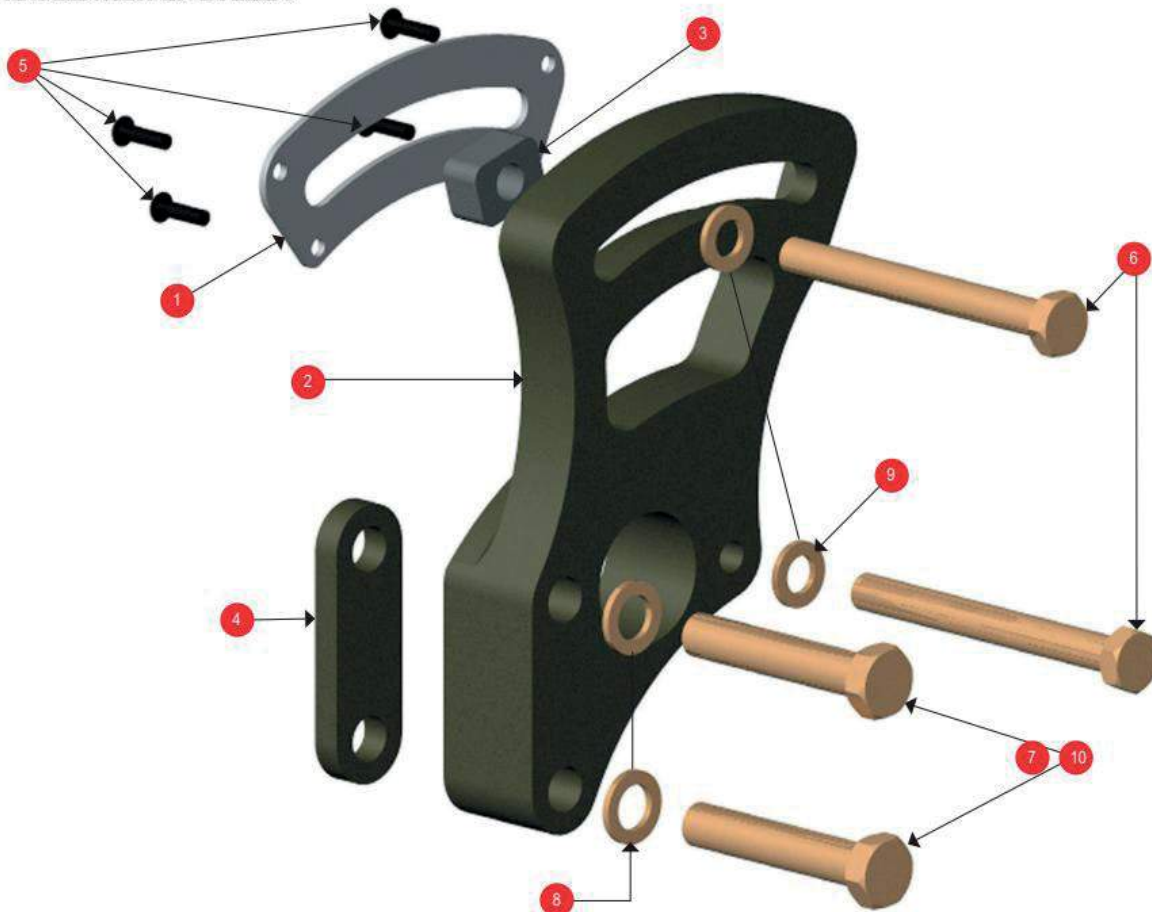
NOTE: The CV3224 mounting bracket will work with a variety of pulley/belt drive systems, but has been designed specifically for use with the CVD93221 S-Drive™ serpentine drive system.

KIT INCLUDES:

REF #	PART #	DESCRIPTION	QTY.
1	CV3224-2	Nut Plate	1
2	CV3224-1	SBC Mounting Bracket	1
3	CV222NUT	Bracket Nut	1
4	CV3224-SP	Spacer	1
5	BLT-32X.500F	6/32" x .500" Button Head Allen Screw	4
6	BLTBF3.000B	5/16"-24 x 3.000" Hex Bolt	2
7	BLTCC2.000B	3/8"-16 x 2.000" Hex Bolt	2
8	BLTBL	5/16" AN Washer	2
9	BLTCL	3/8" AN Washer	2
10	BLTTCF1.750B	3/8"-16 x 1.750" Hex Bolt (when CV3224-SP spacer is not used)	2



INSTALLATION OF CV3224



CV222

SBC POWER STEERING MOUNTING BRACKET KIT (HEAD MOUNT)

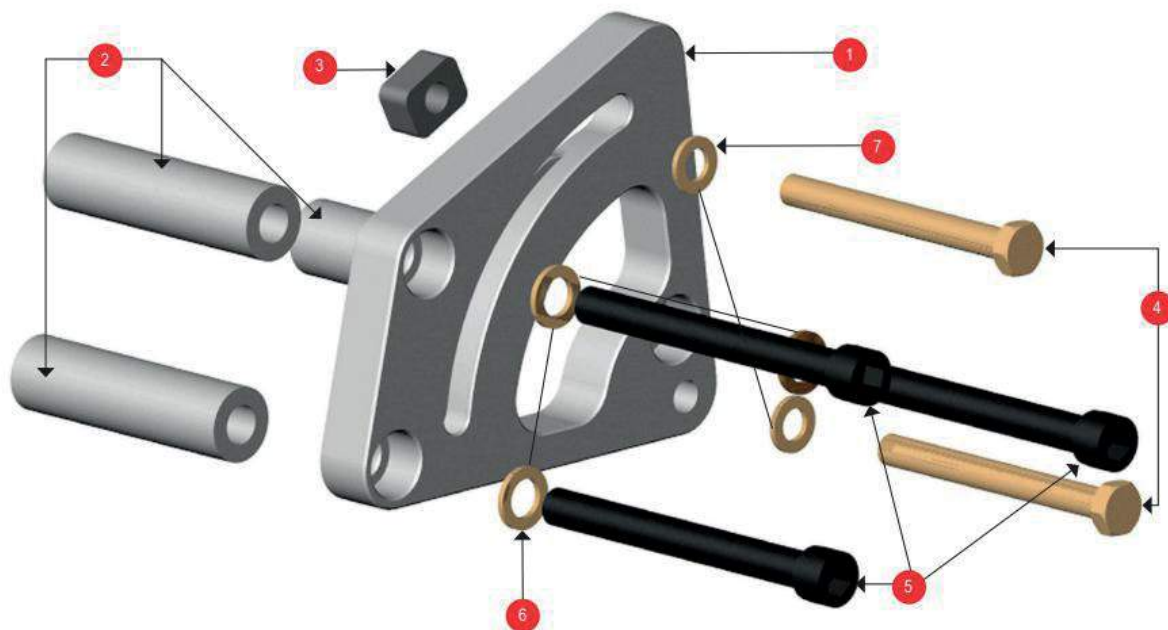
- Driver Side - Cylinder Head/High Mount
- Designed to mount any standard Saginaw®-style P/S pump
- 6061 T-6 billet aluminum
- Grade 8 fasteners
- Spacers and washers included (Extra length spacers included to allow exact spacing of bracket - length adjustment required.)

KIT INCLUDES:

REF #	PART #	DESCRIPTION	QTY.
1	CV222-MNT	SBC Mounting Bracket	1
2	CV222-SP	Spacer	3
3	CV222-NUT	Bracket Nut	1
4	BLTBF3.000B	5/16"-24 x 3.000" Hex Bolt	2
5	BLTCC3.500C	3/8"-16 x 3.500" Allen Bolt	3
6	BLTCL	3/8" AN Washer	3
7	BLTBL	5/16" AN Washer	2



INSTALLATION OF CV222



CV222-SBC-LTW

SBC LIGHTWEIGHT POWER STEERING MOUNTING BRACKET KIT (HEAD MOUNT)

- Driver Side - Cylinder Head/High Mount
- Designed to mount any standard Saginaw®-style P/S pump
- 6061-T6 billet aluminum
- Grade 8 fasteners
- Spacers and washers included (Extra length spacers included to allow exact spacing of bracket - length adjustment required)
- Captured slip-nut has no knurling on the mounting side of the nut to scar the slip channel and limit future belt adjustments

NOTE: The CV222-SBC-LTW mounting bracket will work with a variety of pulley/belt drive systems, but has been designed specifically for use with the CVD93220 S-Drive™ serpentine drive system.

KIT INCLUDES:

REF #	PART #	DESCRIPTION	QTY.
1	CV222-SBC-LTWV	SBC Lightweight Mounting Bracket	1
2	CV222-SBC-LTW-SP	3 PK Spacers 2.776"ID/.392"OD	1
3	CV222NUT	P/S Bracket Nut	1
4	BLTBN	5/16" Splitlock Washer	2
5	BLTBL	5/16" AN Washer	2
6	BLTBF3.000B	5/16"-24 x 3.000" Hex Bolt	2

CV222-SBC-LTWI

KIT INCLUDES:

REF #	PART #	DESCRIPTION	QTY.
1	CV222-SBC-LTWV	SBC Lightweight Mounting Bracket	1
2	CV222-NUT	P/S Bracket Nut	1
3	CV22222-D	Spacer .675"/.392"ID/.740"OD	3
4	CV22223-6	Spacer .950"/.392"ID/.740"OD	3
5	BLTBF3.000B	5/16"-24 x 3.000 Hex Bolt	2
6	BLTCC1.500C	3/8" x 1.5" Allen Bolt	1
7	BLTCC2.000B	3/8"-16 x 2.000 Hex Bolt	2
8	BLTBL	5/16" AN Washer	2
9	BLTBN	5/16" Splitlock Washer	2
10	BLTCL	3/8" AN Washer	3



CV222-SBC-LTWI (shown)

CV222-BBC

BBC POWER STEERING MOUNT KIT

- Driver Side - Cylinder Head/High Mount
- Designed to mount any standard Saginaw®-style P/S pump
- 6061 T-6 billet aluminum
- Grade 8 fasteners
- Spacers and washers included

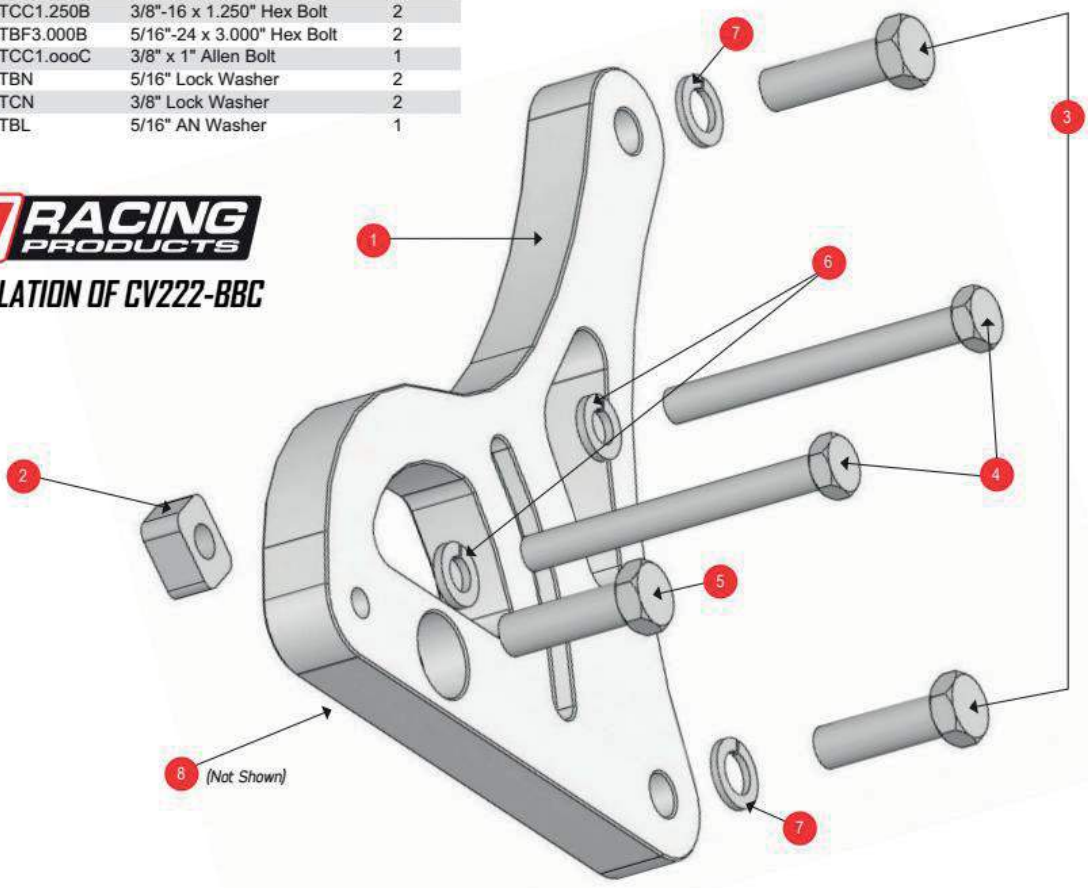


KIT INCLUDES:

REF #	PART #	DESCRIPTION	QTY.
1	CV222-BBC	Bracket Only P/S BBC	1
2	CV222-NUT	P/S Bracket Nut	1
3	BLTCC1.250B	3/8"-16 x 1.250" Hex Bolt	2
4	BLTBF3.000B	5/16"-24 x 3.000" Hex Bolt	2
5	BLTCC1.000C	3/8" x 1" Allen Bolt	1
6	BLTBN	5/16" Lock Washer	2
7	BLTCN	3/8" Lock Washer	2
8	BLTBL	5/16" AN Washer	1



INSTALLATION OF CV222-BBC



CV222-SBF

SBF POWER STEERING MOUNTING BRACKET KIT (HEAD MOUNT)

- Driver Side - Cylinder Head/High Mount
- Designed for wet or dry sump Small Block Ford applications
- Designed to mount any standard Saginaw®-style P/S pump
- 6061-T6 billet aluminum
- Grade 8 fasteners
- Spacers and washers included



KIT INCLUDES:

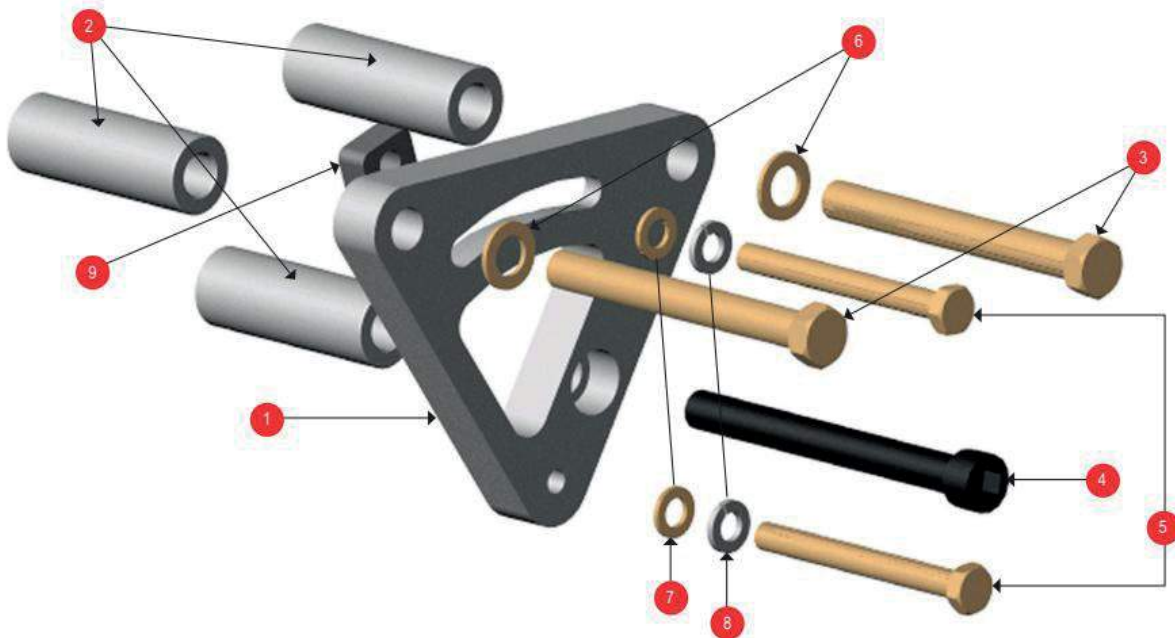
REF #	PART #	DESCRIPTION	QTY.
1	CV222-SBF-1	SBF Mounting Bracket	1
2	CV222-SBF-2	Spacer	3
3	BLTTDC3.750B	7/16"-14 x 3.750" Hex Bolt	2
4	BLTDC3.250C	7/16"-14 x 3.250" Allen Bolt	1
5	BLTBF3.000B	5/16"-24 x 3.000" Hex Bolt	2
6	BLTDL	7/16" AN Washer	2
7	BLTBL	5/16" AN Washer	2
8	BLTBN	5/16" Splitlock Washer	2
9	CV222NUT	Bracket Nut	1

NOTE: The CV222-SBF mounting bracket will work with a variety of pulley/belt drive systems, but has been designed specifically for use with the CVD93222 S-Drive™ serpentine drive system.

NOTE: Fits "Windsor" Head



INSTALLATION OF CV222-SBF



CV222-SBF-CRATE-KIT

SBF HEAD MOUNT P/S BRACKET FITS S347JR & D3475R

- Driver Side - Cylinder Head/High Mount
- Designed for wet or dry sump fits Ford Crate Engines
- Designed to mount any standard Saginaw®-style P/S pump
- 6061-T6 billet aluminum
- Grade 8 fasteners
- Spacers and washers included

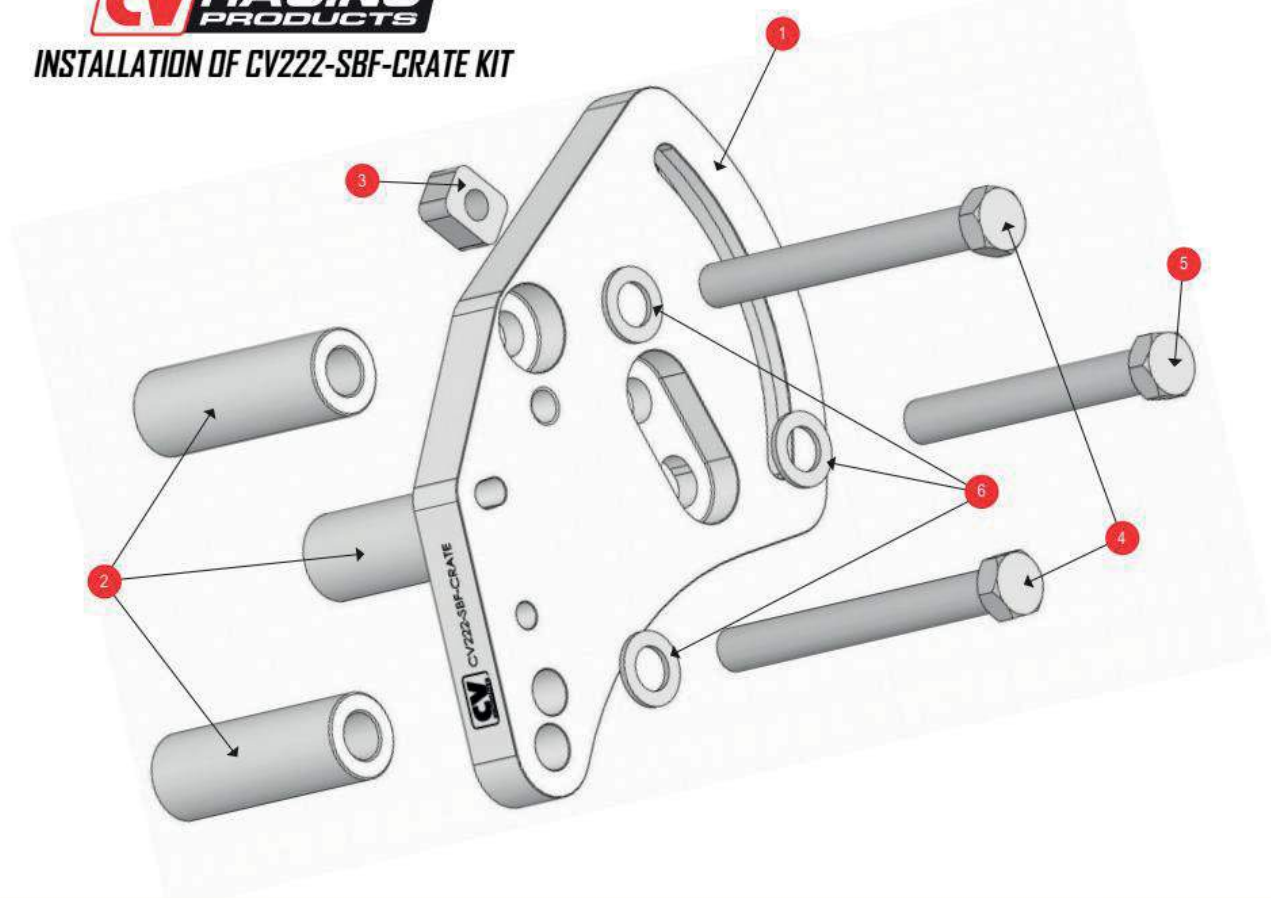


KIT INCLUDES:

REF #	PART #	DESCRIPTION	QTY.
1	CV222-SBF-CRATE	SBF Head Mount P/S Bracket	1
2	CV222-SBF-CRATE-SP	SBF P/S Bracket Spacers	3
3	CV222-NUT	P/S Bracket Nut	1
4	BLTDC3.750B	7/16"-14 x 3.750" Hex Bolt	2
5	BLTDC3.250B	7/16"-14 x 3.250" Hex Bolt	1
6	BLTDL	7/16" AN Washer	3



INSTALLATION OF CV222-SBF-CRATE KIT



CV222-SBF-LTW

SBF POWER STEERING MOUNTING BRACKET KIT (HEAD MOUNT)

- Driver Side - Cylinder Head/High Mount
- Designed for wet or dry sump small block Ford applications
- Designed to mount any standard Saginaw®-style P/S pump
- 6061-T6 billet aluminum
- Grade 8 fasteners
- Spacers and washers included
- Captured slip-nut has no knurling on the mounting side of the nut to scar the slip channel and limit future belt adjustments

NOTE: The CV222-SBF-LTW mounting bracket kit will work with a variety of pulley/belt drive systems, but has been designed specifically for use with the CVD93222 S-Drive™ serpentine drive system (without engine plate).

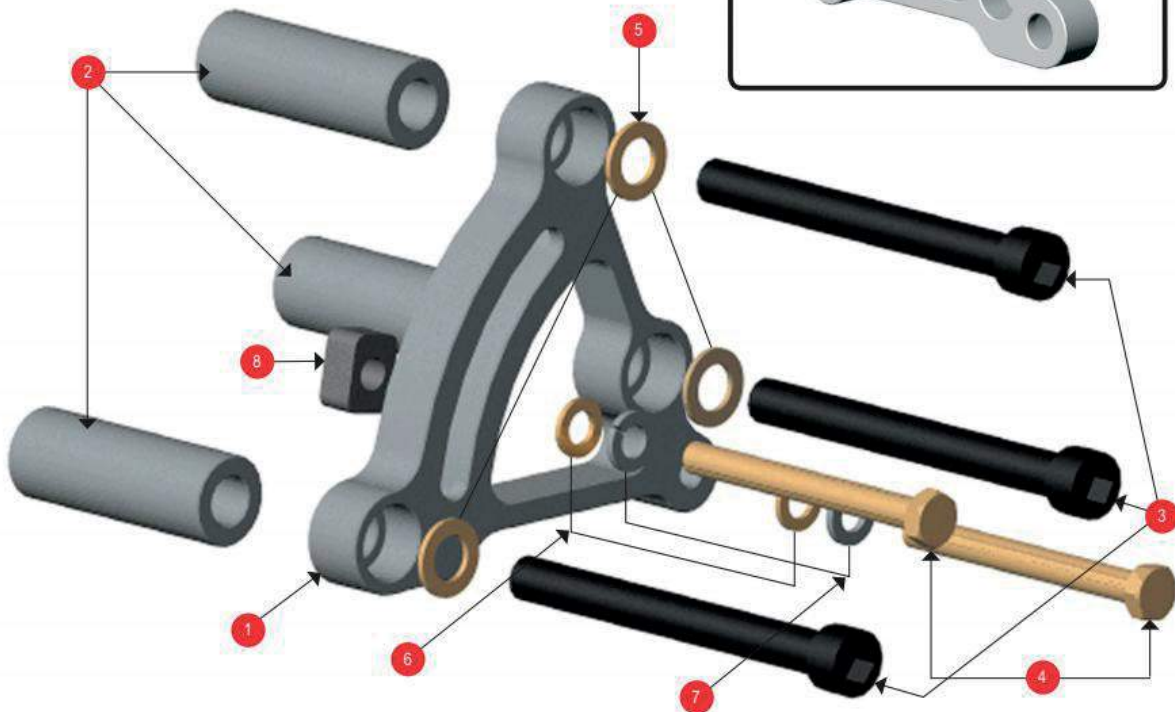
NOTE: Fits "Windsor" Head

KIT INCLUDES:

REF #	PART #	DESCRIPTION	QTY.
1	CV222-SBF-LTWV	SBF Lightweight Mounting Bracket	1
2	CV222-SBF-2	Spacer	3
3	BLTDC3.250C	7/16"-14 x 3.250" Allen Bolt	3
4	BLTBF3.000B	5/16"-24 x 3.000" Hex Bolt	2
5	BLTDL	7/16" AN Washer	3
6	BLTBL	5/16" AN Washer	2
7	BLTBN	5/16" Splitlock Washer	2
8	CV222NUT	Bracket Nut	1



INSTALLATION OF CV222-SBF



CV222-SBFY-LTW

SBF (YATES HEAD) LIGHTWEIGHT POWER STEERING MOUNTING BRACKET KIT (HEAD MOUNT)

- Driver Side - Cylinder Head/High Mount
- Designed for wet or dry sump Small Block Ford YATES applications
- Designed to mount any standard Saginaw®-style P/S pump
- 6061-T6 billet aluminum
- Grade 8 fasteners
- Spacers and washers included
- Captured slip-nut has no knurling on the mounting side of the nut to scar the slip channel and limit future belt adjustments

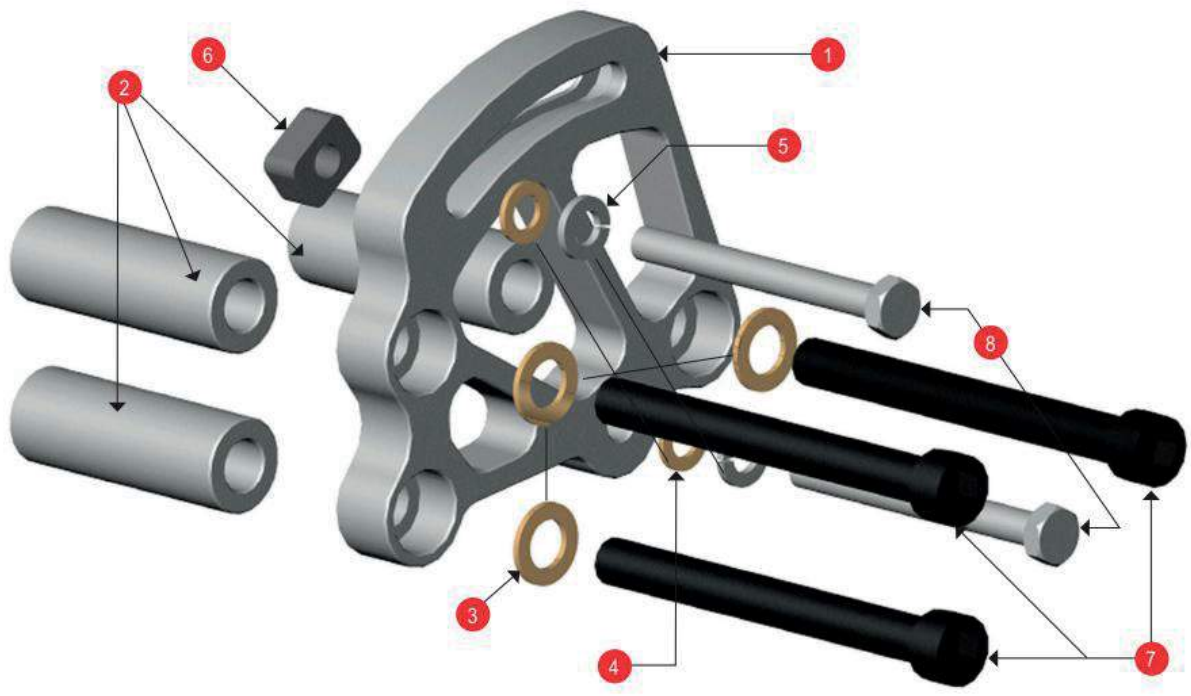
NOTE: The CV222-SBFY-LTW mounting bracket kit will work with a variety of pulley/belt drive systems, but has been designed specifically for use with the CVD93222 S-Drive™ serpentine drive system (without engine plate).

KIT INCLUDES:

REF #	PART #	DESCRIPTION	QTY.
1	CV222-SBFY-LTW	SBF (Yates Head) Lightweight Mounting Bracket	1
2	CV222-SBFY-LTW-SP	Spacer	3
3	ARP200-8518	7/16" AN Washer	3
4	BLTBL	5/16" AN Washer	2
5	BLTBN	5/16" Splitlock Washer	2
6	CV222NUT	Bracket Nut	1
7	BLTDC3.250C	7/16"-14 x 3.250" Allen Bolt	3
8	BLTBF3.000B	5/16"-24 x 3.000" Hex Bolt	2



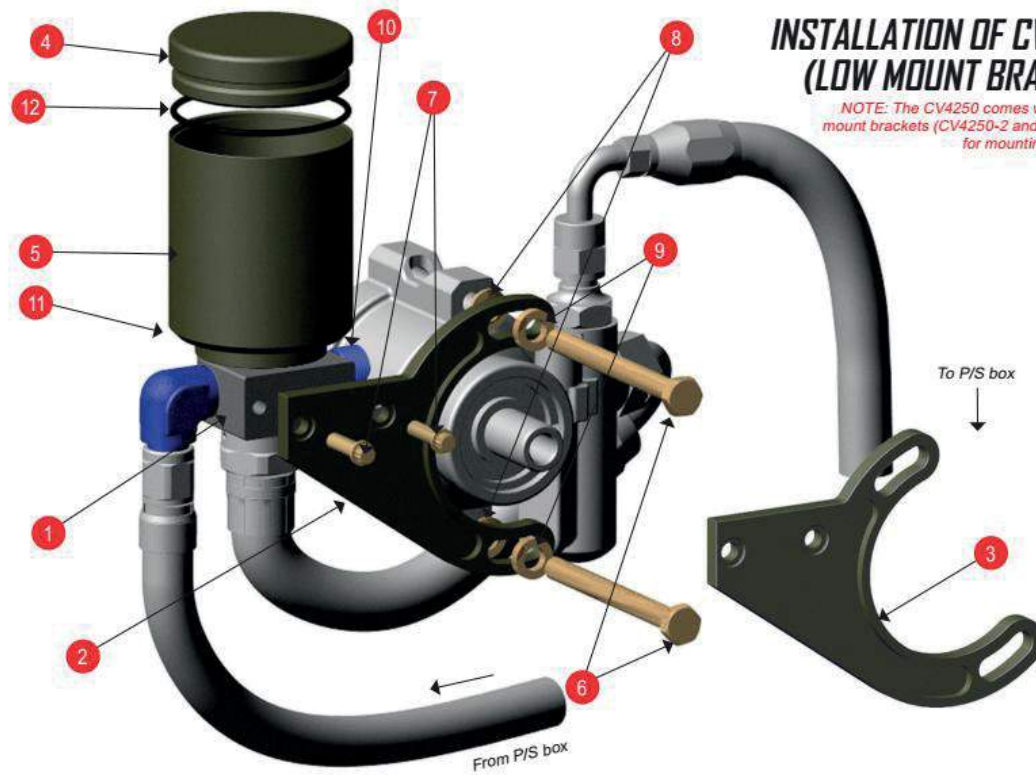
INSTALLATION OF CV222-SBFY-LYW





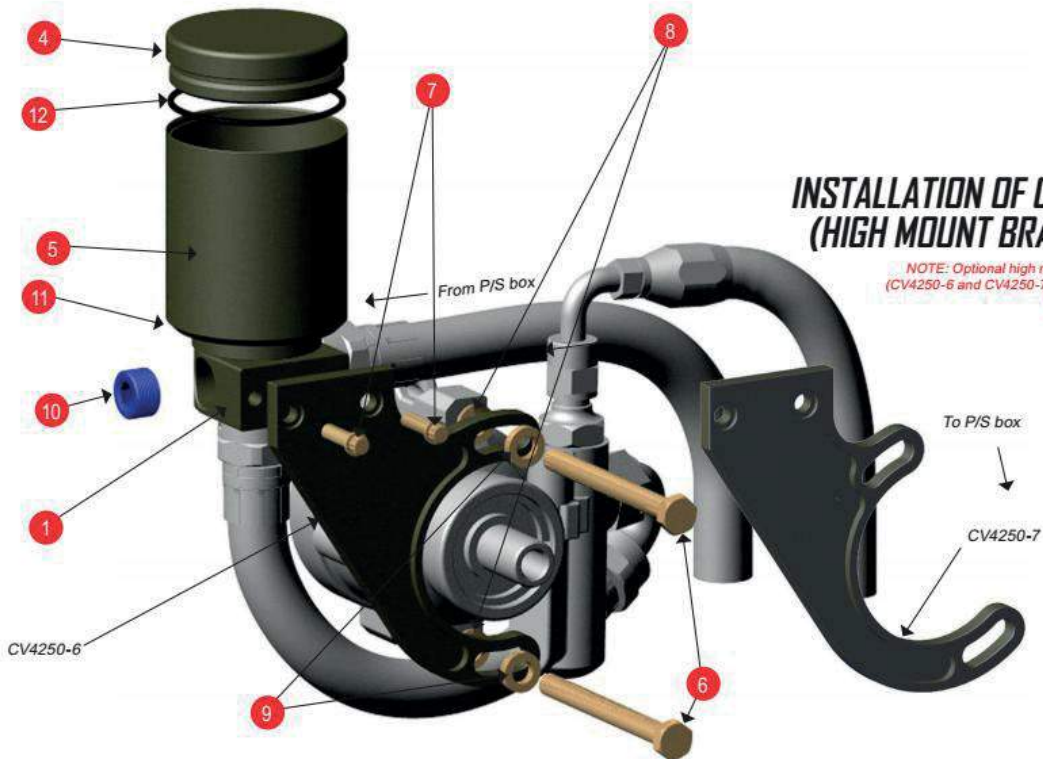
INSTALLATION OF CV4250 (LOW MOUNT BRACKET)

NOTE: The CV4250 comes with two low mount brackets (CV4250-2 and CV4250-3) for mounting flexibility.



INSTALLATION OF CV4251 (HIGH MOUNT BRACKET)

NOTE: Optional high mount brackets (CV4250-6 and CV4250-7) are available upon request.



All CV Racing Products' Carburetor Spacers are made out of billet 6061-T6 aluminum. Billet carburetor spacers are what you should be looking for. Castings are generally heavier and can be porous which lead to vacuum leaks. The workmanship on our parts makes their owners proud. Our new lightweight spacers are really on a diet. Let's compare a 2" open spacer: the CV258 spacer weighs 3.15 lbs. while the CV258-LTW weighs 1.30 lbs. No contest right? OK but there is a market for customers who need to whittle on the thing. A CV258 can be angle milled, cut down to an odd height, used for a nitrous plate, etc. CV has 4-hole spacers too. Check out the complete spacer listings. We can also build custom spacers. Contact your CV Sales Representative for more information.



We can custom machine carburetor spacers to your specs. Contact your CV Sales Representative for more information.

OPEN SPACERS

PART #	THICKNESS	2-HOLE L-HOLE/OPEN	HOLE DIAMETER	CARB	LIGHTWEIGHT
CV166	0.500"	OPEN	-	750	-
CV173	0.625"	OPEN	-	750	-
CV174	0.750"	OPEN	-	750	-
CV175	0.875"	OPEN	-	750	-
CV159	1.000"	OPEN	-	390	-
CV158	1.000"	OPEN	-	750	-
CV158-LW*	1.000"	OPEN	-	750	Lightweight
CV240-LW*	1.250"	OPEN	-	750	Lightweight
CV266-LW*	1.625"	OPEN	-	750	Lightweight
CV267-LW*	1.875"	OPEN	-	750	Lightweight
CV250	1.750"	OPEN	-	750	-
CV250-LW*	1.750"	OPEN	-	750	Lightweight
CV255	2.000"	SOLID BLANK	-	N/A	-

*NOTE: Lightweight OD Machined Option

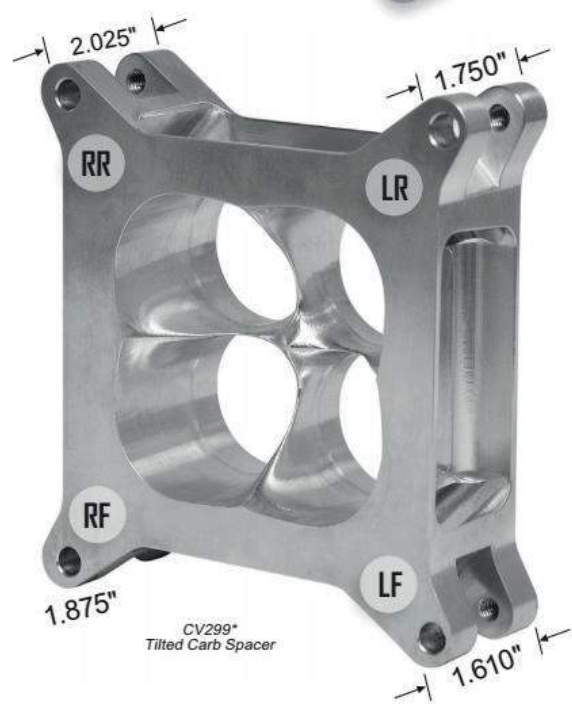


CV159

4-HOLE SPACERS

PART #	THICKNESS	2-HOLE L-HOLE/OPEN	HOLE DIAMETER	CARB	LIGHTWEIGHT
CV156	1.000"	4	1.688"	750	-
CV156-750	0.750"	4	1.688"	750	-
CV167	0.500"	4	1.688"	750	-
CV172	0.500"	4	1.750"	750	-
CV157	1.000"	4	1.438"	390	-
CV271*	1.125"	4	1.750"	750	Lightweight
CV272*	1.250"	4	1.750"	750	Lightweight
CV273*	1.375"	4	1.750"	750	Lightweight
CV252-LW	1.750"	4	1.688"	750	Lightweight
CV274	1.500"	4	1.750"	750	Lightweight
CV275	1.625"	4	1.750"	750	Lightweight
CV276*	1.750"	4	1.750"	750	Lightweight
CV277*	1.875"	4	1.750"	750	Lightweight
CV257	2.000"	4	1.438"	390	-
CV256-LW*	2.000"	4	1.688"	750	Lightweight
CV299	2.000"	4	-	-	Tapered

*NOTE: Lightweight OD Machined Option



CV299*
Tilted Carb Spacer

2-BBL SPACERS/ADAPTERS

PART #	THICKNESS	2-HOLE L-HOLE/OPEN	HOLE DIAMETER	CARB	LIGHTWEIGHT
CV161	0.750"	2	1.500"	350	-
CV162	0.750"	2	1.688"	500	-

PHENOLIC ADAPTERS

PART #	THICKNESS	DESCRIPTION
CV160-P	1.000"	Holley 2BBL to Holley 4BBL Intake Adapter

We can laser etch your company logo on virtually any product in our warehouse. Make your engines identifiable with this easy customization option.

*LIGHTWEIGHT TAPER DESIGN EXCELLENT FOR DIRT LATE MODEL APPLICATION

- Compound angle design allows carburetor to sit flat and keep the jets covered during extreme downward suspension travel of the right front.
- 4150 1.750" 4 hole to open taper maximizes throttle response, low RPM torque and high RPM horsepower.
- Designed for left turn dirt late models.

These heavy-duty poly Carburetor Transport Cases are designed to protect your investment in a racing carburetor when storing or transporting it throughout the year. It also aids in keeping dirt and debris from getting inside of the carburetor.

CARBURETOR TRANSPORT CASES

PART #	DESCRIPTION
CVR/S101	2 BBL/ 4 BBL Carburetor Transport Case (Case only)
CVR/S102	Dominator Carburetor Transport Case (Case only)

The CV163-SC Carburetor Tuning Cover with a screen allows the engine to be cranked without the air cleaner or air filter in place. This makes it easier to access carburetor components such as the throttle linkage, idle adjusting screw, etc.

CARBURETOR COVERS

PART #	DESCRIPTION
CV163	Standard Carburetor Cover
CV163-SC	Carburetor Tuning Cover w/ Screen
CV164	Dominator Carburetor Cover



CV163



CV164



CV163-SC

CV RACING PRODUCTS

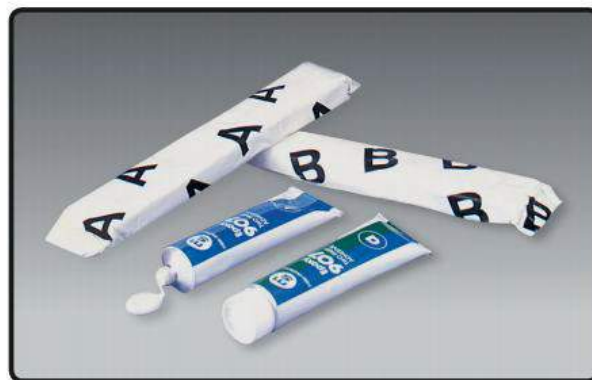
CVR/S101
(Case Only)

ENGINE COMPONENTS

CV Products offers two styles of Epoxy for engine builders. A & B Epoxy is a two-part material that can be molded like putty, yet hardens to a steel-like consistency in just one hour. It does not shrink during hardening and is unaffected by solvents, oils, and gasoline. A & B Epoxy's maximum temperature limit is 250°, so it is ideal for repairing intake manifolds, cylinder head ports, and engine blocks. It can also be machined, drilled, and tapped.

NOTE: Shelf life is approximately 1 year.

Miracle Seal Epoxy is a two-part material with similar properties to A & B Epoxy, but with a higher temperature rating. It's ideal for repairing exhaust ports and other applications subject to high temperatures.



EPOXY (NOT FOR USE IN ALKY ENGINES)

PART #	DESCRIPTION
MO35560	A+B Epoxy
CV101	Miracle Seal Epoxy 907

The CV Racing Products' Lift Plates are made of 3/16" steel and will bolt onto the intake manifold for easy engine lifting. If you use a carburetor gasket, the lift plate will seal up the intake opening.

LIFT PLATES

PART #	DESCRIPTION
CV62670	Lift Plate (Holley/Quadrajets Type)



CV62670



This brushed aluminum Air Cleaner includes a standard style top and a base featuring a special radius design to maximize airflow into the carburetor. It accepts any common 14" O.D. air filter.

AIR CLEANER

PART #	DESCRIPTION
CV1510	Flat Air Cleaner Bottom LMSC
CVP-JR511*	Air Cleaner (top & bottom)
CVP-JR511-1	Offset Air Cleaner
CV1512	Flat Air Cleaner Top LMSC

*NOTE: Air filter not included.



CVP-JR511* (Top & Bottom)

CV1510

CV1512

CVP-JR511-1 (Bottom View - Offset)

THROTTLE STOPS

PART #	DESCRIPTION
CV180	4 Barrel Throttle Stop
CV181	2 Barrel Throttle Stop

These Throttle Stops were designed for use on all four barrel Holley® carburetors (except Dominators). They mount permanently to the base plate with a single 10-32 screw in the original Holley® tapped hole. This is a "must have" part on carburetors with reduced cross-section throttle shafts. They are easily adjustable and have a permanent black powder coat finish.

The CV Racing Products' Insulator Plate insulates the mechanical fuel pump on Chevrolets and helps minimize heat transfer from the engine to the pump, reducing fuel temperature. Cooler fuel temperature results in increased horsepower.



THROTTLE LINKAGE BUSHING

PART #	DESCRIPTION
CV160	Throttle Linkage Bushing

This steel Throttle Linkage Bushing set allows the fitting of a 1/4" fastener to the 1/2" diameter hole found in the throttle linkage plate of Holley® carburetors.



ADJUSTING SCREW

PART #	DESCRIPTION
CV179	Fast Idle Adjusting Screw - Holley

This one-of-a-kind Adjusting Screw replaces the stock Fast Idle Adjusting Screw allowing precise and simple adjustment by hand.



FUEL PUMP INSULATOR PLATE

PART #	DESCRIPTION
CV147	Fuel Pump Insulator Plate

CVT-2500 & COM-C-5389-060

The proper Fuel Pump preload is very critical to the performance of the Fuel Pump. Due to different base circle camshafts and different cam height blocks, this measurement needs to be checked. So, CV Products has developed this simple gauge to insure proper preload of the Fuel Pump Arm is achieved.

STEP 1

Remove fuel pump, all gaskets and fuel pump plate from the block.

STEP 2

Insert fuel pump pushrod, rotate engine over until the fuel pump rod is on bottom dead center of the camshafts fuel pump eccentric meaning the fuel pump rod is traveled into the block as far as possible.

STEP 3

Locate CVT2500 (As shown in Figures A, B & C), if there is gap between the engine block and CVT2500.

Senerio 1: The fuel pump rod is too short. This can be fixed by installing a longer fuel pump pushrod, as shown in Figure A). CV Products offers a variety of pushrod lengths listed below.

Senerio 2: The fuel pump rod is too long. CV Products carries a range of fuel pump pushrod lengths. This can be fixed by installing a COM-C-5389-060, and will change the measurement by .050". Up to two of these can be installed, (As shown in Figure B).

Senerio 3: If gap of .025" to .000" is present, the fuel pump will have the proper preload and will operate at optimal performance. (As shown in Figure C).

Adjust fuel pressure 1 to 2 lbs. by using the COM-C-5389-060 Fuel Pump Shim

COMETIC
PRODUCTS



FEATURES

- .050" Thick
- Paper/Metal/Paper Construction
- Stackable
- Chevy, Ford, Chrysler Pattern

BENEFITS

- Used w/CVT2500 Measuring Tool
- Spaces Fuel Pump out away from Block
- Long Life
- One size fits ALL except 351C & 400M Ford

LIGHTWEIGHT HD FUEL PUMP PUSHRODS

These Lightweight Fuel Pump Pushrods are tubular steel with pressed-in ends. The CV4000-8 is hardened steel on one end and bronze tipped on the other. The steel end rides against cast cams while the bronze end is for all steel billet cams. The SDs have a Tuffmet tip which is used under the most severe conditions, including marginally lubricated applications.

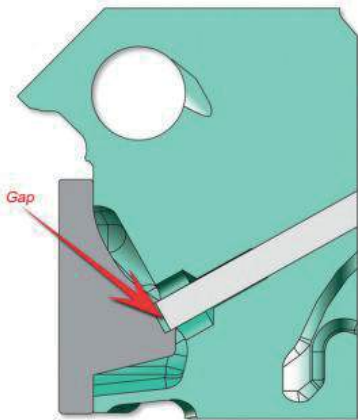
PART #	DESCRIPTION
CV4000-8	Fuel Pump Push Rod SBC .498" x 5.750" w/Bronze Tip
CV4000-8+.200	Fuel Pump Push Rod SBC +.200" Raised Cam w/Bronze Tip
CV40000-8+.200SD*	Fuel Pump Push Rod SBC +.200" Raised Cam Severe Duty
CV4000-8-5.675SD*	Fuel Pump Push Rod SBC 55mm Cam 5.675" Severe Duty
CV4000-8-5.875SD*	Fuel Pump Push Rod SBC +.200" Raised 55mm Cam Severe Duty
CV4000-8SD*	Fuel Pump Push Rod SBC Severe Duty

* NEW Fuel Pump Pushrods

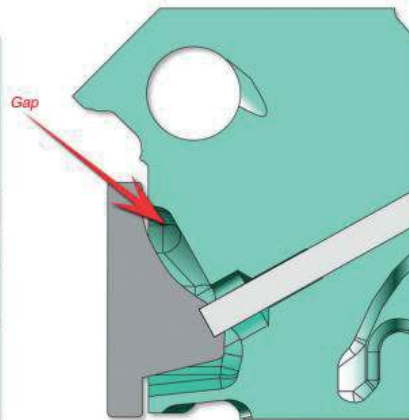


CV RACING
PRODUCTS

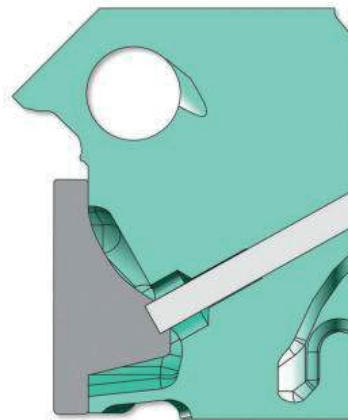
CVT-2500
Pushrod Length Checker
(SBC only)



(Figure A: Fuel Pump Rod is too short.)



(Figure B: Fuel Pump Rod is too long.)



(Figure C: Fuel Pump Rod in right position.)

Gauges are designed to work directly to face of engine block.

SPIN-FP-16-200

4 VANE FUEL PUMP, DIRECT DRIVE OR CABLE DRIVEN



FEATURES:

LIGHT WEIGHT

- Designed with the latest in CAD software allowing the lowest mass compact pump on the market

WEAR RESISTANT

- Gearless design eliminates "metal to metal" contact and every component is unleaded fuel compatible.

CONSISTENT PRESSURE

- CFD designed bypass circuit eliminates pressure spikes

ROBUST DESIGN FOR LONG SERVICE LIFE

- Preloaded double bearing shaft resists moment and thrust loads

ULTRA FAST PRIMING

- Great low RPM pumping efficiency enables quick dry starts.
"Quick Fill" option allows a pressure head to prime the fuel system.



SPIN-16-200
NOTE: 8-8, 8-10 Fittings Required

SPIN-BK-4000

FUEL PUMP ADAPTER KIT FOR SPIN 4 VANE FUEL PUMP



SPIN-BK-4000
(Bolts not shown)

A WORD ON HOW WE PRESENT OUR FUEL FLOW DATA TO OUR CUSTOMERS

For decades now fuel pump manufactures have rated their fuel pumps on gallons per hour. Generally this number is representative of the capacity of the pump to move fuel thru it. The maximum amount of flow is achieved with no back pressure, or zero fuel pressure, to produce the highest flow number. The advertising department wants the biggest number possible. The reality is, carburetors and fuel injection systems require fuel pressure to function properly. Restricting the flow to create fuel pressure reduces the flow rate. What customers want to know is, will the pump provide enough fuel for my engine while at full throttle? CV has the answers and numbers you can believe so a proper fuel pump selection can be made with confidence.

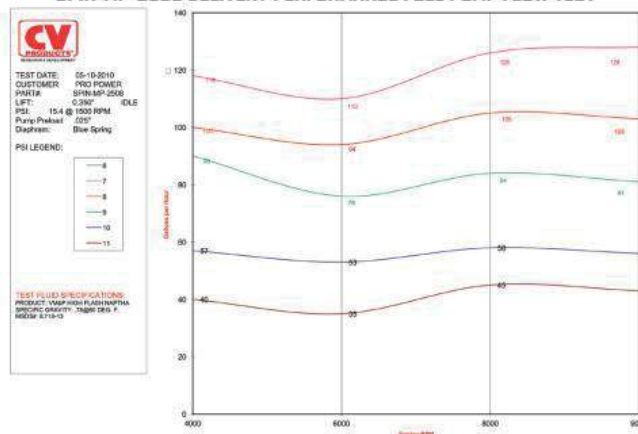
Dyno operators all work with fuel flow rates in lbs/hr, not gallons per hour. This is because different fuels actually weight differently as their specific gravity varies from .700 for gasoline to .792 for methanol. Working in lbs/hr makes for easy math in determining if the engine is getting enough fuel. For gasoline divide the lbs/hr fuel flow by .5. For methanol no calculation is necessary. Here are two examples: The engine is targeted for 600 hp and will use gasoline. If the fuel flow is 325 lbs/hr @ the pressure you want to run then $325 / .5 = 650$ hp. If you want to convert the engine to methanol then the fuel flow number in lbs/hr is actually the hp the engine makes. 650lbs/hr methanol = 650hp. These numbers work out this way because the A/F ratio for max power gasoline is 12.8 to 1 and for methanol it is 6 to 1.

Our fuel flow charts are rated in lbs/hr @ different fuel pressures. The chart has several lines across it, each representing a specific fuel pressure. Note, as the fuel pressure increases the flow rate goes down. This revelation is not apparent when only a large gallon per hour flow rate is advertised.

GALLONS PER HOUR				
PSI	4000	6000	8000	9000
6	-	-	-	-
7	118	110	126	128
8	100	94	105	103
9	90	76	84	81
10	57	53	58	56
11	40	35	45	43

LBS/HR FLOW				
PSI				
6	-	-	-	-
7	732.78	683.10	782.46	794.88
8	621.00	583.74	652.05	639.63
9	558.90	471.96	521.64	503.01
10	353.97	329.13	360.18	347.76
11	248.40	217.35	279.45	267.03

SPIN-MP-2508 DELIVERY PERFORMANCE FUEL PUMP FLOW TEST





SPIN-FR-1000 **TWO PORT DEAD HEAD REGULATOR**

- Lightest two-port regulator with multiple features
- Inlet pressure port
- Regulated pressure port
- Max inlet pressure 40 psi
- Compatible with all race fuels



SPIN-FR-1004 Shown

SPIN-FR-1004 **FOUR PORT DEAD HEAD REGULATOR W/FITTINGS**

- Four -6 outlet o-ring fittings included
- Clockable -10 inlet base allows for easy fuel line routing
- Rebuildable full billet construction
- Very compact and lightweight
- Compatible with all race fuels

SPIN-FR-1003 **FOUR PORT DEAD HEAD REGULATOR (ONLY)**



SPIN-FR-2000 **BYPASS REGULATOR FOR CARBURETORS**

- Lightest bypass regulator on the market
- Compatible with all race fuels
- Independent idle fuel pressure set with a jet
- Full throttle fuel pressure set with diaphragm adjuster
- Can be placed in front, rear, or in the middle of the fuel log

RATE OF ADJUSTMENTS

Pressure Adjusters - 6 to 10 lbs.

FEATURES:

LIGHTWEIGHT

- Designed to be the lightest, most compact regulators

LOW PRESSURE DROP

- High Flow design eliminates pressure variations

FAST RESPONSE

- Lightweight moving parts enables an ultra fast pressure response

DURABLE

- Hard coated to resist wear
- Top quality components

TWO GAUGE OPTIONAL PORTS

- Configure gauge to read either low or high pressure
- Only on SPIN-FR-1000

FUEL LOGS

PART #	DESCRIPTION
SPIN-FR-1000-4150	Regulator Assy. w/Fuel Log for 4150 Holley Carb, SS Hose
SPIN-FR-1000-4150-SS	Regulator Assy. w/Fuel Log for 4150 Holley Carb, SS Hose
SPIN-FR-1000-BRSWLL	Regulator Assy. w/Fuel Log for Braswell
SPIN-FR-1000-ULTRA	Holley Ultra Series Fuel Log
SPIN-FR-1001-4150	Regulator Assy. w/PFS Carb Filtr Fttg
SPIN-FR-1100	SPIN Rebuild Kit - 1000 Series
SPIN-FR-2000-4150	Bypass Regulator Fuel Log
SPIN-FR-2000-BRSWLL	Bypass Regulator Fuel Log for Braswell
SPIN-FR-2000-ULTRA	Holley Ultra Series Fuel Log
SPIN-FR-2001	SPIN Regulator Assy. for 4150 Holley Carb, SS Hose
SPIN-FR-2100	SPIN Rebuild Kit - 2000 Series



SPIN-FR-1000-4150 DEAD HEAD REGULATOR FUEL LOG

- Lightest regulator/fuel log available
- Swivel fittings allow regulator rotation
- Regulator does not require additional mounting
- Supply & regulated pressure ports
- Compatible with all racing fuels
- Available in different bowl c/c lengths
- Fuel bowl fittings vastly improved, gaskets included



SPIN-FR-1100 REBUILD KIT



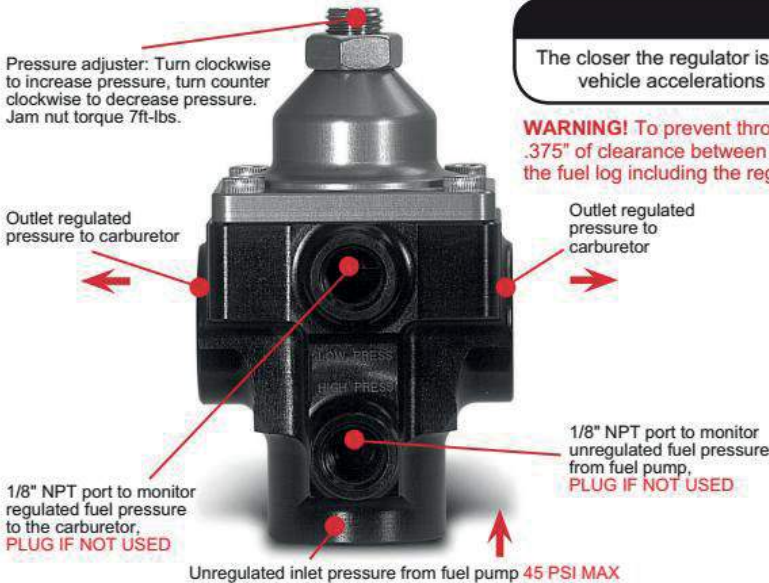
MOUNTING OPTIONS:

- Fuel Log: Mount the regulator directly between the two fuel bowls using both outlet ports.
- Remote Location: If a remote location is used for the regulator, the minimum line length from the regulator to the fuel log should be no less than 8 inches.

TECH TIP

The closer the regulator is to the carburetor the less fluctuations due to vehicle accelerations will be experienced in the fuel pressure.

WARNING! To prevent throttle hang up, make sure there is at least a .375" of clearance between the secondary throttle linkage and any part of the fuel log including the regulator.



ACCESSORY FITTINGS FOR REGULATOR:

- SPIN-OR10AN10
- SPIN-OR8AN10
- SPIN-OR8AN6
- SPIN-OR10AN8
- SPIN-OR8AN8
- SPIN-OR8P



SPIN-OR8AN10



SPIN-OR10AN10



SPIN-FR-2000-4150-BRASWELL BYPASS REGULATOR FUEL LOG

- Lightest regulator/fuel log available
- Regulator can be mounted on either end or between float bowls
- Regulator does not require additional mounting
- Regulated pressure port
- Compatible with all racing fuels
- Available in different bowl c/c lengths
- Fuel bowl fittings vastly improved, gaskets included
- Center fuel return port
- Jam nut torque 7ft-lbs

ACCESSORY FITTINGS FOR REGULATOR:

- SPIN-OR8AN10
- SPIN-OR8AN6
- SPIN-OR8AN8
- SPIN-OR8P



CVF-OR8AN10



Requires a -8 or 1/2" return line to the fuel tank

SPIN-FR-2100 REBUILD KIT



BYPASS REGULATOR SETTINGS

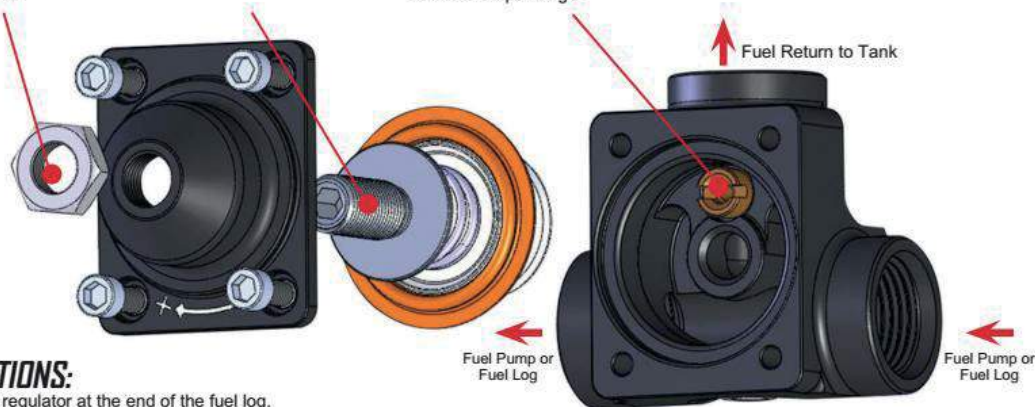
Adjustment of this regulator is different than a dead head regulator. Install a fuel pressure gauge such that the driver can clearly see it while on the track. At full throttle observe the fuel pressure gauge. If the pressure needs adjustment return to the pits and re-adjust. Return to the track and retest. Correct fuel pressure cannot be done while idling in the pits. When desired pressure is achieved tighten the jam nut and do not re-adjust. IDLE FUEL PRESSURE is achieved by changing the holley jet located underneath the top housing. The larger the jet the lower the idle pressure. This does not affect full throttle fuel pressure.

PRESSURE ADJUSTER:

Turn clockwise to increase pressure. Turn counter clockwise to decrease pressure. Jam nut torque 7ft-lbs.

HOLLEY MAIN JET

To control idle pressure you can change the jet size. Note: change at least 10 jet sizes at a time. Typically alcohol engines need less idle pressure. The target should be in the 3-5psi range.



MOUNTING OPTIONS:

- Fuel Log: Mount the regulator at the end of the fuel log.
- Remote Location: on top of the fuel tank with the center outlet pointed into the tank.

Unregulated inlet pressure from fuel pump 45 PSI MAX

SPIN-MP-2500 (5 VALVE) SERIES

BILLET ALUMINUM FUEL PUMPS

The SPIN-MP-2500 Series has received wholesale acceptance by NASCAR engine builders and was designed as a direct bolt-in replacement for conventional mechanical pumps. A 6061-T6 billet aluminum, CNC-machined housing provides increased impact resistance for race teams in the oval track market. Internal flow has been greatly improved over Stock-Style Valving, while Steel O-Ring AN fittings help to ensure secure hose connections. Another benefit of this product is the entire pump can be rebuilt for longer service life.



PART #	APPLICATION	IDLE PSI	FLOW GPH	SPRING COLOR	FUEL	FOR ENGINES
SPIN-MP-2502	SBC	7-7.5	55	Grey	Gasoline	750hp
SPIN-MP-2508	SBC	10-10.5	120	Blue	Gasoline	1200hp
SPIN-MP-2509	SBC	8.5-9.0	90	Green	Gasoline	850hp
SPIN-MP-2512	SBC	16.0	190	Red	Gasoline	900+hp
SPIN-MP-2516	BBC	10.5-11.0	120	White	Gasoline	1200hp
SPIN-MP-2517	BBC	9.0-9.5	90	Blue	Gasoline	850hp
SPIN-MP-2518	BBC	7-7.5	55	Green	Gasoline	750hp
SPIN-MP-2521	SBF	10-10.5	100	Blue	Gasoline	950hp
SPIN-MP-2522	SBF	7-7.5	85	Grey	Gasoline	750hp
SPIN-MP-2523	SBF	8.5-9	90	Green	Gasoline	850hp
SPIN-MP-2551	SBC	10.5-11.0	120	White	Gasoline	1200hp

*NOTE: Custom Configurations Available



Grey & Green Spring Pumps have 5505-20 bottoms (Low Profile Bottom Shown)

SPIN-MP-2600 (5 VALVE) SERIES

HIGH PRESSURE/HIGH-FLOW NICKEL PLATED FUEL PUMPS

CV Products created the SPIN-MP-2600 Series High Pressure Nickel Plated Billet Fuel Pumps to provide racers with an unparalleled level of performance, durability and quality. In response to the engine builder's need for higher performance and greater fuel flow while maintaining consistent pressure we designed and manufactured the High Flow Fuel Pump. The fuel pump contains unique valving that allow it to flow up to 1200 lbs. per hour at 8 PSI.

To achieve superior durability, the pump has a CNC-machined 6061-T6 billet aluminum housing and an arm that is mirror-polished that helps to eliminate burrs and stress fractures. The pump's internal valving is rebuildable and is resistant to the corrosive effects of alcohol, which allows it to outlast previous alcohol-ready pumps.

- High Pressure/High-Flow Design - Unique valving flows up to 1200 lbs. per hour at 8 PSI
- Versatile - Four standard diaphragm assemblies make it perfect for use with fuel/gas/alcohol or marine applications
- Durable - Bright nickel finish is resistant to alcohol or salt water in marine applications
- Proven Performance - Based upon the highly successful design of the CV Racing Products' Series 2000 Billet Fuel Pumps
- Rebuildable - Internal valving is rebuildable for years of service life
- Marine Pumps are Vented per Coast Guard regulations

PART #	DESCRIPTION	SPECIAL SPRING	PRESSURE	FLOW
SPIN-MP-2605	SBC	Red	High	High
SPIN-MP-2615	BBC	Red	High	High
SPIN-MP-2616	BBC Marine	White	Medium	High
SPIN-MP-2625	SBF	Red	High	High
SPIN-MP-2629	Ford 460	Red	High	High
SPIN-MP-2630	Mercury Marine Sea	Blue	Standard	High
SPIN-MP-2645	R3 Dodge	-	High	High

*NOTE: Custom Configurations Available



SPIN-MP-2605

All have 5505-4 large bottom & aluminum high flow fittings.

SPIN-MP-2700 (3 VALVE) SERIES

SPORTSMAN MECHANICAL FUEL PUMPS

CV Racing Products' Sportsman Billet Fuel Pump combines the reliable internal components of current standard pumps with the proven design of CV Racing Products' Billet Mechanical Fuel Pumps. While the billet styling is eye-catching, it's the impressive performance that makes it ideal for racing applications. The CV Racing Products' Sportsman shows a considerable flow increase over stock mechanical pumps and looks great doing it.

- Superior Materials - 100% machined from 6061-T6 billet aluminum
- Quality Construction - CNC-Machined to exact tolerances
- Strong, Reliable Design - 2-piece upper bell design for superior impact management and stronger mount for increased durability
- Applications - Designed to fit Small / Big Block Chevy & Windsor-style Fords, shipped with -8 inlet and outlet AN fittings

NOT ABLE TO REBUILD



SPIN-MP-2705

PART #	APPLICATION	IDLE PSI	FLOW GPH	SPRING COLOR	FUEL	FOR ENGINES
SPIN-MP-2705	SBC	8.5-9.0	70	Green	Gasoline	750hp
SPIN-MP-2715	BBC	8.5-9.0	70	Green	Gasoline	750hp
SPIN-MP-2725	SBF	8.5-9.0	70	Green	Gasoline	750hp

FUEL PUMP REBUILD PARTS

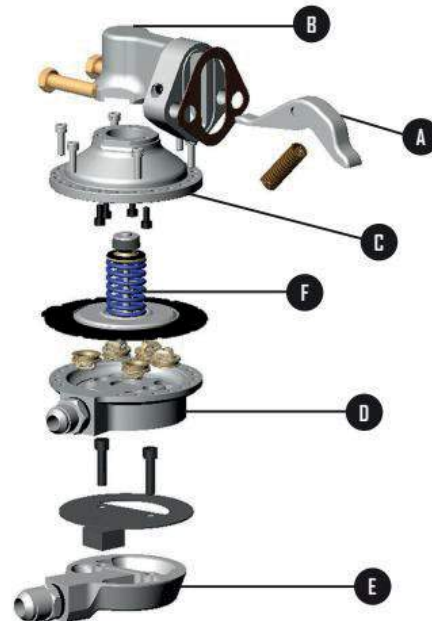
PART #	DESCRIPTION
SPIN-MP-2534	Diaphragm Assembly (Blue) 9-9.5psi
SPIN-MP-2535	Diaphragm Assembly (White) 10.5-11psi
SPIN-MP-2536	Diaphragm Assembly (Green) 8.5-9psi
SPIN-MP-2537	Diaphragm Assembly (Grey) 7-7.5psi
SPIN-MP-2540	Gasket Kit
SPIN-MP-2541	Bolt Kit (Black Oxide)
SPIN-MP-2542	SBC Arm Replacement Kit
SPIN-MP-2542-S	SBC Arm Replacement Kit w/Lever Control Spring
SPIN-MP-2543	SBF Arm Replacement Kit
SPIN-MP-2543-S	SBF Arm Replacement Kit w/Lever Control Spring
SPIN-MP-2544	Dodge R5/R7 Arm Replacement Kit
SPIN-MP-2546	BBC Arm Replacement Kit
SPIN-MP-2546-S	BBC Arm Replacement Kit w/Lever Control Spring
SPIN-MP-2536	Diaphragm Assembly (Green) 8.5-9psi
SPIN-MP-2561-S	Dodge R3 Arm Replacement Kit w/Lever Control Spring
SPIN-MP-2634	Diaphragm Assembly (Red) 16.5psi
SPIN-MP-2635	Valve Kit (Standard Flow)
SPIN-MP-2541-LP	Bolt Kit for Low Profile
SPIN-MP-2640	Valve Kit (High Flow)



Contact your CV Sales Representative for more information on CV Fuel Pump Rebuild Kits.

FUEL PUMP PARTS

- | | |
|---|---|
| <p>A LEVER ARM
 SPIN-MP-2542 SBC Arm Replacement Kit
 SPIN-MP-2543 SBF Arm Replacement Kit
 SPIN-MP-2546 BBC Arm Replacement Kit
 SPIN-MP-2561-S Dodge R3 Arm Replacement Kit w/Lever Control Spring</p> | <p>D VALVE BODY
 CV5505-14 Standard
 CV5605-1 Standard, Nickel Plated
 CV5505-21 -100 Short</p> |
| <p>B TOP
 CV5505-16 Standard (Requires a CV5505-15 Bell)
 CV5605-16 Standard, Nickel Plated
 CV5505-30 BBC Top, Needs -31 Bell</p> | <p>E BOTTOM
 CV5505-4 High Flow
 CV5605-4 Nickel Plated - High Flow
 CV5505-20 Low Profile</p> |
| <p>C BELL
 CV5505-15 Standard (matches CV5505-15 top)
 CV5505-31 BBC Bell w/Vent</p> | <p>F DIAPHRAGM
 SPIN-MP-2534 (Blue) 9-9.5psi
 SPIN-MP-2535 (White) 10.5-11psi
 SPIN-MP-2536 (Green) 8.5-9psi
 SPIN-MP-2537 (Grey) 7-7.5psi
 SPIN-MP-2634 (Red) 16.5psi</p> |





CARTER CAST FUEL PUMPS

The CV Racing Products' Carter Fuel Pump line has a long and storied past. Originally developed in the late 1950's, it was the fuel pump of choice during the muscle car era. Now 60 plus years later, and still in production, it has continually been developed. They can now handle the fuel requirements of present day carburetor equipped racing and performance engines. These economically priced pumps will support a 650hp engine while maintaining adequate fuel pressure. Since new engine blocks have become available with bolt patterns for these pumps, the proper fuel pump push rod must not be overlooked. Raised cam blocks and larger diameter cam bearings all have an impact on the fuel pump pushrod length. Originally only 1/4" pipe inlet and outlet threads were offered. Now pumps are available with steel or aluminum -10 inlets and -8 outlets.

PART #	APPLICATION	IDLE PSI	FLOW GPH	SPRING COLOR	FUEL	FOR ENGINES	INLET/OUTLET
SPIN-MP-500	SBC	7.5-8.0	35	Green	Gasoline	500hp	1/4 NPT
SPIN-MP-502D*	SBC	7.5-8.0	45	Green	Gasoline	600hp	-8AN
SPIN-MP-503D*	SBC	7.5-8.0	45	Green	Gasoline	600hp	-10AN -8AN
SPIN-MP-504*	SBC	7.5-8.0	45	Green	Gasoline	600hp	-10AN -8AN Steel
SPIN-MP-510*	BBC	7.5-8.0	35	Green	Gasoline	500hp	1/4" Weld
SPIN-MP-511*	BBC	7.5-8.0	45	Green	Gasoline	600hp	-8AN -8AN Weld
SPIN-MP-512*	BBC	7.5-8.0	45	Green	Gasoline	600hp	-10AN -8AN Weld
SPIN-MP-520*	SBF	7.5-8.0	35	Green	Gasoline	500hp	1/4 NPT
SPIN-MP-521*	SBF	7.5-8.0	45	Green	Gasoline	600hp	-10AN -8AN Steel
SPIN-MP-5048*	SBC	7.5-8.0	45	Green	Gasoline	600hp	-8AN -8AN
SPIN-MP-5218*	SBF	7.5-8.0	45	Green	Gasoline	600hp	-8AN -8AN

* E85 Fuel Compatible

NOT ABLE TO REBUILD



SPIN-MP-5048

CAST POWER STEERING PUMPS

PART #	DESCRIPTION
SPIN-PS-231N/P	Short Track Power Steering Racing Pump
SPIN-PS-235N/P	Speedway Power Steering Racing Pump

- Aluminum Saginaw Pump
- -10 threaded inlet fitting
- -6 threaded outlet fitting
- Brand new pump, not rebuilt



SPIN-PS-231N/P



CALL YOUR CV SALES REP FOR MORE DETAILS

FUEL PUMP REBUILD SERVICE

- CV Products offers in-house rebuilds on our 2500 and 2600 Series fuel pumps.
- Replacement parts are identical to original components.
- Quick turnaround usually within 2-3 days.
- Rebuild complete at normal fee versus cost of purchasing a new pump.

FUEL PUMP COMPARISON TABLE

PART #	APPLICATION	IDLE PSI	8000 RPM GPH @ 6PSI	SPRING COLOR	FUEL	FOR ENGINES UP TO*	
						GAS	ALCOHOL
PRO BILLET FUEL PUMPS							
ALUMINUM							
SPIN-MP-2502	SBC	7-7.5	65	GREY	GASOLINE	700HP	N/A
SPIN-MP-2508	SBC	10-10.5	120	BLUE	GASOLINE	800HP	N/A
SPIN-MP-2509	SBC	8.5-9	100	GREEN	GASOLINE	800HP	N/A
SPIN-MP-2512	SBC	16.5	190	RED	GASOLINE	900+HP	N/A
SPIN-MP-2516	BBC	10.5-11	120	WHITE	GASOLINE	850HP	N/A
SPIN-MP-2517	BBC	9-9.5	100	BLUE	GASOLINE	800HP	N/A
SPIN-MP-2518	BBC	7-7.5	65	GREEN	GASOLINE	700HP	N/A
SPIN-MP-2521	SBF	10-10.5	110	BLUE	GASOLINE	800HP	N/A
SPIN-MP-2522	SBF	7-7.5	65	GREY	GASOLINE	700HP	N/A
SPIN-MP-2523	SBF	8.5-9	100	GREEN	GASOLINE	800HP	N/A
SPIN-MP-2551	SBC	10.5-11	120	WHITE	GASOLINE	850HP	N/A
NICKEL PLATED							
SPIN-MP-2605	SBC	16.5	190	RED	GAS/ALCOHOL	900+HP	650HP
SPIN-MP-2615	BBC	16.5	190	RED	GAS/ALCOHOL	900+HP	650HP
SPIN-MP-2616	BBC Marine	11	120	WHITE	GAS/ALCOHOL	850HP	550HP
SPIN-MP-2625	SBF	16.5	190	RED	GAS/ALCOHOL	900+HP	650HP
SPORTSMAN BILLET FUEL PUMPS							
SPIN-MP-2705	SBC	8.5-9	70	GREEN	GASOLINE	750HP	N/A
SPIN-MP-2715	BBC	8.5-9	70	GREEN	GASOLINE	750HP	N/A
SPIN-MP-2725	SBF	8.5-9	70	GREEN	GASOLINE	750HP	N/A
CARTER CAST FUEL PUMPS							
SPIN-MP-500	SBC	7.5-8	35	GREEN	GASOLINE	500HP	N/A
SPIN-MP-502D	SBC	7.5-8	45	GREEN	GASOLINE	600HP	N/A
SPIN-MP-503D	SBC	7.5-8	45	GREEN	GASOLINE	600HP	N/A
SPIN-MP-504	SBC	7.5-8	45	GREEN	GASOLINE	600HP	N/A
SPIN-MP-510	BBC	7.5-8	35	GREEN	GASOLINE	500HP	N/A
SPIN-MP-511	BBC	7.5-8	45	GREEN	GASOLINE	600HP	N/A
SPIN-MP-512	BBC	7.5-8	45	GREEN	GASOLINE	600HP	N/A
SPIN-MP-520	SBF	7.5-8	35	GREEN	GASOLINE	500HP	N/A
SPIN-MP-521	SBF	7.5-8	45	GREEN	GASOLINE	600HP	N/A
SPIN-MP-5048	SBC	7.5-8	45	GREEN	GASOLINE	600HP	N/A
SPIN-MP-5218	SBF	7.5-8	45	GREEN	GASOLINE	600HP	N/A

- If a bypass regulator is used, these power levels can be achieved.
- Specific gravity of Gasoline can vary from .700 to .750
- Specific gravity of Alcohol is .792
- Water weighs 8.345 lbs/gal, BSFC = .5 for gas and 1.0 for alcohol

(Dodge Viper Shown)

SOLUTIONS PROVIDER FOR THE NASCAR CUP SERIES



FUEL DELIVERY SOLUTIONS SPECIALISTS

- Proven fuel pick up experts
- Specializing in consistent fuel flow at low fuel levels
- Knowledgeable in fuel cell bladder & chassis dynamics
- Capable of supplying high pressure systems to direct injection requirements
- Capable of low pressure systems to a common fuel rail delivery system
- Partnership with Bosch on design & distributor of fuel system parts & sensors



BLADDERS

PART #	DESCRIPTION
ATLBF622D	22gal. 33" x 17" x 9" NASCAR
ATLFB122E	22gal. Late Model Bladder
ATLFB222D	22gal. NASCAR KN,PASS Series
ATLFB222D-2	22gal. NASCAR GN 3-Door
ATLFB518-1-NM	18gal. NASCAR BGN CTS W/2
ATLFB518-1-SPINEFI-NM	NASCAR COT Fuel Cell Bladder

GASKETS

PART #	DESCRIPTION
ATLTF147	Gasket, 4-3/4" BC - 12 Bolt
ATLTF16-HF	Gasket, Viton 16 Hole Flange
ATLTF217	Gasket, 6" x 10" 24 Bolt
ATLTF217-THIN	Gasket, 6" x 10" Oval 24

WASHERS

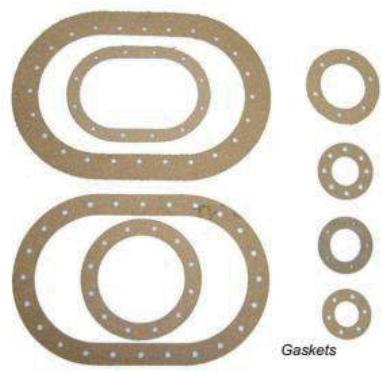
PART #	DESCRIPTION
ATL-100-8	Nylon Washer AN8
ATL-100-10	Nylon Washer AN10
ATLTF154	Nylon Washer 1/4" ID

MISCELLANEOUS

PART #	DESCRIPTION
ATLBF818	Special Foam NASCAR RD 18
ATLRE169	Vent/Fill Bottle - w/Foam
ATLRE170	Replacement Cap for RE169 vent
ATLTF240-S	Fuel Pickup Assy 8



ATLFB222D



Gaskets

RADIATOR CAPS

High pressure caps are available in the large style and now in the new smaller size caps as well. The new multi-layer steel gaskets are doing a much better job of sealing the heads to the block. As a result engine builders can now run higher water system pressures which in turn allows higher water temperatures before the system will boil the water. These high pressure caps from CV were designed for this purpose.

PART #	DESCRIPTION	PSI RATING
CV714-2832	Large Cap	28-32
CV714-3842	Large Cap	38-42



MECHANICAL FANS

PART #	DESCRIPTION
CV1515	15" 4 blade fan 32 deg pitch
CV1518	18" 4 blade fan 32 deg pitch
CV1519	19" 4 blade fan 32 deg pitch

NOTE: All fans come with reinforcement plates.



FAN SPACERS

CV Racing Products' Billet Aluminum Fan Spacers make mechanical cooling fan spacing and installation simple. CNC-machined from 6061-T6 aluminum, these spacers are available in 1/4" increments and include the hardware required to install on the water pump and to install the fan.

PART #	DESCRIPTION
CV100200	2.00" Fan Spacer
CV100225	2.25" Fan Spacer
CV100250	2.50" Fan Spacer
CV100275	2.75" Fan Spacer
CV100300	3.00" Fan Spacer



WATER PUMPS



PART #	DESCRIPTION
CVWP-5625	Aluminum SBC Water Pump 5.625"
CVWP-5795	Aluminum SBC Water Pump 5.795"



Measurement from the block face to the bolt flange face

CVWP-5625



These 6061-T6 Billet Aluminum Water Pump Spacers are ideal for a variety of uses, including belt drive applications and basic water pump pulley alignment.

WATER PUMP SPACER KITS

PART #	DESCRIPTION
CVWP10732	BBC W/P Spacer .250"
CVWP10733	BBC W/P Spacer .375"
CVWP10734	BBC W/P Spacer .500"
CVWP10739	SBC W/P Spacer .250"
CVWP10740	SBC W/P Spacer .375"
CVWP10741	SBC W/P Spacer .500"
CVWP11739	SBC W/P O-Ring Spacers

PART #	DESCRIPTION
CVWP11740	SBC W/P O-Ring Spacers
CVWP11741	SBC W/P O-Ring Spacers
CVWP11743	SBC W/P O-Ring Spacers
CVWP12739	SBC Blank W/P Spacers
CVWP12740	SBC Blank W/P Spacers
CVWP13741	SBC W/P Spacers w/-12 Male
CVWPOR	O-Ring Kit for W/P Spacers

CV Racing Products' Billet Thermostat Housings are CNC-machined from 6061-T6 aluminum and available in a variety of configurations with o-ring gasket seal.

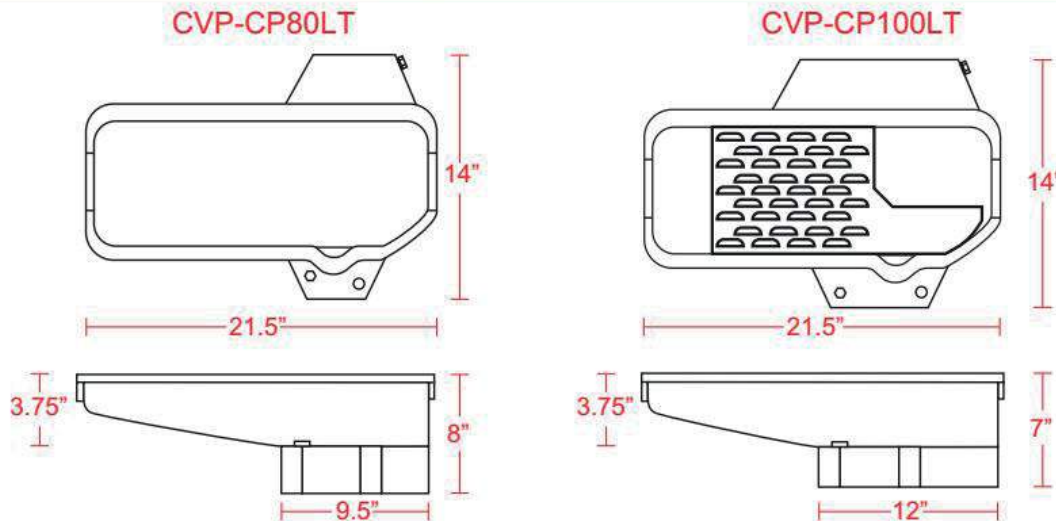
THERMOSTAT HOUSINGS

PART #	DESCRIPTION	THICKNESS	OVERALL HEIGHT
CV702	-16 AN Male	.310"	1.400"
CV702-20	-20 AN Male	.310"	1.400"
CV705	-16 AN Male w/ (2) 3/8" Female NPT Auxilliary Ports	1.220"	2.125"
CV706	-20 AN Male w/ (2) 3/8" Female NPT Auxilliary Ports	1.220"	2.300"
CV707	-16 AN Male 90° Swivel	.350"	2.400"
CV708	-20 AN Male 90° Swivel	-	-
CV568-227	O-Ring for Thermostat Housings	-	-
CV711	-16 Ford w/ O-Ring Groove 289-351W	-	-

SPACERS

PART #	DESCRIPTION	THICKNESS
CV704	Spacer w/(2) 3/8" Female NPT Auxilliary Ports	1.000"
CV704-1/2P	Spacer w/(2) 1/2" Female NPT Auxilliary Ports	-





OIL PANS

Oil Pans from CV Products are the highest quality construction, Made in the USA, have excellent fitment and superior sealing capabilities.

PART #	APPLICATION	DESCRIPTION	DEPTH	SUMP LXW	CAP.	ADDITIONAL INFORMATION
CVP-CP1040	SBC	Wet Sump Street 1957-1985	7-1/2"	Stock Core	5	1 trapdoor 1 crankscraper
CVP-CP1080LT	SBC	Wet Sump Circle Track 1975-1985 w/Windage Tray	8"	9-1/2" x 14"	8	4 trapdoors 3 crankscrapers 2 runners
CVP-CP1100	SBC	Wet Sump Circle Track Late Model Stock	7"	12" x 14"	8	6 trapdoors 3 crankscrapers 2 runners
CVP-CP1100LTRR	SBC	Wet Sump Road Race Competition Series	7"	12" x 14"	8	7 trapdoors 3 crankscrapers 2 runners
CVP-CP1100KO	SBC	Wet Sump Circle Track w/Kickout & Windage Tray	7"	12" x 14"	8	6 trapdoors 3 crankscrapers 2 runners
CVP-CP1100LT	SBC	Wet Sump Circle Track w/Windage Tray	7"	12" x 14"	8	6 trapdoors 3 crankscrapers 2 runners
CVP-CP1100LTRB	SBC	Wet Sump Circle Track w/Windage Tray 1986-Newer	7"	12" x 14"	8	6 trapdoors 3 crankscrapers 2 runners
CVP-CP1100LTRRRB	SBC	Wet Sump Road Race w/Windage Tray 1986-Newer	7"	12" x 14"	8	7 trapdoors 3 crankscrapers 2 runners
CVP-CP1106LT	SBC	Wet Sump 2pc. RearMain 1985 - older	6-1/2"	12" x 14"	-	6 trapdoors 3crankscrapers 2 runners
CVP-CP1106LTRB	SBC	Wet Sump Circle Track w/Windage Tray 1986-Newer	6-1/2"	12" x 14"	7	6 trapdoors 3 crankscrapers
CVP-CP1150KO-3	SBC	Dry Sump w/Kickout & Windage Tray	4-1/2"	-	-	3 #12 fittings on right side
CVP-CP1150R3D	SBC	Pro Series Dry Dump for Dirt w/Kickout & w/o screen	5-1/2"	-	-	3 #12 fittings on right side*
CVP-CP1208	BBC	Wet Sump Street/Strip Mark IV only stock core	8"	9 1/2" X 11"	8	1 6" trapdoor 2 runners 1 crankscraper Must Use #JR130 To Check Oil
CVP-CP220	BBC	Dry Sump w/Windage Screen Mark IV only	4-3/4"	-	-	2 #12 fittings on right side
CVP-CP1351WKO	SBF	Dry Sump w/Kickout & Windage Screen Windsor Block	4-1/2"	-	-	2 #12 fittings on right side and notched for mini-starter only
CVP-CP1035LT	SBF 351W	Wet Sump w/Windage Tray	7-1/2"	10" x 12"	9	4 trapdoors 1 crankscraper

*NOTE: Must Use A Reverse Mounted Starter

OIL PICK-UPS

PART #	DESCRIPTION
CVP-1005SB	5/8" x 7" Deep for M55HV Road Race Pan
CVP-1009SB	5/8" x 7" Deep for M55 Stock Pump
CVP-1012SB	3/4" x 7" Deep for M155 Stock Pump
CVP-40SB	5/8" x 7-1/2" Deep for M55HV Pump
CVP-60SB	5/8" x 8" Deep for M55HV Pump
CVP-80BB	3/4" x 8" Deep for BB Pump
CVP-80SB	5/8" x 8" Deep for M55HV Pump
CVP-100BB	Pick-up for 7" Deep Pan & BB Pump
CVP-100SB	Pick-up for 7" Deep Pan & M55HV Pump
CVP-106SB	5/8" x 61/2" Deep Pan M55HV
CVP-208BB	Pick-up for CV1208, 8" Deep & BB Pump
CVP-1003SB	3/4" x 7" Deep for 10555 Pump

TECH TIP

GM, Ford, and Chrysler applications are available. If you don't see an oil pan listed that suits your needs, contact your CV sales representative.

CHEVY OIL PAN

PART #	DESCRIPTION
CVP100350	Chevy Oil Pan (NASCAR Approved)

FEATURES & BENEFITS

- No left side sump - Improved design for better oil control
- 6-1/2" depth, keeps from dragging (Bottoming Out)
- Ride side kick out - Full Length
- For cars with soft front springs and Dirt Cars - will withstand rocks (Thicker Material)
- 9 Quart with filter cooler
- Louvered windage tray equals more horsepower
- Powder coated for added durability
- Welded in a jig creating greater consistency
- Automotive, Oval Track - Dirt and Asphalt, Road Racing



CVP-CP100KO



CVP-CP40



CVP-CP100LT



CVP-CP100LTRB



CVP100350

VALVE COVERS

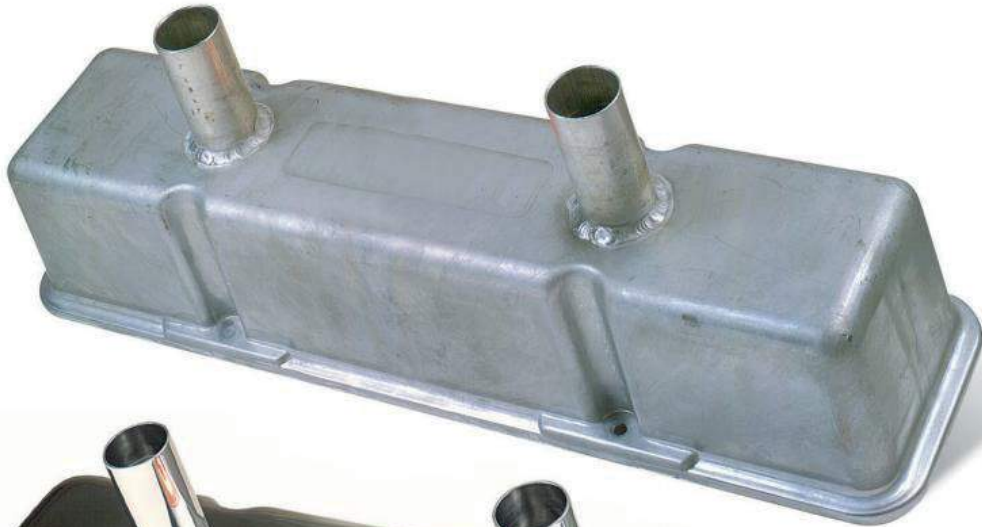


PART #	DESCRIPTION
CV1131	Valve Cover/SBF/Polished/Single
CV1135	Valve Cover/SBF/Polished/2 Tubes
CV1135TF	Valve Cover/SBF/Polished/2 Tubes Forward
CV1190	Tall SBC Valve Cover
CV1190-1	(1) Valve Cover w/Vent Tubes
CV1200	SBC Valve Cover w/Tubes Vendor
CV1201	SBC Plain Valve Cover

NOTE: All CV Valve Covers are sold individually.



CV1190 - These Small Block Chevy tall steel valve covers, with 1-1/2" OD baffled tubes, have a durable yellow zinc plated finish.



CV1200 - This SBC tall valve cover has two 1-3/8" OD vent tubes and will clear stud girdles and shaft rocker systems (including applications on the latest 18° cylinder heads). This will not clear applications using BBC rocker arms. (CV1200 is plain unpolished.)

TIMING COVERS



PART #	DESCRIPTION
CV1185-S	Timing Cover w/Welded In Strap
CV1185	SBC Steel Front Cover
CV1186	SBC Timing Cover/BBC Snout

RECOMMENDED CAM BUTTONS FOR TIMING COVERS

CG121 **CG122**

CLOYES

CG121 Long Roller Cam Button for both the CV1185 & CV1186
 CG122 Short Roller Cam Button for the CV1185-S



CV1185

The CV1185 is a stock Timing Cover with a durable yellow zinc-plated finish.



CV1186

The CV1186 Timing Cover is for Small Block Chevrolet applications using a Big Block Chevy crank snout. Made from lightweight stamped steel with a durable black powder coated finish. The CV1186 accepts standard BBC crank timing seals. This new timing cover is ideal for racing venues where a BBC snout is preferred including Dirt Late Models, 360-4-bbl Sprint Cars and Drag Racing.



CV1185-S

The CV1185-S Timing Cover includes a welded-in strap on the outside of the cover for increased strength.

VENT FILTERS

PART #	DESCRIPTION
CV19008	Vent Filter 1-3/8" ID
CV19009	Vent Filter 1-3/8" ID w/Shield
CV19010T	Vent Filter 1-1/2" ID Tapered
CV19010	Vent Filter 1-1/2" ID
CV19011	Vent Filter 1-1/2" ID w/Shield
CV19015	Shielded Vent Filter 1-3/4"



CV19009

TIMING POINTERS - SEE PAGE 100 IN XTS SECTION

These precision Block-Off Plates replace the stock SBC oil filter mount and are required when using aftermarket oiling system components. CNC-machined from 6061-T6 billet aluminum and hard anodized, each block-off plate includes mounting bolts and premium o-ring seals. The CV780 is ideal for wet sump applications using a remote oiling system, such as a remote oil filter mount or oil cooler. The CV781 (inlet only) may be used for dry pump applications that use the stock rear main oiling passage. The CV782 is ideal for front-oiler applications using a remote oil filter mount.



OIL FILTER BLOCK-OFF PLATES

PART #	DESCRIPTION
CV780	2 Hole In / Out -10 AN
CV781	1 Hole Inlet Only -10 AN
CV782	1 Hole Outlet Only -12 AN



OIL TEMPERATURE ADAPTER - INLINE

PART #	DESCRIPTION
CV739-10	10 AN Inlet/Outlet 1/2" NPT Thread
CV739-12	12 AN Inlet/Outlet 1/2" NPT Thread

This Valve Cover Oiler Adapter fits -12AN oil lines (in-line) and features two 1/8" pipe holes to divert oil to valve covers with integral oilers for valve springs. It is CNC-machined from 6061-T6 billet aluminum and anodized for long life.

VALVE COVER OILER ADAPTER - INLINE

PART #	DESCRIPTION
CV730-12	Valve Cover Oiler Adapter 1/8"



Ideal for virtually any wet sump or dry sump application, CV Racing Products' Lightweight Remote Oil Filter Mounts allow you to choose the exact location for your oil filter. They also provide convenient access for oil filter inspections and replacement. Simply block off the stock oil filter mount on the engine block (use block off plates) and plumb the appropriate oil lines to the remote mount. Each lightweight remote oil filter mount is CNC-machined from 6061-T6 billet aluminum. The tapered entry on the inboard mounting surface has been revised for greater flow efficiency.

Left and right side inlet ports provide greater mounting flexibility. The unused inlet may either be plugged or used with a temperature probe adapter (CV743-12: available separately) to install an oil temperature gauge probe. Both inlet and outlet ports use -12AN short thread fittings. A 1/8" pipe thread port in the front of mounts is also provided to accept an oil pressure gauge fitting. CV Racing Products' Lightweight Remote Oil Filter Mounts are available for all common styles/sizes of racing oil filters.

LIGHTWEIGHT REMOTE OIL FILTER MOUNTS

PART #	USE W/FRAM	USE W/WIX	THREAD SIZE
CV745	HP-1	WIX51515	3/4"-16
CV746	HP-4	WIX51061R	13/16"-16
CV747	HP-6	WIX51222R	1-1/2"-12
CV748	AC/PUROLATOR	WIX57007R	1-1/2"-16
CV749	CVPH3519A	WIX51268R	1-1/8"-16





ACCESSORIES

PART #	DESCRIPTION
CV745-1	3/4"-16 / Thread Insert
CV746-1	13/16"-16 / Thread Insert
CV747-1	1-1/2"-12 / Thread Insert
CV749-1	1-1/8"-16 / Thread Insert
CV743-10	10AN Oil Temperature Probe Adapter
CV743-12	12AN Oil Temperature Probe Adapter
CVF1010	Oil Inlet Fitting / Steel -10 Oring Boss to -10 AN Male (3.375" x -10 7/8"-14)
CVF1012	Oil Inlet Fitting / Steel -10 Oring Boss to -12 AN Male (3.375" x -10 7/8"-14)
CVF-4-4	-40RB/-4 Oil Pressure Fitting
CVF-3-4	-3 ORB / -4 Oil Pressure Fitting



CV743-10



CVF-3-4



CVF1012



OIL FILTERS

PART #	DESCRIPTION
CVHP-6A	FRAM NASCAR Filter 1-1/2"-12
CVHP-4	FRAM Oil Filter PH13 (TALL)
CVHP-1	FRAM Oil Filter PH8A (TALL)
CVHPGC1	Fuel Filter Replacement Cart
CVHP-14	FRAM HP-14 Oil Filter
CVHP-5	FRAM Oil Filter F/AMC



O-RING FITTINGS

PART #	DESCRIPTION
SPIN-OR04AN04	Short ORB-04/AN-04
SPIN-OR06AN06	Short ORB-06/AN-06
SPIN-OR06AN08	Short ORB-06/AN-08
SPIN-OR08AN06	Short ORB-08/AN-06
SPIN-OR08AN08*	Short ORB-08/AN-08
SPIN-OR08AN10**	Short ORB-08/AN-10
SPIN-OR10AN08	Short ORB-10/AN-08
SPIN-OR10AN10	Short ORB-10/AN-10
SPIN-OR10AN12	Short ORB-10/AN-12
SPIN-OR10P	ORB Port Plug, -10 Short
SPIN-OR12AN10	Short ORB-12/AN-10
SPIN-OR12AN12	Short ORB-12/AN-12
SPIN-OR12AN16	Short ORB-12/AN-16
SPIN-OR12P	ORB Port Plug, -12 Short
SPIN-OR16AN12	Short ORB-16/AN-12
SPIN-OR16AN16	Short ORB-16/AN-16

*NOTE: Used in fuel pump outlet

**NOTE: Used in fuel pump inlet



OIL FILTER ADAPTER

This revolutionary product installs as a direct replacement on stock SBC. This oil filter adapter increases the oil flow rate of stock oiling systems; by using a filter with double the flow rate as a "stock" filter.

NOTE: This product requires filter part # WIX51268R or AC PF897F

PART #	DESCRIPTION
SPIN-OF-2000	SBC Oil Filter Adapter

HAS BEEN REPORTED TO REDUCE OIL TEMPERATURE BY REDUCING THE PRESSURE DROP ACROSS THE FILTER.

WIX Filters located on page 319.



WIX51268R



COATED ROD BEARINGS

HONDA

PART #	DESCRIPTION
CB-CB1223P-BX4	STD

QUAD 4

PART #	DESCRIPTION
CB-CB1663H-BX4	STD, 1.8885"/1.8890" Shaft, .792" Length
CB-CB1663HD-BX4	STD, 1.8885"/1.8890" Shaft, Dowel Hole in Cap Half, .792"
CB-CB1663H-1-BX4	.001" Undersized 1.8885"/1.8890" Shaft, .792" Length
CB-CB1663H-10-BX4	.010" Undersized 1.8885"/1.8890" Shaft, .792" Length
CB-CB1663HD-10-BX4	.010" Undersized 1.8885"/1.8890" Shaft, Dowel Hole in Cap Half, .792"
CB-CB1663HX-BX4	1.8885"/1.8890" Shaft, .001" Extra Bearing Clearance, .792"
CB-CB1665HND-BX4	1.8885"/1.8890" Shaft, STD, Dowel Hole in Cap Half, Narrowed for Fillet Clearance, .896" Length
CB-CB1665HXND-BX4	1.8885"/1.8890" Shaft, .001" Extra Clearance, Dowel Hole in Cap Half, Narrowed for Fillet Clearance, .8510" Length

CHEVROLET SMALL BLOCK

PART #	DESCRIPTION
CB-CB663HN-10-BX4	302-350, .010" Undersize, Narrowed Bearing
CB-CB663HN-20-BX4	302-350, .020" Undersize, Narrowed Bearing
CB-CB663HN-1-BX4	302-350, .001" Undersized Shaft, Narrowed Bearing
CB-CB745HN-BX4	265-327, STD, Narrowed Bearing
CB-CB663HN-BX4	302-350, STD, Narrowed Bearing
CB-CB745HND-BX4	265-327, STD, Narrowed Bearing, Dowel Hole in Lower Half
CB-CB663HND-BX4	302-350, STD, Narrowed Bearing, Dowel Hole in Lower Half
CB-CB663HXN-BX4	302-350, .001" Extra Clearance, Narrowed Bearing
CB-CB663VXN-BX4	302-350, .001" Extra Clearance, Narrowed Bearing
CB-CB663HXND-BX4	302-350, .001" Extra Clearance, Narrowed Bearing, Dowel Hole in Lower Half
CB-CB745HN-10-BX4	265-327, .010" Undersize, Narrowed Bearing
CB-CB745HN-1-BX4	265-327, .001" Undersize, Narrowed Bearing
CB-CB745HN-20-BX4	265-327, .020" Undersize, Narrowed Bearing
CB-CB745HXN-BX4	265-327, .001" Extra Clearance, Narrowed Bearing
CB-CB745HXND-BX4	265-327, .001" Extra Clearance, Narrowed Bearing, Dowel Hole in Lower Half

CHEVROLET BIG BLOCK

PART #	DESCRIPTION
CB-CB743HN-10-BX4	396-454, .010" Undersize, Narrowed Bearing
CB-CB743HN-1-BX4	396-454, .001" Undersize, Narrowed Bearing
CB-CB743HND-11-BX4	396-454, .011" Undersize, Narrowed Bearing, Dowel Hole in Lower Half
CB-CB743HND-1-BX4	396-454, .001" Undersize, Narrowed Bearing, Dowel Hole in Lower Half
CB-CB743HN-BX4	396-454, STD, Narrowed Bearing
CB-CB743HND-BX4	396-454, STD, Narrowed Bearing, Dowel Hole in Lower Half
CB-CB743HXN-BX4	396-454, STD, Narrowed Bearing, Dowel Hole in Lower Half
CB-CB743HXND-BX4	396-454, .001" Extra Clearance, Narrowed Bearing, Dowel Hole in Lower Half

CHEVY V-6

PART #	DESCRIPTION
CB-CB1227H-BX4	200 & 229, STD
CB-CB1227HX-BX4	200 & 229, STD, .001" Extra Clearance

IRL CHEVY

PART #	DESCRIPTION
CB-CB1664H-BX4	1.8495"/1.8500" Shaft, STD, .792" Length
CB-CB1664HX-BX4	1.8495"/1.8500" Shaft, .001" Extra Bearing Clearance, .792"

NASCAR R07

PART #	DESCRIPTION
CB-CB1798H-BX4	STD, 1.8495"/1.8500" Shaft, .7550" Length
CB-CB1798H-1-BX4	.001" Undersized 1.8495"/1.8500" Shaft, .7550" Length
CB-CB1798HX-BX4	1.8495"/1.8500" Shaft, .001" Extra Clearance, .7550" Length

CHRYSLER

PART #	DESCRIPTION
CB-CB1512VL (30)	426 Hemi, .030" Undersize, One Rod Bearing
CB-CB1808HN-BX4	345 Truck Engine, 1995-2005
CB-CB527HND-1-BX4	383-440, .001" Undersized Shaft, Narrowed Bearing, Dowel Hole in Lower Half
CB-CB527HND-BX4	383-440, Narrowed Bearing, Dowel Hole in Lower Half

FORD

PART #	DESCRIPTION
CB-CB634HN-BX4	289-302, STD, Narrowed Bearing

COATED CAM BEARINGS

CHEVROLET SMALL BLOCK

PART #	DESCRIPTION
CB-DBCH-8	262-350
CB-DBCHP-8	262-350, High Performance
CB-DBGMP-1	Dart Rocket Block, High Performance
CB-SH1349S	HP, STD Housing Bore



RACE BEARING WAREHOUSE

LARGEST SELECTION IN STOCK

- Increase horsepower and efficiency
- Reduce engine temperatures
- Provides longer life
- Molybdenum disulfide/Teflon® based material

Connecting Rod Bearings



Cam Shaft Bearings



COATED CAM BEARINGS (continued)**CHEVROLET BIG BLOCK**

PART #	DESCRIPTION
CB-SH616S	BBC

CHEVY-V8

PART #	DESCRIPTION
CB-5C3349C-STD	267-305-350-400, 196 7-98

COATED MAIN BEARINGS**HONDA**

PART #	DESCRIPTION
CB-5M1959H-STD	2.0-2.4, STD

CHEVROLET LSI/LS6

PART #	DESCRIPTION
CB-MS2199H	LS 1-LS 6, STD
CB-MS2199HX	LS 1-LS 6, .001 Extra Clearance

CHEVROLET SMALL BLOCK

PART #	DESCRIPTION
CB-MS1110H*	262-350, 4.3L, STD
CB-MS1110H-1*	262-350, 4.3L, .001" Undersize
CB-MS1110H-10*	262-350, 4.3L, .010" Undersize
CB-MS1110HX*	262-350, 4.3L, .001" Extra Clearance
CB-MS429H	265-327, STD
CB-MS429HX	265-327, .001" Extra Clearance
CB-MS909H	302-350, STD
CB-MS909H-1	302-350, .001" Undersize
CB-MS909H-10	302-350, .010" Undersize
CB-MS909H-20	302-350, .020" Undersize
CB-MS909HX	302-350, .001" Extra Clearance
CB-MS1038H	400, STD
CB-MS1038H-1	400, .001" Undersize
CB-MS1038H-10	400, .010" Undersize
CB-MS1038H-11	400, .011" Undersize
CB-MS1038HX	400, .001" Extra Clearance

*Note: Engine using 283 Crankshaft contains spacer

CHEVROLET BIG BLOCK

PART #	DESCRIPTION
CB-MS829H	396-454, STD
CB-MS829H-1	396-454, .001" Undersize
CB-MS829H-10	396-454, .010" Undersize
CB-MS829H-11	396-454, .011" Undersize
CB-MS829HX	396-454, .001" Extra Clearance
CB-MS829VX	396-454, .001" Extra Clearance, Vandervall Construction

CHRYSLER

PART #	DESCRIPTION
CB-MS540H	273-340, STD
CB-MS1051P	340-360, STD
CB-MS2233HG	413-440, STD
CB-MS2233H-1	413-440, .001" Undersize
CB-MS1795V	426 Hemi, STD, Vandervall Construction
CB-MS2220H	5.7L Hemi, STD
CB-MS2220HX	5.7L Hemi, .001" Extra Clearance

FORD SMALL BLOCK

PART #	DESCRIPTION
CB-MS590H	221-302, STD
CB-MS590H-1	221-302, .001" Undersize
CB-MS590HX	221-302, .001" Extra Clearance
CB-MS1010H	351, STD
CB-MS1010H-10	351, .010" Undersize
CB-MS1010HX	351, .001" Extra Clearance

FORD BIG BLOCK

PART #	DESCRIPTION
CB-MS863P-10	352-427, .010" Undersize
CB-MS1039H	429-460, STD
CB-MS1039HX	429-460, .001" Extra Clearance
CB-MS1039V	429-460, STD, Vandervall BRG Construction

FORD 4 CYLINDER

PART #	DESCRIPTION
CB-5M2152H-STD	1500-1600cc OHV/Twin Cam, STD
CB-5M2152+15-STD	1500-1600cc OHV/Twin Cam, +.015" Oversize OD, STD
CB-5M2152HX-STD	1500-1600cc OHV/Twin Cam, .001" Extra Clearance

FORD SMALL BLOCK

PART #	DESCRIPTION
CB-SH1321S	HP, STD Housing Bore

FORD-V8

PART #	DESCRIPTION
CB-SH510S	289-302-351W, 1962-98

NISSAN

PART #	DESCRIPTION
CB-5M1176A-STD	L20B, STD



Main Bearings

TECH TIP

The coating is typically applied at .0004" thickness for proper size control when fitting bearings.

**DON'T FORGET
WE CAN COAT IT!
CUSTOM COATINGS AVAILABLE**

#1

**RACE BEARING
WAREHOUSE**

KITS**FRONT COVER BOLT**

PART #	DESCRIPTION
CV620	1/4" x 1/2" Bolt w/12pt. Head w/AN Washer

HEADER BOLT

PART #	DESCRIPTION
CV614	3/8" x 1" 12pt. Head 12 per kit

VALVE COVER STUD

PART #	DESCRIPTION
CV630	1-1/4" x 1/4" Allen Studs w/Nylock Nuts (SBC) 8 pcs.

OIL PAN BOLT & STUD

PART #	DESCRIPTION
CV485-BOLT	Seal Adapter Bolt
CV640	12pt. Bolt w/AN Washers
CV641	Hex Bolts w/Spinlock Head

INTAKE BOLT

PART #	DESCRIPTION
CV650	3/8" x 1-1/4" 12pt. Head w/Super Washers

FUEL PUMP BOLT

PART #	DESCRIPTION
CV660	3/8" x 1-1/4" 12pt. Head w/AN Washers

WATER PUMP BOLT

PART #	DESCRIPTION
CV665	12pt. Head Bolts w/AN Washers

SPINLOCK HEX HEADS

PART #	SIZE	LENGTH
BLTAC.500G	1/4"-20	0.500"
BLTBC.625G	5/16"-18	0.625"

SPINLOCK NUTS

PART #	DESCRIPTION
BLTACQ	1/4"-20 Nuts
BLTAFQ	1/4"-28 Nuts
BLTBCQ	5/16"-18 Nuts
BLTBFQ	5/16"-24 Nuts

NYLON NUT INSERTS

PART #	DESCRIPTION
BLTACT	1/4"-20 Nuts
BLTAFT	1/4"-28 Nuts
BLTBCT	5/16"-18 Nuts
BLTBFT	5/16"-24 Nuts
BLTCCCT	3/8"-16 Nuts
BLTCFT	3/8"-24 Nuts

SUPER WASHERS

PART #	DESCRIPTION
BLTAK	1/4" Super Washers
BLTBK	5/16" Super Washers
BLTCK	3/8" Super Washers

AN WASHERS

PART #	DESCRIPTION
BLTAL	1/4" AN Washers
BLTBL	5/16" AN Washers
BLTCL	3/8" AN Washers
BLTDL	7/16" AN Washers
BLTEL	1/2" AN Washers

HEX BOLTS

PART #	SIZE	LENGTH
BLTCC.750B	3/8"-16	0.750"
BLTCC1.000B	3/8"-16	1.000"
BLTCC1.500B	3/8"-16	1.500"
BLTCC2.000B	3/8"-16	2.000"
BLTCC2.750B	3/8"-16	2.750"
BLTCC3.500B	3/8"-16	3.500"



Front Cover Bolt Kit



AN Washers

Nylon Nut Inserts



12PT Bolts

Hex Bolts

12PT BOLTS

PART #	SIZE	LENGTH
BLTAC.500A	1/4"-20	0.500"
BLTAC.750A	1/4"-20	0.750"
BLTAC1.000A	1/4"-20	1.000"
BLTBC.625A	5/16"-18	0.625"
BLTBC.750A	5/16"-18	0.750"
BLTBC1.000A	5/16"-18	1.000"
BLTBC3.000A	5/16"-18	3.000"
BLTBF.750A	5/16"-24	0.750"
BLTBF1.000A	5/16"-24	1.000"
BLTCC.750A	3/8"-16	0.750"
BLTCC1.000A	3/8"-16	1.000"
BLTCC1.250A	3/8"-16	1.250"
BLTCC1.500A	3/8"-16	1.500"
BLTCC1.750A	3/8"-16	1.750"
BLTCC2.500A	3/8"-16	2.500"
BLTCC2.750A	3/8"-16	2.750"

PART #	SIZE	LENGTH
BLTCC3.750B	3/8"-16	3.750"
BLTCC4.000B	3/8"-16	4.000"
BLTCC5.000B	3/8"-16	5.000"
BLTTCCF1.750B	3/8"-16	0.750"
BLTTDC5.000B	7/16"-14	5.000"

ALLEN BOLTS

PART #	SIZE	LENGTH
BLTBC1.250C	5/16"-18	1.250"
BLTBC1.500D	5/16"-18	1.500"
BLTBC.750C	5/16"-18	0.750"
BLTCC1.000C	3/8"-16	1.000"
BLTCC1.500C	3/8"-16	1.500"
BLTCC2.250C	3/8"-16	2.250"
BLTCC2.750C	3/8"-16	2.750"
BLTCC.750C	3/8"-16	0.750"
BLTCF1.250C	3/8"-24	1.250"
BLTCF1.500C	3/8"-24	1.500"
BLTCF2.000C	3/8"-24	2.000"
BLTCF2.250C	3/8"-24	2.250"
BLTCF2.500C	3/8"-24	2.500"
BLTCF3.000C	3/8"-24	3.000"

ALLEN STUDS

PART #	SIZE	LENGTH
BLTAC1.250D	1/4"-20	1.250"
BLTAC1.500D	1/4"-20	1.500"
BLTBC 2.500D	5/16"-18	2.500"
BLTBF1.000D	5/16"-24	1.000"
BLTBF1.500D	5/16"-24	1.500"
BLTCC1.500D	3/8"-16	1.500"
BLTCF1.250D	3/8"-24	1.250"

CV FITTINGS

PART #	DESCRIPTION
CVF-AN-06-04	-6AN Female to -4AN Male
CVF-AN-06-08	-6AN Female to -8AN Male
CVF-AN-08-04	-8AN Male to -4AN Male
CVF-AN-08-06	-8AN Male to -6AN Male
CVF-AN-08-10	-8AN Male to -10AN Male
CVF-AN-10-08	-10AN Female to -8AN Male
CVF-AN-10-12	-10AN Female to -12AN Male
CVF-AN-12-10	-12AN Female to -10AN Male
CVF-AN-12-16	-12AN Female to -16AN Male
CVF-AN-16-12	-16AN Female to -12AN Male
CVF-AN20-16D	-20AN Female to -16AN Male
CVF-1010	-10 O-Ring 10 -10AN Fitting
CVF-1012	-10 O-Ring 10 -12AN Fitting

NOTE: All CV Racing Products' Fittings are aluminum unless specified otherwise.

WELD BUNGS

PART #	DESCRIPTION
CVF-AN-04	-4AN Male Weld Bung
CVF-AN-06	-6AN Male Weld Bung
CVF-AN-06F	-6AN Female Weld Bung
CVF-AN-06S	-6AN Male Weld Bung (Steel)
CVF-AN-08	-8AN Female Weld Bung
CVF-AN-08F	-8AN Female Weld Bung
CVF-AN-08S	-8AN Male Weld Bung (Steel)
CVF-AN-10	-10AN Male Weld Bung
CVF-AN-10F	-10AN Female Weld Bung
CVF-AN-10S	-10AN Male Weld Bung (Steel)
CVF-AN-12	-12AN Male Weld Bung
CVF-AN-12F	-12AN Female Weld Bung
CVF-AN-12S	-12AN Male Weld Bung (Steel)
CVF-AN-16	-16AN Male Weld Bung
CVF-AN-16F	-16AN Female Weld Bung
CVF-AN-16S	-16AN Male Weld Bung (Steel)
CVF-AN-20	-20AN Male Weld Bung
CVF-NPT-.125	1/8" NPT Female Weld Bung
CVF-NPT-.250	1/4" NPT Female Weld Bung
CVF-NPT-.375	3/8" NPT Female Weld Bung
CVF-NPT-.500	1/2" NPT Female Weld Bung
CVF-NPT-.750	3/4" NPT Female Weld Bung
CVF-NPT-1.000	1" NPT Female Weld Bung

CV Racing Products' Weld Bungs are available in a variety of -AN and pipe thread sizes, in both steel and aluminum. These fittings are ideal for a wide variety of fabrication uses.



Allen Bolts



Allen Studs



CVF-AN-10-12



CVF-AN-06-04



CVF-1012

CVF-1010

ROLLER CAM BEARING SET

PART #	SIZE	SET CONTAINS
CV850	50mm	(5) CV850-1
CV851	1.875" Set	(4) CV851-1 & (1) CV851-2

ROLLER CAM BEARINGS - INDIVIDUAL

PART #	BEARING ID MM/IN	BEARING OD MM/IN	WIDTH MM/IN
CV850-1	50/1.968"	58/2.284"	19/.750"
CV850-3	50/1.968"	58/2.284"	25/.980"
CV850-4	55/2.165"	63/2.480"	20/.787"
CV850-5	55/2.165"	63/2.480"	28/1.102"
CV850-6	60/2.362"	68/2.677"	12/.472"
CV850-7	60/2.362"	68/2.677"	20/.787"
CV851-1	1.875"	2.253"	.995"
CV851-2	1.875"	2.253"	.750"



Roller Cam Bearing

TECH TIP

Roller cam bearings offer several performance advantages over conventional cam bearings, including the ability to withstand higher loads and longer service life. However, these bearings also require special procedures for proper installation.

READ ALL INSTRUCTIONS CAREFULLY!

These bearings require a very precise PRESS FIT. As a result, there are specific press fit requirements for aluminum and iron/steel engine blocks:

PROPER PRESS FIT SPECIFICATIONS CV851 & CV850

Aluminum Block .0019"-.0027"
Iron/Steel Block .0011"-.0018"



Wrist Pin Bushings

WRIST PIN BUSHINGS

1-PC. MANIFOLDS

PART #	APPLICATION	ID	OD	LENGTH
CV912-01	LENTZ	.912"	.991"	1.015"
CV915-01	OLIVER	.915"	.982"	.975"
CV926-01	CARRILLO	.926"	.976"	1.060"
CV926-03	CROWER	.926"	1.000"	1.000"

These custom replacement Wrist Pin Bushings from CV Products utilize an aluminum bronze alloy that delivers extended service life under racing conditions. All bushings are precision machined from bar stock and available in common dimensions. Custom wrist pin bushings are also available upon request.

CV Products offers a complete selection of Roller Cam Bearings, available individually or in complete sets. Roller cam bearings offer extended durability over traditional bearings, can withstand higher loads, and are widely used by professional race engine builders. These bearings feature heavy-duty construction and precision needle bearings for long life.

NOTE: Roller cam bearings require special roller cam bearing-compatible camshafts and installation tools. Contact your CV sales representative for more information.

HEAD BOLT SLEEVES

PART #	DESCRIPTION	LENGTH
CV6640	.500"	2.850"



CV6640



CV SPARK PLUG WIRE SETS

PART #	DESCRIPTION
MO27239	SBC Race Wire Set Over Valve Cover 90° Plug Non-HEI
MO27240	SBC Race Wire Set Over Valve Cover 90° Plug w/HEI
MO28221	SBC Race Wire Set Under Header 90° Plug w/HEI
MO28222	Ford Race Wire Set 351 w/135" Boot w/HEI
MO28225	SBC Race Wire Set Under Header 90° Plug Non-HEI
CV-850318B	Plug Wire Set SBC Under Header 90° w/HEI Black
CV-850800	Plug Wire Set Universal 90° Spark Plug Boot



PISTON OILER SQUIRTER'S

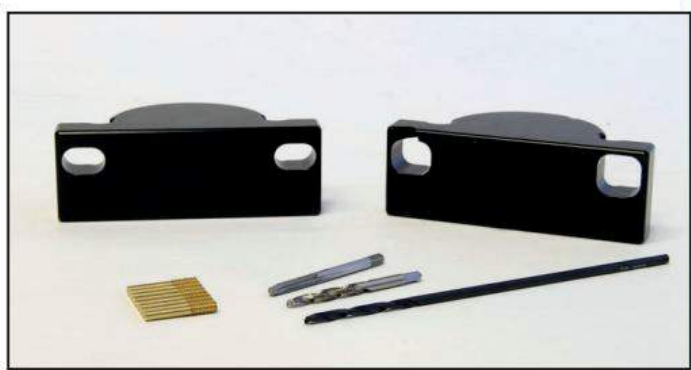
PART #	DESCRIPTION
CV401-126	1.000" Long Squirter .026" Hole
CV401-226	1.250" Long Squirter .026" Hole
CV401-326	1.625" Long Squirter .026" Hole

PISTON OILER KITS

PART #	DESCRIPTION
CV400-010D	GM 350 Main Journal Dry Sump
CV400-020	GM 400 Main Journal Dry Sump
CV400-100	GM 454 Main Journal Dry Sump
CV400-200	Ford 302 Main Journal Dry Sump
CV400-210	Ford 351 Main Journal Dry Sump

PISTON OILER KIT ACCESSORIES

PART #	DESCRIPTION
CV402-006	Drill Bit for Oiling Kit
CV402-020	Drill/Drap for Oiling Kit
CV402-021	6" Combination Drill for Oiling Kit



SEALS

CHEVROLET				
PART NUMBER	DESCRIPTION	ID	OD	
STS-SM86625	SBC Rear Crank Seal	2.774"	2.431"	
STS-SM86410	SBC 400 Rear Crank Seal	2.840"	2.431"	
STS-SM86587	SBC JESEL/COMP Crank Seal	2.507"	2.125"	
STS-SM86586	SBC JESEL Cam Seal	2.625"	2.250"	
STS-SM14425	SBC COMP Cam Crank Seal	2.754"	2.000"	
STS-SM86990	SBC Stock Front Cover Crank Seal	2.416"	1.768"	
STS-SM14453	SBC w/BBC Crank	3.157"	2.375"	
STS-SM86910	BBC Stock Front Cover Crank Seal	3.004"	2.330"	
STS-SM86622	BBC JESEL Crank Seal	3.194"	2.500"	
STS-SM86665	BBC REAR Crank Seal	3.130"	2.631"	
STS-SM86586	BBC JESEL Cam Seal	2.625"	2.250"	

FORD				
PART NUMBER	DESCRIPTION	ID	OD	
STS-SM13610	SBF 302 Crank Seal CCW ROT	4.241"	3.625"	
STS-SM85338	SBF 302/351W Front Crank Seal	2.566"	1.875"	
STS-SM89026	SBF 302/351W Front Crank Seal Wide	2.566"	1.875"	
STS-SM85339	SBF 351W Rear Crank Seal CCW ROT	4.505"	3.750"	
STS-SM85742	SBF 351W w/302 Crank Seal CCW ROT	4.505"	3.625"	
STS-SM85741	SBF RYR Belt Drive Front Crank Seal	2.754"	1.875"	

MOPAR				
PART NUMBER	DESCRIPTION	ID	OD	
STS-SM14425	MOPAR COMP Cam Belt Drive Crank	2.754"	2.000"	
STS-SM14255	MOPAR R-5 Rear Main Crank Seal	-	2.686"	
STS-SM87123	MOPAR Rear Crank Seal	-	2.686"	
STS-SM13667	MOPAR JESEL Cam Seal R-5	3.004"	2.250"	
STS-SM13668	MOPAR JESEL Crank Seal R-5	3.254"	2.500"	
STS501289997	MOPAR Front Cover Crank Seal	3.189"	2.185"	

MISC				
PART NUMBER	DESCRIPTION	ID	OD	
STS-SM13672LR	Rear Hub Seal Left Rear	-	-	
STS-SM13672RR	Rear Hub Seal Right Rear	-	-	
STS-SM14290	T-10 Rear Seal	-	-	
STS-SM-86517	MSD Dist Seal Chevy MSD or Moroso	1.000"	0.500"	



ENGINE

PART #	DESCRIPTION
CVT-SPT	Spark Plug Installer
CVT-CD2	Crank Gear Installer
CVT-50	Engine Stand
CVT-51	Drip Tray for CVT-50
CVT-1286	Crank Seal Installation Tool for BBC
CVT-2500	Fuel Pump Pushrod Gauge
CVT-8101	Light, Special Spark Plug Light
CV923	Assemble Tray, Piston and Rod
CV924	Spark Plug Holder Tray
CV932	Valvetrain Tray, Shaft Rocker Arms
CV11000	Stand, Engine Transport, SBC/BBC
CV11001	Stand, Engine Transport, SBF 289/302
CV11003	Casters, Set of Four
CV11004	Stand, Engine Transport, LS1
CV11005	Stand, Engine Transport, 4.6/5.4 Ford Modular
CV11020	Stand, Engine Transport, SBC w/Right Side Kick Out Pan
CV23000	Stand, Engine Transport, BBF 429/460
CV62670	Lift Plate/Carb. Pad Mount, 4150 Dominator
CVPRBRUSH	Brush, Pushrod Cleaning



CV932



CV62670



CVT-50

CVT-8101

CVT-51
Drip Tray for CVT-50

SHOP & PIT

PART #	DESCRIPTION
CMDL004	Extreme Pressure Lube Oil
CMD-3XPL	Extreme Pressure Lube 4oz. Tube
CVT-75-101	Funnel, 1/2 pint capacity, 4-1/2" dia., 17" overall length
CVT-75-068	Funnel, 2 quart capacity, 18" overall length, 5" dia., 1/2" OD tip
CVT-FC-1000	Funnel, Fuel Cell Bladder Install Tool
CVT-PH-38300	Hose, Air 3/8" 300 psi, Goodyear Yellow
CVT-WHIP-2-B	Hose, Air Gun Whip, 2' Blue
CVT-4-12	Hose, Nylon Recoil, 1/4" MNPT x 12' Yel 200 psi w/Swivel Ends
CVT-TP-2436	Paper, Template, 24" x 36"
CVT-PITMAT	Pit Mat, 48" x 32" x 1", Oil & Water Resistant
CVT-6329	Tarp, 12' x 16' Waterproof
CVT-MT100	Temp. Laser, Infrared, -67° F to 230° F, Key Ring
CVT-SSW-020	Wire, Safety, .020", 1lb Can
CVT-SSW-025	Wire, Safety, .025", 1lb Can
CVT-SSW-032	Wire, Safety, .032", 1lb Can
CVT-SSW-041	Wire, Safety, .041", 1lb Can
CVT-WW-1410IS	Wreck Wrap, 36" x 200'
CVT-CD3	Wrench, Cam Drive Spanner
CVT-1236	Wrench, Steel 1-1/8", Single
TYR-TY232MX	Cable Tie, 18lbs., 8", Black Nylon
TYR-TY232MX-1000	Cable Tie, 18lbs., 8", Black Nylon
TYR-TY234MX	Cable Tie, 18lbs., 14", Black Nylon
TYR-TY234MX-1000	Cable Tie, 18lbs., 14", Black Nylon
TYR-TY25MX	Cable Tie, 50lbs., 7", Black Nylon
TYR-TY27MX	Cable Tie, 120lbs., 13", Black Nylon w/SS Tab, Bg/100
TYR-TY28MX	Cable Tie, 50lbs., 14", Black Nylon
TYR-TY28MX-1000	Cable Tie, 50lbs., 14", Black Nylon
TYR-TY529MX	Cable Tie, 120lbs., 30", Black Nylon
TPE-06138	Electric Tape 3/4" x 66 Ft
TPE-AF-1X60AF075	Aluminum Foil Tape 1" x 60'
TPE-AF-2503M	Aluminum Foil Tape, 3m, 2" x 50'
TPE-AF-2X60AF075	Aluminum Foil Tape 2" x 60'



CVPRBRUSH



CVT-SSW-020



AN Aluminum Wrenches

AN WRENCHES

PART #	DESCRIPTION
CVT-4	-4 Alum AN Wrench
CVT-6	-6 Alum AN Wrench
CVT-8	-8 Alum AN Wrench
CVT-10	-10 Alum AN Wrench
CVT-12	-12 Alum An Wrench
CVT-16	-16 Alum AN Wrench
CVT-Wrench Set	-4/-16 Alum Double Wrench Set Ended
CVT-4-8	Wrench, Carburetor, AN-4 / AN-8



J-BAR THE GOLD STANDARD DIRT LATE MODEL

PART #	DESCRIPTION
CVS6000	Panhard Bar
CVS6000-4	Adjustable Sleeve 4"
CVS5010*	Sway Bar End Link

*NOTE: Also comes in 3", 5" and 6"

VALVE SPRING MICROMETER

PART #	DESCRIPTION
CVT-171	Micrometer, Valve Spring Installed Height, 1.600" - 2.200"
CVT-172	Micrometer, Valve Spring Installed Height, 1.900" - 2.600"



CVT-171



"The system is easy to install, set cam timing, makes power, reduces harmonics and is priced right!"

-Charlie Fisher / Fisher Racing Engines

CHAMPIONSHIP WINNING BELT DRIVES

USED BY NASCAR, NHRA, DIRT LATE MODEL, SPRINT CAR & OTHER TOP ENGINE BUILDERS

(2) VERSIONS AVAILABLE

ELITE SERIES ULTIMATE PERFORMANCE

FEATURING: FRICTION REDUCTION

"CAPTURED" LOW DRAG HUB/SEAL PLATE ASSEMBLY

(Back View)



(Front View)



PRO SERIES PERFORMANCE WITH VALUE

FEATURING: TRADITIONAL THRUST SET-UP

"ADJUSTABLE" HUB/SEAL PLATE ASSEMBLY



SPRINT CAR



XTS91300
BBC 1.000" RAISED
CAM DRIVE SHOWN



Made in USA



DIRT LATE MODEL

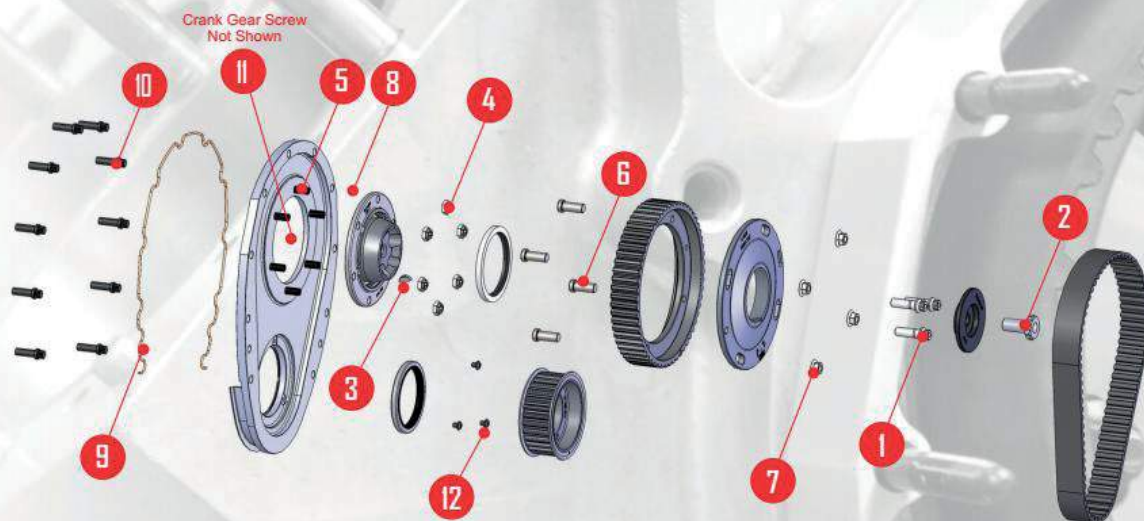


PRO MOD



TOP DRAGSTER





MISCELLANEOUS HARDWARE

ITEM #	PART #	DESCRIPTION	APPLICATIONS
1	XTC15009	Cam Shaft Bolt	All SBC & BBC XTS Cam Drives
2	XTC15010	Spider Retaining Bolt, LH	All XTS Cam Drives
2	XTC15010-S	R07 Spider Retaining Bolt, LH	XTS70200 & 90200
2	XTC15029	Cam Gear Bolt, .440"	XTS70102 & 70103, 90102 & 90103
3	XTC15012	1/8" x 1/2" Woodruff Key	All XTS Cam Drives
4	XTC15013	Flexlock Nut-Thin 1/4"-20	All XTS Cam Drives
5	XTC15020	Press In Stud for All Covers	All XTS Cam Drives
6	XTC15029	Low HD Cap Screw 1/4"-28 x .75"	XTS90102 & 90103
6	XTC15031	Low HD Cap Screw 5/16"-24 x .75"	All XTS Cam Drives (Except XTS90102 & 90103)
7	XTC15037	Flat Flange Nut 5/16"-24 x 1/4" High	All (Except XTS90300, 90306, 90102, 90103 & 91300)
7	XTC15038	Flat Flange Nut 1/4"-28 x 1/4" High	XTS70102 & 70103, 90102 & 90103
7	ARPAGN12-5CL	5/16"-24 12pt Nut .325"	XTS90300, 90306 & 91300
8	XTC15014	Cam Shim .005"	All XTS Cam Drives
8	XTC15015	Cam Shim .010"	All XTS Cam Drives
9*	XTC16005	O-Ring Cord	All XTS Cam Drives
10	ARP2AL.750-3SL	1/4"-20 12pt SS Bolt	All Elite Series Cam Drives
10	BLTAC.750A	1/4"-20 x 3/4" 12pt Bolt	All Pro Series Cam Drives
11	BLP6078-010	Cam Shim .010"	All XTS Cam Drives (Except SBF)
11	BLP6078-015	Cam Shim .015"	All XTS Cam Drives (Except SBF)
11	BLP6078-020	Cam Shim .020"	All XTS Cam Drives (Except SBF)
12	XTC15040	Crank Seal Screw 8-32 x .1875"	All XTS Cam Drives

*NOTE: O-Ring Cord is sold by the foot. A minimum purchase of 3 feet is required for backplate.

*XTS HAS REDEFINED THE BELT DRIVE SYSTEM IN THE RACING INDUSTRY.



*TOP RACING TEAMS UTILIZE THE PATENTED TECHNOLOGY TO POWER THEIR ENGINES AND WIN CHAMPIONSHIPS.

XTS INTRODUCED MULTIPLE FEATURES:

- Patented Cam Thrust Bearing
- Patented timing belt technology
- Billet Aluminum construction
- Cam seal retention holder
- O-ring seal for enhanced block to plate seal
- Designed for easy install
- ARP & quality fasteners
- Precision hard anodized gears with integrated belt guards



CUSTOM CONFIGURATIONS AVAILABLE
ASK YOUR CV SALES REP

PATENTED THRUST BEARING TECHNOLOGY

(12) **United States Patent**
Runley

(10) Patent No.: US 7,331,319 B1
(45) Date of Patent: Feb. 19, 2008

(54) CAM HUB MOUNTING ASSEMBLY: 5,152,205 A * 10/1992 Doudis 123,901,7
6,302,641 B1 * 3/2001 Reganov 123,901,7
6,391,513 B2 * 7/2005 Reed 14,567

(75) Inventor: Kevin L. Runley, Unionsville, NC (US)

(73) Assignee: CV Products, Inc., Thomasville, NC (US)

(* *) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 426 days.

(21) Appl. No.: 11/083,470 123,901,5
(22) Filed: Mar. 18, 2005

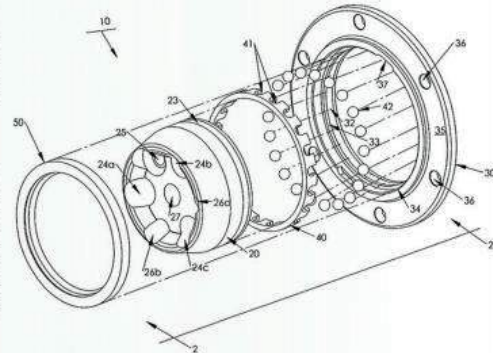
(51) Int. Cl. F01L 1/02 (2006.01)
(52) U.S. Cl. 121/900.31; 123/900.27; 123/900.45

(58) Field of Classification Search: 123/90.15; 123/90.16; 90/17; 90/18; 90/31; 90/27; 90/34; 123/910.6; 209/084

See application file for complete search history.

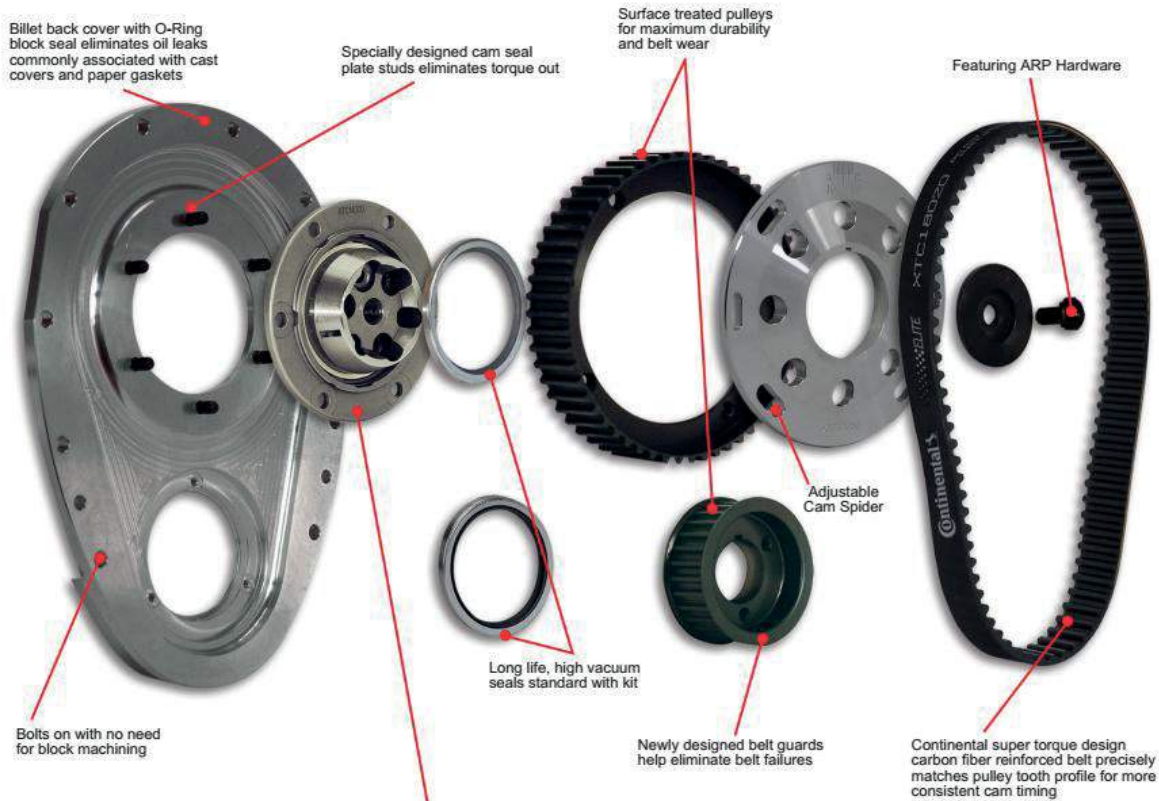
(56) References Cited
U.S. PATENT DOCUMENTS
2,000,009 A * 4/1994 Makino 20,888,01

7 Claims, 9 Drawing Sheets



ELITE SERIES

ULTIMATE PERFORMANCE WITH FRICTION REDUCTION



WHAT'S THE DIFFERENCE IN BACK COVERS?



Grooved Pan Rail for Oil Pan End Rail Seal

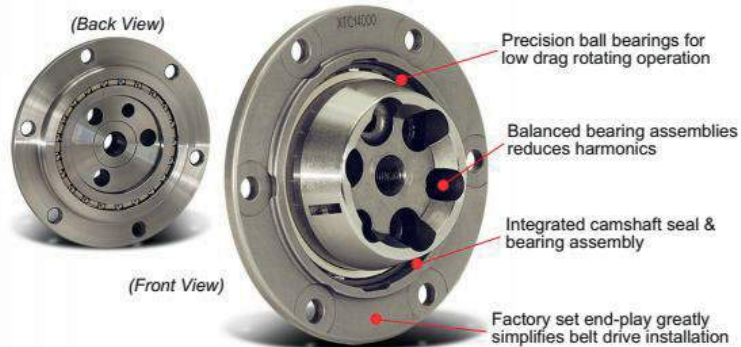


Solid Pan Rail for RTV Silicone Sealing

FEATURING

"CAPTURED" LOW DRAG HUB/SEAL PLATE ASSEMBLY

PATENT # 7331319



- Precisely controls the thrust end-play of the camshaft for less ignition timing deviation
- Longer service life than traditional bearings without complicated oiling configurations
- Extends life of cam, lifters and distributor gears due to less camshaft end-play

SBC STANDARD CAM HEIGHT

XTS90003

GROOVED PAN RAIL, 8-HOLE SPIDER, SBC SNOUT

XTC10002	Billet Back Cover, Grooved Pan Rail	1
XTC11000	SBC Cam Gear STD Cam	1
XTC12001	Crank Gear SBC 1.250" Crank	1
XTC13050	8-Hole Cam Spider	1
XTC14000	Low Drag Thrust Assembly	1
XTC16006	Cam Seal	1
XTC16008	Crank Seal	1
XTC18000	Timing Belt fits SBC	1

XTS90007

SOLID PAN RAIL, 8-HOLE SPIDER, SBC SNOUT

XTC10001	Billet Back Cover, Solid Pan Rail	1
XTC11000	SBC Cam Gear STD Cam	1
XTC12001	Crank Gear SBC 1.250" Crank	1
XTC13050	8-Hole Cam Spider	1
XTC14000	Low Drag Thrust Assembly	1
XTC16006	Cam Seal	1
XTC16008	Crank Seal	1
XTC18000	Timing Belt fits SBC	1

XTS90005

GROOVED PAN RAIL, 8-HOLE SPIDER, SBC SNOUT

XTC10002	Billet Back Cover, Grooved Pan Rail	1
XTC11000	SBC Cam Gear STD Cam	1
XTC12001	Crank Gear SBC 1.250" Crank	1
XTC13050	8-Hole Cam Spider	1
XTC14000	Low Drag Thrust Assembly	1
XTC16006	Cam Seal	1
XTC16008	Crank Seal	1
XTC18000	Timing Belt fits SBC	1

XTS90009

SOLID PAN RAIL, 8-HOLE SPIDER, SBC SNOUT

XTC10001	Billet Back Cover, Solid Pan Rail	1
XTC11000	SBC Cam Gear STD Cam	1
XTC12001	Crank Gear SBC 1.250" Crank	1
XTC13050	8-Hole Cam Spider	1
XTC14000	Low Drag Thrust Assembly	1
XTC16006	Cam Seal	1
XTC16008	Crank Seal	1
XTC18000	Timing Belt fits SBC	1

XTS90002

GROOVED PAN RAIL, 8-HOLE SPIDER, BBC SNOUT

XTC10002	Billet Back Cover, Grooved Pan Rail	1
XTC11000	SBC Cam Gear STD Cam	1
XTC12000.01	Crank Gear SBC 1.600" Crank	1
XTC13050	8-Hole Cam Spider	1
XTC14000	Low Drag Thrust Assembly	1
XTC16006	Cam Seal	1
XTC16008	Crank Seal	1
XTC18000	Timing Belt fits SBC	1

XTS90004

GROOVED PAN RAIL, SOLID SPIDER, BBC SNOUT

XTC10002	Billet Back Cover, Grooved Pan Rail	1
XTC11000	SBC Cam Gear STD Cam	1
XTC12000.01	Crank Gear SBC 1.600" Crank	1
XTC13050	8-Hole Cam Spider	1
XTC14000	Low Drag Thrust Assembly	1
XTC16006	Cam Seal	1
XTC16008	Crank Seal	1
XTC18000	Timing Belt fits SBC	1

XTS90006

SOLID PAN RAIL, 8-HOLE SPIDER, BBC SNOUT

XTC10001	Billet Back Cover, Solid Pan Rail	1
XTC11000	SBC Cam Gear STD Cam	1
XTC12000.01	Crank Gear SBC 1.600" Crank	1
XTC13050	8-Hole Cam Spider	1
XTC14000	Low Drag Thrust Assembly	1
XTC16006	Cam Seal	1
XTC16008	Crank Seal	1
XTC18000	Timing Belt fits SBC	1

XTC13050
8-HOLE SPIDER SHOWN



XTC13001
SOLID SPIDER SHOWN
(Optional)

SBC STANDARD CAM HEIGHT (continued)

XTS90008 SOLID PAN RAIL, SOLID SPIDER, BBC SNOUT		
XTC10001	Billet Back Cover, Solid Pan Rail	1
XTC11000	SBC Cam Gear STD Cam	1
XTC12000.01	Crank Gear SBC 1.600" Crank	1
XTC13050	8-Hole Cam Spider	1
XTC14000	Low Drag Thrust Assembly	1
XTC16006	Cam Seal	1
XTC16008	Crank Seal	1
XTC18000	Timing Belt fits SBC	1

SBC .391" RAISED CAM HEIGHT

XTS90091 GROOVED PAN RAIL, SOLID SPIDER, BBC SNOUT, .391" RAISED		
XTC10091	Billet Back Cover, SBC, .391" Raised, Grooved Pan Rail	1
XTC11091	SBC Cam Gear .391"	1
XTC12091	SBC Crank Gear, .391", 1.600" Crank	1
XTC13050	8-Hole Cam Spider	1
XTC14000	Low Drag Thrust Assembly	1
XTC16006	Cam Seal	1
XTC16008	Crank Seal	1
XTC18019	Timing Belt .391" Raised Cam	1

XTS90091-S* GROOVED PAN RAIL, SOLID SPIDER, BBC SNOUT, .391" RAISED		
XTC10091	Billet Back Cover, SBC, .391" Raised, Grooved Pan Rail	1
XTC11091	SBC Cam Gear .391"	1
XTC12091	SBC Crank Gear, .391", 1.600" Crank	1
XTC13001	Solid Cam Spider	1
XTC14000	Low Drag Thrust Assembly	1
XTC16006	Cam Seal	1
XTC16008	Crank Seal	1
XTC18019	Timing Belt .391" Raised Cam	1

*NOTE: Available with Cover Included. Ask for Kit XTS90091-S-C

XTS90092 GROOVED PAN RAIL, SOLID SPIDER, SBC SNOUT, .391" RAISED		
XTC10091	Billet Back Cover, SBC, .391" Raised, Grooved Pan Rail	1
XTC11091	SBC Cam Gear .391"	1
XTC12092	SBC Crank Gear .391" 1.250" Crank	1
XTC13050	8-Hole Cam Spider	1
XTC14000	Low Drag Thrust Assembly	1
XTC16006	Cam Seal	1
XTC16008	Crank Seal	1
XTC18019	Timing Belt .391" Raised Cam	1

SBC .440" RAISED CAM HEIGHT

XTS90102 SOLID PAN RAIL, SOLID SPIDER, SBC SNOUT, .440" RAISED		
XTC10014	SBC Billet Back Cover .440"	1
XTC11014	SBC Cam Gear .440"	1
XTC12014	Crank Gear SBC 1.250" Crank	1
XTC13014	Solid Cam Spider .440"	1
XTC14000	Low Drag Thrust Assembly	1
XTC16006	Cam Seal	1
XTC16008	Crank Seal	1
XTC18014	Timing Belt .440" Raised Cam	1

XTS90103 SOLID PAN RAIL, SOLID SPIDER, BBC SNOUT, .440" RAISED		
XTC10014	SBC Billet Back Cover .440"	1
XTC11014	SBC Cam Gear .440"	1
XTC12013	Crank Gear 1.600" Snout	1
XTC13014	Solid Cam Spider .440"	1
XTC14000	Low Drag Thrust Assembly	1
XTC16006	Cam Seal	1
XTC16008	Crank Seal	1
XTC18014	Timing Belt .440" Raised Cam	1

XTS90091-S
XTC13001
SOLID SPIDER SHOWN



XTS90102
XTC13014
.440" SOLID SPIDER SHOWN

XTS91000
XTC13050
 8-HOLE SPIDER SHOWN

BBC STANDARD CAM HEIGHT

XTS91000		
BBC CAMSHAFT DRIVE, STANDARD CAM		
XTC10020	BBC Billet Back Cover STD	1
XTC11020	BBC Cam Gear STD Cam	1
XTC12020	Crank Gear BBC Snout	1
XTC13050	8-Hole Cam Spider	1
XTC14011	BBC Roller Thrust Bearing w/o Seal	1
XTC15037	Flat Flange Nut 5/16"-24 x 1/4" High	4
XTC16006	Cam Seal	1
XTC16007	Crank Seal Double Lip	1
XTC16010	O-Ring fits BBC Thrust Assembly	1
XTC18020	Timing Belt for Standard BBC	1
ARP2AL750-3SL	1/4"-20 12pt SS Bolt	10



BBC 1.000" RAISED CAM HEIGHT

XTS91300		
BBC CAMSHAFT DRIVE, 1.000" RAISED CAM		
XTC10029	BBC Back Cover	1
XTC11030	66T Cam Gear	1
XTC12030	HTD Crank Gear	1
XTC13029	30mm Steel Spider	1
XTC14029	BBC Cam Hub Assembly	1
XTC15040	Crank Seal Screw 8-32 x .1875"	3
XTC16006	Cam Seal	1
XTC16007	Crank Seal	1
XTC16010	O-Ring fits BBC Thrust Assembly	1
XTC18100	Timing Belt for 1.000" Up BBC	1
ARP2AL750-3SL	1/4"-20 12pt SS Bolt	12
ARPAGN12-5CL	5/16"-24 12pt Nut .325"	6



XTS91300
XTC13029
 30mm STEEL SPIDER SHOWN

GM R07

XTS90200

GM NASCAR ENGINE

XTC10200.01	R07 Crank Seal Carrier O-Ring	1
XTC11040	RY45, R5/P7 & R07 Cam Gear	1
XTC12200	Crank Gear R07 25mm	1
XTC13200	R07 Cam Drive Spider	1
XTC14204	R07 Roller Thrust Assembly	1
XTC15010-S	R07 Spider Retaining Bolt, LH	1
XTC16006	Cam Seal	1
XTC16007	Crank Seal	1
XTC15009	Cam Shaft Bolt fits All	3
XTC15012	1/8" x 1/2" Woodruff Key	1
XTC15031	Low HD Cap Screw 5/16"-24 x .75"	4
XTC15037	Flat Flange Nut 5/16"-24 x 1/4" High	4
XTC15211	R07 SBF Spider Washer	1
ARP2AL.750-3SL	1/4"-20 12pt SS Bolt	4
BLTAC.625A	1/4"-20 x 5/8" 12pt Bolt	4

XTS90200
XTC13200
R07 SPIDER SHOWN



SBF 289-351W

XTS94000

SBF CAMSHAFT DRIVE, STANDARD CAM

XTC10400	SBF Back Cover	1
XTC11400	SBF Cam Gear 60 Tooth	1
XTC12400	SBF Crank Gear 30 Tooth	1
XTC13001	Solid Cam Spider	1
XTC14400	SBF Roller Thrust Bearing	1
XTC15011	Spider Retaining Washer	1
XTC15012	1/8" x 1/2" Woodruff Key	1
XTC15013	Flexlock Nut-Thin 1/4"-20	6
XTC15014	End Play Shim, 6 Bolt, .005"	1
XTC15015	End Play Shim, 6 Bolt, .010"	2
XTC15020	Press In Stud for All Covers	6
XTC15031	Low HD Cap Screw 5/16"-24 x .75"	4
XTC15037	Flat Flange Nut 5/16"-24 x 1/4" High	4
XTC15040	Crank Seal Screw 8-32 x .1875"	3
XTC16006	Cam Seal	1
XTC16008	Crank Seal	1
XTC18400	Timing Belt fits SBF	1
CV-AS-914	O-Ring/Motor Plate	4
ARP200-8509	Washer/Special	1
ARP5AP1.750-1U	Cam Bolt	1

XTS94000
XTC13001
SOLID SPIDER SHOWN





BELT TECHNOLOGY DESIGNED EXCLUSIVELY FOR RACING APPLICATIONS



Premium aftermarket products

Formally Goodyear Engineered Products

CARBON-FIBER COMPOUND & BELT CONSTRUCTION

US Patent Number 691884982



Precision-molded teeth provide high strength, shear resistance needed to assure a long, dependable life.

Reduces friction & wear withstands temperatures of 300°F.

Tough, synthetic facing for long belt and pulley life. The facing of the Elite belt is impregnated with high-grade rubber polymers for outstanding resistance to abrasion, heat.

Dimensionally stable cords for strength and precision.

Virtually eliminates tooth deflection.

Belt compounds tested on NASCAR® circuit for optimal performance.

Oil resistant backing. Cord is dimensionally stable, resists shrinking and elongation of the belt.

Belt's cord is made using high-strength glass with finer, stronger filaments than found in most timing belts. Manufactured to resist shrinking and elongation.

"MAKES POWER"

PROVEN RESULTS BY TOP ENGINE BUILDERS

"In brief, the system is easy to install, set cam timing, makes power, reduces harmonics and is priced right!"

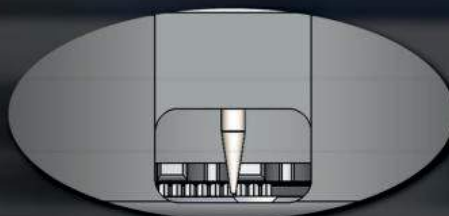
-Charlie Fisher / Fisher Racing Engines



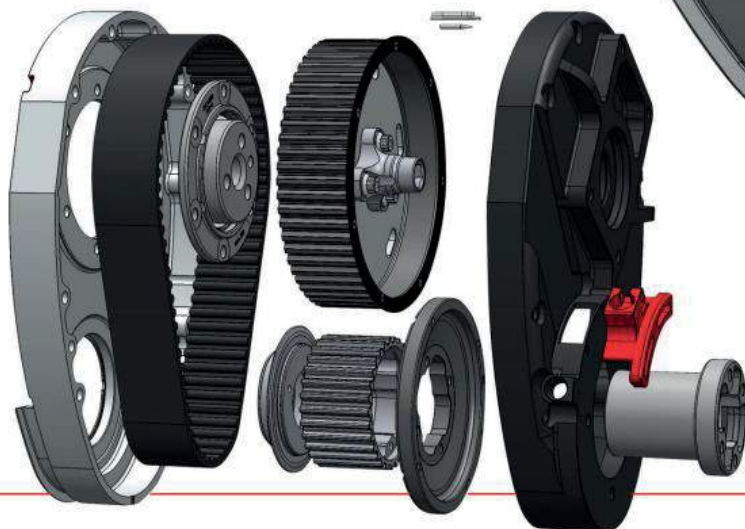
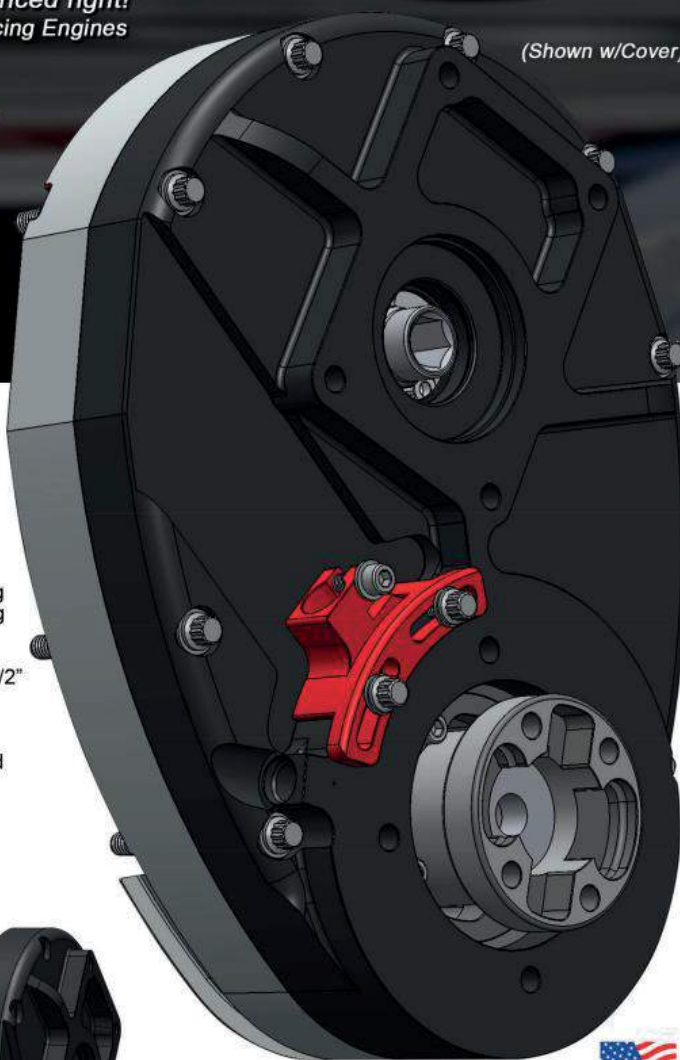
NEW FEATURES:

- Relocated timing location from crank to camshaft utilizing cam gear timing marks and larger timing pointer featuring Lexan Cover for easy viewing and timing.
- New timing pick-up designed for 3/8" threaded MSD or 1/2" Electromotive optical pick-up.
- Optional water pump drive:
 - 1) 7075 Aluminum Hard Coat Anodized for long wear and lighter weight
 - 2) Traditional 4140 Steel designed for extended wear applications
- Lighter weight complete drive weighs 10lbs.

Additional Timing Port Located at Top of Cover



(Shown w/Cover)



XTC14000
LOW DRAG THRUST
BEARING ASSEMBLY
(Patent # 7,331,319)



(Front View)

SPRINT CAR SBC .391" RAISED CAM HEIGHT**XTS90300****SBC SPRINT CAR CAMSHAFT DRIVE, .391" RAISED CAM**

XTC10300	SBC Back Plate, STD Cam	1
XTC11301	Cam Gear, STD Cam, 58 Tooth	1
XTC11310	SBC Oil Pump Drive	1
XTC12302	SBC Rear Guard	1
XTC12303	Water Pump Drive	1
XTC12304	Water Pump Drive Washer	1
XTC12305	W/P Drive Wear Insert	2
XTC12306	Crank Gear, STD Cam, 40mm	1
XTC12308	Front Guard, Crank Gear	1
XTC13300	SBC Spider, Sprint Car	1
XTC14300	Elite Roller Thrust Bearing	1
XTC15013	Flexlock Nut-Thin 1/4"-20	6
XTC15303	Crank Trigger Timing Body	1
XTC15301	Magnet, Crank Trigger, 2nd Gen	4
XTC15505	Timing Port Cover	1
XTC15506	Timing Pointer	1
XTC15507	12pt Flange Head Cap Screws, 1/4"-20 x 2.500"	8
XTC15508	1/4" SS Flat Washer, Mil Spec	8
XTC15509	12pt Flange Head Cap Screw, 10-32 x .500"	2
XTC16005	XTC16005 O-Ring Cord 1ft	3
XTC16006	Cam Seal Single Lip	1
XTC16008	Crank Seal Double Lip SBC	1
XTC16310	Oil Pump Seal	1
XTC18300	Timing Belt, Sprint Car	1
XTC19300	SBC Front Plate, Raised Cam, REV C	1



XTS90300
XTC13300
SPRINT CAR SPIDER SHOWN

OPTIONAL PARTS

XTC15300	3/8" Threaded Pickup Bracket
XTC12307	Aluminum W/P Drive

SPRINT CAR SBC STANDARD CAM HEIGHT**XTS90306****SBC SPRINT CAR CAMSHAFT DRIVE, STANDARD CAM**

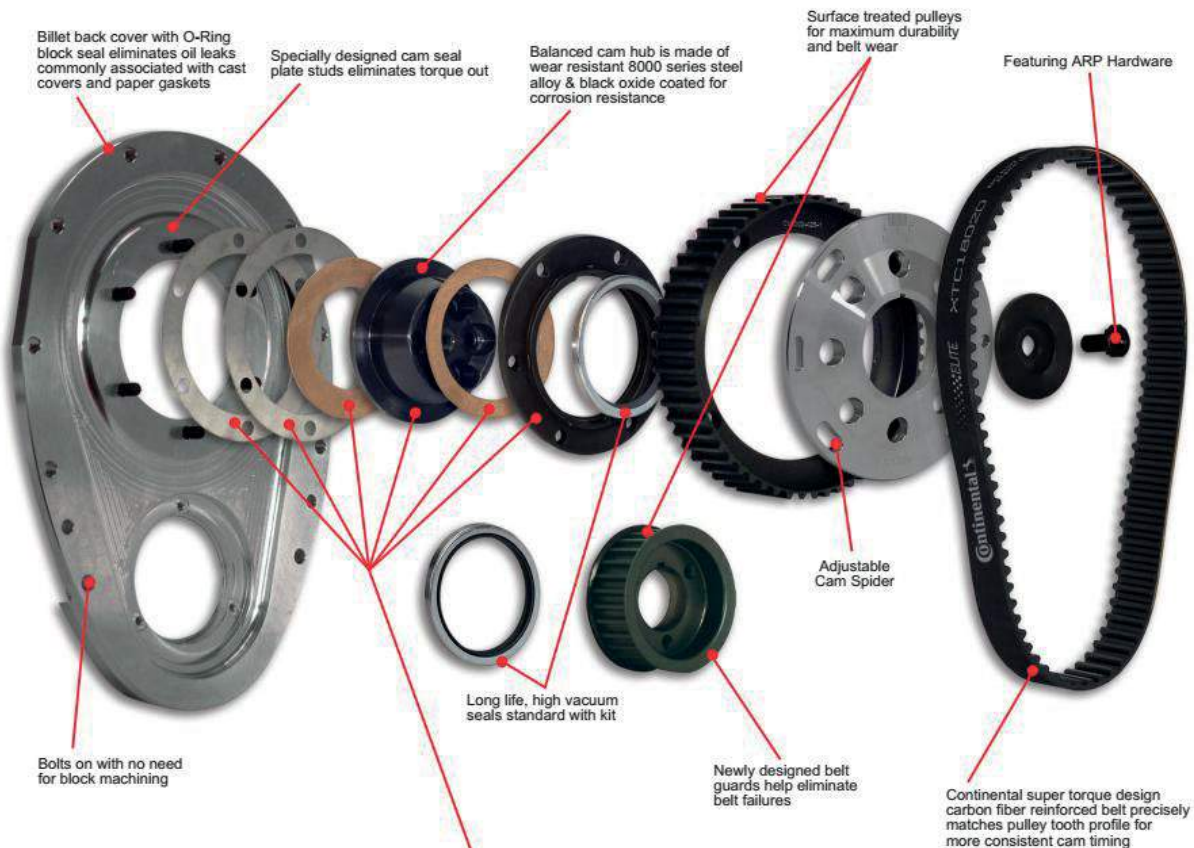
XTC10306	SBC Back Plate, STD Cam	1
XTC11307	Cam Gear, STD Cam, 56 Tooth	1
XTC11310	SBC Oil Pump Drive	1
XTC12302	SBC Rear Guard	1
XTC12303	Water Pump Drive	1
XTC12304	Water Pump Drive Washer	1
XTC12305	W/P Drive Wear Insert	2
XTC12306	Crank Gear, STD Cam, 40mm	1
XTC12308	Front Guard, Crank Gear	1
XTC13300	SBC Spider, Sprint Car	1
XTC14300	Elite Roller Thrust Bearing	1
XTC15013	Flexlock Nut-Thin 1/4"-20	6
XTC15303	Crank Trigger Timing Body	1
XTC15301	Magnet, Crank Trigger, 2nd Gen	4
XTC15505	Timing Port Cover	1
XTC15506	Timing Pointer	1
XTC15507	12pt Flange Head Cap Screws, 1/4"-20 x 2.500"	8
XTC15508	1/4" SS Flat Washer, Mil Spec	8
XTC15509	12pt Flange Head Cap Screw, 10-32 x .500"	2
XTC16005	XTC16005 O-Ring Cord 1ft	3
XTC16006	Cam Seal Single Lip	1
XTC16008	Crank Seal Double Lip SBC	1
XTC16310	Oil Pump Seal	1
XTC18306	Timing Belt, Sprint Car	1
XTC19306	SBC Front Plate, Raised Cam, REV C	1



XTS90306
XTC13300
SPRINT CAR SPIDER SHOWN
w/CUTAWAY VIEW OF COVER

PRO SERIES

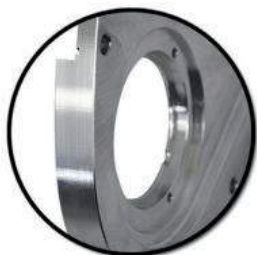
PERFORMANCE WITH VALUE & TRADITIONAL SET-UP



WHAT'S THE DIFFERENCE IN BACK COVERS?



Grooved Pan Rail for Oil Pan End Rail Seal



Solid Pan Rail for RTV Silicone Sealing



FEATURING

"ADJUSTABLE" HUB/SEAL PLATE ASSEMBLY

Camshaft end play shims provided

Cam Seal plate has a positive seal stop preventing engine vacuum from pulling seal inward



Controls the trust end-play of the camshaft using bronze shim system

- Preferred assembly on high mileage blocks that have had frequent line hone operations
- Used when oversize cam bearing machining results in change in cam to crank centerline
- Adjustability for cam position, allowing for crank to cam centerline variation

SBC STANDARD CAM HEIGHT

XTS70003

GROOVED PAN RAIL, 8-HOLE SPIDER, SBC SNOUT

XTC10002	SBC Billet Back Cover, STD Cam, Grooved Pan Rail	1
XTC11000	Cam Gear	1
XTC12001	Crank Gear, SBC, 1.250" Crank	1
XTC13050	8-Hole Cam Spider	1
XTC16006	Cam Seal	1
XTC16008	Crank Seal	1
XTC18000	Timing Belt fits SBC	1

XTS70007

SOLID PAN RAIL, 8-HOLE SPIDER, SBC SNOUT

XTC10003	SBC Billet Back Cover STD	1
XTC11000	Cam Gear	1
XTC12001	Crank Gear SBC, 1.250" Crank	1
XTC13050	8-Hole Cam Spider	1
XTC16006	Cam Seal	1
XTC16008	Crank Seal	1
XTC18000	Timing Belt fits SBC	1

XTS70005

GROOVED PAN RAIL, SOLID SPIDER, SBC SNOUT

XTC10002	SBC Billet Back Cover, STD Cam Height, Grooved Pan Rail	1
XTC11000	Cam Gear	1
XTC12001	Crank Gear, SBC, 1.250" Crank	1
XTC13050	8-Hole Cam Spider	1
XTC16006	Cam Seal	1
XTC16008	Crank Seal	1
XTC18000	Timing Belt fits SBC	1

XTS70009

SOLID PAN RAIL, SOLID SPIDER, SBC SNOUT

XTC10003	SBC Billet Back Cover STD	1
XTC11000	Cam Gear	1
XTC12001	Crank Gear SBC, 1.250" Crank	1
XTC13050	8-Hole Cam Spider	1
XTC16006	Cam Seal	1
XTC16008	Crank Seal	1
XTC18000	Timing Belt fits SBC	1

XTS70002

GROOVED PAN RAIL, 8-HOLE SPIDER, BBC SNOUT

XTC10002	SBC Billet Back Cover, Grooved Pan Rail	1
XTC11000	Cam Gear	1
XTC12000.01	Crank Gear, SBC, 1.600" Crank	1
XTC13050	8-Hole Cam Spider	1
XTC16006	Cam Seal	1
XTC16008	Crank Seal	1
XTC18000	Timing Belt fits SBC	1

XTS70004

GROOVED PAN RAIL, SOLID SPIDER, BBC SNOUT

XTC10002	SBC Billet Back Cover, STD Cam, Grooved Pan Rail	1
XTC11000	Cam Gear	1
XTC12000.01	Crank Gear, SBC, 1.600" Crank	1
XTC13050	8-Hole Cam Spider	1
XTC16006	Cam Seal	1
XTC16008	Crank Seal	1
XTC18000	Timing Belt fits SBC	1

XTS70006

SOLID PAN RAIL, 8-HOLE SPIDER, BBC SNOUT

XTC10003	SBC Billet Back Cover STD	1
XTC11000	Cam Gear	1
XTC12000.01	Crank Gear SBC, 1.600" Crank	1
XTC13050	8-Hole Cam Spider	1
XTC16006	Cam Seal	1
XTC16008	Crank Seal	1
XTC18000	Timing Belt fits SBC	1

XTS70008

SOLID PAN RAIL, SOLID SPIDER, BBC SNOUT

XTC10003	SBC Billet Back Cover STD	1
XTC11000	Cam Gear	1
XTC12000.01	Crank Gear SBC, 1.600" Crank	1
XTC13050	8-Hole Cam Spider	1
XTC16006	Cam Seal	1
XTC16008	Crank Seal	1
XTC18000	Timing Belt fits SBC	1



XTC13050
8-HOLE SPIDER SHOWN



XTC13001
SOLID SPIDER SHOWN
(Optional)

ALL SBC STANDARD CAMS INCLUDE HUB/SEAL PLATE ASSEMBLY:

XTC14100-1	2.950" x 2.260" x .032" Front Bronze Shim SBC	1
XTC14100-2	2.950" x 1.878" x .032" Rear Bronze Shim SBC	1
XTC14101-1	SBC Cam Hat	1
XTC14101-2	SBC Seal Plate	1
XTC15014	Thrust Bearing Shim, .005" Thick	1
XTC15015	Thrust Bearing Shim, .010" Thick	1

SBC .391" RAISED CAM HEIGHT

XTS70091

GROOVED PAN RAIL, SOLID SPIDER, BBC SNOUT, .391" RAISED

XTC10091	Billet Back Cover, SBC, .391" Raised Cam, Grooved Pan Rail	1
XTC11091	SBC Cam Gear .391"	1
XTC12091	SBC Crank Gear, .391" Raised Cam, 1.600" Crank	1
XTC13050	8-Hole Cam Spider	1
XTC14100-1	2.950" x 2.260" x .032" Front Bronze Shim SBC	1
XTC14100-2	2.950" x 1.878" x .032" Rear Bronze Shim SBC	1
XTC14101-1	SBC Cam Hat	1
XTC14101-2	SBC Seal Plate	1
XTC16006	Cam Seal	1
XTC16008	Crank Seal	1
XTC18019	Timing Belt .391" Raised Cam	1

XTS70092

GROOVED PAN RAIL, SOLID SPIDER, SBC SNOUT, .391" RAISED

XTC10091	Billet Back Cover, SBC, .391" Raised Cam, Grooved Pan Rail	1
XTC11091	SBC Cam Gear .391"	1
XTC12092	SBC Crank Gear .391" Raised Cam, 1.250" Crank	1
XTC13050	8-Hole Cam Spider	1
XTC14100-1	2.950" x 2.260" x .032" Front Bronze Shim SBC	1
XTC14100-2	2.950" x 1.878" x .032" Rear Bronze Shim SBC	1
XTC14101-1	SBC Cam Hat	1
XTC14101-2	SBC Seal Plate	1
XTC16006	Cam Seal	1
XTC16008	Crank Seal	1
XTC18019	Timing Belt .391" Raised Cam	1



XTS70091
XTC13050
8-HOLE SPIDER SHOWN

SBC .440" RAISED CAM HEIGHT

XTS70102

SOLID PAN RAIL, SOLID SPIDER, SBC SNOUT, .440" RAISED

XTC10014	SBC Billet Back Cover .440"	1
XTC11014	SBC Cam Gear .440"	1
XTC12014	SBC Crank Gear, 1.250" Crank	1
XTC13014	Solid Cam Spider, .440"	1
XTC14100-1	2.950" x 2.260" x .032" Front Bronze Shim SBC	1
XTC14100-2	2.950" x 1.878" x .032" Rear Bronze Shim SBC	1
XTC14101-1	SBC Cam Hat	1
XTC14101-2	SBC Seal Plate	1
XTC16006	Cam Seal	1
XTC16008	Crank Seal	1
XTC18014	Timing Belt .440" Raised Cam	1

XTS70103

SOLID PAN RAIL, SOLID SPIDER, BBC SNOUT, .440" RAISED

XTC10014	SBC Billet Back Cover .440"	1
XTC11014	SBC Cam Gear .440"	1
XTC12013	BBC Crank Gear, 1.600" Crank	1
XTC13014	Solid Cam Spider, .440"	1
XTC14100-1	2.950" x 2.260" x .032" Front Bronze Shim SBC	1
XTC14100-2	2.950" x 1.878" x .032" Rear Bronze Shim SBC	1
XTC14101-1	SBC Cam Hat	1
XTC14101-2	SBC Seal Plate	1
XTC16006	Cam Seal	1
XTC16008	Crank Seal	1
XTC18014	Timing Belt .440" Raised Cam	1



XTS70103
XTC13014
.440" SOLID SPIDER SHOWN



XTS71000
XTC13050
 8-HOLE SPIDER SHOWN

BBC STANDARD CAM HEIGHT

XTS71000		
BBC CAMSHAFT DRIVE, STANDARD CAM		
XTC10020	BBC Billet Back Cover, STD Cam Height	1
XTC11020	BBC Cam Gear STD Cam	1
XTC12020	Crank Gear BBC Snout	1
XTC13050	8-Hole Cam Spider	1
XTC14100-1	2.950" x 2.260" x .032" Front Bronze Shim SBC	1
XTC14100-3	2.950" x 1.960" x .032" Rear Bronze Shim BBC	1
XTC14111-1	Pro Cam Hat	1
XTC14111-2	Pro Seal Plate	1
XTC15011	Spider Retaining Washer	1
XTC16006	Cam Seal	1
XTC16007	Crank Seal	1
XTC18020	Timing Belt for Standard BBC	1

BBC .400" RAISED CAM HEIGHT

XTS71100		
BBC CAMSHAFT DRIVE, .400" RAISED CAM		
XTC10028	Back Cover .400" Raised Cam	1
XTC11091	SBC Cam Gear 0.391"	1
XTC12028	Crank Gear	1
XTC13050	8-Hole Cam Spider	1
XTC14100-1	2.950" x 2.260" x .032" Front Bronze Shim SBC	1
XTC14100-3	2.950" x 1.960" x .032" Rear Bronze Shim BBC	1
XTC14111-1	Pro Cam Hat	1
XTC14111-2	Pro Seal Plate	1
XTC15011	Spider Retaining Washer	1
XTC16006	Cam Seal	1
XTC16007	Crank Seal	1
XTC18025	Timing Belt for .400" Up BBC	1



ADJUSTABLE TIMING POINTER KIT

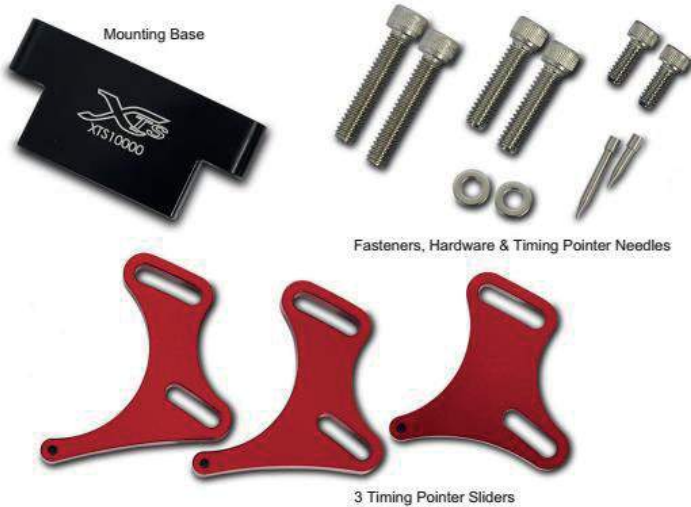
XTS10000 Fits SBC Balancers 6.125", 6.375" & 7"

Works with Stamped Steel and Billet Timing Covers, along with all XTS SBC Belt Drives and other camshaft belt drives. The XTS10000 kit contains all fasteners and hardware, two timing pointer needles, one mounting base and three timing pointer sliders allowing six fitment applications.

NOTE: Does not fit GM LS engine applications.



XTS10000 - COMPLETE TIMING POINTER KIT



TIMING POINTERS

PART #	DESCRIPTION
CV9988000S	SBC Timing Pointer 8"
CV9996250F	BBC Timing Pointer 6.25"
CV9997000A	BBC Timing Pointer 7"
CV9998000F	BBC Timing Pointer 8"



INSTALLATION TOOLS

PART #	DESCRIPTION
CVT-CD2	Crank Gear Installer
CVT-CD3	Cam Drive Spanner
CVT-1286	Seal Installer, SBC w/BBC Crank Snout



DUST COVERS

PART #	DESCRIPTION
XTC19000	Stamped Aluminum Dust Cover/SBC/STD Cam
XTC19005	Billet Back Cover/SBC/STD & Raised Cam
XTC19010	Billet Back Cover/BBC
XTC19402	Stamped Aluminum Dust Cover/SBF



REPLACEMENT BELTS

PART #	DESCRIPTION
XTC18000	SBC Standard Cam
XTC18010	SBC .391 Raised Cam SBC Snout w/dler 30mm Wide
XTC18014	SBC .440 Raised Cam
XTC18019	SBC .391 Raised Cam
XTC18020	BBC Standard Cam
XTC18025	BBC .400 Raised Cam
XTC18100	BBC 1.000 Raised Cam
XTC18300	410 Sprint Car Drive .391 Raised Cam 40mm Wide
XTC18306	360 Sprint Car Drive Standard Cam 40mm Wide
XTC18400	SBF 351W Cam Drive



WORLD CLASS TECHNOLOGY

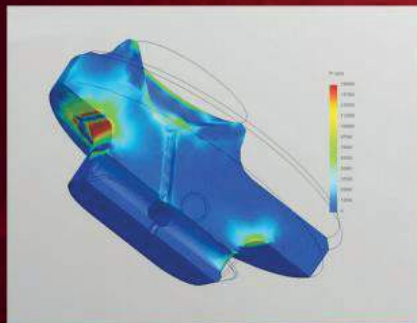
Producing quality technical components for F1, NASCAR, NHRA, and other forms of motorsports.

Xceldyne is committed to providing superior reliability and performance through the finest R&D, Engineering, Manufacturing, Quality Control and Customer Service available to motorsports professionals today. Xceldyne is AS9100C Certified Custom Manufacturing facility.

Since 2003, Xceldyne valves and valvetrain components has been the brand offering only the best in titanium valves, lash caps, retainers, spring locators, valve guides, valve locks, valve seats, lifters along with offering custom manufacturing capabilities. This uncompromising technology and performance is available to engine builders at all levels of motorsports.

ENGINEERING

- State of the art research, design & engineering resources offering a full service solution to all levels of motorsports
- Complete project management services - including confidential engine development programs & race team consultation
- Cutting edge technology including 3D solid modeling, Finite Element Analysis (FEA), Spintron® testing capability & in-house SLA (Rapid Prototyping in Resin)
- Developer of patented reciprocating mass reduction techniques such as hollow stem & hollow head technology
- Continuous research & implementation of the latest developments of metallurgical advances



ASSIQC CERTIFIED CUSTOM MANUFACTURING FACILITY

- Environmentally controlled (humidity, temperature & particulate collection) QC room for component inspection
- Complete metrology lab with sub micron measuring capabilities featuring numerous optical & laser scanning systems, CMMs, roundness gauging & Profilometer
- Utilization of surface finish, micro-hardness, hardness & other instruments for optimal quality verification
- 100% dimensional verification from in-process inspection & final quality assurance
- Complete traceability from raw material to final delivery



MANUFACTURING

- Utilizing the latest in CNC-machine tool technology
- Dedicated manufacturing cells organized for optimal process specialization with minimal turnaround time
- Automation utilizing robotics & computerized controls allowing for maximum repeatability & quality
- In-house heat-treating facility utilizing latest digital controls & tracability
- Proprietary stem using the latest plasma thermal spray equipment with Mass Flow Control
- Machining tolerances previously unheard of in the industry with tolerances held to microns





SERVICE & SUPPORT

- Dedicated sales & support team comprised of racers that understand your needs
- Decades of experience in valvetrain development, engineering & sales/support team has worked with clients in all aspects of motorsports
- Custom short run production capabilities
- Fast turn around times from concept to completion for most applications

IN-STOCK & READY TO SHIP

Combining Xceldyne's elite manufacturing facility with decades of racing expertise, CV Products is now home to the world's largest inventory of in-stock valvetrain components. Most applications are available to ship same day.


TÜVRheinland
 AS9100C Certified
 Custom Manufacturing Facility

- **TITANIUM VALVES**
- **LASH CAPS**
- **RETAINERS**
- **SPRING LOCATORS**
- **VALVE GUIDES**
- **VALVE LOCKS**
- **VALVE SEATS**
- **CUSTOM MANUFACTURING**





**CUSTOM
MACHINING
AVAILABLE**

CUSTOM MANUFACTURING

CPG - CUSTOM PRINT GENERATOR

Valve prints are generated and sent to customer within minutes.

QUICKTURN VALVES

OFFERS EXCEPTIONAL DELIVERY TIMES

- Reduced machining lead times, typically 5 days or less
- Pre-machined blanks with predetermined moly locations allow flexibility in head, length, stem diameter and keeper groove geometries. Ask CV Sales Rep for details. See pages 196-197 for custom valve template.
- Intake sizes available in head diameters up to 2.950" and overall stem lengths of 8.000"
- Exhaust sizes available in head diameters up to 2.200" and overall stem lengths of 8.000"
- Hollow Stem Blanks are available

FULL CUSTOM CAPABILITY

OFFERS FULL FLEXIBILITY IN DESIGN

Radically improving their ability to provide CNC-machined custom Titanium Valvetrain components to your unique specifications. The CV Products and Xceldyne Custom Program can provide any tolerance you need, for virtually every application.

- Coatings
- Geometries
- Materials
- Tolerances
- Seat & Stem Finishes



**LIGHTWEIGHT
SOLUTIONS**

***THE MOST ACCURATE TITANIUM HOLLOW
STEM VALVE AVAILABLE ON THE PLANET.***

HOLLOW VALVES

For the ultimate in weight reduction, Xceldyne now offers industry leading Ti valves in hollow stem and hollow head configurations. Xceldyne's engineering and manufacturing expertise allows us to create the most accurate hollow stem valve in the industry. Call your CV sales representative with your application for more details.

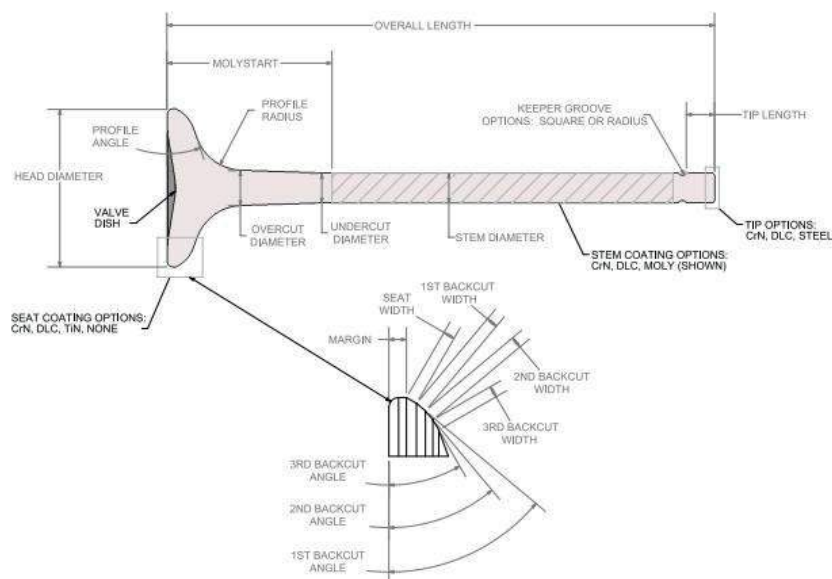
- Advanced materials & processing allow for substantial mass reduction.
- Proprietary manufacturing techniques ensure concentricity for equal stem cross sectional thickness resulting in maximum strength.
- Precision surface finish of valve ID removes imperfections & assures maximum longevity.
- Unique stem closure method provides greater strength & integrity while allowing for use with steel tip or lash cap applications.
- Hollow Sodium-Filled Stem applications also available.
- Hollow stem valves are available drilled through the Head or Tip.
- Custom made to your specifications.



TITANIUM VALVES

- Superior materials meet all standard Mil. Spec requirements and allow mass reduction, while still maintaining strength in critical areas
- Inlet material for maximum strength, ductility & toughness at intermediate temperatures
- Fully CNC-machined and ground
- 100% inspection of critical dimensions with complete traceability from raw material to complete finished product
- Exhaust alloys and processing selected for highest combination of strength, creep resistance, fracture toughness and stability at elevated temperatures
- Precision polished for flawless surface finish & reduced carbon build up
- Seat run out of .001" or less

NOTE: All shelf valves with .3100" stem or larger include steel tip, unless otherwise noted.



SMALL BLOCK TITANIUM VALVES - EXHAUST

PART #	HEAD DIAMETER	OVERALL LENGTH	STEM DIAMETER	KEEPER GROOVE TYPE	MARGIN	SEAT WIDTH/ ANGLE	PROFILE ANGLE	PROFILE RADIUS	TIP LENGTH	BACKCUT ANGLE/ WIDTH	MOLY START
XEV-CI-5001	1.625"	5.640"	0.3100"	Radius	0.090"	50°/.060"	20°	0.500"	0.290"	35°/.060"	1.700"
XEV-CI-5004	1.625"	6.000"	0.3100"	Radius	0.090"	50°/.060"	20°	0.500"	0.290"	35°/.060"	1.950"
XEV-CI-5010	1.625"	5.640"	0.3100"	Radius	0.090"	55°/.065"	20°	0.500"	0.290"	40°/.025"	1.700"
XEV-CI-5011	1.650"	5.640"	0.3100"	Radius	0.090"	55°/.065"	20°	0.500"	0.290"	40°/.025"	1.700"
XEV-CI-5012	1.625"	6.000"	0.3100"	Radius	0.090"	55°/.065"	20°	0.500"	0.290"	40°/.025"	1.950"
XEV-CI-5013	1.650"	6.000"	0.3100"	Radius	0.090"	55°/.065"	20°	0.500"	0.290"	40°/.025"	1.950"
XEV-UPM-1001	1.625"	5.600"	0.3412"	Radius	0.090"	50°/.100"	20°	0.625"	0.294"	-	1.700"
XEV-UPM-1002	1.625"	5.640"	0.3412"	Radius	0.090"	50°/.100"	20°	0.625"	0.294"	-	1.750"
XEV-UPM-1005	1.625"	5.840"	0.3412"	Radius	0.090"	50°/.100"	20°	0.625"	0.294"	-	1.750"
XEV-UPM-1006	1.625"	6.000"	0.3412"	Radius	0.090"	50°/.100"	20°	0.625"	0.300"	-	1.750"
XEV-UPM-1007	1.625"	6.000"	0.3100"	Radius	0.090"	50°/.100"	20°	0.625"	0.300"	-	1.750"
XEV1600-5040-3412-R	1.600"	5.040"	0.3412"	Radius	0.075"	45°/.100"	20°	0.438"	0.294"	-	1.525"
XEV1600-5140-3412-R	1.600"	5.140"	0.3412"	Radius	0.075"	45°/.100"	20°	0.438"	0.294"	-	1.525"
XEV1600-5540-3100-R-50-1	1.600"	5.540"	0.3100"	Radius	0.075"	50°/.100"	20°	0.438"	0.302"	-	1.750"
XEV1600-5540-3412-R-1	1.600"	5.540"	0.3412"	Radius	0.075"	45°/.100"	20°	0.438"	0.294"	-	1.750"
XEV1600-5640-3100-R-50-1	1.600"	5.640"	0.3100"	Radius	0.075"	50°/.100"	20°	0.438"	0.302"	-	1.750"
XEV1600-5640-3412-R-1	1.600"	5.640"	0.3412"	Radius	0.075"	45°/.100"	20°	0.438"	0.294"	-	1.750"
XEV1600-6090-3412-R	1.600"	6.090"	0.3412"	Radius	0.075"	45°/.080"	25°	0.625"	0.294"	-	1.750"
XEV1625-5540-3100-R25-1	1.625"	5.540"	0.3100"	Radius	0.075"	45°/.100"	25°	0.625"	0.302"	-	1.750"
XEV1625-5540-3412-R-1	1.625"	5.540"	0.3412"	Radius	0.075"	45°/.100"	20°	0.438"	0.294"	-	1.750"
XEV1625-5540-3412-R25-50-1	1.625"	5.540"	0.3412"	Radius	0.075"	50°/.100"	25°	0.625"	0.294"	-	1.750"
XEV1625-5640-3100-R25-55-1	1.625"	5.640"	0.3100"	Radius	0.075"	55°/.100"	25°	0.625"	0.302"	-	1.750"
XEV1625-5640-3412-R25-1	1.625"	5.640"	0.3412"	Radius	0.075"	45°/.100"	25°	0.625"	0.294"	-	1.750"
XEV1625-5640-3412-R-D-50-1	1.625"	5.640"	0.3412"	Radius	0.075"	50°/.100"	20°	0.625"	0.294"	-	1.750"
XEV1625-5740-3412-R25-1	1.625"	5.740"	0.3412"	Radius	0.075"	45°/.100"	25°	0.625"	0.294"	-	1.750"

SMALL BLOCK TITANIUM VALVES - INTAKE

PART #	HEAD DIAMETER	OVERALL LENGTH	STEM DIAMETER	KEEPER GROOVE TYPE	MARGIN	SEAT WIDTH/ ANGLE	PROFILE ANGLE	PROFILE RADIUS	TIP LENGTH	BACKCUT ANGLE/ WIDTH	MOLY START
XIV-CI-5001	2.180"	5.640"	0.3100"	Radius	0.060"	45°/.050"	12°	0.375"	0.290"	30°/.090"	1.600"
XIV-CI-5003-CRN*	2.210"	5.640"	0.3100"	Radius	0.060"	45°/.050"	12°	0.375"	0.290"	30°/.090"	1.600"
XIV-CI-5004-CRN*	2.210"	6.000"	0.3100"	Radius	0.060"	45°/.050"	12°	0.375"	0.290"	30°/.090"	1.650"
XIV-CI-5014-CRN*	2.250"	6.000"	0.3100"	Radius	0.060"	50°/.050"	12°	0.375"	0.290"	35°/.090"	1.600"
XIV-CI-7003-CRN*	2.210"	5.580"	0.2754"	Radius	0.060"	50°/.050"	12°	0.375"	0.230"	35°/.090"	1.600"
XIV-CI-7004-CRN*	2.210"	5.940"	0.2754"	Radius	0.060"	50°/.050"	12°	0.375"	0.226"	35°/.090"	1.650"
XIV-UPM-5004-CRN*	2.180"	5.950"	0.3110"	Radius	0.075"	50°/.080"	12°	0.375"	0.302"	37°/.080"	1.410"
XIV-UPM-5005-CRN*	2.200"	5.840"	0.3100"	Radius	0.075"	50°/.080"	12°	0.375"	0.302"	37°/.080"	1.500"
XIV2055-4940-3412	2.055"	4.940"	0.3412"	Square	0.075"	45°/.090"	10°	0.375"	0.290"	-	1.050"
XIV2055-5040-3412	2.055"	5.040"	0.3412"	Square	0.075"	45°/.090"	10°	0.375"	0.290"	-	1.050"
XIV2055-5040-3412-R	2.055"	5.040"	0.3412"	Radius	0.075"	45°/.090"	10°	0.375"	0.302"	-	1.050"
XIV2080-5040-3412	2.080"	5.040"	0.3412"	Square	0.075"	45°/.090"	10°	0.375"	0.290"	-	1.050"
XIV2080-5040-3412-R	2.080"	5.040"	0.3412"	Radius	0.075"	45°/.090"	10°	0.375"	0.294"	-	1.050"
XIV2080-5140-3412-R	2.080"	5.140"	0.3412"	Radius	0.075"	45°/.090"	10°	0.375"	0.294"	-	1.050"
XIV2100-5040-3130-R	2.100"	5.040"	0.3130"	Radius	0.065"	45°/.070"	12°	0.375"	0.290"	-	1.050"
XIV2100-5140-3412	2.100"	5.140"	0.3412"	Square	0.075"	45°/.090"	10°	0.375"	0.290"	-	1.050"
XIV2100-6261-3100-R-C*	2.100"	6.261"	0.3110"	Radius	0.071"	47°/.081"	10°	0.375"	0.363"	30°/.100"	2.010"
XIV2100-6261-3412-R-C*	2.100"	6.261"	0.3412"	Radius	0.071"	47°/.081"	10°	0.375"	0.360"	47°/.081"	2.010"
XIV2125-5140-3412	2.125"	5.140"	0.3412"	Square	0.075"	45°/.090"	10°	0.375"	0.290"	-	1.050"
XIV2125-5240-3412-R	2.125"	5.240"	0.3412"	Radius	0.075"	45°/.090"	10°	0.375"	0.294"	-	1.050"
XIV2150-5340-3100-R-D	2.150"	5.340"	0.3100"	Radius	0.075"	45°/.090"	12°	0.375"	0.302"	-	1.050"
XIV2150-5340-3412-R	2.150"	5.340"	0.3412"	Radius	0.075"	45°/.090"	12°	0.375"	0.294"	-	1.050"
XIV2150-5540-3100-R	2.150"	5.540"	0.3100"	Radius	0.075"	45°/.090"	12°	0.375"	0.302"	-	1.050"
XIV2150-5540-3100-R50-BC	2.150"	5.540"	0.3100"	Radius	0.070"	50°/.060"	12°	0.375"	0.302"	35°/.080"	1.050"
XIV2150-5540-310-R-D-50BC-CRN*	2.150"	5.540"	0.3100"	Radius	0.070"	50°/.060"	12°	0.375"	0.302"	35°/.080"	1.050"
XIV2150-5540-3412-R	2.150"	5.540"	0.3412"	Radius	0.075"	45°/.090"	12°	0.375"	0.294"	-	1.050"
XIV2180-5540-3100-R	2.180"	5.540"	0.3100"	Radius	0.075"	45°/.090"	12°	0.375"	0.302"	-	1.050"
XIV2180-5540-3100-R-50	2.180"	5.540"	0.3100"	Radius	0.075"	50°/.090"	12°	0.375"	0.302"	-	1.050"
XIV2180-5540-3100-R-D-DLC	2.180"	5.540"	0.3110"	Radius	0.065"	45°/.060"	12°	0.375"	0.302"	30°/.080"	1.050"
XIV2180-5540-310-R-D-50BC-CRN*	2.180"	5.540"	0.3100"	Radius	0.065"	50°/.060"	12°	0.375"	0.290"	35°/.090"	1.050"
XIV2180-5540-3412	2.180"	5.540"	0.3412"	Square	0.075"	45°/.090"	12°	0.375"	0.290"	-	1.050"
XIV2180-5540-3412-R	2.180"	5.540"	0.3412"	Radius	0.075"	45°/.090"	12°	0.375"	0.294"	-	1.050"
XIV2180-5640-3100-R	2.180"	5.640"	0.3100"	Radius	0.075"	45°/.090"	12°	0.375"	0.302"	-	1.050"
XIV2180-5640-3100-R50-D	2.180"	5.640"	0.3100"	Radius	0.075"	50°/.090"	12°	0.375"	0.302"	-	1.050"
XIV2180-5640-310-R-D-50BC-CRN*	2.180"	5.640"	0.3100"	Radius	0.065"	50°/.060"	12°	0.375"	0.290"	35°/.090"	1.050"
XIV2180-5740-3100-R	2.180"	5.740"	0.3100"	Radius	0.075"	45°/.090"	12°	0.375"	0.302"	-	1.050"
XIV2180-5740-3100-R50	2.180"	5.740"	0.3100"	Radius	0.075"	50°/.090"	12°	0.375"	0.302"	-	1.050"
XIV2180-5740-3100-R50-D	2.180"	5.740"	0.3100"	Radius	0.075"	50°/.090"	12°	0.375"	0.302"	-	1.050"
XIV2180-5740-310-R-D-50BC-CRN*	2.180"	5.740"	0.3100"	Radius	0.065"	50°/.060"	12°	0.375"	0.290"	-	1.050"
XIV2180-5740-3412-R	2.180"	5.740"	0.3412"	Radius	0.075"	45°/.090"	12°	0.375"	0.294"	-	1.050"
XIV2180-5840-3100-R50	2.180"	5.840"	0.3100"	Radius	0.075"	50°/.090"	12°	0.375"	0.302"	-	1.050"
XIV2180-5840-310-R-D-50BC-CRN*	2.180"	5.840"	0.3100"	Radius	0.065"	50°/.060"	12°	0.375"	0.290"	35°/.090"	1.050"
XIV2180-5900-2754-R-CRN*	2.180"	5.900"	0.2754"	Radius	0.050"	52°/.060"	12°	0.313"	0.133"	35°/.095"	1.750"
XIV2180-5900-2754-R-DLC	2.180"	5.900"	0.2754"	Radius	0.050"	52°/.060"	12°	0.313"	0.133"	35°/.095"	1.640"
XIV2200-5540-310-R-D-50BC-CRN*	2.200"	5.640"	0.3100"	Radius	0.065"	50°/.060"	12°	0.375"	0.290"	35°/.080"	1.020"
XIV2200-5640-3100-R-50-D*	2.200"	5.640"	0.3100"	Radius	0.075"	50°/.060"	12°	0.375"	0.302"	35°/.075"	1.050"
XIV2200-5640-310-R-D-50BC-CRN*	2.200"	5.640"	0.3100"	Radius	0.065"	50°/.060"	12°	0.375"	0.290"	35°/.090"	1.050"
XIV2200-6090-3100-R	2.200"	6.090"	0.3100"	Radius	0.075"	45°/.080"	12°	0.375"	0.302"	33°/.090"	1.050"
XIV2200-6090-3412-R	2.200"	6.090"	0.3412"	Radius	0.075"	45°/.080"	12°	0.375"	0.294"	33°/.090"	1.050"
XIV2200-6250-3100-R	2.200"	6.250"	0.3100"	Radius	0.075"	45°/.080"	12°	0.375"	0.302"	33°/.090"	1.050"

*CRN - Chromium Nitride Head Coating NOTE: Custom valves available starting from 4mm stem diameter.

*Featuring NEW CrT CRN Coating for extended wear capabilities and extreme applications.



*FEATURING NEW THICKER CrN COATING

- Chrome Nitride Coating for Friction & Wear Reduction
- For Extended Wear Capabilities
- For Extreme Dirt Racing Applications
- Multiple Micron Thickness



SPRINT CAR - EXHAUST

PART #	HEAD DIAMETER	OVERALL LENGTH	STEM DIAMETER	KEEPER GROOVE TYPE	MARGIN	SEAT WIDTH/ ANGLE	PROFILE ANGLE	PROFILE RADIUS	TIP LENGTH	BACKCUT ANGLE/ WIDTH	MOLY START
XEV1600-5140-3100-R-SPEC	1.600"	5.140"	0.3100"	Radius	0.080"	45°/.060"	15°	0.500"	0.290"	31°/.080"	1.375"
XEV1600-5140-3415-R-SPEC	1.600"	5.140"	0.3415"	Radius	0.080"	45°/.060"	15°	0.500"	0.290"	31°/.080"	1.375"
XEV1600-5950-3110-R	1.600"	5.950"	0.3110"	Radius	0.080"	45°/.085"	20°	0.750"	0.290"	-	1.800"
XEV1625-5950-3110-R	1.625"	5.950"	0.3110"	Radius	0.080"	45°/.085"	20°	0.750"	0.290"	-	1.800"
XEV1625-5950-3412-R	1.625"	5.950"	0.3412"	Radius	0.080"	45°/.085"	20°	0.750"	0.290"	-	1.800"



*FEATURING NEW THICKER CrN COATING

- Chrome Nitride Coating for Friction & Wear Reduction
- For Extended Wear Capabilities
- For Extreme Dirt Racing Applications
- Multiple Micron Thickness

SPRINT CAR VALVES - INTAKE

PART #	HEAD DIAMETER	OVERALL LENGTH	STEM DIAMETER	KEEPER GROOVE TYPE	MARGIN	SEAT WIDTH/ ANGLE	PROFILE ANGLE	PROFILE RADIUS	TIP LENGTH	BACKCUT ANGLE/ WIDTH	MOLY START
XIV2055-5040-3100-R-SPEC*	2.055"	5.040"	0.3100"	Radius	0.070"	45°/.050"	10°	0.375"	0.290"	30°/.080"	1.375"
XIV2055-5040-3412-R-SPEC*	2.055"	5.040"	0.3412"	Radius	0.070"	45°/.050"	10°	0.375"	0.290"	30°/.080"	1.375"
XIV2080-5040-3100-R-SPEC*	2.080"	5.040"	0.3100"	Radius	0.070"	45°/.050"	10°	0.375"	0.290"	30°/.080"	1.375"
XIV2080-5040-3412-R-SPEC*	2.080"	5.040"	0.3412"	Radius	0.070"	45°/.050"	10°	0.375"	0.290"	30°/.080"	1.375"
XIV2080-5140-3100-R-SPEC*	2.080"	5.140"	0.3100"	Radius	0.080"	45°/.050"	10°	0.375"	0.290"	30°/.080"	1.375"
XIV2080-5140-3415-R-SPEC*	2.080"	5.140"	0.3415"	Radius	0.080"	45°/.050"	10°	0.375"	0.290"	30°/.080"	1.375"
XIV2100-5080-2745-R-SPEC*	2.100"	5.080"	0.2754"	Radius	0.080"	45°/.050"	10°	0.375"	0.230"	30°/.080"	1.375"
XIV2100-5080-2754-R-SPEC*	2.100"	5.080"	0.2754"	Radius	0.080"	45°/.050"	10°	0.375"	0.277"	30°/.080"	1.375"
XIV2100-5140-3100-R-SPEC*	2.100"	5.140"	0.3100"	Radius	0.080"	45°/.050"	10°	0.375"	0.290"	30°/.080"	1.375"
XIV2100-5140-3415-R-SPEC*	2.100"	5.140"	0.3415"	Radius	0.080"	45°/.050"	10°	0.375"	0.290"	30°/.080"	1.375"
XIV2125-5140-3100-R-SPEC*	2.125"	5.140"	0.3100"	Radius	0.080"	45°/.050"	10°	0.375"	0.290"	30°/.080"	1.375"
XIV2125-5140-3415-R-SPEC*	2.125"	5.140"	0.3415"	Radius	0.080"	45°/.050"	10°	0.375"	0.290"	30°/.080"	1.375"
XIV2180-5950-3110-R*	2.180"	5.950"	0.3110"	Radius	0.080"	45°/.060"	10°	0.375"	0.290"	-	1.800"
XIV2180-5950-3110-R-52*	2.180"	5.950"	0.3110"	Radius	0.080"	52°/.060"	12°	0.375"	0.290"	35°/.080"	1.800"
XIV2200-5890-2754-R-52*	2.200"	5.890"	0.2754"	Radius	0.060"	52°/.060"	12°	0.375"	0.230"	35°/.080"	1.800"
XIV2200-5950-3110-R*	2.200"	5.950"	0.3110"	Radius	0.080"	45°/.060"	10°	0.375"	0.290"	33°/.080"	1.800"
XIV2200-5950-3110-R-52*	2.200"	5.950"	0.3110"	Radius	0.080"	52°/.060"	12°	0.375"	0.290"	35°/.080"	1.800"
XIV2200-5950-3110-R-52-D*	2.200"	5.950"	0.3110"	Radius	0.080"	52°/.060"	12°	0.375"	0.290"	35°/.080"	1.800"
XIV2200-5950-3110-R-D*	2.200"	5.950"	0.3110"	Radius	0.080"	45°/.060"	10°	0.375"	0.290"	33°/.080"	1.800"
XIV2230-5950-3110-R-52*	2.230"	5.950"	0.3110"	Radius	0.080"	52°/.065"	12°	0.375"	0.290"	35°/.080"	1.800"

*NOTE: All Sprint Car Intake Valves are CRN Head Coated

*Featuring NEW CrT CRN Coating for extended wear capabilities and extreme applications.

SOME VALVES CONTAIN DISHED HEADS. Please contact your CV SalesRep for more information.

BIG BLOCK TITANIUM VALVES

- Xceldyne Titanium valves are designed for big block drag racing applications, including the popular Big Chief Pro Stock-style, Dart and Brodix style cylinder heads.
- These valves are available with or without hardened steel tips (non-tipped valves require lashcaps), depending on your needs.
- CV Products offers blanks that can be custom-machined for virtually any application that requires a non-stock length, stem diameter, or those applications that are large head designs for Pro Mod, Mountain Motor Pro Stock, offshore marine and more.

PART #	HEAD DIAMETER	OVERALL LENGTH	STEM DIAMETER	KEEPER GROOVE TYPE	MARGIN	SEAT WIDTH/ ANGLE	PROFILE ANGLE	PROFILE RADIUS	TIP LENGTH	BACKCUT ANGLE/ WIDTH	MOLY START
XIV1900-6490-3412-R	1.900"	6.490"	0.3412"	Radius	0.100"	45°/.080"	31°	0.75"	0.294"	-	1.350"
XIV2300-5540-3412-R	2.300"	5.540"	0.3412"	Radius	0.075"	45°/.080"	12°	0.375"	0.294"	-	1.350"
XIV2400-6640-3412-R	2.400"	6.640"	0.3412"	Radius	0.075"	45°/.080"	12°	0.375"	0.294"	-	1.350"

BIG BLOCK SR20 VALVES

PART #	HEAD DIAMETER	OVERALL LENGTH	STEM DIAMETER	KEEPER GROOVE TYPE	MARGIN	SEAT WIDTH/ ANGLE	PROFILE ANGLE	PROFILE RADIUS	TIP LENGTH	BACKCUT ANGLE/ WIDTH	MOLY START
XEV1800-5925-3412-R	1.800"	5.925"	0.3412"	Radius	0.080"	55°/.060"	30°	0.625"	0.310"	-	-
XEV1800-5930-3412-R	1.800"	5.930"	0.3412"	Radius	0.080"	55°/.080"	30°	0.625"	0.250"	-	-
XIV2400-6030-3412-R	2.400"	6.030"	0.3412"	Radius	0.055"	55°/.060"	12°	0.438"	0.250"	45°/.060"	-
XIV2400-6030-3412-R	2.400"	6.030"	0.3412"	Radius	0.055"	55°/.060"	12°	0.438"	0.290"	45°/.060"	-
XIV2400-6090-3412-R	2.400"	6.090"	0.3412"	Radius	0.055"	55°/.060"	12°	0.438"	0.310"	45°/.060"	-

LASH CAPS

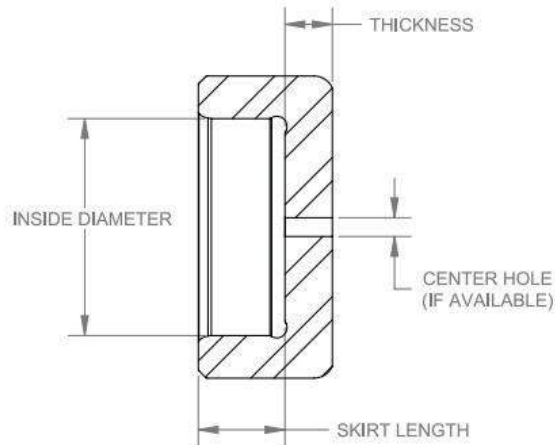
In response to ever increasing RPM and smaller stem diameter valves, lash caps have become more critical than ever to engine performance and reliability. Lash caps surface finish and I.D. tolerances are critical to valve life.

- CNC machined from the same material as steel tips for superior wear resistance
- Industry leading I.D. surface finishing techniques produce unmatched I.D. surface finish and roundness
- Available in "Slip Fit" and "Press Fit" design
- Designed to precisely match Xceldyne valve stem diameters
- Shelf I.D. tolerance of .0004" or less
- Custom I.D. tolerance available to a maximum of .0001"
- Custom lash caps available with crowned top
- Can be manufactured for virtually any stem diameter



TECH TIP

DO NOT use lash caps on valves with a hardened steel tip insert. Lash caps are intended for use on titanium valves without steel tip insert protection.



PART #	VALVE STEM DIAMETER	THICKNESS	INSIDE DIAMETER	SKIRT LENGTH	CENTER HOLE
XLC2359-060	6mm	0.060"	0.2359"	0.110"	-
XLC2359-061	6mm	0.061"	0.2359"	0.110"	-
XLC2359-062	6mm	0.062"	0.2359"	0.110"	-
XLC2359-063	6mm	0.063"	0.2359"	0.110"	-
XLC2359-064	6mm	0.064"	0.2359"	0.110"	-
XLC2359-065	6mm	0.065"	0.2359"	0.110"	-
XLC2359-066	6mm	0.066"	0.2359"	0.110"	-
XLC2359-067	6mm	0.067"	0.2359"	0.110"	-
XLC2359-068	6mm	0.068"	0.2359"	0.110"	-
XLC2359-069	6mm	0.069"	0.2359"	0.110"	-
XLC2359-070	6mm	0.070"	0.2359"	0.110"	-
XLC2359-071	6mm	0.071"	0.2359"	0.110"	-
XLC2359-072	6mm	0.072"	0.2359"	0.110"	-
XLC2359-073	6mm	0.073"	0.2359"	0.110"	-
XLC2359-074	6mm	0.074"	0.2359"	0.110"	-
XLC2359-075	6mm	0.075"	0.2359"	0.110"	-
XLC2359-076	6mm	0.076"	0.2359"	0.110"	-
XLC2359-077	6mm	0.077"	0.2359"	0.110"	-
XLC2359-078	6mm	0.078"	0.2359"	0.110"	-
XLC2359-079	6mm	0.079"	0.2359"	0.110"	-
XLC2359-080	6mm	0.080"	0.2359"	0.110"	-
XLC2757-060	7mm	0.060"	0.2757"	0.110"	-
XLC2757-061	7mm	0.061"	0.2757"	0.110"	-
XLC2757-062	7mm	0.062"	0.2757"	0.110"	-
XLC2757-063	7mm	0.063"	0.2757"	0.110"	-
XLC2757-064	7mm	0.064"	0.2757"	0.110"	-
XLC2757-065	7mm	0.065"	0.2757"	0.110"	-
XLC2757-066	7mm	0.066"	0.2757"	0.110"	-
XLC2757-067	7mm	0.067"	0.2757"	0.110"	-

PART #	VALVE STEM DIAMETER	THICKNESS	INSIDE DIAMETER	SKIRT LENGTH	CENTER HOLE
XLC2757-068	7mm	0.068"	0.2757"	0.110"	-
XLC2757-069	7mm	0.069"	0.2757"	0.110"	-
XLC2757-070	7mm	0.070"	0.2757"	0.110"	-
XLC2757-071	7mm	0.071"	0.2757"	0.110"	-
XLC2757-072	7mm	0.072"	0.2757"	0.110"	-
XLC2757-073	7mm	0.073"	0.2757"	0.110"	-
XLC2757-074	7mm	0.074"	0.2757"	0.110"	-
XLC2757-075	7mm	0.075"	0.2757"	0.110"	-
XLC2757-076	7mm	0.076"	0.2757"	0.110"	-
XLC2757-077	7mm	0.077"	0.2757"	0.110"	-
XLC2757-078	7mm	0.078"	0.2757"	0.110"	-
XLC2757-079	7mm	0.079"	0.2757"	0.110"	-
XLC2757-080	7mm	0.080"	0.2757"	0.110"	-
XLC2757-082	7mm	0.082"	0.2757"	0.110"	-
XLC2757-084	7mm	0.084"	0.2757"	0.110"	-
XLC2757-086	7mm	0.086"	0.2757"	0.110"	-
XLC2757-088	7mm	0.088"	0.2757"	0.110"	-
XLC2757-090	7mm	0.090"	0.2757"	0.110"	-
XLC2757-092	7mm	0.092"	0.2757"	0.110"	-
XLC2757-094	7mm	0.094"	0.2757"	0.110"	-
XLC2757-096	7mm	0.096"	0.2757"	0.110"	-
XLC2757-098	7mm	0.098"	0.2757"	0.110"	-
XLC2757-100	7mm	0.100"	0.2757"	0.110"	-
XLC3103-060	5/16"	0.060"	0.3103"	0.110"	-
XLC3103-080	5/16"	0.080"	0.3103"	0.110"	-
XLC3113-060	0.3110"	0.060"	0.3113"	0.110"	-
XLC3415-060	11/32"	0.060"	0.3415"	0.110"	-
XLC3415-080-180-S-H	11/32"	0.080"	0.3415"	0.180"	-
XLC3417-080	0.3415"	0.080"	0.3417"	0.150"	-

Xceldyne stocks lash caps in a variety of thicknesses ranging from .060" to .080". In most cases .001 increment. Upon ordering, last (3) numerical digits designate crown thickness. (ex. 2757-060)

XCELDYNE VALVETRAIN SYSTEM

The proper fit of the spring retainer, valve locks, and valve stem is a critical factor in determining the strength and endurance of your valvetrain. The spring retainer and valve locks should seat snug to the valve stem and not rotate freely when pulled together – in this position, the retainer should have no relative movement. Xceldyne has designed a complete "Valvetrain System" featuring 8° titanium valve locks and titanium spring retainers in order to meet these requirements. The Xceldyne 8° configuration is quickly becoming the choice of engine builders. Xceldyne locks and retainers are precisely designed and manufactured to mate exactly with Xceldyne titanium valves. CV Products strongly recommends matching these components to achieve the strongest, most reliable valvetrain system for any racing application.



TITANIUM RETAINERS

- Dedicated CNC machining cells provide highest dimensional accuracy and unmatched surface finishes in the industry
- Mil-Spec Heat Treated Titanium alloy featuring superior strength and wear resistance
- Engineered designs using solid modeling and FEA analysis allowing optimum cross section thickness for strength, reduced mass and long service life proven through Spintron validation
- Each part is individually marked with part number and batch number for complete traceability
- Retainers are available in Standard and Lightweight "LTW" designs
- Coatings available for wear reduction
- Wear Reduction solutions continually being developed

STEEL RETAINERS

- Proprietary steel alloy retainer
- Engineered utilizing FEA (Finite Element Analysis) & Spintron testing
- Lightweight design reduces weight nearly to Ti Retainer standards
- Superior wear characteristics between matching valve spring & retainer, particularly in high endurance applications



TITANIUM LOCKS

Titanium Locks from Xceldyne feature many industry exclusives that make them the finest, most reliable valve locks in racing. Xceldyne has specifically designed these locks for use with their own titanium valves, creating the ultimate desired fit available. Consider the following benefits of Xceldyne titanium locks:

- Lighter Weight - save approximately 3-4 grams per pair vs. steel
- Superior Valve Stem Fit - precise fit teamed with titanium alloy's high coefficient of friction result in NO relative motion, with no galling or wear of valve stem
- No Valve Tip Stress - special design "locks" the valve stem in the proper location below the groove
- Longer Life - superior fit results in less wear and extended service life
- Quality Control - every lock is individually inspected, guaranteeing accuracy
- 100% CNC-Machined - unparalleled surface finish and tolerances
- Compatible with titanium and steel valves

CNC MACHINED STEEL VALVE LOCKS

- Heat treated high quality steel alloy
- Black oxide finish
- Unmatched surface finish
- CNC manufactured on state of the art equipment
- Superior tolerances not available from any other manufacturer

TECH TIP

CV Products does NOT recommend valve locks that provide more than 0.050" of increased installed height because critical contact area is reduced below the keeper groove. In many cases, a longer valve is the correct method to achieve proper valve spring installed height.

VALVE LOCK OPTIONS

1) STANDARD, 0.050" MORE OR -0.050" LESS INSTALLED HEIGHT

Xceldyne Locks are available for most stem diameters. This feature allows engine builders greater flexibility in building cylinder heads and adjusting valve spring installed height. All 0.050" more installed height locks incorporate a lash cap recess to accommodate clearance, while providing adequate locking with or without the use of a lash cap.

2) RADIUS GROOVE OR SQUARE GROOVE

Both the Square Groove and Radius Groove designs are available for Xceldyne locks. Square groove locks are a proven design and have been used in all forms of motorsports for many years. The Radius Groove is ideal for today's smaller stem valves and higher rpm engines. Radius Groove Locks offer several potential benefits over conventional designs including less valve stem and tip stress.

3) SHOULDER OR NON-SHOULDER DESIGN

Xceldyne locks may be ordered with or without a "shoulder" designed to provide an extra margin of protection for steel-tipped valves. The shoulder provides additional support for the valve tip, and can maintain capture of the steel insert itself.

NOTE: Shoulder locks can only be used on valves with a tip length of .290" or more.



Non-Shoulder
Radius Groove Valve Lock



Non-Shoulder
Square Groove Valve Lock



Shoulder
Radius Groove Valve Lock



Shoulder
Square Groove Valve Lock

TECH TIP

Many engine builders are familiar with the term Super 7°, but have a popular misconception about its measurement. To avoid confusion, it is important to be aware that Super 7° components actually measure 8° of taper. All Xcelodyne mating parts are designed with this in mind.

COMPATIBLE RETAINERS & LOCKS

8° .550" GAGE RETAINERS

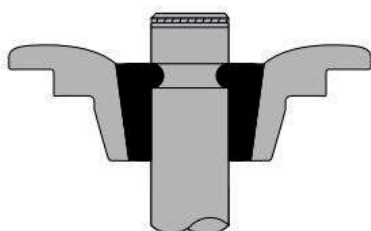
PART #	MATERIAL	TAPER ANGLE	GAGE DIAMETER	OUTER SPRING DIAMETER	INNER SPRING DIAMETER	MIDDLE SPRING DIAMETER	OUTSIDE DIAMETER	SPRING TYPE	INNER SPRING STEP HEIGHT	MIDDLE SPRING STEP HEIGHT
XRE510-LTW	Ti 17	8°	0.550"	1.120"	0.730"	-	1.450"	Double	0.100"	-
XRE510-S	Premium Steel	8°	0.550"	1.120"	0.730"	-	1.450"	Double	0.100"	-
XRE515	Ti 17	8°	0.550"	1.140"	0.745"	-	1.495"	Double	0.100"	-
XRE515-LTW	Ti 17	8°	0.550"	1.140"	0.745"	-	1.450"	Double	0.100"	-
XRE515-S	Premium Steel	8°	0.550"	1.140"	0.745"	-	1.450"	Double	0.100"	-
XRE526-LTW	Ti 17	8°	0.550"	1.065"	0.775"	-	1.350"	Double	0.070"	-
XRE530	Ti 17	8°	0.550"	1.160"	0.835"	-	1.495"	Double	0.100"	-
XRE530-LTW	Ti 17	8°	0.550"	1.160"	0.835"	-	1.450"	Double	0.100"	-
XRE530-S	Premium Steel	8°	0.550"	1.160"	0.835"	-	1.450"	Double	0.100"	-
XRE540-LTW	Ti 17	8°	0.550"	1.090"	0.800"	-	1.350"	Double	0.100"	-
XRE540-LTW-MC*	Ti 17	8°	0.550"	1.090"	0.800"	-	1.350"	Double	0.100"	-
XRE541-S	Premium Steel	8°	0.550"	1.090"	0.795"	-	1.350"	Double	0.100"	-
XRE550-LTW	Ti 17	8°	0.550"	1.180"	0.775"	-	1.450"	Double	0.100"	-
XRE553-LTW	Ti 17	8°	0.550"	1.180"	0.630"	0.870"	1.450"	Triple	0.100"	.100"
XRE555-LTW	Ti 17	8°	0.550"	1.075"	0.755"	-	1.340"	Double	0.100"	-
XRE556-LTW	Ti 17	8°	0.550"	1.075"	0.739"	-	1.340"	Double	0.100"	-
XRE562-LTW	Ti 17	8°	0.550"	1.210"	0.635"	0.870"	1.500"	Triple	0.100"	.100"
XRE565-LTW	Ti 17	8°	0.550"	1.195"	0.635"	0.870"	1.450"	Triple	0.100"	.080"
XRE572-LTW	Ti 17	8°	0.550"	1.090"	0.780"	-	1.350"	Double	0.100"	-
XRE572-LTW-MC*	Ti 17	8°	0.550"	1.090"	0.780"	-	1.350"	Double	0.100"	-
XRE572-S	Premium Steel	8°	0.550"	1.090"	0.780"	-	1.350"	Double	0.100"	-
XRE573-LTW	Ti 17	8°	0.550"	1.105"	0.710"	-	1.370"	Double	0.100"	-
XRE573-LTW-ND	Ti 17	8°	0.550"	1.105"	0.780"	-	1.370"	Double	0.100"	-
XRE573-S	Premium Steel	8°	0.550"	1.105"	0.710"	-	1.370"	Double	0.100"	-
XRE574-LTW	Ti 17	8°	0.550"	1.090"	0.765"	-	1.350"	Double	0.070"	-
XRE574-LTW-MC*	Ti 17	8°	0.550"	1.090"	0.765"	-	1.350"	Double	0.070"	-
XRE574-S	Premium Steel	8°	0.550"	1.090"	0.765"	-	1.350"	Double	0.070"	-
XRE576-LTW	Ti 17	8°	0.550"	1.105"	0.765"	-	1.370"	Double	0.100"	-
XRE576-S	Premium Steel	8°	0.550"	1.105"	0.765"	-	1.370"	Double	0.100"	-
XRE577	Ti 17	8°	0.550"	1.105"	0.710"	-	1.470"	Double	0.100"	-

* Thermal Spray Coating.

8° .550" GAGE LOCKS

PART #	MATERIAL	STEM DIAMETER	TAPER ANGLE	GROOVE TYPE	INSTALLED HEIGHT	GAGE DIAMETER	LOCK TYPE
XLO679-C	Titanium	7mm	8°	Radius	0.050" less	0.550"	-
XLO680-C	Titanium	7mm	8°	Radius	Standard	0.550"	Lash Cap Recess
XLO681-C	Titanium	7mm	8°	Radius	0.050" more	0.550"	Lash Cap Recess
XLO689	Titanium	11/32"	8°	Square	0.050" less	0.550"	-
XLO689-C	Titanium	11/32"	8°	Radius	0.050" less	0.550"	-
XLO690	Titanium	11/32"	8°	Square	Standard	0.550"	-
XLO690-C	Titanium	11/32"	8°	Radius	Standard	0.550"	-
XLO691	Titanium	11/32"	8°	Square	0.050" more	0.550"	Lash Cap Recess
XLO691-C	Titanium	11/32"	8°	Radius	0.050" more	0.550"	Lash Cap Recess
XLO692-C	Titanium	5/16"	8°	Radius	0.050" less	0.550"	-
XLO693	Titanium	5/16"	8°	Square	Standard	0.550"	-
XLO693-C	Titanium	5/16"	8°	Radius	Standard	0.550"	-
XLO693-C-311	Titanium	5/16"	8°	Radius	Standard	0.550"	Lash Cap Recess
XLO694-C	Titanium	5/16"	8°	Radius	0.050" more	0.550"	Lash Cap Recess
XLO694-C-311	Titanium	5/16"	8°	Radius	0.050" more	0.550"	Lash Cap Recess
XLO789-C	Titanium	11/32"	8°	Radius	0.050" less	0.550"	Shoulder
XLO790	Titanium	11/32"	8°	Square	Standard	0.550"	Shoulder
XLO790-C	Titanium	11/32"	8°	Radius	Standard	0.550"	Shoulder
XLO791	Titanium	11/32"	8°	Square	0.050" more	0.550"	Shoulder
XLO791-C	Titanium	11/32"	8°	Radius	Standard	0.550"	Shoulder
XLO792-C	Titanium	5/16"	8°	Radius	0.050" less	0.550"	Shoulder
XLO793-C	Titanium	5/16"	8°	Radius	Standard	0.550"	Shoulder
XLO794-C	Titanium	5/16"	8°	Radius	0.050" more	0.550"	Shoulder

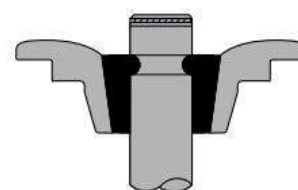
Please refer to page 113 for the proper fit of Valve Spring Retainer/Lock combination.



Top Lock Radius Groove Valve Lock



900 Series Lock



Conventional 8° Lock

XCELDYNE TOP LOCK VALVE LOCKS

The Top Lock ensures that the valve keeper groove is positioned at the top of the lock:

- Increased Contact Area - eliminates the possibility of contact above groove
- Thinner Lock Dimension - provides superior conformability to valve stem
- Increased retainer thickness due to thinner lock
- More design flexibility to accommodate today's smaller spring diameters

XCELDYNE 900 SERIES LOCKS

• Compatible with Xcelodyne's popular Top Lock Series Retainers providing the engine builder three installed height options: 0.050" more, Standard and 0.050" less.

- Thinner Lock Dimension - provides superior conformability to valve stem
- Increased retainer thickness due to thinner lock
- More design flexibility to accommodate today's smaller spring diameters

COMPATIBLE RETAINERS & LOCKS

8" .500" GAGE RETAINERS										
PART #	MATERIAL	TAPER ANGLE	GAGE DIAMETER	OUTER SPRING DIAMETER	INNER SPRING DIAMETER	MIDDLE SPRING DIAMETER	OUTSIDE DIAMETER	SPRING TYPE	INNER SPRING STEP HEIGHT	MIDDLE SPRING STEP HEIGHT
XRE512-S	Premium Steel	8°	0.500"	0.935"	0.665"	-	1.150"	Double	0.100"	-
XRE515-TL	Ti 17	8°	0.500"	0.996"	0.700"	-	1.235"	Double	0.100"	-
XRE540-TL-S	Premium Steel	8°	0.500"	1.090"	0.795"	-	1.350"	Triple	0.065"	-
XRE572-TL	Ti 17	8°	0.500"	1.090"	0.780"	-	1.350"	Double	0.100"	-
XRE572-TL-S	Premium Steel	8°	0.500"	1.090"	0.780"	-	1.350"	Double	0.100"	-
XRE572-TL-S-N	Steel	8°	0.500"	1.090"	0.635"	0.780"	1.350"	Triple	0.065"	-
XRE573-TL	Ti 17	8°	0.500"	1.105"	0.710"	-	1.370"	Double	0.100"	-
XRE574-TL	Ti 17	8°	0.500"	1.090"	0.765"	-	1.350"	Double	0.070"	-
XRE574-TL-S	Premium Steel	8°	0.500"	1.090"	0.765"	-	1.350"	Double	0.070"	-
XRE574-TL-MC	Ti 17	8°	0.500"	1.090"	0.765"	-	1.350"	Double	0.070"	-
XRE575-TL	Ti 17	8°	0.500"	1.003"	0.707"	-	1.250"	Double	0.070"	-
XRE575-TL-MC*	Ti 17	8°	0.500"	1.003"	0.707"	-	1.250"	Double	0.070"	-
XRE578-TL-S	Premium Steel	8°	0.500"	1.003"	0.707"	-	1.250"	Double	0.070"	-
XRE579-TL	Ti 17	8°	0.500"	0.996"	0.705"	-	1.325"	Double	0.100"	-

* Thermal Spray Coating
NOTE: WCC Coatings Available

8" .500" GAGE LOCKS							
PART #	MATERIAL	STEM DIAMETER	TAPER ANGLE	GROOVE TYPE	INSTALLED HEIGHT	GAGE DIAMETER	LOCK TYPE
XLO577-S	Steel	11/32"	8°	Square	Standard	0.500"	-
XLO979-C	Titanium	7mm	8°	Radius	0.050" less	0.500"	-
XLO980-C	Titanium	7mm	8°	Radius	Standard	0.500"	Lash Cap Recess
XLO981-C	Titanium	7mm	8°	Radius	0.050" more	0.500"	Lash Cap Recess
XLO989-C	Titanium	11/32"	8°	Radius	0.050" less	0.500"	-
XLO990-C	Titanium	11/32"	8°	Radius	Standard	0.500"	Lash Cap Recess
XLO991-C	Titanium	11/32"	8°	Radius	0.050" more	0.500"	-
XLO992-C	Titanium	5/16"	8°	Radius	0.050" less	0.500"	-
XLO993-C	Titanium	5/16"	8°	Radius	Standard	0.500"	Lash Cap Recess
XLO993-C-311	Titanium	0.311"	8°	Radius	Standard	0.500"	Lash Cap Recess
XLO994-C	Titanium	5/16"	8°	Radius	0.050" more	0.500"	Lash Cap Recess
XLO994-C-311	Titanium	0.311"	8°	Radius	0.050" more	0.500"	Lash Cap Recess

8" .500" GAGE TOP LOCKS							
PART #	MATERIAL	STEM DIAMETER	TAPER ANGLE	GROOVE TYPE	INSTALLED HEIGHT	GAGE DIAMETER	LOCK TYPE
XLO806-C	Titanium	6mm	8°	Radius	Top Lock	0.500"	-
XLO810-C	Titanium	7mm	8°	Radius	Top Lock	0.500"	-
XLO811-C	Titanium	5/16"	8°	Radius	Top Lock	0.500"	-
XLO811-C-311	Titanium	5/16"	8°	Radius	Top Lock	0.500"	-
XLO811-C-311-S	Steel	5/16"	8°	Radius	Top Lock	0.500"	-
XLO812-C	Titanium	11/32"	8°	Radius	Top Lock	0.500"	-
XLO818-C	Titanium	8mm	8°	Radius	Top Lock	0.500"	-

7" .350" GAGE TOP LOCKS (ONLY FITS CUSTOM RETAINERS)							
PART #	MATERIAL	STEM DIAMETER	TAPER ANGLE	GROOVE TYPE	INSTALLED HEIGHT	GAGE DIAMETER	LOCK TYPE
XLO809-C	Titanium	6mm	7°	Radius	Top Lock	0.350"	0.365" Overall Length
XLO814-C	Titanium	7mm	7°	Radius	Top Lock	0.350"	-
XLO819-C	Titanium	6mm	7°	Radius	Top Lock	0.350"	0.315" Overall Length

Please refer to page 113 for the proper fit of Valve Spring Retainer/Lock combination.

COMPATIBLE RETAINERS & LOCKS

10" .500" GAGE RETAINERS

PART #	MATERIAL	TAPER ANGLE	GAGE DIAMETER	OUTER SPRING DIAMETER	INNER SPRING DIAMETER	MIDDLE SPRING DIAMETER	OUTSIDE DIAMETER	SPRING TYPE	INNER SPRING STEP HEIGHT	MIDDLE SPRING STEP HEIGHT
XRE565-LTW-10	Ti 17	10°	0.500"	1.195"	0.635"	0.870"	1.450"	Triple	0.100"	.100"
XRE568-MINI10	Ti 17	10°	0.500"	1.057"	0.731"	0.731"	1.330"	Double	0.100"	.100"

10" .500" GAGE LOCKS

PART #	MATERIAL	STEM DIAMETER	TAPER ANGLE	GROOVE TYPE	INSTALLED HEIGHT	GAGE DIAMETER	LOCK TYPE
XLO1190-C	Ti	11/32"	10°	Radius	Standard	0.500"	Lash Cap Recess
XLO1290	Steel	11/32"	10°	Square	Standard	0.500"	Lash Cap Recess
XLO1290-C.01	Steel	11/32"	10°	Radius	Standard	0.500"	Lash Cap Recess
XLO1293-C	Ti	5/16"	10°	Radius	Standard	0.500"	Lash Cap Recess

10" .550" GAGE RETAINERS

PART #	MATERIAL	TAPER ANGLE	GAGE DIAMETER	OUTER SPRING DIAMETER	INNER SPRING DIAMETER	MIDDLE SPRING DIAMETER	OUTSIDE DIAMETER	SPRING TYPE	INNER SPRING STEP HEIGHT	MIDDLE SPRING STEP HEIGHT
XRE553-10-LTW	Ti 17	10°	0.550"	1.180"	0.630"	0.870"	1.450"	Triple	0.100"	.100"
XRE555-LTW-10	Ti 17	10°	0.550"	1.075"	0.755"	-	1.340"	Double	0.100"	-
XRE565-10-LTW	Ti 17	10°	0.550"	1.195"	0.635"	0.875"	1.500"	Triple	0.100"	.100"
XRE568-10	Ti 17	10°	0.550"	1.052"	0.727"	-	1.325"	Double	0.100"	-

10" .575" GAGE RETAINER

PART #	MATERIAL	TAPER ANGLE	GAGE DIAMETER	OUTER SPRING DIAMETER	INNER SPRING DIAMETER	MIDDLE SPRING DIAMETER	OUTSIDE DIAMETER	SPRING TYPE	INNER SPRING STEP HEIGHT	MIDDLE SPRING STEP HEIGHT
XRE557	Ti 17	10°	0.575"	1.070"	0.750"	-	1.380"	Double	0.100"	-

Please refer to page 113 for the proper fit of Valve Spring Retainer/Lock combination.



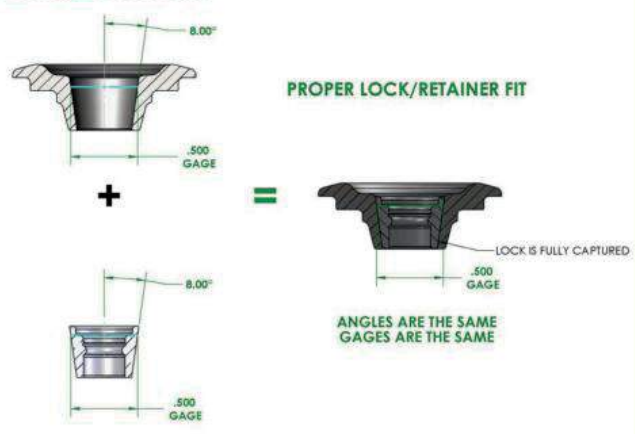
VALVE LOCKS/COTTERS

- Available in steel and titanium alloys
- Unparalleled surface finishes
- Superior tolerances not available from any other manufacturer allowing for consistent installed heights and improved clamping force
- PVD coating available for easy disassembly

TECH TIP

UNDERSTANDING LOCK/RETAINER FIT

CORRECT FITMENT =



A correct retainer and lock fit is one in which both components share the same taper angle and gage relationship. The common taper angle ensures that the load is properly distributed along the retainer/lock contact surface. The common gage relationship ensures the lock is positioned correctly within the retainer.

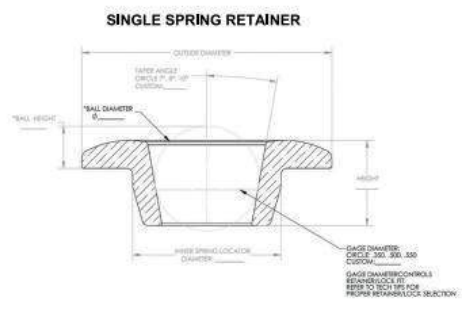
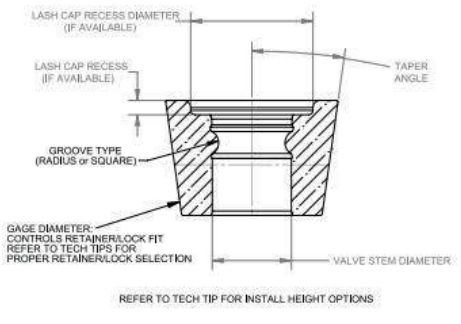
Xceldyne engineers its retainers and locks to fit correctly and makes the process of selecting compatible retainers and locks an easy one. To locate a compatible lock for a given retainer, simply select a lock that has the same angle and gage diameter as the retainer.

INCORRECT FITMENT =



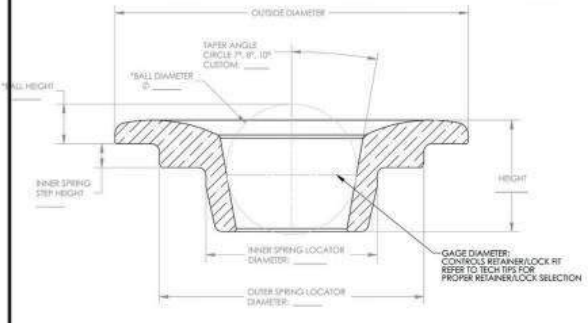
LOCKS/COTTERS/KEEPERS

UNDERSTANDING RETAINER & LOCK TERMINOLOGY

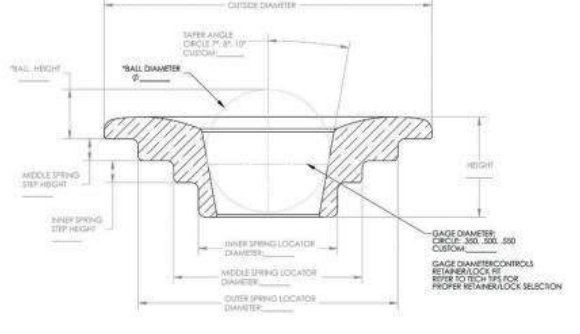


RETAINERS

DOUBLE SPRING RETAINER



TRIPLE SPRING RETAINER





WE OFFER CUSTOM SOLUTIONS FOR YOUR VALVETRAIN!

SPRING LOCATORS

Precision crafted from case hardened 8620 steel, special care has been taken to insure these Xceldyne Spring Locators are flat and the spring pad is parallel to the bottom surface.

Critical to spring life and guide wear, valve springs must not pull the valve stem up on an angle. For this reason, engine builders take great care to select quality springs that have been coiled and machined so they sit straight up. Xceldyne Spring Locators are manufactured to work in partnership with the spring. Most often, uncontrolled heat-treating is the cause of uneven locators, creating a "potato chip" shape during the hardening process. Xceldyne strictly controls the entire manufacturing process to eliminate this "seat wobble" on the head.

Custom Xceldyne spring locators are now available in different thickness without a minimum quantity.

- Available In Hardened or Nitrided Steel
- Unmatched Flatness, OD & ID Accuracy
- Customized to your Specs, Quick Turnaround



VALVE GUIDES

Xceldyne Valve Guides are the most precise guides available today. Machined using material carefully selected by Xceldyne to work equally well with both titanium and steel valves. This alloy has excellent wear qualities and is perfect for use on intake as well as exhaust applications.

Our professional engine-building customers have always required extreme precision in each and every component we build. Valve guides are held to .0003" on the OD and .0003" concentricity on every guide, for every level of competition. OD and concentricity are 100% inspected.

Custom guide manufacturing is our specialty, with no minimum quantities and machined to the same precise tolerances as our production guides.

- Xceldyne is Capable of Producing a Wide Variety of Applications
Featuring unsurpassed Tolerances with OD and Concentricity .0002" or less
- Compatible with Steel and Titanium Valves
- Different materials available upon request

**REVOLUTIONARY INTERNAL SEAL GUIDES NOW AVAILABLE
WHICH ALLOWS FOR LONGER GUIDES FOR MORE STABILITY**



**AVAILABLE WHEN
CUSTOM ORDERED**



VALVE SEATS

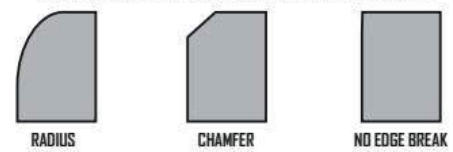
- Dimensional Accuracy on OD, Flatness and Roundness help insure ease of installation and proper sealing area
- Utilizing proprietary materials that allow for high thermal conductivity, reduced seat erosion, leakdown and extended life
- These Alloys are strongly recommended for Titanium valves and compatible with all types of racing fuels
- Alloy 25 is designed for intake applications, dissipating heat 4x faster than ductile iron seats
- MS 90 is available for specialty applications

PROPERTIES AND SPECIFICATIONS OF XCEL DYNE SEATS

Material	Heat Treat	Tensile Strength (ksi)	Thermal Expansion (in/in°F)	Thermal Conductivity (Btu/in ² ·hr·°F)	Rockwell Hardness
Alloy 25 Copper - 2% Be	HT	190-220	9.7 x 10 ⁻⁶	60	38-46 RC

Custom Valve Seats Available in a Variety of Alloys to Meet Different Requirements

CROSS-SECTIONS OF XCEL DYNE VALVE SEATS



VALVE SPRING RETAINERS

- Dedicated CNC machining cells allow for quick turnaround, highest dimensional accuracy and unmatched surface finishes in the industry
- Superior materials for strength and wear resistance
- Available in steel, aluminum, and titanium alloys
- Wear resistant treatments and coatings available



KEYWAY ROLLER LIFTERS

Xceldyne is proud to introduce the latest in valvetrain technology with the unveiling of its keyed roller lifters. Xceldyne is utilizing new techniques in engineering and machining methods to produce the finest in lifters. These lifters target the optimum in friction reduction, oil control, longevity and performance improvements. Features include integrated keyway into the body, proprietary machining of the main body allowing superior roundness for tighter clearances, optimized oil circuit methods and proprietary materials and processing. It's easy to understand Xceldyne is defining World Class Technology!

NEW
FOR 2016

Shown
ELITE SERIES



FEATURES INCLUDED

- Proprietary Tool Steel Materials
- Integrated Keyway Machined Into Lifter Body
- All Lifters Are Fully Rebuildable
- Superior Oil Circuits Utilized
- Tighter Tolerances for Superior Oil Control



Proprietary oil circuit lubricating pushrods, cam, & roller needle bearings

Integrated keyway machined into lifter body

DLC Surface Coating for low coefficient of friction

Fully machined body allows tight OD tolerances for enhanced oil control

Shown
PRO SERIES



Lifter removal hole

REM™ Surface Finish for reduced friction & wear

Semi-Pocketed for ultimate strength while reducing mass

Featuring tool steel with nitrated surface

Locking snap rings utilize for rebuilds eliminating damage to the body

ELITE SERIES LIFTER SPECIFICATIONS

ROLLER NEEDLE LIFTERS

Custom Manufactured to Your Specifications
 DLC Surface Coatings
 100% Quality Inspection

Removable Pushrod Cups Available
 Optional Wheel Diameters and Lightweight Features Available
 Laser Marked for Traceability
 Consult your CV Sales Rep for Spring Rate Info.

PRO SERIES LIFTER SPECIFICATIONS * Sold Individually

ROLLER NEEDLE LIFTERS*

PART #	LIFTER DIAMETER	ROLLER DIAMETER	NEEDLE LENGTH	WEIGHT/GRAMS	NOTES
XRL16904-000	.904	.820	.500	95g	Non Offset Bushing Lifter
XRL16904-180	.904	.820	.500	95g	.180 Offset Bushing Lifter
XRL16904-180K	.904	.820	.500	95g	.180 Offset Bushing Lifter, Key Side
XRL16937-000	.937	.850	.500	100g	Non Offset Bushing Lifter
XRL16937-180	.937	.850	.500	100g	.180 Offset Bushing Lifter
XRL16937-180K	.937	.850	.500	100g	.180 Offset Bushing Lifter, Key Side

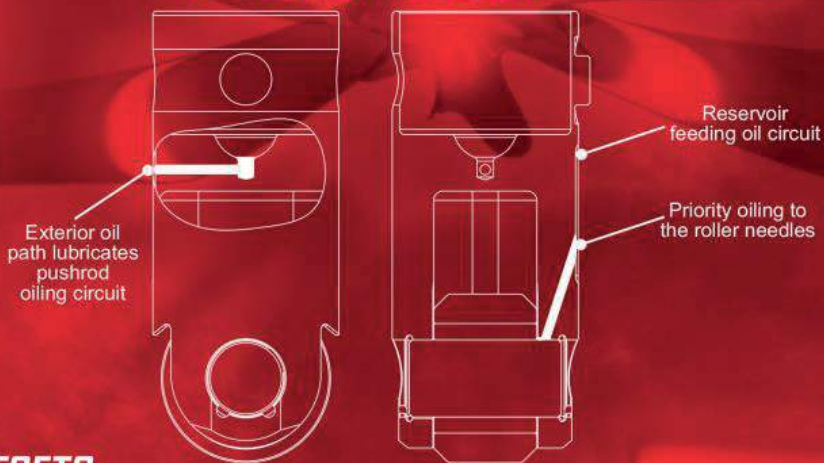
BUSHING LIFTERS*

PART #	LIFTER DIAMETER	ROLLER DIAMETER	NEEDLE LENGTH	WEIGHT/GRAMS	NOTES
XRL15904-000	.904	TBD	N/A	TBD	Non Offset Bushing Lifter
XRL15904-150	.904	TBD	N/A	TBD	.150 Offset Bushing Lifter
XRL15904-150K	.904	TBD	N/A	TBD	.150 Offset Bushing Lifter, Key Side
XRL15937-000	.937	.850	N/A	100g	Non Offset Bushing Lifter
XRL15937-150	.937	.850	N/A	100g	.150 Offset Bushing Lifter
XRL15937-150K	.937	.850	N/A	100g	.150 Offset Bushing Lifter, Key Side

SHOWN: NEEDLE ROLLER BEARING OILING METHODOLOGY



CONTACT YOUR CV SALES REP FOR YOUR BUSHING NEEDS



AVAILABLE PUSHROD OFFSETS



.180" OFFSET



CENTERED



.180" OFFSET
180K = TOWARDS KEYWAY

LIFTER BUCKETS

- Custom Made to Your Specifications
- PVD/CVD Coating Available for Reduced Wear Resistance & Friction Reduction Benefits



SURFACE FINISHING, TREATMENTS & COATINGS

An innovative in-house process developed to consistently and predictably enhance surface finish values (Ra, Rz, Rpk) by "smoothing" microscopic surface peaks developed during machining, grinding and lapping operations. Micro polishing is highly recommended prior to the application of coatings (such as DLC and CrN) upon the valve head, tip and stem.

MICRO SHOT PEEN

A precision process to effect a slight plastic deformation "dimpling" of the treated surface. Results yield a surface layer of compressive stress beneficial to improving resistance to metal fatigue and stress crack development. This process also results in lower friction due to reduced contact area.



COATINGS ARE EMPLOYED TO REDUCE FRICTION & WEAR BETWEEN MATING SURFACES.

THERMAL SPRAY COATINGS

Are formed with metal-based powders such as Molybdenum (Moly) is deposited via air plasma onto components such as valve stems and valve spring retainers to reduce friction and galling. Buildups are typically .001"-.003" in thickness.

THIN FILM COATINGS

Are advanced ultra-thin coatings which are applied inside of sophisticated PVD (Physical Vapor Deposition) or CVD (Chemical Vapor Deposition) vacuum chambers. Coating deposition is achieved through an electrical charge applied to the part while metal targets/gases are ionized and bonded to the part. Buildups are typically 2-3 microns in thickness.



SURFACE FINISHING, TREATMENTS & COATINGS

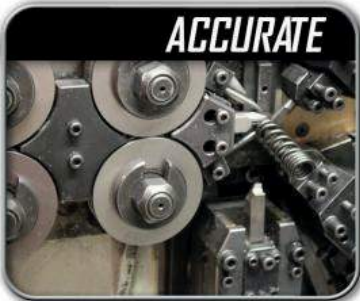
COATING TYPE	DESCRIPTION	DEPOSITION PROCESS	BENEFIT
Moly	MOLYBDENUM	Thermal Spray-Air Plasma	Valve stem (low friction), retainer lands (wear resistance)
CrN	CHROMIUM NITRIDE	PVD	Valve head, tip & stem (wear resistance, low friction)
DLC	DIAMOND-LIKE CARBON	CVD	Valve head, tip & stem, wrist pins, buckets (wear resistance, low friction)
WC/C	TUNGSTEN CARBIDE/CARBON	PVD	Valve locks (low friction, preventing micro welding, scuff resistance)





**SHELF STOCK &
CUSTOM APPLICATIONS
AVAILABLE**

PERFORMANCE FROM START TO FINISH



ACCURATE



RELIABLE



LONG LIFE

PSI combines the world's finest materials with the expertise needed to create the modern racing industry's #1 valve spring! Specially designed for racing applications, PSI springs have captured more professional racing championships than any other brand. From Sprint Cup and NHRA to your local short track, PSI uses exclusive manufacturing techniques developed by engineers with years of professional racing experience.

1000 SERIES

The 1000 Series of springs is the foundation of the PSI stable. This series launched PSI as a leader in the performance valve spring market. As time and technology have progressed, the 1000 Series springs have become the race tested workhorse for the budget minded racer. With their excellent strength and dynamic stability, these springs are a great value for anyone looking to improve the performance of their valvetrain.

1200 SERIES

Through PSI's program of continuous product improvement, the 1200 Series builds on the success of the 1000 Series by employing advanced heat-treating operations. These heat treatments increase the strength of the base materials. This increase in strength result in improvement to the fatigue limit of the wire and better resistance to load loss. These factors together allow the engine builder to push the valve train set-up to the next level.

1500 SERIES

This series has all the benefits of the 1200's plus an additional nitriding operation. The nitriding process, which is also done in-house, increases the strength at the surface of the wire and at the same time causes a slight softening of the core material. This trade-off in hardness results in a gain in endurance for the Circle Track and Road Circuit teams who are limited by the on-set of fatigue at the wire surface. Since Drag racers are not limited by endurance, the loss of core hardness does not make nitriding suitable for their applications.

MAX LIFE SERIES PREPARATION (ML)

A proprietary, multi-step surface enhancement process that has been proven to increase spring endurance, Max Life processing is available for any level of PSI spring and is very beneficial for those looking for increased endurance while maintaining their existing set-up.

RML SERIES

PSI's engineers used the latest advancements in valve spring material technology to create the ultimate high strength material used in drag racing called the RML series. The RML series includes many of the popular valve spring design's along with some new designs that utilize this high strength material. The RML series valve springs have been tested by many of the top teams and have proven to provide the ultimate load retention capability available.

TCRE SERIES

NOW AVAILABLE:
TCRE Springs tip condition
retainer end for some
applications.



ENDURANCE SPRINGS - OVERHEAD CAM APPLICATIONS (CONTINUED)

1500 SERIES													Recommended Matching Components	
PART #	DESCRIPTION	APPLICATION	OD	ID OUTER	ID MIDDLE	ID INNER	SEAT PRESSURE	OPEN PRESSURE	RATE LB/N	RETAINER STEP	MAX LIFT	COIL BIND	TITANIUM RETAINERS	STEEL LOCATORS
PSIMX20.06	Single	Overhead Cam	.740"	.514"	N/A	N/A	39lbs@1.437"	120lbs@1.062"	216	.000"	.375"	1.027"	N/A	N/A
PSIMX20.07	Single	Overhead Cam	.784"	.514"	N/A	N/A	58lbs@1.604"	180lbs@1.229"	325	.000"	.375"	1.195"	N/A	N/A
PSIMX20.08	Single	Overhead Cam	.784"	.514"	N/A	N/A	51lbs@1.604"	155lbs@1.229"	277	.000"	.375"	1.195"	N/A	N/A
PSIMX21.03	Single	Overhead Cam	.800"	.560"	N/A	N/A	33lbs@1.317"	115lbs@.957"	228	.000"	.360"	.877"	N/A	N/A
PSIMX21.04	Single	Overhead Cam	.800"	.560"	N/A	N/A	33lbs@1.317"	121lbs@.920"	223	.000"	.397"	.840"	N/A	N/A
PSIMX21.05ML	Dual	Overhead Cam	.830"	.605"	N/A	.445"	41lbs@1.375"	124lbs@.975"	208	.000"	.400"	.750"	N/A	N/A
PSIMX21.07	Single	Overhead Cam	.825"	.575"	N/A	N/A	35lbs@1.240"	126lbs@.852"	235	.000"	.388"	.802"	N/A	N/A
PSIMX21.09	Single	Overhead Cam	.800"	.560"	N/A	N/A	35lbs@1.315"	130lbs@.935"	250	.000"	.380"	.890"	N/A	N/A
PSIMX22.01	Single	Overhead Cam	.845"	.575"	N/A	N/A	35lbs@1.319"	158lbs@.915"	304	.000"	.404"	.865"	N/A	N/A
PSIMX23.01	Single	Overhead Cam	.895"	.625"	N/A	N/A	45lbs@1.322"	149lbs@.889"	240	.000"	.433"	.849"	N/A	N/A
PSIMX24.01	Single	Overhead Cam	.934"	.650"	N/A	N/A	50lbs@1.416"	175lbs@1.031"	325	.000"	.385"	.981"	N/A	N/A
PSIMX24.02	Single	Overhead Cam	.934"	.650"	N/A	N/A	40lbs@1.337"	165lbs@.902"	287	.000"	.435"	.852"	N/A	N/A
PSIMX24.03ML	Dual	Overhead Cam	.910"	.685"	N/A	.525	69lbs@1.250"	220lbs@.750"	167	.000"	.500"	.650"	N/A	N/A
PSIMX24.04	Single	Overhead Cam	.910"	.670"	N/A	N/A	25lbs@1.160"	100lbs@.760"	188	.000"	.400"	.710"	N/A	N/A
PSIMX26.01ML	Dual	Overhead Cam	1.005"	.735"	N/A	.550"	90lbs@1.200"	195lbs@.815"	273	.000"	.385"	.740"	N/A	N/A
PSIMX26.02	Single	Overhead Cam	1.000"	.730"	N/A	N/A	35lbs@1.160"	130lbs@.760"	238	.000"	.400"	.710"	N/A	N/A
PSIBH28.01ML	Beehive	Ford 3 Valve	1.065"	.565"	N/A	N/A	80lbs@1.650"	255lbs@1.100"	318	.000"	.550"	1.040"	N/A	N/A
PSIBH28.02ML	Beehive	Ford 2 Valve	1.060"	.565"	N/A	N/A	85lbs@1.650"	220lbs@1.100"	245	.000"	.550"	1.040"	N/A	N/A
PSIBH29.01ML	Beehive	Ford 4 Valve	1.105"	.595"	N/A	N/A	75lbs@1.500"	260lbs@.950"	336	.000"	.550"	.890"	N/A	N/A
PSICT29.02ML	Dual	Ford 4 Valve	1.135"	.850"	N/A	.610"	90lbs@1.500"	270lbs@.950"	327	.000"	.550"	.910"	N/A	N/A
PSICT32.01ML	Dual	Overhead Cam	1.225"	.930"	N/A	.690"	42lbs@1.450"	192lbs@.950"	300	.070"	.500"	.818"	N/A	N/A
PSICT32.02ML	Dual	Overhead Cam	1.235"	.910"	N/A	.670"	97lbs@1.255"	281lbs@.833"	436	.030"	.422"	.800"	N/A	N/A
PSICT33.01ML	Dual	Overhead Cam	1.290"	.966"	N/A	.716"	95lbs@1.145"	305lbs@.715"	488	.000"	.430"	.690"	N/A	N/A

DRAG SPRINGS

1000 SERIES													Recommended Matching Components	
PART #	DESCRIPTION	APPLICATION	OD	ID OUTER	ID MIDDLE	ID INNER	SEAT PRESSURE	OPEN PRESSURE	RATE LB/N	RETAINER STEP	MAX LIFT	COIL BIND	TITANIUM RETAINERS	STEEL LOCATORS
PSIDR1047XL	Triple	Drag	1.660"	1.195"	.870"	.630"	300lbs@2.070"	900lbs@1.270"	750	.100"	.800"	1.130"	565	3370
PSIDR1048XL	Triple	Drag	1.660"	1.195"	.870"	.630"	338lbs@2.100"	1002lbs@1.200"	738	.100"	.900"	1.130"	565	3370

1200 SERIES													Recommended Matching Components	
PART #	DESCRIPTION	APPLICATION	OD	ID OUTER	ID MIDDLE	ID INNER	SEAT PRESSURE	OPEN PRESSURE	RATE LB/N	RETAINER STEP	MAX LIFT	COIL BIND	TITANIUM RETAINERS	STEEL LOCATORS
PSIDR1206	Beehive	Drag	1.250"	.650"	N/A	N/A	150lbs@1.800"	410lbs@1.250"	473	.000"	.550"	1.190"	-	-
PSIDR1224	Dual	Drag	1.625"	1.175"	N/A	.855"	275lbs@2.000"	750lbs@1.200"	594	.100"	.800"	1.130"	524-LTW	3344
PSIDR425R	Dual	Drag	1.625"	1.175"	N/A	.855"	305lbs@2.050"	865lbs@1.150"	622	.100"	.900"	1.100"	524	3344
PSIDR426R	Dual	Drag	1.500"	1.075"	N/A	.765"	300lbs@2.050"	840lbs@1.150"	600	.100"	.900"	1.100"	555	3374
PSIDR427RML	Dual	Drag	1.300"	.898"	N/A	.628"	230lbs@1.850"	715lbs@1.100"	647	.100"	.750"	1.050"	-	-
PSIDR1246	Triple	Drag	1.645"	1.195"	.870"	.630"	300lbs@2.000"	890lbs@1.200"	738	.100"	.800"	1.100"	565	3370
PSIDR1247	Triple	Drag	1.660"	1.195"	.870"	.630"	340lbs@2.070"	940lbs@1.270"	750	.100"	.800"	1.130"	565	3370
PSIDR1248	Triple	Drag	1.660"	1.195"	.870"	.630"	375lbs@2.100"	1045lbs@1.200"	744	.100"	.900"	1.130"	565	3370
PSIDR1249	Triple	Drag	1.660"	1.195"	.870"	.630"	385lbs@2.200"	1110lbs@1.200"	725	.100"	1.000"	1.130"	565	3370
PSIDR1250	Triple	Drag	1.660"	1.195"	.870"	.630"	395lbs@2.250"	1178lbs@1.200"	746	.100"	1.050"	1.130"	565	3370
PSIDR1251	Triple	Drag	1.660"	1.195"	.870"	.630"	395lbs@2.300"	1176lbs@1.250"	744	.100"	1.050"	1.130"	565	3370
PSIDR1252RML	Triple	Drag	1.660"	1.195"	.870"	.630"	425lbs@2.250"	1300lbs@1.200"	833	.100"	1.050"	1.080"	565	3370
PSIDR1253RML	Triple	Drag	1.630"	1.180"	.870"	.630"	440lbs@2.200"	1200lbs@1.150"	724	.100"	1.050"	1.080"	553	3370
PSIDR1254RML	Dual	Drag	1.520"	1.070"	N/A	.745"	350lbs@2.100"	1040lbs@1.200"	767	.100"	.900"	1.140"	555	3309
PSIDR1255RML	Dual	Drag	1.520"	1.070"	N/A	.745"	445lbs@2.200"	1170lbs@1.200"	725	.100"	1.000"	1.140"	555	3309
PSIDR1256RML	Dual	Drag	1.540"	1.070"	N/A	.745"	380lbs@2.200"	1240lbs@1.200"	860	.100"	1.000"	1.140"	555	3309
PSIDR1257RML	Dual	Drag	1.570"	1.070"	N/A	.745"	410lbs@2.150"	1260lbs@1.300"	1000	.100"	.850"	1.200"	557	3309
PSIDR1258RML	Dual	Drag	1.530"	1.065"	N/A	.726"	430lbs@2.200"	1375lbs@1.200"	945	.100"	1.000"	1.140"	N/A	N/A
PSIDR1260RML	Triple	Drag	1.675"	1.195"	.870"	.630"	465lbs@2.300"	1295lbs@1.250"	790	.100"	1.050"	1.140"	565	3370
PSIDR1261RML	Triple	Drag	1.675"	1.195"	.870"	.630"	510lbs@2.300"	1315lbs@1.250"	767	.100"	1.050"	1.140"	565	3370
PSIDR1262RML	Triple	Drag	1.710"	1.210"	.870"	.630"	515lbs@2.300"	1460lbs@1.250"	900	.100"	1.050"	1.140"	562	3365
PSIDR1263RML	Triple	Drag	1.675"	1.195"	.870"	.630"	425lbs@2.400"	1355lbs@1.250"	809	.100"	1.150"	1.100"	565	3370
PSIDR1264RML	Triple	Drag	1.710"	1.210"	.870"	.630"	380lbs@2.550"	1530lbs@1.250"	885	.100"	1.300"	1.140"	562	3365
PSIDR1265RML	Triple	Drag	1.710"	1.210"	.870"	.630"	550lbs@2.300"	1495lbs@1.250"	900	.100"	1.050"	1.140"	562	3365
PSIDR1266RML	Triple	Drag	1.710"	1.210"	.870"	.630"	525lbs@2.300"	1550lbs@1.250"	976	.100"	1.050"	1.140"	562	3365
PSIDR1267RML	Triple	Drag	1.740"	1.240"	.880"	.630"	400lbs@2.550"	1600lbs@1.250"	923	.100"	1.300"	1.180"	562	3365
PSIDR1268RML	Triple	Drag	1.710"	1.210"	.870"	.630"	500lbs@2.400"	1612lbs@1.250"	967	.100"	1.150"	1.140"	562	3365
PSIDR1280RML	Dual	Drag	1.520"	1.070"	N/A	.730"	445lbs@2.200"	1230lbs@1.200"	785	.100"	1.000"	1.140"	568	3300
PSIDR1281RML	Dual	Drag	1.540"	1.070"	N/A	.730"	390lbs@2.200"	1310lbs@1.200"	920	.100"	1.000"	1.140"	568	3300
PSIDR1282RML	Dual	Drag	1.555"	1.075"	N/A	.735"	540lbs@2.350"	1464lbs@1.300"	880	.100"	1.050"	1.230"	568	3300
PSIDR1283RML	Dual	Drag	1.585"	1.075"	N/A	.735"	550lbs@2.350"	1590lbs@1.300"	990	.100"	1.050"	1.230"	568	3300
PSIDR1284RML*	Dual	Drag	1.500"	1.020"	N/A	.700"	450lbs@2.375"	1435lbs@1.325"	938	.075"	1.050"	1.225"	584-LTW	3302

*NEW

DRAG SPRINGS (CONTINUED)

TITANIUM														Recommended Matching Components	
PART #	DESCRIPTION	APPLICATION	OD	ID OUTER	ID MIDDLE	ID INNER	SEAT PRESSURE	OPEN PRESSURE	RATE LB/IN	RETAINER STEP	MAX LIFT	COIL BIND	TITANIUM RETAINERS	STEEL LOCATORS	
PSIDR1655	Dual	Drag	1.750"	1.185"	N/A	.685"	340lbs@2.250"	1100lbs@1.300"	800	.100"	.950"	1.180"	655	N/A	

DRAG SPRINGS - OVERHEAD CAM APPLICATIONS

I200 SERIES														Recommended Matching Components	
PART #	DESCRIPTION	APPLICATION	OD	ID OUTER	ID MIDDLE	ID INNER	SEAT PRESSURE	OPEN PRESSURE	RATE LB/IN	RETAINER STEP	MAX LIFT	COIL BIND	TITANIUM RETAINERS	STEEL LOCATORS	
PSIDR1221RML	Dual	Pro Stock Motorcycle	1.215"	.890"	N/A	.650"	150lbs@1.400"	450lbs@.750"	462	.075"	.650"	.710"	N/A	N/A	
PSIDR1222RML	Dual	Pro Stock Motorcycle	1.215"	.890"	N/A	.650"	150lbs@1.450"	473lbs@.750"	461	.075"	.700"	.710"	N/A	N/A	
PSIDR1223RML	Dual	Pro Stock Motorcycle	1.215"	.890"	N/A	.650"	165lbs@1.450"	488lbs@.750"	461	.075"	.700"	.710"	N/A	N/A	
PSIDR1223RML+30	Dual	Pro Stock Motorcycle	1.215"	.890"	N/A	.650"	195lbs@1.450"	518lbs@.750"	461	.075"	.700"	.710"	N/A	N/A	

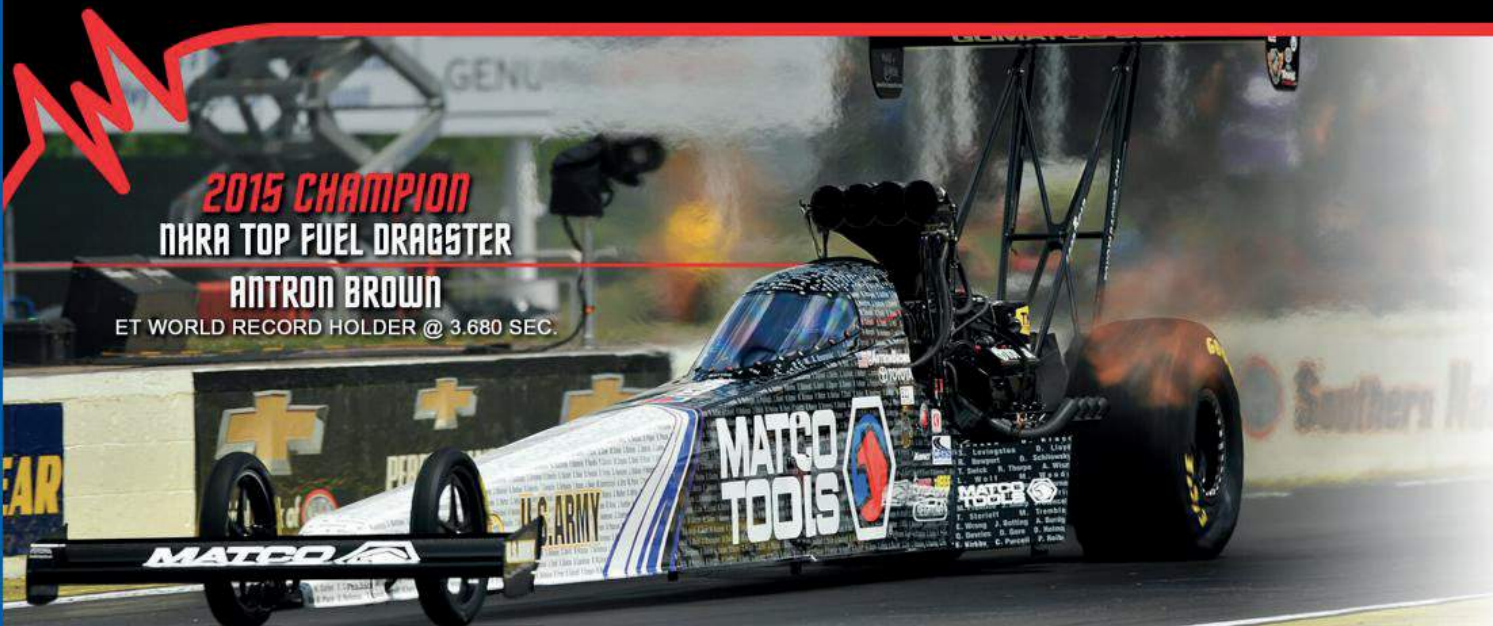
DRAG SPRINGS COMPONENTS

SPRING PART #	X2 10 RETAINERS	XCELOYNE 10 RETAINERS	XCELOYNE MINI 10 RETAINERS	XCELOYNE 8 RETAINERS	X2 SPRING LOCATOR	X2 SPRING CUP
PSIDR1224	X2R-10524	N/A	N/A	XRE524-LTW	X2SS-3344	N/A
PSIDR425	X2R-10524	N/A	N/A	XRE524-LTW	X2SS-3344	N/A
PSIDR426	N/A	XRE555-LTW-10	N/A	XRE555-LTW	X2SS-3374	N/A
PSIDR1047	X2R-10565/565-LTW	XRE565-10-LTW	XRE565-LTW-10	XRE565-LTW/565-TL	X2SS-3365	X2SS-3370
PSIDR1048	X2R-10565/565-LTW	XRE565-10-LTW	XRE565-LTW-10	XRE565-LTW/565-TL	X2SS-3365	X2SS-3370
PSIDR1246	X2R-10565/565-LTW	XRE565-10-LTW	XRE565-LTW-10	XRE565-LTW/565-TL	X2SS-3365	X2SS-3370
PSIDR1247	X2R-10565/565-LTW	XRE565-10-LTW	XRE565-LTW-10	XRE565-LTW/565-TL	X2SS-3365	X2SS-3370
PSIDR1248	X2R-10565/565-LTW	XRE565-10-LTW	XRE565-LTW-10	XRE565-LTW/565-TL	X2SS-3365	X2SS-3370
PSIDR1249	X2R-10565/565-LTW	XRE565-10-LTW	XRE565-LTW-10	XRE565-LTW/565-TL	X2SS-3365	X2SS-3370
PSIDR1250	X2R-10565/565-LTW	XRE565-10-LTW	XRE565-LTW-10	XRE565-LTW/565-TL	X2SS-3365	X2SS-3370
PSIDR1251	X2R-10565/565-LTW	XRE565-10-LTW	XRE565-LTW-10	XRE565-LTW/565-TL	X2SS-3365	X2SS-3370
PSIDR1252	X2R-10565/565-LTW	XRE565-10-LTW	XRE565-LTW-10	XRE565-LTW/565-TL	X2SS-3365	X2SS-3370
PSIDR1253RML	N/A	XRE553-10-LTW	N/A	XRE553-LTW	X2SS-3365	X2SS-3370
PSIDR1254RML	N/A	XRE555-LTW-10	XRE557	XRE555-LTW	X2SS-3309/3310	N/A
PSIDR1255RML	N/A	XRE555-LTW-10	XRE557	XRE555-LTW	X2SS-3309/3310	N/A
PSIDR1256RML	N/A	XRE555-LTW-10	XRE557	XRE555-LTW	X2SS-3309/3310	N/A
PSIDR1257RML	N/A	XRE555-LTW-10	XRE557	XRE555-LTW	X2SS-3309/3310	N/A
PSIDR1260	X2R-10565/565-LTW	XRE565-10-LTW	XRE565-LTW-10	XRE565-LTW/565-TL	X2SS-3365	X2SS-3370
PSIDR1261	X2R-10565/565-LTW	XRE565-10-LTW	XRE565-LTW-10	XRE565-LTW/565-TL	X2SS-3365	X2SS-3370
PSIDR1262	N/A	N/A	N/A	XRE562-LTW/562-TL	X2SS-3365	X2SS-3362
PSIDR1263RML	X2R-10565/565-LTW	XRE565-10-LTW	XRE565-LTW-10	XRE565-LTW/565-TL	X2SS-3365	X2SS-3370
PSIDR1264RML	N/A	N/A	N/A	XRE562-LTW/562-TL	X2SS-3365	X2SS-3362
PSIDR1265RML	N/A	N/A	N/A	XRE562-LTW/562-TL	X2SS-3365	X2SS-3362
PSIDR1266RML	N/A	N/A	N/A	XRE562-LTW/562-TL	X2SS-3365	X2SS-3362
PSIDR1267RML	N/A	N/A	N/A	XRE562-LTW/562-TL	X2SS-3365	X2SS-3362
PSIDR1268RML	N/A	N/A	N/A	XRE562-LTW/562-TL	X2SS-3365	X2SS-3370
PSIDR1280RML	N/A	XRE568-10	XRE568-MINI10	N/A	X2SS-3300	N/A
PSIDR1281RML	N/A	XRE568-10	XRE568-MINI10	N/A	X2SS-3300	N/A
PSIDR1282RML	N/A	XRE568-10	XRE568-MINI10	N/A	N/A	N/A
PSIDR1283RML	N/A	XRE568-10	XRE568-MINI10	N/A	N/A	N/A
PSIDR1284RML	N/A	N/A	N/A	XRE584-LTW	X2SS-3302	N/A



CHAMPIONSHIP PROVEN RECORD BREAKING PERFORMANCE

"We have one shot to win that is why we use only the best parts to get the best performance."
TODD OKUHARA - DON SCHUMACHER RACING



2015 CHAMPION
NHRA TOP FUEL DRAGSTER

ANTRON BROWN
ET WORLD RECORD HOLDER @ 3.680 SEC.



X2 Valves and Valvetrain are derived from Xcel dyne, the leader in world class valvetrain components. Built with the quality and engineering you've come to expect from Xcel dyne's successful racing heritage at **SUPERIOR PERFORMANCE, EXCEPTIONAL VALUE!**



STAINLESS STEEL VALVES • RETAINERS • STEEL LOCKS • SPRING LOCATORS • VALVE SPRING SHIMS
DUCTILE IRON SEATS • COPPER ALLOY SEATS • VALVE SEALS • VALVE GUIDES • PUSHRODS • LIFTERS

2015 RUNNER-UP
NHRA FUNNY CAR

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RACE READY TECHNOLOGY FOR STEEL VALVES



Square or radius groove for many applications, lock groove and OAL held to exact tolerances

EXTRAORDINARY FEATURES

- FINEST MATERIALS
- TIGHTEST TOLERANCES
- BEST FINISHES

Custom lengths, designs & sizes coming soon, contact an X2 salesperson today

Stem diameter held to microns featuring chrome overlay & superior RA finish for optimum wear characteristics

Profiled & finished with a fine swirl pattern to enhance air flow

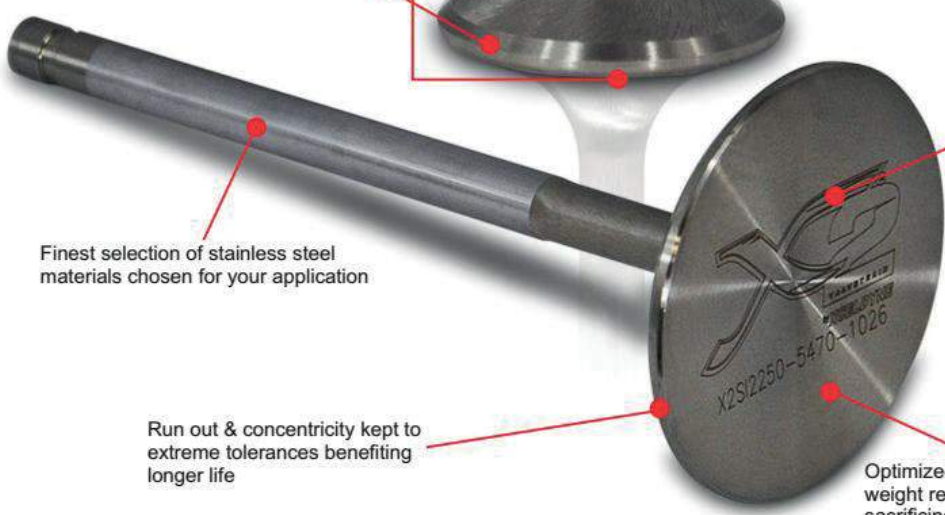
Superior seat finishes for maximum seat contact & seal

Laser marked for easy identification

Finest selection of stainless steel materials chosen for your application

Run out & concentricity kept to extreme tolerances benefiting longer life

Optimized dish designs allow weight reduction without sacrificing rigidity & strength



STAINLESS STEEL VALVES

FINEST MATERIALS, TIGHTEST TOLERANCES & BEST FINISHES

Additional features include optimized dish design for weight savings without sacrificing strength, a laser- engraved valve face for easy identification, and a swirl-polished profile giving you true "Race Ready Technology". Applications are being added regularly, contact your CV sales representative for details.



INCONEL: Nickel-based superalloys, commercially known as "Inconel". This material is extremely resistant to corrosion and high temperatures primarily in exhaust valves under very demanding thermal conditions. Excellent choice for (Forced Induction and Exotic Power Additives).

X33: Austenitic stainless steel with an alloy percentage of 35%. Excellent resistance to heat and corrosion produced by exhaust gases. Contains higher percentage of Nickel than typical EV8 materials. It is ideal in exhaust valves for racing applications.

X53: Stainless steel with alloying elements such as Cr,Mn,Ni,N. Excellent choice for Inlet valves. Contains 4% Nickel and superior choice to Sil 1 and 21-2n materials available. 1,200 MPa Tensile Strength.

SMALL BLOCK CHEVROLET INTAKE - SQUARE GROOVE LOCK

PART NUMBER	HEAD DIA.	LENGTH	STEM DIA.	STEM DESIGN	TP LENGTH	MARGIN
X2SI1940-4910-1057	1.940"	4.910"	.3415"	Solid	.250"	.060"
X2SI2020-4910-1058	2.020"	4.910"	.3415"	Solid	.250"	.060"
X2SI2020-4960-1017	2.020"	4.960"	.3415"	Solid	.250"	.075"
X2SI1940-4960-1033	1.940"	4.960"	.3415"	Solid	.250"	.071"
X2SI2020-5010-1029	2.020"	5.010"	.3415"	Solid	.250"	.060"
X2SI2020-5060-1019	2.020"	5.060"	.3415"	Solid	.250"	.060"
X2SI2055-4960-1064	2.055"	4.960"	.3415"	Solid	.250"	.060"
X2SI2055-5010-1063	2.055"	5.010"	.3415"	Solid	.250"	.060"
X2SI2055-5060-1020	2.055"	5.060"	.3415"	Solid	.250"	.060"
X2SI2055-5160-1045	2.055"	5.160"	.3415"	Solid	.250"	.060"
X2SI2080-4960-1061	2.080"	4.960"	.3415"	Solid	.250"	.060"
X2SI2080-5010-1034	2.080"	5.060"	.3415"	Solid	.250"	.060"
X2SI2080-5160-1062	2.080"	5.160"	.3415"	Solid	.250"	.060"
X2SI2100-5060-1068	2.100"	5.060"	.3415"	Solid	.250"	.060"
X2SI2100-5160-1038	2.100"	5.160"	.3415"	Solid	.250"	.060"
X2SI2100-5300-1050	2.100"	5.300"	.3415"	Solid	.250"	.075"

SMALL BLOCK CHEVROLET INTAKE - RADIUS GROOVE LOCK

PART NUMBER	HEAD DIA.	LENGTH	STEM DIA.	STEM DESIGN	TP LENGTH	MARGIN
X2SI2020-4960-1018	2.020"	4.960"	.3415"	Solid	*.300"	.060"
X2SI2020-5060-1036	2.020"	5.060"	.3415"	Solid	*.300"	.060"
X2SI2055-5060-1037	2.055"	5.060"	.3415"	Solid	*.300"	.060"
X2SI2080-5060-1024	2.080"	5.060"	.3415"	Solid	*.300"	.060"

SMALL BLOCK CHEVROLET EXHAUST - SQUARE GROOVE LOCK

PART NUMBER	HEAD DIA.	LENGTH	STEM DIA.	STEM DESIGN	TP LENGTH	MARGIN
X2SE1500-4910-1060	1.500"	4.910"	.3415"	Solid	.250"	.075"
X2SE1500-4960-1032	1.500"	4.960"	.3415"	Solid	.250"	.075"
X2SE1600-4960-1002	1.600"	4.960"	.3415"	Solid	.250"	.075"
X2SE1600-4910-1056	1.600"	4.910"	.3415"	Solid	.250"	.075"
X2SE1600-4960-1003	1.600"	4.960"	.3415"	Solid	*.300"	.075"
X2SE1600-5010-1004	1.600"	5.010"	.3415"	Solid	.250"	.075"
X2SE1600-5010-1013	1.600"	5.010"	.3415"	Solid	.250"	.075"
X2SE1600-5060-1005	1.600"	5.060"	.3415"	Solid	.250"	.075"
X2SE1600-5060-1006	1.600"	5.060"	.3415"	Solid	.250"	.075"
X2SE1600-5060-1008	1.600"	5.060"	.3415"	Solid	.250"	.075"
X2SE1600-5060-1035	1.600"	5.060"	.3415"	Solid	*.300"	.075"
X2SE1600-5160-1009	1.600"	5.160"	.3415"	Solid	.250"	.075"
X2SE1600-5160-1011	1.600"	5.160"	.3415"	Solid	.250"	.075"
X2SE1600-5300-1049	1.600"	5.300"	.3415"	Solid	.250"	.090"
X2SE1625-4960-1012	1.625"	4.960"	.3415"	Solid	.250"	.075"
X2SE1625-5010-1069	1.625"	5.010"	.3415"	Solid	.250"	.075"
X2SE1625-5060-1028	1.625"	5.060"	.3415"	Solid	.250"	.073"
X2SE1625-5160-1070	1.625"	5.160"	.3415"	Solid	.250"	.075"
X2SE1625-5560-1071	1.625"	5.560"	.3415"	Solid	.250"	.075"

SMALL BLOCK CHEVROLET EXHAUST - RADIUS GROOVE LOCK

PART NUMBER	HEAD DIA.	LENGTH	STEM DIA.	STEM DESIGN	TP LENGTH	MARGIN
X2SE1600-4960-1003	1.600"	4.960"	.3415"	Solid	*.300"	.075"
X2SE1600-5060-1035	1.600"	5.060"	.3415"	Solid	*.300"	.075"

* NOTE: On radius groove valves, tip length is measured from tip of valve to center of keeper groove.
Add -1 for singles or -8 for sets



SEAT WIDTH/ANGLE	PROFILE ANGLE	BACKCUT	PROFILE RADIUS	DISH	UNDERCUT DIA.	MATERIAL	WEIGHT
.060"@45°	12°	30°	3/8"	STD	.320"	X53	105g
.060"@45°	12°	30°	3/8"	STD	.320"	X53	109g
.090"@45°	12°	-	3/8"	STD	.325"	X53	117g
.065"@45°	10°	-	3/8"	STD	.325"	X53	109g
.065"@45°	12°	-	3/8"	STD	.325"	X53	115g
.080"@45°	12°	-	3/8"	STD	.320"	X53	124g
.060"@45°	12°	30°	3/8"	STD	.320"	X53	112g
.060"@45°	12°	30°	3/8"	STD	.320"	X53	112g
.080"@45°	12°	-	3/8"	STD	.320"	X53	121g
.060"@45°	12°	30°	3/8"	STD	.320"	X53	114g
.060"@45°	12°	30°	3/8"	STD	.309"	X53	114g
.070"@45°	12°	-	.354"	STD	.320"	X53	124g
.060"@45°	12°	30°	3/8"	STD	.320"	X53	116g
.060"@45°	12°	30°	3/8"	STD	.320"	X53	117g
.070"@45°	12°	-	3/8"	STD	.310"	X53	121g
.060"@45°	12°	35°	3/8"	STD	.320"	X53	132g

SEAT WIDTH/ANGLE	PROFILE ANGLE	BACKCUT	PROFILE RADIUS	DISH	UNDERCUT DIA.	MATERIAL	WEIGHT
.060"@45°	12°	30°	3/8"	STD	.310"	X53	109g
.070"@45°	12°	30°	3/8"	STD	.310"	X53	114g
.060"@45°	12°	30°	3/8"	STD	.310"	X53	114g
.080"@45°	13°	-	3/8"	STD	.309"	X53	126g

SEAT WIDTH/ANGLE	PROFILE ANGLE	BACKCUT	PROFILE RADIUS	DISH	UNDERCUT DIA.	MATERIAL	WEIGHT
.075"@45°	14°	-	7/16"	STD	.320"	X33	91g
.075"@45°	14°	-	7/16"	STD	.305"	X33	95g
.090"@45°	14°	-	7/16"	STD	.325"	X33	99g
.075"@45°	14°	-	7/16"	STD	.320"	X33	97g
.090"@45°	14°	-	7/16"	STD	.325"	X33	100g
.090"@45°	14°	-	7/16"	STD	.325"	X33	100g
.090"@45°	14°	-	7/16"	STD	.325"	X33	100g
.080"@45°	20°	-	7/16"	STD	.325"	X33	104g
.080"@45°	24°	-	1/2"	STD	.336"	X33	104g
.090"@45°	14°	-	7/16"	STD	.325"	X33	102g
.080"@45°	24°	-	1/2"	STD	.336"	X33	104g
.070"@45°	24°	-	7/16"	STD	.332"	X33	110g
.090"@45°	14°	-	7/16"	STD	.325"	X33	101g
.075"@45°	14°	-	7/16"	STD	.320"	X33	100g
.075"@45°	14°	-	7/16"	STD	.325"	X33	105g
.075"@45°	14°	-	7/16"	STD	.320"	X33	101g
.075"@45°	14°	-	7/16"	STD	.320"	X33	106g

SEAT WIDTH/ANGLE	PROFILE ANGLE	BACKCUT	PROFILE RADIUS	DISH	UNDERCUT DIA.	MATERIAL	WEIGHT
.080"@45°	24°	-	1/2"	STD	.325"	X33	100g
.090"@45°	14°	-	7/16"	STD	Overcut	X33	100g

CONTINUOUSLY ADDING NEW SHELF PART NUMBERS

LS-BASED CHEVROLET INTAKE - RADIUS GROOVE LOCK

PART NUMBER	HEAD DIA.	LENGTH	STEM DIA.	STEM DESIGN	TIP LENGTH	MARGIN
X2SI2020-4910-1053	2.020"	4.910"	.3135"	Solid	*.207"	.050"
X2SI2040-4910-1054	2.040"	4.910"	.3155"	Solid	*.207"	.050"

LS-BASED CHEVROLET EXHAUST - RADIUS GROOVE LOCK

PART NUMBER	HEAD DIA.	LENGTH	STEM DIA.	STEM DESIGN	TIP LENGTH	MARGIN
X2SE1580-4925-1051	1.580"	4.925"	.3135"	Solid	*.207"	.065"
X2SE1600-4925-1052	1.600"	4.925"	.3135"	Solid	*.207"	.065"

BIG BLOCK CHEVROLET INTAKE - SQUARE GROOVE LOCK

PART NUMBER	HEAD DIA.	LENGTH	STEM DIA.	STEM DESIGN	TIP LENGTH	MARGIN
X2SI2190-5275-1066	2.190"	5.275"	.3415"	Solid	.250"	.060"
X2SI2190-5344-1025	2.190"	5.344"	.3415"	Solid	.250"	.060"
X2SI2250-5275-1067	2.250"	5.275"	.3415"	Solid	.250"	.060"
X2SI2250-5350-1059	2.250"	5.350"	.3415"	Solid	.250"	.060"
X2SI2250-5470-1026	2.250"	5.470"	.3415"	Solid	.250"	.060"
X2SI2300-5370-1065	2.300"	5.370"	.3415"	Solid	.250"	.060"
X2SI2300-5525-1027	2.300"	5.525"	.3415"	Solid	.250"	.060"
X2SI2300-5470-1031	2.300"	5.470"	.3415"	Solid	.250"	.060"

BIG BLOCK CHEVROLET EXHAUST - SQUARE GROOVE LOCK

PART NUMBER	HEAD DIA.	LENGTH	STEM DIA.	STEM DESIGN	TIP LENGTH	MARGIN
X2SE1880-5425-1014	1.880"	5.425"	.3415"	Solid	.250"	.075"
X2SE1880-5500-1015	1.880"	5.500"	.3415"	Solid	.250"	.075"
X2SE1900-5450-1030	1.900"	5.450"	.3415"	Solid	.250"	.075"

SMALL BLOCK FORD INTAKE (347 CRATE MOTOR SPEC) - RADIUS GROOVE LOCK

PART NUMBER	HEAD DIA.	LENGTH	STEM DIA.	STEM DESIGN	TIP LENGTH	MARGIN
X2SI2020-5340-3477	2.020"	5.340"	.2752"	Solid	*.288"	.059"

SMALL BLOCK FORD EXHAUST (347 CRATE MOTOR SPEC) - RADIUS GROOVE LOCK

PART NUMBER	HEAD DIA.	LENGTH	STEM DIA.	STEM DESIGN	TIP LENGTH	MARGIN
X2SE1600-5365-3477	1.600"	5.365"	.2752"	Solid	*.295"	.070"

* NOTE: On radius groove valves, tip length is measured from tip of valve to center of keeper groove.

Add -1 for singles or -8 for sets

CUSTOM MACHINING FROM STEEL VALVE BLANKS

SEAT WIDTH/ANGLE	PROFILE ANGLE	BACKCUT	PROFILE RADIUS	DISH	UNDERCUT DIA.	MATERIAL	WEIGHT
.060"@45°	10°	30°	3/8"	STD	.300"	X53	98g
.060"@45°	10°	30°	3/8"	STD	.300"	X53	100g

SEAT WIDTH/ANGLE	PROFILE ANGLE	BACKCUT	PROFILE RADIUS	DISH	UNDERCUT DIA.	MATERIAL	WEIGHT
.080"@45°	22°	-	7/16"	STD	.306"	X33	89g
.080"@45°	22°	-	7/16"	STD	.306"	X33	90g

SEAT WIDTH/ANGLE	PROFILE ANGLE	BACKCUT	PROFILE RADIUS	DISH	UNDERCUT DIA.	MATERIAL	WEIGHT
.065"@45°	12°	30°	3/8"	STD	.320"	X53	132g
.090"@45°	12°	-	3/8"	STD	.320"	X53	137g
.065"@45°	12°	30°	3/8"	STD	.320"	X53	137g
.065"@45°	12°	30°	3/8"	STD	.320"	X53	138g
.090"@45°	12°	-	3/8"	STD	.320"	X53	151g
.065"@45°	12°	30°	7/16"	STD	.320"	X53	142g
.090"@45°	12°	-	7/16"	STD	.320"	X53	146g
.080"@45°	12°	-	7/16"	STD	.325"	X53	143g

SEAT WIDTH/ANGLE	PROFILE ANGLE	BACKCUT	PROFILE RADIUS	DISH	UNDERCUT DIA.	MATERIAL	WEIGHT
.085"@45°	14°	-	7/16"	STD	.330"	X33	124g
.090"@45°	14°	-	7/16"	STD	.325"	X33	124g
.100"@45°	22°	-	9/16"	STD	Overcut	X33	132g

SEAT WIDTH/ANGLE	PROFILE ANGLE	BACKCUT	PROFILE RADIUS	DISH	UNDERCUT DIA.	MATERIAL	WEIGHT
.075"@45°	10°	-	3/8"	STD	.270"	X53	91g

SEAT WIDTH/ANGLE	PROFILE ANGLE	BACKCUT	PROFILE RADIUS	DISH	UNDERCUT DIA.	MATERIAL	WEIGHT
.100"@45°	15°	-	7/16"	STD	Overcut	X33	86g

CONTINUOUSLY ADDING NEW SHELF PART NUMBERS



X2 RETAINERS

THE SOLUTION FOR YOUR VALVETRAIN

TITANIUM

- Titanium features aerospace grade material
- FEA designed and dyno tested for reduced mass
- Available for multiple lock configurations
- Available for most popular valve spring applications
- Made in USA

STEEL

- Made from proprietary Xalloy 42 offers long wear and reduced mass
- FEA designed and dyno tested for proven reliability
- Available for multiple lock configurations
- Available for most popular valve spring applications
- Made in USA

RETAINERS

8" .550" GAGE TITANIUM RETAINERS (SAME AS SUPER 7)

PART #	MATERIAL	TAPER ANGLE	GAGE DIAMETER	OUTER SPRING DIAMETER	INNER SPRING DIAMETER	MIDDLE SPRING DIAMETER	OUTSIDE DIAMETER	SPRING TYPE	INNER SPRING STEP HEIGHT	MIDDLE SPRING STEP HEIGHT
X2R-8510	Ti 6/4	8°	0.550"	1.120"	0.725"	-	1.500"	Double	0.100"	-
X2R-8512	Ti 6/4	8°	0.550"	0.940"	0.670"	-	1.139"	Double	0.100"	-
X2R-8512-A	Ti 6/4	8°	0.550"	0.940"	0.670"	-	1.139"	Double	0.050"	-
X2R-8515	Ti 6/4	8°	0.550"	1.140"	0.740"	-	1.485"	Double	0.100"	-
X2R-8526	Ti 6/4	8°	0.550"	1.065"	0.775"	-	1.350"	Double	0.070"	-
X2R-8530	Ti 6/4	8°	0.550"	1.150"	0.835"	-	1.450"	Double	0.100"	-
X2R-8565	Ti 6/4	8°	0.550"	1.185"	0.635"	0.870"	1.485"	Triple	0.100"	0.100"

8" .550" GAGE STEEL RETAINERS (SAME AS SUPER 7)

PART #	MATERIAL	TAPER ANGLE	GAGE DIAMETER	OUTER SPRING DIAMETER	INNER SPRING DIAMETER	MIDDLE SPRING DIAMETER	OUTSIDE DIAMETER	SPRING TYPE	INNER SPRING STEP HEIGHT	MIDDLE SPRING STEP HEIGHT
X2R-8515-S	Steel	8°	0.550"	1.145"	0.740"	-	1.415"	Double	0.100"	-
X2R-8526-S	Steel	8°	0.550"	1.060"	0.765"	-	1.291"	Double	0.070"	-
X2R-8530-S	Steel	8°	0.550"	1.150"	0.835"	-	1.450"	Double	0.100"	-
X2R-8540-S	Steel	8°	0.550"	1.085"	0.790"	-	1.340"	Double	0.100"	-
X2R-8541-S	Steel	8°	0.550"	N/A	N/A	-	N/A	N/A	N/A	N/A
X2R-8550-S	Steel	8°	0.550"	N/A	N/A	-	N/A	N/A	N/A	N/A
X2R-8573-S	Steel	8°	0.550"	1.100"	0.706"	-	1.370"	Double	0.100"	-

8" .500" GAGE STEEL RETAINERS (SAME AS SUPER 7)

PART #	MATERIAL	TAPER ANGLE	GAGE DIAMETER	OUTER SPRING DIAMETER	INNER SPRING DIAMETER	MIDDLE SPRING DIAMETER	OUTSIDE DIAMETER	SPRING TYPE	INNER SPRING STEP HEIGHT	MIDDLE SPRING STEP HEIGHT
X2R-8512-S-A	Steel	8°	0.500"	0.935"	0.665"	-	1.139"	Double	0.070"	-
X2R-8515-TL-S	Steel	8°	0.500"	1.145"	0.745"	-	1.415"	Double	0.100"	-
X2R-8579-TL-S	Steel	8°	0.500"	0.996"	0.700"	-	1.235"	Double	0.100"	-

TECH TIP

Many engine builders are familiar with the term Super 7°, but have a popular misconception about its measurement. To avoid confusion, it is important to be aware that Super 7° components actually measure 8° of taper. All Xceldyne mating parts are designed with this in mind.



VALVE LOCKS

8" SQUARE GROOVE (SUPER 7) 5/16"

PART#	DESCRIPTION
X2L-S85S	Valve Lock, 5/16", .8 Deg, Square, Standard
X2L-S85SR	Valve Lock, 5/16", 8 Deg, Square, Standard LC Recess
X2L-S85M5	Valve Lock, 5/16", 8 Deg, Square, Minus .050
X2L-S85P5	Valve Lock, 5/16", 8 Deg, Square, Plus .050
X2L-S85P5R	Valve Lock, 5/16", 8 Deg, Square, Plus .050 LC Recess

8" SQUARE GROOVE (SUPER 7) 11/32"

PART#	DESCRIPTION
X2L-S81S	Valve Lock, 11/32", 8 Deg, Square, Standard
X2L-S81SR	Valve Lock, 11/32", 8 Deg, Square, Standard LC Recess
X2L-S81S-577	Valve Lock, 11/32", 8 Deg, Square, Standard .385 Tall
X2L-S81M5	Valve Lock, 11/32", 8 Deg, Square, Minus .050
X2L-S81P5R	Valve Lock, 11/32", 8 Deg, Square, Plus .050 LC Recess

8" SQUARE GROOVE (SUPER 7) 3/8"

PART#	DESCRIPTION
X2L-S83S	Valve Lock, 3/8", 8 Deg, Square, Standard
X2L-S83SR	Valve Lock, 3/8", 8 Deg, Square, Standard LC Recess
X2L-S83M5	Valve Lock, 3/8", 8 Deg, Square, Minus .050
X2L-S83P5R	Valve Lock, 3/8", 8 Deg, Square, Plus .050 LC Recess

X2 STEEL VALVE LOCKS

OPTIMIZED FOR X2 RETAINERS

- Available in 8" (Super 7), 10" and Top Lock designs
- Precision CNC machine NOT STAMPED from premium steel alloy
- Accuracy insures proper valve/retainer fitment, with proper tang location minimizes installed height variation
- Various stem diameter available
- Made in USA



8" RADIUS GROOVE (SUPER 7) 5/16"

PART#	DESCRIPTION
X2L-R85S	Valve Lock, 5/16", 8 Deg, Radius, Standard
X2L-R85SR	Valve Lock, 5/16", 8 Deg, Radius, Standard LC Recess
X2L-R85M5	Valve Lock, 5/16", 8 Deg, Radius, Minus .050
X2L-R85P5	Valve Lock, 5/16", 8 Deg, Radius, Plus .050
X2L-R85P5R	Valve Lock, 5/16", 8 Deg, Radius, Plus .050 LC Recess

8" RADIUS GROOVE (SUPER 7) 11/32"

PART#	DESCRIPTION
X2L-R81SR	Valve Lock, 11/32", 8 Deg, Radius, Standard LC Recess
X2L-R81M5	Valve Lock, 11/32", 8 Deg, Radius, Minus .050
X2L-R81P5R	Valve Lock, 11/32", 8 Deg, Radius, Plus .050 LC Recess

FOR ADDITIONAL RETAINER AND LOCK APPLICATIONS SEE PAGES 109-113.

RETAINERS

10° .550" GAGE TITANIUM RETAINERS

PART #	MATERIAL	TAPER ANGLE	GAGE DIAMETER	OUTER SPRING DIAMETER	INNER SPRING DIAMETER	MIDDLE SPRING DIAMETER	OUTSIDE DIAMETER	SPRING TYPE	INNER SPRING STEP HEIGHT	MIDDLE SPRING STEP HEIGHT
X2R-10510	Ti 6/4	10°	0.550"	1.120"	0.725"	-	1.485"	Double	0.100"	-
X2R-10515	Ti 6/4	10°	0.550"	1.140"	0.740"	-	1.485"	Double	0.100"	-
X2R-10517	Ti 6/4	10°	0.550"	1.065"	0.700"	-	1.450"	Double	0.100"	-
X2R-10524	Ti 6/4	10°	0.550"	1.175"	0.855"	-	1.485"	Double	0.100"	-
X2R-10525	Ti 6/4	10°	0.550"	1.130"	0.810"	-	1.485"	Double	0.100"	-
X2R-10526	Ti 6/4	10°	0.550"	1.650"	0.775"	-	1.350"	Double	0.070"	-
X2R-10526-S	Steel	10°	0.550"	1.065"	0.775"	-	1.350"	Double	0.070"	-
X2R-10530	Ti 6/4	10°	0.550"	1.155"	0.835"	-	1.485"	Double	0.100"	-
X2R-10565	Ti 6/4	10°	0.550"	1.185"	0.635"	0.860"	1.485"	Triple	0.100"	0.100"

VALVE LOCKS

10° SQUARE GROOVE 5/16"

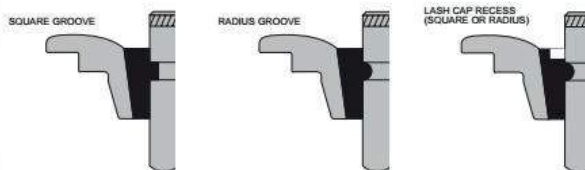
PART #	DESCRIPTION
X2L-S105SR	Valve Lock, 5/16", 10 Deg, Square, Standard LC Recess
X2L-S105M5	Valve Lock, 5/16", 10 Deg, Square, Minus .050
X2L-S105P5R	Valve Lock, 5/16", 10 Deg, Square, Plus .050 LC Recess

10° SQUARE GROOVE 11/32"

PART #	DESCRIPTION
X2L-S101S	Valve Lock, 11/32", 10 Deg, Square, Standard
X2L-S101SR	Valve Lock, 11/32", 10 Deg, Square, Standard LC Recess
X2L-S101M5	Valve Lock, 11/32", 10 Deg, Square, Minus .050
X2L-S101M10	Valve Lock, 11/32", 10 Deg, Square, Minus .100
X2L-S101P5R	Valve Lock, 11/32", 10 Deg, Square, Plus .050 LC Recess

10° SQUARE GROOVE 3/8"

PART #	DESCRIPTION
X2L-S103S	Valve Lock, 3/8", 10 Deg, Square, Standard
X2L-S103SR	Valve Lock, 3/8", 10 Deg, Square, Standard LC Recess
X2L-S103M5	Valve Lock, 3/8", 10 Deg, Square, Minus .050
X2L-S103M10	Valve Lock, 3/8", 10 Deg, Square, Minus .100
X2L-S103P5R	Valve Lock, 3/8", 10 Deg, Square, Plus .050 LC Recess



10° RADIUS GROOVE 5/16"

PART #	DESCRIPTION
X2L-R105SR	Valve Lock, 5/16", 10 Deg, Radius, Standard LC Recess
X2L-R105M5	Valve Lock, 5/16", 10 Deg, Radius, Minus .050
X2L-R105P5R	Valve Lock, 5/16", 10 Deg, Radius, Plus .050 LC Recess

10° RADIUS GROOVE 11/32"

PART #	DESCRIPTION
X2L-R101SR	Valve Lock, 11/32", 10 Deg, Radius, Standard LC Recess
X2L-R101M5	Valve Lock, 11/32", 10 Deg, Radius, Minus .050
X2L-R101M5R	Valve Lock, 11/32", 10 Deg, Radius, Minus .050 LC Recess
X2L-R101P5R	Valve Lock, 11/32", 10 Deg, Radius, Plus .050 LC Recess

LSI/LSG TITANIUM RETAINERS

7° TITANIUM LSI/LSG RETAINERS (OEM LOCK SIZE)

PART #	MATERIAL	TAPER ANGLE	GAGE DIAMETER	OUTER SPRING DIAMETER	INNER SPRING DIAMETER	MIDDLE SPRING DIAMETER	OUTSIDE DIAMETER	SPRING TYPE	INNER SPRING STEP HEIGHT	MIDDLE SPRING STEP HEIGHT
X2R-7511	Ti 6/4	7°	0.450"	-	0.635"	-	0.900"	Single	-	-
X2R-7512	Ti 6/4	7°	0.450"	0.940"	0.665"	-	1.150"	Double	0.100"	-



X2R-7511



X2R-7512

FOR ADDITIONAL RETAINER AND LOCK APPLICATIONS SEE PAGES 109-113.

LASH CAPS

PART #	DESCRIPTION
X2LC-3113-110	5/16" Lash Cap .110" Deep, Set of 8
X2LC-3113-110-D	5/16" Lash Cap .110" Drilled, Set of 8 (Drilled Oil Hole)
X2LC-3113-160	5/16" Lash Cap .160" Deep, Set of 8
X2LC-3113-160-D	5/16" Lash Cap .160" Drilled, Set of 8 (Drilled Oil Hole)
X2LC-3417-110	11/32" Lash Cap .110" Deep, Set of 8
X2LC-3417-110-D	11/32" Lash Cap .110" Drilled, Set of 8 (Drilled Oil Hole)
X2LC-3417-160	11/32" Lash Cap .160" Deep, Set of 8
X2LC-3417-160-D	11/32" Lash Cap .160" Drilled, Set of 8 (Drilled Oil Hole)
X2LC-3715-110	3/8" Lash Cap .110" Deep, Set of 8
X2LC-3715-110-D	3/8" Lash Cap .110" Drilled, Set of 8 (Drilled Oil Hole)
X2LC-3715-160	3/8" Lash Cap .160" Deep, Set of 8
X2LC-3715-160-D	3/8" Lash Cap .160" Drilled, Set of 8 (Drilled Oil Hole)



SPRING LOCATORS PREVENTS CYLINDER HEAD WEAR

- Precision crafted from case hardened 8620 steel
- Unmatched flatness, OD & ID accuracy
- Protects cylinder head
- Can also be used as a spring shim



Inner Spring Locator



Outer Spring Cup

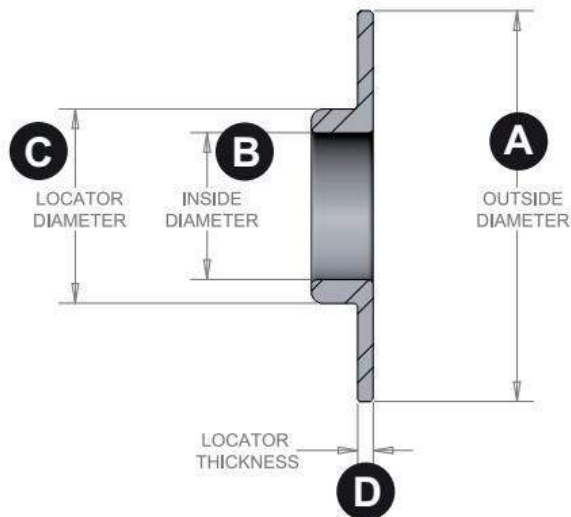
INNER SPRING LOCATORS

		A	B	C	D	
PART #	MATERIAL	OUTSIDE DIAMETER	INSIDE DIAMETER	LOCATOR DIAMETER	LOCATOR THICKNESS	FINISH
X2SS-3313	Case Hardened Steel	1.290"	.520"	.628"	.060"	Black Oxide
X2SS-3312	Case Hardened Steel	1.290"	.520"	.665"	.060"	Black Oxide
X2SS-3312-564	Case Hardened Steel	1.290"	.564"	.665"	.060"	Black Oxide
X2SS-3378	Case Hardened Steel	1.425"	.564"	.682"	.060"	Black Oxide
X2SS-3302	Case Hardened Steel	1.500"	.564"	.705"	.060"	Black Oxide
X2SS-3300	Case Hardened Steel	1.500"	.564"	.716"	.060"	Black Oxide
X2SS-3309	Case Hardened Steel	1.500"	.564"	.746"	.060"	Black Oxide
X2SS-3374	Case Hardened Steel	1.500"	.564"	.765"	.060"	Black Oxide
X2SS-3325	Case Hardened Steel	1.500"	.564"	.775"	.060"	Black Oxide
X2SS-3340	Case Hardened Steel	1.500"	.564"	.795"	.060"	Black Oxide
X2SS-3385	Case Hardened Steel	1.500"	.564"	.835"	.060"	Black Oxide
X2SS-3320	Case Hardened Steel	1.610"	.564"	.775"	.060"	Black Oxide
X2SS-3344	Case Hardened Steel	1.610"	.564"	.835"	.060"	Black Oxide
X2SS-3365	Case Hardened Steel	1.650"	.564"	.630"	.060"	Black Oxide
X2SS-3371	Case Hardened Steel	1.575"	.564"	.820"	.060"	Black Oxide
X2SS-3324	Case Hardened Steel	1.575"	.564"	.855"	.060"	Black Oxide

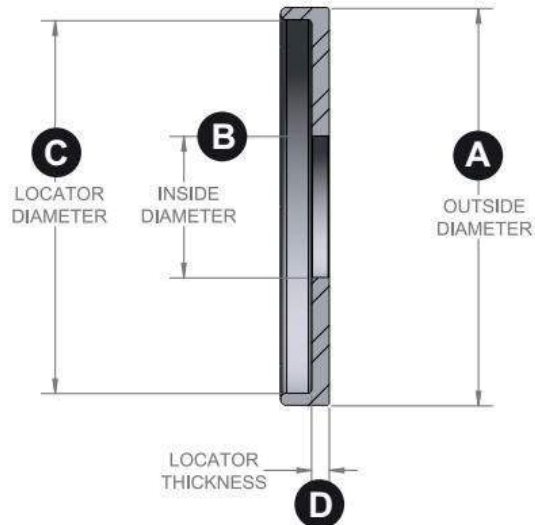
OUTER SPRING CUPS

		A	B	C	D	
PART #	MATERIAL	OUTSIDE DIAMETER	INSIDE DIAMETER	LOCATOR DIAMETER	LOCATOR THICKNESS	FINISH
X2SS-3370-60	Case Hardened Steel	1.740"	.635"	1.680"	.060"	Black Oxide
X2SS-3362-60	Case Hardened Steel	1.785"	.635"	1.725"	.060"	Black Oxide

INNER SPRING LOCATOR



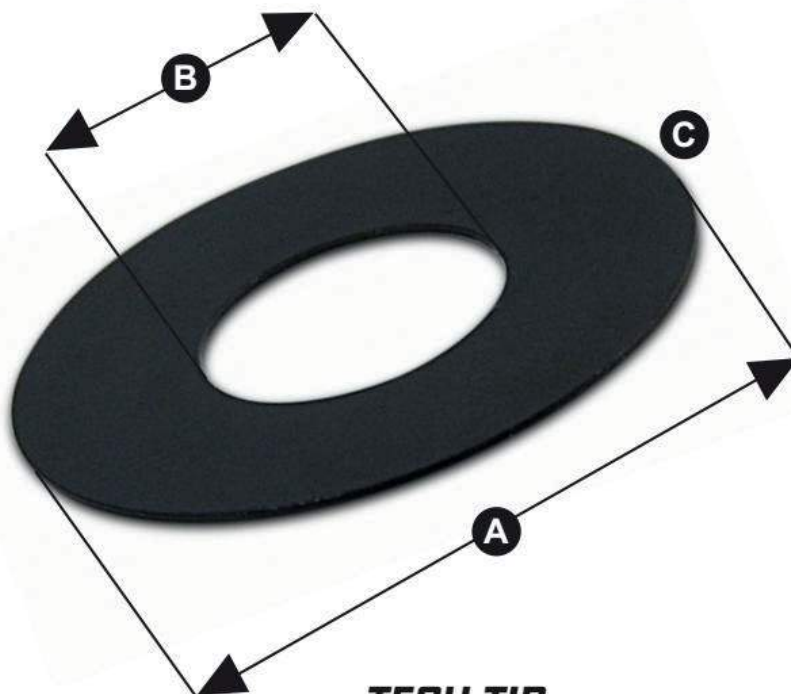
OUTER SPRING CUP



VALVE SPRING SHIMS

PRECISE TOLERANCES

- Valve Spring Shims are stamped utilizing premium steel
- Heat-treated for superior strength and wear properties
- Available in various thicknesses



TECH TIP

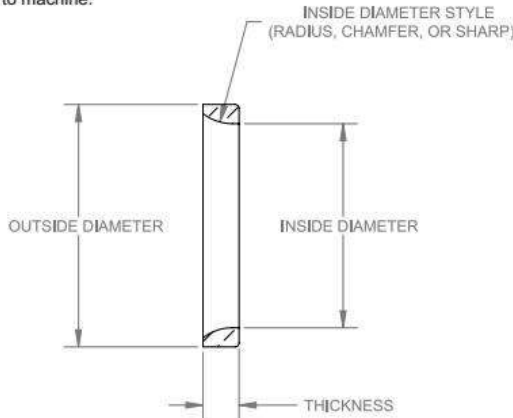
All spring shims should be installed under the spring seat or spring cup.

SPRING SHIMS

	A	B	C
PART #	OD	ID	THICKNESS
X2SH-3020	1.300"	.580"	.020"
X2SH-3415	1.250"	.520"	.015"
X2SH-3420	1.250"	.520"	.020"
X2SH-3425	1.250"	.520"	.025"
X2SH-3430	1.250"	.520"	.030"
X2SH-3450	1.250"	.520"	.050"
X2SH-3460	1.250"	.520"	.060"
X2SH-3515	1.510"	.570"	.015"
X2SH-3520	1.510"	.570"	.020"
X2SH-3525	1.510"	.570"	.025"
X2SH-3530	1.510"	.570"	.030"
X2SH-3550	1.510"	.570"	.050"
X2SH-3560	1.510"	.570"	.060"
X2SH-3620	1.510"	.760"	.020"
X2SH-3630	1.510"	.760"	.030"
X2SH-3650	1.510"	.760"	.050"
X2SH-3660	1.510"	.760"	.060"
X2SH-3715	1.610"	.570"	.015"
X2SH-3720	1.610"	.570"	.020"
X2SH-3730	1.610"	.570"	.030"
X2SH-3750	1.610"	.570"	.050"
X2SH-3760	1.610"	.570"	.060"
X2SH-3915	1.640"	.640"	.015"
X2SH-3920	1.640"	.640"	.020"
X2SH-3930	1.640"	.640"	.030"
X2SH-3950	1.640"	.640"	.050"
X2SH-3960	1.640"	.640"	.060"

DUCTILE IRON SEATS IDEAL FOR STAINLESS VALVES

- Precision manufactured from premium iron alloy material.
- Heat treated - offers Ideal balance between hardness and wear properties.
- Durable seats works well with Stainless or Titanium valves.
- Easy to machine.



Intake and Exhaust
Valve Seats

**AVAILABLE
CROSS-SECTION
OF VALVE SEATS**



Chamfer

MULTI-FIT INTAKE OR EXHAUST

PART #	OD	ID	THICKNESS	STYLE	PART #	OD	ID	THICKNESS	STYLE
X2S-D1650-375	1.650"	1.350"	.375"	Chamfer	X2S-D2240-312	2.240"	1.810"	.312"	Chamfer
X2S-D1650-400	1.650"	1.350"	.400"	Chamfer	X2S-D2240-375	2.240"	1.810"	.375"	Chamfer
X2S-D1660-375	1.660"	1.350"	.375"	Chamfer	X2S-D2250-312	2.250"	1.810"	.312"	Chamfer
X2S-D1660-400	1.660"	1.350"	.400"	Chamfer	X2S-D2250-375	2.250"	1.810"	.375"	Chamfer
X2S-D1670-375	1.670"	1.350"	.375"	Chamfer	X2S-D2250-400	2.250"	1.810"	.400"	Chamfer
X2S-D1680-375	1.680"	1.350"	.375"	Chamfer	X2S-D2250-500	2.250"	1.810"	.500"	Chamfer
X2S-D1680-400	1.680"	1.350"	.400"	Chamfer	X2S-D2255-312	2.255"	1.810"	.312"	Chamfer
X2S-D1690-375	1.690"	1.350"	.375"	Chamfer	X2S-D2260-375	2.260"	1.810"	.375"	Chamfer
X2S-D1690-400	1.690"	1.350"	.400"	Chamfer	X2S-D2260-400	2.260"	1.810"	.400"	Chamfer
X2S-D1700-375	1.700"	1.350"	.375"	Chamfer	X2S-D2270-312	2.270"	1.810"	.312"	Chamfer
X2S-D1710-375	1.710"	1.350"	.375"	Chamfer	X2S-D2270-375	2.270"	1.810"	.375"	Chamfer
X2S-D1710-400	1.710"	1.350"	.400"	Chamfer	X2S-D2270-400	2.270"	1.810"	.400"	Chamfer
X2S-D1720-375	1.720"	1.350"	.375"	Chamfer	X2S-D2280-375	2.280"	1.810"	.375"	Chamfer
X2S-D1720-500	1.720"	1.350"	.500"	Chamfer	X2S-D2280-400	2.280"	1.810"	.400"	Chamfer
X2S-D1760-375	1.760"	1.350"	.375"	Chamfer	X2S-D2280-500	2.280"	1.810"	.500"	Chamfer
X2S-D1800-375	1.800"	1.350"	.375"	Chamfer	X2S-D2290-375	2.290"	1.810"	.375"	Chamfer
X2S-D1850-375	1.850"	1.350"	.375"	Chamfer	X2S-D2290-400	2.290"	1.810"	.400"	Chamfer
X2S-D1850-400	1.850"	1.350"	.400"	Chamfer	X2S-D2300-375	2.300"	2.000"	.375"	Chamfer
X2S-D1850-450	1.850"	1.350"	.450"	Chamfer	X2S-D2300-400	2.300"	2.000"	.400"	Chamfer
X2S-D2000-375	2.000"	1.350"	.375"	Chamfer	X2S-D2320-400	2.320"	2.000"	.400"	Chamfer
X2S-D2000-450	2.000"	1.350"	.450"	Chamfer	X2S-D2350-500	2.350"	2.000"	.500"	Chamfer
X2S-D2010-375	2.010"	1.350"	.375"	Chamfer	X2S-D2350-500-1810	2.350"	1.810"	.500"	Chamfer
X2S-D2020-375	2.020"	1.350"	.375"	Chamfer	X2S-D2360-375	2.360"	2.000"	.375"	Chamfer
X2S-D2030-375	2.030"	1.350"	.375"	Chamfer	X2S-D2370-375	2.370"	2.000"	.375"	Chamfer
X2S-D2040-375	2.040"	1.350"	.375"	Chamfer	X2S-D2380-375	2.380"	2.000"	.375"	Chamfer
X2S-D2040-425	2.040"	1.350"	.425"	Chamfer	X2S-D2385-375	2.385"	2.000"	.375"	Chamfer
X2S-D2050-375	2.050"	1.350"	.375"	Chamfer	X2S-D2390-375	2.390"	2.000"	.375"	Chamfer
X2S-D2050-400	2.050"	1.350"	.400"	Chamfer	X2S-D2400-375	2.400"	2.000"	.375"	Chamfer
X2S-D2070-400	2.070"	1.350"	.400"	Chamfer	X2S-D2450-375	2.450"	2.000"	.375"	Chamfer
X2S-D2100-375	2.100"	1.600"	.375"	Chamfer	X2S-D2460-375	2.460"	2.000"	.375"	Chamfer
X2S-D2100-425	2.100"	1.600"	.425"	Chamfer	X2S-D2470-375	2.470"	2.000"	.375"	Chamfer
X2S-D2100-450	2.100"	1.600"	.450"	Chamfer	X2S-D2470-400	2.470"	2.000"	.400"	Chamfer
X2S-D2120-400	2.120"	1.600"	.400"	Chamfer	X2S-D2480-375	2.480"	2.000"	.375"	Chamfer
X2S-D2130-375	2.130"	1.600"	.375"	Chamfer	X2S-D2480-450	2.480"	2.000"	.450"	Chamfer
X2S-D2130-450	2.130"	1.600"	.450"	Chamfer	X2S-D2490-375	2.490"	2.000"	.375"	Chamfer
X2S-D2140-450	2.140"	1.600"	.450"	Chamfer	X2S-D2500-375	2.500"	2.000"	.375"	Chamfer
X2S-D2170-400	2.170"	1.600"	.400"	Chamfer	X2S-D2540-375	2.540"	2.100"	.375"	Chamfer
X2S-D2170-450	2.170"	1.600"	.450"	Chamfer	X2S-D2550-400	2.550"	2.100"	.400"	Chamfer
X2S-D2170-500	2.170"	1.600"	.500"	Chamfer	X2S-D2560-500	2.560"	2.100"	.500"	Chamfer
X2S-D2200-312	2.200"	1.810"	.312"	Chamfer	X2S-D2570-500	2.570"	2.100"	.500"	Chamfer
X2S-D2200-375	2.200"	1.810"	.375"	Chamfer	X2S-D2590-500	2.590"	2.100"	.500"	Chamfer
X2S-D2200-500	2.200"	1.810"	.500"	Chamfer	X2S-D2600-500	2.600"	2.100"	.500"	Chamfer
X2S-D2210-312	2.210"	1.810"	.312"	Chamfer	X2S-D2630-400	2.630"	2.100"	.400"	Chamfer
X2S-D2210-375	2.210"	1.810"	.375"	Chamfer	X2S-D2670-400	2.670"	2.100"	.400"	Chamfer
X2S-D2220-375	2.220"	1.810"	.375"	Chamfer	X2S-D2700-500	2.700"	2.100"	.500"	Chamfer
X2S-D2230-375	2.230"	1.810"	.375"	Chamfer					

BERYLLIUM COPPER (BECU) ALLOY SEATS IDEAL FOR TITANIUM VALVES

- Dimensional accuracy on OD, Flatness and Roundness help insure ease of installation and proper sealing area.
- These alloys are strongly recommended for Titanium valves and compatible with all types of racing fuels.
- Alloy 25 dissipates heat 4+ times faster than ductile iron seats.
- Additional materials are available.

AVAILABLE
CROSS-SECTION
OF VALVE SEATS



Block



VALVE SEATS - EXHAUST

PART #	OD	ID	THICKNESS	STYLE	MATERIAL
X2S-BC1660-500	1.660"	1.350"	0.500"	Block	A25
X2S-BC1670-500	1.670"	1.350"	0.500"	Block	A25
X2S-BC1680-500	1.680"	1.350"	0.500"	Block	A25
X2S-BC1700-500	1.700"	1.350"	0.500"	Block	A25
X2S-BC1720-500	1.720"	1.350"	0.500"	Block	A25
X2S-BC1750-500	1.750"	1.350"	0.500"	Block	A25
X2S-BC2000-500	2.000"	1.650"	0.500"	Block	A25
X2S-BC2100-500	2.100"	1.650"	0.500"	Block	A25
X2S-BC2200-500	2.200"	1.650"	0.500"	Block	A25

VALVE SEATS - INTAKE

PART #	OD	ID	THICKNESS	STYLE	MATERIAL
X2S-BC2280-500	2.280"	1.810"	0.500"	Block	A25
X2S-BC2300-500	2.300"	1.810"	0.500"	Block	A25
X2S-BC2320-500	2.320"	1.810"	0.500"	Block	A25
X2S-BC2350-500	2.350"	1.810"	0.500"	Block	A25
X2S-BC2410-500	2.410"	1.810"	0.500"	Block	A25
X2S-BC2450-600	2.450"	2.000"	0.600"	Block	A25
X2S-BC2550-600	2.550"	2.000"	0.600"	Block	A25
X2S-BC2650-600	2.650"	2.000"	0.600"	Block	A25
X2S-BC2800-600	2.800"	2.000"	0.600"	Block	A25

TECH TIP

Press fit typically of .005" to .006" in these sizes.

VALVE SEALS ULTIMATE IN OIL CONTROL

- X2 Valve Seals prevent unwanted oil from leaking past the valve guide and contaminating the cylinder, which can lead to detonation and/or loss of power.
- X2 offers a wide selection of premium valve seals, including the industry-standard Teflon® style, as well as rubber and Viton seals, in various valve stem sizes and guide O.D.'s.

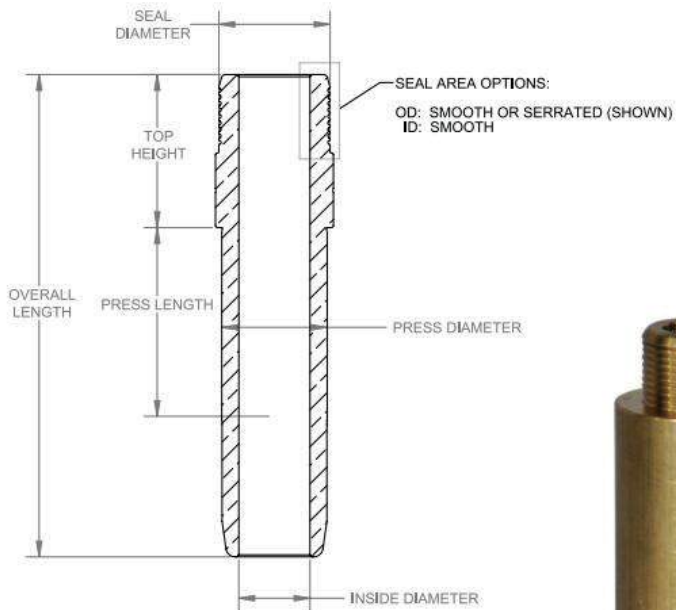
PART #	DESCRIPTION	MATERIAL	FITS STEM DIAMETER	FITS GUIDE OD	HEIGHT X WIDTH
X2VS-504	Valve Seal, Metal Clad	Fluoroviton	.236"	.395"	.463" x .495"
X2VS-553V	Valve Seal, Metal Body w/Rubber	Fluoroviton	.236"	.436"	.465" x .546"
X2VS-6476V	Valve Seal, Metal Body w/ No Rubber	Fluoroviton	.236"	.476"	.517" x .562"
X2VS-503	Valve Seal, Metal Clad	Fluoroviton	.275"	.435"	.517" x .550"
X2VS-565V	Valve Seal, Metal Clad	Fluoroviton	.275"	.475"	.478" x .545"
X2VS-7433	Valve Seal, Metal Body w/Rubber	Fluoroviton	.276"	.423"	.365" x .566"
X2VS-435V	Valve Seal, Metal Body w/ No Rubber	Fluoroviton	.276"	.476"	.517" x .562"
X2VS-230V	Valve Seal, Metal Clad	Fluoroviton	.276"	.514"	.512" x .620"
X2VS-900	Valve Seal, Top Hat Metal w/ Rubber	Fluoroviton	.310"	.495"	.511" x .598"
X2VS-650V	Valve Seal, Metal Body w/Rubber	Fluoroviton	.311"	.428"	.412" x .566"
X2VS-31500	Valve Seal, Metal Body w/ No Rubber	Fluoroviton	.311"	.500"	.498" x .546"
X2VS-805V	Valve Seal, Metal Body w/Rubber	Fluoroviton	.311"	.500"	.502" x .608"
X2VS-802V	Valve Seal, Metal Body w/Rubber	Fluoroviton	.311"	.531"	.516" x .677"
X2VS-1610	Valve Seal, Teflon w/Metal Band	Teflon	.312"	.500"	.887" x 1.190"
X2VS-806V	Valve Seal, Metal Clad	Fluoroviton	.313"	.500"	.560" x .608"
X2VS-441V	Valve Seal, Metal Body w/ No Rubber	Fluoroviton	.315"	.474"	.517" x .562"
X2VS-8476V	Valve Seal, Metal Body w/ No Rubber	Fluoroviton	.315"	.476"	.517" x .562"
X2VS-485V	Valve Seal, Metal Body w/Rubber	Fluoroviton	.341"	.485"	.495" x .858"
X2VS-1611	Valve Seal, Teflon w/Metal Band	Teflon	.342"	.464"	.510" x .596"
X2VS-472V	Valve Seal, Metal Body w/Rubber	Fluoroviton	.342"	.476"	.435" x .677"
X2VS-408AP	Valve Seal, Poly Rubber	Polyacrylic	.342"	.530"	.488" x .695"
X2VS-11500V	Valve Seal, Metal Body w/ No Rubber	Fluoroviton	.342"	.500"	.498" x .546"
X2VS-108V	Valve Seal, Metal Body w/Rubber	Fluoroviton	.342"	.500"	.524" x .620"
X2VS-11530V	Valve Seal, Metal Body w/ No Rubber	Fluoroviton	.342"	.530"	.498" x .575"
X2VS-529V	Valve Seal, Metal Body w/Rubber	Fluoroviton	.342"	.530"	.527" x .675"
X2VS-530V	Valve Seal, Metal Body w/Rubber	Fluoroviton	.342"	.531"	.527" x .674"
X2VS-562RV	Valve Seal, Metal Body w/Rubber	Fluoroviton	.342"	.562"	.582" x .705"
X2VS-562V	Valve Seal, Metal Body w/Rubber	Fluoroviton	.342"	.562"	.582" x .705"
X2VS-373V	Valve Seal, Metal Body w/Rubber	Fluoroviton	.373"	.500"	.530" x .623"
X2VS-375V	Valve Seal, Metal Body w/Rubber	Fluoroviton	.373"	.531"	.520" x .677"
X2VS-377V	Valve Seal, Metal Body w/Rubber	Fluoroviton	.373"	.562"	.516" x .661"
X2VS-403V	Valve Seal, Metal Body w/Rubber	Fluoroviton	.373"	.625"	.530" x .741"



VALVE GUIDES

IDEAL FOR STEEL AND TITANIUM VALVES

- Proprietary Manganese Bronze materials offering excellent wear properties
- Excellent for long valve life by offering improved heat dissipation and stem wear reduction
- Extended lengths for improved valve stem support
- Machined seal area offering superior seal retention
- Priced to be a competitive solution, yet giving you quality you deserve



TECH TIP

X2 alloy valve guides typically require approximately 002"-.003" press fit (in aluminum heads) during installation. For other applications, contact your CV sales representative.



ADDING NEW PART NUMBERS DAILY. IF YOU DO NOT SEE IT, PLEASE CONTACT YOUR CV SALES REP.

VALVE GUIDES

.502 OD EXHAUST - BLUNT NOSE

PART #	MATERIAL	PRESS DIAMETER	PRESS LENGTH	TOP HEIGHT	OVERALL LENGTH	SEAL AREA	INSIDE DIAMETER	SEAL DIAMETER
X2G-E502237A7	Manganese Bronze	0.502"	1.350"	0.715"	2.300"	Smooth	7mm	0.475"
X2G-E502205C6	Manganese Bronze	0.502"	1.125"	0.625"	2.000"	Serrated	5/16"	0.531"
X2G-E502225C6	Manganese Bronze	0.502"	1.325"	0.625"	2.200"	Serrated	5/16"	0.531"
X2G-E502235C6	Manganese Bronze	0.502"	1.225"	0.625"	2.300"	Serrated	5/16"	0.531"
X2G-E502255C6	Manganese Bronze	0.502"	1.625"	0.625"	2.500"	Serrated	5/16"	0.531"
X2G-E502201C6	Manganese Bronze	0.502"	1.125"	0.625"	2.000"	Serrated	11/32"	0.531"
X2G-E502221C6	Manganese Bronze	0.502"	1.325"	0.625"	2.200"	Serrated	11/32"	0.531"
X2G-E502231C7	Manganese Bronze	0.502"	1.350"	0.715"	2.300"	Serrated	11/32"	0.531"
X2G-E502241C6	Manganese Bronze	0.502"	1.525"	0.625"	2.400"	Serrated	11/32"	0.531"
X2G-E502251C6	Manganese Bronze	0.502"	1.625"	0.625"	2.500"	Serrated	11/32"	0.531"

.502 OD INTAKE - TAPERED NOSE

PART #	MATERIAL	PRESS DIAMETER	PRESS LENGTH	TOP HEIGHT	OVERALL LENGTH	SEAL AREA	INSIDE DIAMETER	SEAL DIAMETER
X2G-I502257A6	Manganese Bronze	0.502"	1.625"	0.625"	2.500"	Serrated	7mm	0.475"
X2G-I502257A7	Manganese Bronze	0.502"	1.550"	0.715"	2.500"	Serrated	7mm	0.475"
X2G-I502255C6	Manganese Bronze	0.502"	1.625"	0.625"	2.500"	Serrated	5/16"	0.531"
X2G-I502255C7	Manganese Bronze	0.502"	1.550"	0.715"	2.500"	Serrated	5/16"	0.531"
X2G-I502201C6	Manganese Bronze	0.502"	1.125"	0.625"	2.000"	Serrated	11/32"	0.531"
X2G-I502221C6	Manganese Bronze	0.502"	1.325"	0.625"	2.200"	Serrated	11/32"	0.531"
X2G-I502241C6	Manganese Bronze	0.502"	1.325"	0.625"	2.200"	Serrated	11/32"	0.531"
X2G-I502251C6	Manganese Bronze	0.502"	1.625"	0.625"	2.500"	Serrated	11/32"	0.531"
X2G-I502251C7	Manganese Bronze	0.502"	1.550"	0.715"	2.500"	Serrated	11/32"	0.531"

.503 OD EXHAUST - BLUNT NOSE

PART #	MATERIAL	PRESS DIAMETER	PRESS LENGTH	TOP HEIGHT	OVERALL LENGTH	SEAL AREA	INSIDE DIAMETER	SEAL DIAMETER
X2G-E503255C6	Manganese Bronze	0.503"	1.625"	0.625"	2.500"	Serrated	5/16"	0.531"
X2G-E503201C6	Manganese Bronze	0.503"	1.125"	0.625"	2.000"	Serrated	11/32"	0.531"
X2G-E503221C6	Manganese Bronze	0.503"	1.325"	0.625"	2.200"	Serrated	11/32"	0.531"

.545 OD EXHAUST - BLUNT NOSE

PART #	MATERIAL	PRESS DIAMETER	PRESS LENGTH	TOP HEIGHT	OVERALL LENGTH	SEAL AREA	INSIDE DIAMETER	SEAL DIAMETER
X2G-E545266A7	Manganese Bronze	0.545"	1.625"	0.715"	2.600"	Serrated	6mm	0.475"
X2G-E545205C6	Manganese Bronze	0.545"	1.125"	0.625"	2.000"	Serrated	5/16"	0.531"
X2G-E545225C6	Manganese Bronze	0.545"	1.325"	0.625"	2.200"	Serrated	5/16"	0.531"
X2G-E545255C6	Manganese Bronze	0.545"	1.625"	0.625"	2.500"	Serrated	5/16"	0.531"
X2G-E545201C6	Manganese Bronze	0.545"	1.125"	0.625"	2.000"	Serrated	11/32"	0.531"
X2G-E545221C6	Manganese Bronze	0.545"	1.325"	0.625"	2.200"	Serrated	11/32"	0.531"
X2G-E545241C6	Manganese Bronze	0.545"	1.525"	0.625"	2.400"	Serrated	11/32"	0.531"

.545 OD INTAKE - TAPERED NOSE

PART #	MATERIAL	PRESS DIAMETER	PRESS LENGTH	TOP HEIGHT	OVERALL LENGTH	SEAL AREA	INSIDE DIAMETER	SEAL DIAMETER
X2G-I545225C6	Manganese Bronze	0.545"	1.325"	0.625"	2.200"	Serrated	5/16"	0.531"
X2G-I545201C6	Manganese Bronze	0.545"	1.125"	0.625"	2.000"	Serrated	11/32"	0.531"
X2G-I545221C6	Manganese Bronze	0.545"	1.325"	0.625"	2.200"	Serrated	11/32"	0.531"

.547 OD EXHAUST BLUNT NOSE

PART #	MATERIAL	PRESS DIAMETER	PRESS LENGTH	TOP HEIGHT	OVERALL LENGTH	SEAL AREA	INSIDE DIAMETER	SEAL DIAMETER
X2G-E547201C6	Manganese Bronze	0.547"	1.125"	0.625"	2.000"	Serrated	5/16"	0.531"

BLANK - BLUNT NOSE

PART #	MATERIAL	PRESS DIAMETER	PRESS LENGTH	TOP HEIGHT	OVERALL LENGTH	SEAL AREA	INSIDE DIAMETER	SEAL DIAMETER
X2G-B625-236-250	Manganese Bronze	0.625"	N/A	0.375"	2.500"	Serrated	6mm	0.475"
X2G-B750-274-300	Manganese Bronze	0.750"	N/A	0.375"	3.000"	Serrated	7mm	0.475"
X2G-B625-309-300	Manganese Bronze	0.625"	N/A	0.375"	3.000"	Serrated	5/16"	0.530"

PRECISION ONE PIECE PUSHRODS

CUSTOM & SHELF SIZES AVAILABLE

THE BEST IN RACING PUSHRODS

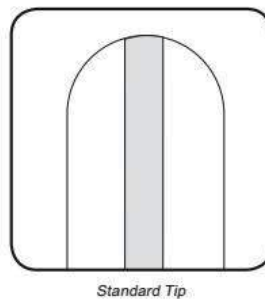
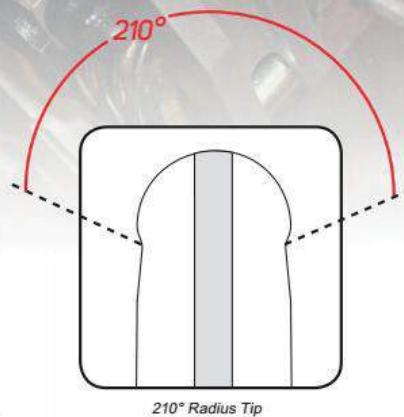
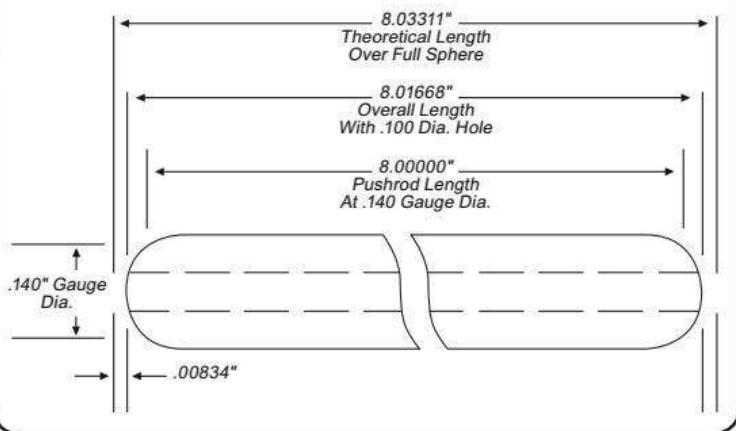
- Precision one piece design
- Created from 4130 Chrome-Molybdenum steel tube material
- Centerless-ground and case hardened to R60c for extra strength and rigidity
- Finished with Black Oxide Coating

LEGEND

EXAMPLE: X2P / 605 / 80 / 3

X2 PART #: X2P605803

Length	Wall	Diameter
605 = 6.050"	80 = .080"	3 = 3/8"



SHELF STOCK PUSHRODS

ITEM	STYLE	DIAMETER	WALL	LENGTHS IN .025 INCREMENTS	REPLACE XXXX OR XXXX WITH LENGTH	FOR LENGTHS IN	20° CLEARANCE	SINGLE OR DOUBLE TAPER
X2P-XXX805 X2P-XXXX805	.080" Wall 5/16" Dia.	5/16"	.080"	6.000" to 10.000"	For 6.000 Replace XXXX w/600 For 6.025 Replace XXXX w/6025	.050" Increments .025" Increments	Optional	N/A
X2P-XXX805-CL X2P-XXXX805-CL	.080" Wall 5/16" Dia. w/.210" Clearance	5/16"	.080"	6.000" to 10.000"	For 6.000 Replace XXXX w/600 For 6.025 Replace XXXX w/6025	.050" Increments .025" Increments	Standard	N/A
X2P-XXX1055 X2P-XXXX1055	.105" Wall 5/16" Dia.	5/16"	.105"	7.000" to 9.800"	For 7.000 Replace XXXX w/700 For 7.025 Replace XXXX w/7025	.050" Increments .025" Increments	Standard	N/A
X2P-XXX803 X2P-XXXX803 X2P-TXXXX803 X2P-TXXXXX803	.080" Wall 3/8" Dia.	3/8"	.080"	6.000" to 9.950" 10.000" to 12.000"	For 6.000 Replace XXXX w/600 For 6.025 Replace XXXX w/6025 For 10.050 Replace XXXX w/T1005 For 10.125 Replace XXXX w/T10125	.050" Increments .025" Increments .050" Increments .025" Increments	Optional	Optional
X2P-XXX803-CL X2P-XXXX803-CL X2P-TXXXX803-CL X2P-TXXXXX803-CL	.080" Wall 3/8" Dia. w/.210 Clearance	3/8"	.080"	6.000" to 9.950" 10.000" to 12.000"	For 6.000 Replace XXXX w/600 For 6.025 Replace XXXX w/6025 For 10.050 Replace XXXX w/T1005 For 10.125 Replace XXXX w/T10125	.050" Increments .025" Increments .050" Increments .025" Increments	Standard	Optional
X2P-XXX1353 X2P-XXXX1353	.135" Wall 3/8" Dia.	3/8"	.135"	7.000" to 9.800"	For 7.000 Replace XXXX w/700 For 7.025 Replace XXXX w/7025	.050" Increments .025" Increments	Standard	Optional
X2P-XXX1657 X2P-XXXX1657 X2P-TXXXX1657 X2P-TXXXXX1657	.165" Wall 7/16" Dia.	7/16"	.165"	8.500" to 9.950" 10.000" to 11.500"	For 8.500 Replace XXXX w/850 For 8.525 Replace XXXX w/8525 For 10.050 Replace XXXX w/T1005 For 10.125 Replace XXXX w/T10125	.050" Increments .025" Increments .050" Increments .025" Increments	Standard	Standard
X2P-XXX1657-DT X2P-XXXX1657-DT X2P-TXXXX1657-DT X2P-TXXXXX1657-DT	.165" Wall 7/16" Dia. Double Taper (DT)	7/16"	.165"	7.000" to 9.950" 10.000" to 11.500"	For 7.000 Replace XXXX w/700 For 7.025 Replace XXXX w/7025 For 10.050 Replace XXXX w/T1005 For 10.125 Replace XXXX w/T10125	.050" Increments .025" Increments .050" Increments .025" Increments	Optional	Optional
X2P-XXX2002-CL X2P-TXXXX2002-CL	.200" Straight Wall w/.210" Clearance	1/2"	.200"	8.000" to 9.950" 10.000" to 11.500"	For 8.000 Replace XXXX w/800 For 10.050 Replace XXXX w/T1005	.050" Increments .050" Increments	Optional	N/A

FOR ORDERING, USE YOUR DESIRED LENGTH TO REPLACE "XXXX" - 3 digits for the length except for .025" which would then be 4 digits on lengths under 10". "T" along with 4 digits except for .025" sizes which would then be "T" & 5 digits on lengths 10" and up. If you have a Clearance or Double Taper, it should be listed last preceded with a "-" dash.



TECH TIP

- Pushrods are wear items and should be replaced over time.
- When the pushrods show blue coloring from excessive heat it's time to replace them.
- Always inspect tip end condition, straightness and for visual cracks.

PUSHROD LENGTH CHECKER

X2's pushrod length checkers are marked with a standard length which is laser etched into them. This number represents the gauge length of a part (0.140 gauge diameter) with the two halves tightly screwed together. Extending the checker one rotation lengthens the gauge length 0.050. For example, a pushrod etched 7.800 screwed apart one rotation would be 7.800 + 0.050 + 7.850 gauge length. Therefore you would order the part number from the catalog based on this measurement.

MASTER LENGTH CHECKER SET- includes all of the lengths listed plus 1-Vcup and 1-5/16 cup tip.

PART #	DESCRIPTION
X2P-TC5868	Pushrod Length Checker 5.8" to 6.8"
X2P-TC6878	Pushrod Length Checker 6.8" to 7.8"
X2P-TC7888	Pushrod Length Checker 7.8" to 8.8"
X2P-TC8898	Pushrod Length Checker 8.8" to 9.8"
X2P-TC98108	Pushrod Length Checker 9.8" to 10.8"
X2P-TCS-SPRING	Checker Springs
X2P-MASTERKIT	Pushrod Length Checker Kit 5.8" to 10.8"

Available in one-inch increments from 5.800" to 11.8000" with ball or cup ends in these sizes:
 TC 5.800" - 6.800"
 TC 6.800" - 7.800"
 TC 7.800" - 8.800"
 TC 8.800" - 9.800"
 TC 9.800" - 10.800"





LIFTERS

SUPERIOR PERFORMANCE, EXCELLENT VALUE

- Hydraulic and Solid applications
- Numerous applications for all forms of racing
- Various offsets and wheel diameters for a range in power level durability requirements



LEAD TIMES MAY VARY
BASED ON APPLICATION

PERFORMANCE STREET SERIES - HYDRAULIC ROLLER

- Higher performance needle bearings over OE applications
- Drop in design with Tie Bar
- Features .700" diameter roller wheel
- Improved oiling eliminating flapper valve for extended durability

PART #	ENGINE MAKE	DESCRIPTION
X2RL-6076	AMC 304-401 CU IN	Amc .903" Diameter Body/.700" Roller, Verticle Tie Bar
X2RL-5386	BUICK 350 CU IN	Buick .842" Diameter Body/.700" Roller, Verticle Tie Bar
X2RL-5333	BUICK 401-425-455 CU IN	Buick .842" Diameter Body/.700" Roller, Verticle Tie Bar
X2RL-5393	BUICK TURBO V-6	Buick .842" Diameter Body/.700" Roller, Verticle Tie Bar Turbo V6
X2RL-5331	CADILLAC 425-472-500	Cad .842" Diameter Body/.700" Roller, Verticle Tie Bar
X2RL-5339	CHEVY 348 - 409 CU IN	Chevy .842" Diameter Body/.700" Roller, Verticle Tie Bar
X2RL-5374	CHEVY BB	BBC .842" Diameter Body/.700" Roller, Verticle Tie Bar
X2RL-5290	CHEVY LS	LS .842" Diameter Body/.700" Roller, Verticle Tie Bar
X2RL-5877	CHEVY LS	LS .842" Diameter Body/.700" Roller, Verticle Tie Bar Motown
X2RL-5315	CHEVY SB	SBC .842" Dia. Body/.700" Roller, Stock Repl. Polished Hydraulic Roller 87-93 5.0,5.7,4.3
X2RL-5372	CHEVY SB	SBC .842" Diameter Body/.700" Roller, Verticle Tie Bar
X2RL-5319	CHRYSLER	Mopar 440 .903" Diameter Body/.700" Roller, Verticle Tie Bar
X2RL-5321	CHRYSLER	Mopar SB .903" Diameter Body/.700" Roller,
X2RL-5323	FORD SB/BB	Ford .875" Diameter Body/.700" Roller, Verticle Tie Bar
X2RL-5329	FORD SB/BB	Ford BB 429-460 & FE .875" Dia. Body/.700" Roller, Verticle Tie Bar Hyd. Roller (HLT Lim. Travel)
X2RL-5325	FORD SB/BB	Ford .875" Diameter Body/.700" Roller, Verticle Tie Bar
X2RL-5327	FORD SB/BB	Ford .875" Dia. Body/.700" Roller, Verticle Tie Bar Hydraulic Roller (HLT Limited Travel)
X2RL-5337	HOLDEN V8	Holden .842" Diameter Body/.700" Roller, Verticle Tie Bar
X2RL-5335	OLDS 400-403-425-455 CU IN	Olds .842" Diameter Body/.700" Roller, Verticle Tie Bar
X2RL-5884	PONTIAC 400-421-428-455 CU IN	Pontiac .842" Diameter Body/.700" Roller, Verticle Tie Bar



PERFORMANCE STREET SERIES - MECHANICAL ROLLER

- Higher quality than OE
- Increased spring pressure
- Heat treated body w/.700" diameter roller wheel
- Excellent economical solution
- Drop in Tie Bar design

PART #	ENGINE MAKE	DESCRIPTION
X2RL-5555	BUICK 350 CU IN	Buick .842" Diameter Body/.700" Roller, Verticle Tie Bar
X2RL-5345	BUICK 400-403-425-455 CU IN	Buick .842" Diameter Body/.700" Roller, Verticle Tie Bar
X2RL-5553	BUICK TURBO V-6	Buick .842" Diameter Body/.700" Roller, Verticle Tie Bar
X2RL-5356	CADILLAC 425-472-500	Cad .842" Diameter Body/.700" Roller, Verticle Tie Bar
X2RL-5347	CHEVY 348 - 409 CU IN	Chevy 348 409 .842" Diameter Body/.700" Roller, Verticle Tie Bar
X2RL-5547	CHEVY BB	BBC .842" Diameter Body/.700" Roller, Verticle Tie Bar
X2RL-5989	CHEVY LS	LS .842" Diameter Body/.700" Roller, Verticle Tie Bar
X2RL-5511	CHEVY SB	SBC .842" Diameter Body/.700" Roller, Verticle Tie Bar
X2RL-5523	CHRYSLER	Mopar A .903" Diameter Body/.700" Roller, Verticle Tie Bar
X2RL-5526	CHRYSLER	Mopar B 440 .903" Diameter Body/.700" Roller, Verticle Tie Bar
X2RL-5520	FORD BB	Ford BB & FE .875" Diameter Body/.700" Roller, Verticle Tie Bar
X2RL-5517	FORD SB	Ford Windsor / Cleveland .875" Dia. Body/.700" Roller, Verticle Tie Bar
X2RL-5343	HOLDEN V8	Holden .842" Diameter Body/.700" Roller, Verticle Tie Bar
X2RL-5887	PONTIAC 400-421-428-455 CU IN	Pontiac .842" Diameter Body/.700" Roller, Verticle Tie Bar

SUPER STOCK SERIES - FLAT TAPPET

- Excellent Oval Track solution
- Designed for cast iron cam shafts
- Extra oiling features such as EDM holes on some models

PART #	ENGINE MAKE	DESCRIPTION
X2RL-5034	CHEVY	Chevy .842" Diameter .150" Intake Offset Oiling
X2RL-5035	CHEVY	Chevy .842" Diameter On Center Oiling
X2RL-5036	CHEVY	Chevy .842" Diameter No Oiling
X2RL-5125	FORD	Ford .875" Diameter No Oiling SB,351,302
X2RL-5127	FORD	Ford .875" Diameter On Center Oil SB,351,302

LEAD TIMES MAY VARY
BASED ON APPLICATION



SPORTSMAN SERIES - HYDRAULIC ROLLER

- .750" diameter roller wheel
- Cast hardened body w/superior axle material
- Great for Drag Race, Marine and other applications
- Suited for 140-180 lbs seat pressure and 330-380 lbs open pressure

PART #	ENGINE MAKE	DESCRIPTION
X2RL-4603	CHEVY BB	BBC .842" Diameter Body/.750" Roller, Verticle Tie Bar
X2RL-4795	CHEVY BB	BBC .842" Diameter Body/.750" Roller, Verticle Tie Bar Hydraulic (HLT Limited Travel) Roller
X2RL-5475	CHEVY BB	Mercury Marine Dog Bone .842" Diameter Body/.750" Roller,
X2RL-5206	CHEVY LS	LS and Motown Block, .842" Diameter Body/.750" Roller, Verticle Tie Bar
X2RL-4708	CHEVY LS	LS .842" Diameter Body/.750" Roller, For Standard & High Lift Extended High Body
X2RL-5294	CHEVY LS	LS .842" Diameter Body/.750" Roller, Verticle Tie Bar High RPM On Center
X2RL-4793	CHEVY LS	LS .842" Diameter Body/.750" Roller, (HLT Limited Travel) For Standard & High Lift
X2RL-5274	CHEVY LS	LS and Warhawk Block .842" Diameter Body/.750" Roller, Verticle Tie Bar
X2RL-5276	CHEVY LS	LS and Warhawk Block .842" Diameter Body/.750" Roller, Verticle Tie Bar High RPM On Center
X2RL-5283	CHEVY LS	LS and Warhawk Block .842" Diameter Body/.750" Roller, Verticle Tie Bar (HLT Limited Travel)
X2RL-5850	CHEVY LS	LS and Motown Block .842" Diameter Body/.750" Roller, Verticle Tie Bar (HLT Limited Travel)
X2RL-4602	CHEVY SB	SBC .842" Diameter Body/.750" Roller, Verticle Tie Bar Performance
X2RL-5044	CHEVY SB	SBC .842" Diameter Body/.750" Roller, Verticle Tie Bar High RPM Hydraulic Racing
X2RL-4789	CHEVY SB	SBC .842" Diameter Body/.750" Roller, Verticle Tie Bar Hydraulic Performance (HLT Limited Travel) Roller
X2RL-6087	CHEVY SB	Chevy .842" Diameter Body/.750" Roller, Verticle Tie Bar Pro 348-409 Cu. In.
X2RL-5879	FORD SB/BB	Ford Windsor & Cleveland .875" Diameter Body/.750" Roller, Verticle Tie Bar Pro
X2RL-5891	FORD SB/BB	Ford .875" Diameter Body/.750" Roller, Verticle Tie Bar High RPM

NOTE: RPM is dependent on valve mass, cam profile and spring mass

SPORTSMAN SERIES - MECHANICAL ROLLER

- .750" diameter roller wheel
- Cast hardened body w/superior axle material
- Rebuildable
- Great for Oval and Drag Race applications

PART #	ENGINE MAKE	DESCRIPTION
X2RL-5045	CHEVY BB	BBC .842" Dia. Body/.750" Roller, Verticle Tie Bar High RPM On Center
X2RL-4606	CHEVY BB	BBC .842" Dia. Body/.750" Roller, Verticle Tie Bar .300" Tall On Center
X2RL-4677	CHEVY BB	BBC .842" Diameter Body/.750" Roller, Horizontal Tie Bar
X2RL-4737	CHEVY LS	LS .842" Diameter Body/.750" Roller, for Standard & High Lift
X2RL-5452	CHEVY LS	LS .842" Dia. Body/.750" Roller, Verticle Tie Bar for Standard & High Lift
X2RL-5463	CHEVY LS	LS .842" Diameter Body/.750" Roller, Verticle Tie Bar Warhawk
X2RL-4601	CHEVY SB	SBC .842" Diameter Body/.750" Roller, Horizontal Tie Bar
X2RL-4604	CHEVY SB	SBC .842" Diameter Body/.750" Roller, Verticle Tie Bar +.300" On Center
X2RL-4723	CHRYSLER	Mopar A .903" Diameter Body/.750" Roller, Verticle Tie Bar
X2RL-4730	CHRYSLER	Mopar B .903" Diameter Body/.750" Roller, Verticle Tie Bar
X2RL-4726	FORD BB	Ford FE .875" Diameter Body/.750" Roller, Verticle Tie Bar
X2RL-4719	FORD BB	Ford BB 429-460 .875" Diameter Body/.750" Roller, Verticle Tie Bar
X2RL-4713	FORD SB	Ford .875" Diameter Body/.750" Roller, Verticle Tie Bar
X2RL-5411	FORD SB	Ford .875" Diameter Body/.750" Roller, Verticle Tie Bar



TECH TIP

- Control tolerance of OD Lifter Body to the ID of Lifter Bore - .0015" to .0017"
- Roundness and straightness of Lifter Bore should be held to .0002"

LEAD TIMES MAY VARY
BASED ON APPLICATION



TOP DOG ROLLER SERIES - MECHANICAL ROLLER THE ULTIMATE IN ROLLER TECHNOLOGY

- Bushing allows allows more contact area for heavier loads
- Fully rebuildable
- Please do not wash before installation due to special assembly lube is installed during production

PART #	ENGINE MAKE	DESCRIPTION
X2RL-6138	CHEVY BB	Bushing BBC .842" Diameter Body/.750" Roller, Verticle Tie Bar, Pressure Oiling, +.300" On Center
X2RL-6141	CHEVY BB	Bushing BBC .842" Diameter Body/.750" Roller, Verticle Tie Bar, Pressure Oiling, +.300" .180" Left & Right Intake Offset
X2RL-6143	CHEVY BB	Bushing BBC .903" Diameter Body/.810" Roller, Verticle Tie Bar, Pressure Oiling, .903" +.300" On Center
X2RL-6202	CHEVY BB	Bushing BBC .936" Diameter Body/.850" Roller, Verticle Tie Bar, Pressure Oiling, +.300" On Center
X2RL-6204	CHEVY BB	Bushing BBC .936" Diameter Body/.850" Roller, Verticle Tie Bar, Pressure Oiling, +.300" .180" Left & Right Intake Offset
X2RL-6146	CHEVY BB	Bushing BBC .903" Diameter Body/.810" Roller, Verticle Tie Bar, Pressure Oiling, +.300" .180" Left & Right Intake Offset
X2RL-6148	CHEVY BB	Bushing BBC .903" Diameter Body/.810" Roller, Verticle Tie Bar, Pressure Oiling, +.300" .180" Right Hand Intake Offset
X2RL-6130	CHEVY LS	Bushing LS .842" Diameter Body/.750" Roller, Verticle Tie Bar, Pressure Oiling, +.300" On Center Warhawk
X2RL-6132	CHEVY LS	Bushing LS .903" Diameter Body/.810" Roller, Verticle Tie Bar, Pressure Oiling, +.300" On Center
X2RL-6134	CHEVY LS	Bushing LS .903" Diameter Body/.810" Roller, Verticle Tie Bar, Pressure Oiling, +.300" On Center Warhawk
X2RL-6136	CHEVY LS	Bushing LS .903" Diameter Body/.810" Roller, Verticle Tie Bar, Pressure Oiling, +.300" .180" Left Intake Offset
X2RL-6177	CHEVY LS	Bushing LS .842" Diameter Body/.750" Roller, Verticle Tie Bar, Pressure Oiling, +.300" On Center
X2RL-6196	CHEVY LS	Bushing LS .936" Diameter Body/.850" Roller, Verticle Tie Bar, Pressure Oiling, +.300" On Center
X2RL-6200	CHEVY LS	Bushing LS .936" Diameter Body/.850" Roller, Verticle Tie Bar, Pressure Oiling, +.300" .180" Left Intake Offset
X2RL-6111	CHEVY SB	Bushing SBC .842" Diameter Body/.750" Roller, Verticle Tie Bar, Pressure Oiling, +.300" On Center
X2RL-6114	CHEVY SB	Bushing SBC .842" Diameter Body/.750" Roller, Verticle Tie Bar, Pressure Oiling, +.300" .180" Left & Right Intake Offset
X2RL-6118	CHEVY SB	Bushing SBC .903" Diameter Body/.810" Roller, Verticle Tie Bar, Pressure Oiling, +.300" On Center
X2RL-6125	CHEVY SB	Bushing SBC .936" Diameter Body/.850" Roller, Verticle Tie Bar, Pressure Oiling, +.300" On Center
X2RL-6128	CHEVY SB	Bushing SBC .936" Diameter Body/.850" Roller, Verticle Tie Bar, Pressure Oiling, +.300" .180" Left & Right Intake Offset
X2RL-6348	CHEVY SB	Bushing SBC .842" Diameter Body/.750" Roller, Verticle Tie Bar, Pressurized Oiling+.300" (Left & Right Offset .180")
X2RL-6116	CHEVY SB	Bushing SBC .875" Diameter Body/.750" Roller, Verticle Tie Bar, Pressure Oiling, On Center
X2RL-6121	CHEVY SB	Bushing SBC .903" Diameter Body/.810" Roller, Verticle Tie Bar, Pressure Oiling, +.300" .180" Left & Right Intake Offset
X2RL-6123	CHEVY SB	Bushing SBC/Buick .903" Diameter Body/.810" Roller, Verticle Tie Bar, Pressure Oiling, .180" Left Intake Offset
X2RL-6170	CHRYSLER	Bushing Mopar A .903" Diameter Body/.810" Roller, Verticle Tie Bar, Pressure Oiling, On Center
X2RL-6172	CHRYSLER	Bushing Mopar B .903" Diameter Body/.810" Roller, Verticle Tie Bar, Pressure Oiling On Center
X2RL-6175	CHRYSLER	Bushing Mopar B .903" Diameter Body/.810" Roller, Verticle Tie Bar, Pressure Oiling .180" Left & Right Intake Offset
X2RL-6162	FORD BB	Bushing Ford BB 429-460 .875" Diameter Body/.750" Roller, Verticle Tie Bar, Pressure Oiling,
X2RL-6164	FORD BB	Bushing Ford BB(FE) .875" Diameter Body/.750" Roller, Verticle Tie Bar, Pressure Oiling, 352-390-410-428
X2RL-6166	FORD BB	Bushing Ford BB 429-460 .903" Diameter Body/.810" Roller, Verticle Tie Bar, Pressure Oiling, On Center
X2RL-6168	FORD BB	Bushing Ford BB 429-460 .903" Diameter Body/.810" Roller, Verticle Tie Bar, Pressure Oiling, .180" R Intake Offset
X2RL-6158	FORD SB	Bushing Ford SB 351 .903" Diameter Body/.810" Roller, Verticle Tie Bar, Pressure Oiling, On Center
X2RL-6160	FORD SB	Bushing Ford SB 351 .903" Diameter Body/.810" Roller, Verticle Tie Bar, Pressure Oiling, .180" R Intake Offset
X2RL-6152	FORD SB	Bushing Ford Windsor .875" Diameter Body/.750" Roller, Verticle Tie Bar, Pressure Oiling,
X2RL-6154	FORD SB	Bushing Ford Cleveland .875" Diameter Body/.750" Roller, Verticle Tie Bar, Pressure Oiling, 351-400 Cu In
X2RL-6156	FORD SB	Bushing Ford Windsor .875" Diameter Body/.750" Roller, Verticle Tie Bar, Pressure Oiling, .180" Right Intake Offset
X2RL-6243	FORD SB	Bushing Ford Windsor .875" Diameter Body/.750" Roller, Verticle Tie Bar, Pro Pressure Oiling Offset .180R & .180L

NOTE: Do not run oil restrictors

LIFTER BORE SLEEVES

PART #	DESCRIPTION	LENGTH	OD	ID
X2LBS-843	.842" Lifter	1.700"	1.002"	.841"

X2LBS-843



PRO SERIES - HYDRAULIC ROLLER

- High performance design
- REM Finished body featuring high grade materials and heat treating
- Upgraded hardware featuring high tensile rivets
- Shrouded wheel design adds additional strength to body for extreme loads
- Large diameter wheel improves pressure angle to camshaft
- Rebuildable
- Designed for 225lbs seat pressure and 550lbs open pressure

PART #	ENGINE MAKE	DESCRIPTION
X2RL-5470	CHEVY BB	BBC .903" Dia. Body/.810" Roller, Verticle Tie Bar High RPM Pressure Oiling .300" On Center
X2RL-5472	CHEVY LS	LS .903" Diameter Body/.810" Roller, Verticle Tie Bar High RPM On Center Pressure Oiling
X2RL-5474	CHEVY LS	LS .903" Dia. Body/.810" Roller, Verticle Tie Bar Hyd. High RPM Pressure Oiling On Center Warhawk
X2RL-5468	CHEVY SB	SBC .903" Diameter Body/.810" Roller, Verticle Tie Bar High RPM Pressure Oiling, On Center
X2RL-6072	CHRYSLER	Mopar SB Racing .903" Diameter Body/.810" Roller, Verticle Tie Bar High RPM
X2RL-6074	CHRYSLER	Mopar 440 .903" Diameter Body/.810" Roller, Verticle Tie Bar High RPM
X2RL-6083	FORD SB/BB	Ford Windsor .903" Diameter Body/.810" Roller, Verticle Tie Bar High RPM
X2RL-6085	FORD SB/BB	Ford BB .903" Diameter Body/.810" Roller, Verticle Tie Bar High RPM

NOTE: Do not use higher weight oil above 5W-40

LEAD TIMES MAY VARY
BASED ON APPLICATION



PRO PRESSURE SERIES - MECHANICAL ROLLER

- High performance design
- REM Finished body featuring high grade materials and heat treating
- Upgraded hardware featuring high tensile rivets
- Shrouded wheel design adds additional strength to body for extreme loads
- Large diameter wheel improves pressure angle to camshaft
- Rebuildable
- Designed for 225lbs seat pressure and 550lbs open pressure

PART #	ENGINE MAKE	DESCRIPTION
X2RL-4841	CHEVY BB	BBC .842" Diameter Body/.750" Roller, Verticle Tie Bar, Pro Pressure Oiling +.300" .180" Left & Right Intake Offset
X2RL-4845	CHEVY BB	BBC .842" Diameter Body/.750" Roller, Verticle Tie Bar, Pro Pressure Oiling +.300" On Center
X2RL-4869	CHEVY BB	BBC .903" Diameter Body/.810" Roller, Verticle Tie Bar, Pro Pressure Oiling +.300" On Center
X2RL-4875	CHEVY BB	BBC .903" Diameter Body/.810" Roller, Verticle Tie Bar, Pro Pressure Oiling +.300" .180" Left & Right Intake Offset
X2RL-6039	CHEVY BB	BBC .842" Diameter Body/.750" Roller, Verticle Tie Bar, Pro Pressure Oiling +.300" On Center (NASCAR Bearing & Axle)
X2RL-6042	CHEVY BB	BBC .842" Diameter Body/.750" Roller, Verticle Tie Bar, Pro Pressure Oiling +.300" .180" Left & Right Intake Offset (NASCAR Bearing & Axle)
X2RL-6048	CHEVY BB	BBC .903" Diameter Body/.810" Roller, Verticle Tie Bar, Pro Pressure Oiling +.300" .180" Right Hand Intake Offset
X2RL-5425	CHEVY LS	LS & Motown Block .842" Diameter Body/.750" Roller, Verticle Tie Bar, Pro Pressure Oiling +.300" On Center
X2RL-5428	CHEVY LS	LS .903" Diameter Body/.810" Roller, Verticle Tie Bar, Pro Pressure Oiling +.300" On Center
X2RL-5457	CHEVY LS	LS .903" Diameter Body/.810" Roller, Verticle Tie Bar, Pro Pressure Oiling +.300" .180" Left Intake Offset
X2RL-5459	CHEVY LS	LS & Warhawk Block .903" Diameter Body/.810" Roller, Verticle Tie Bar, Pro Pressure Oiling +.300" On Center
X2RL-5461	CHEVY LS	LS & Warhawk Block .842" Diameter Body/.750" Roller, Verticle Tie Bar, Pro Pressure Oiling +.300" On Center
X2RL-5564	CHEVY LS	LS .936" Diameter Body/.850" Roller, Keyed .937" Bushing Required
X2RL-4838	CHEVY SB	SBC .842" Diameter Body/.750" Roller, Verticle Tie Bar, Pro Pressure Oiling +.300" .180" Left & Right Intake Offset
X2RL-4843	CHEVY SB	SBC .842" Diameter Body/.750" Roller, Verticle Tie Bar, Pro Pressure Oiling +.300" On Center
X2RL-5963	CHEVY SB	SBC .842" Diameter Body/.750" Roller, Verticle Tie Bar, Pro Pressure +.300" (Left & Right Offset .180" Each Pair)
X2RL-4867	CHEVY SB	SBC .903" Diameter Body/.810" Roller, Verticle Tie Bar, Pro Pressure Oiling +.300" On Center
X2RL-4872	CHEVY SB	SBC .903" Diameter Body/.810" Roller, Verticle Tie Bar, Pro Pressure Oiling +.300" .180" Left & Right Intake Offset
X2RL-4914	CHEVY SB	SBC/Buick .842" Diameter Body/.750" Roller, Verticle Tie Bar, Pro Pressure Oiling Left Intake Offset
X2RL-4989	CHEVY SB	SBC/Buick .903" Diameter Body/.810" Roller, Verticle Tie Bar, Pro Pressure Oiling .180" Left Intake Offset
X2RL-5910	CHEVY SB	SBC .875" Diameter Body/.750" Roller, Verticle Tie Bar, Pro Pressure Oiling .180" Left & Right Intake Offset
X2RL-5919	CHEVY SB	SBC .875" Diameter Body/.750" Roller, Verticle Tie Bar, Pro Pressure Oiling On Center
X2RL-5965	CHEVY SB	SBC .842" Diameter Body/.750" Roller, Verticle Tie Bar, Pro Pressure +.300" On Center w/(NASCAR Bearing & Axle)
X2RL-6190	CHEVY SB	SBC .842" Diameter Body/.750" Roller, Verticle Tie Bar, Pro Pressure Oiling +.300" .180" Intake & Exhaust Offset
X2RL-6192	CHEVY SB	SBC .903" Diameter Body/.810" Roller, Verticle Tie Bar, Pro Pressure Oiling +.300" .180" Intake & Exhaust Offset
X2RL-5260	CHRYSLER	Mopar A .903" Diameter Body/.810" Roller, Verticle Tie Bar, Pro Pressure Oiling On Center
X2RL-5270	CHRYSLER	Mopar B .903" Diameter Body/.810" Roller, Verticle Tie Bar, Pro Pressure On Center
X2RL-5561	CHRYSLER	Mopar B .903" Diameter Body/.810" Roller, Verticle Tie Bar, Pro Pressure .180" Left & Right Intake Offset
X2RL-5454	FORD BB	Ford BB(FE) .875" Diameter Body/.750" Roller, Verticle Tie Bar, Pro Pressure Oiling 352-390-410-428
X2RL-5456	FORD BB	Ford BB 429-460 .875" Diameter Body/.750" Roller, Verticle Tie Bar, Pro Pressure Oiling
X2RL-5505	FORD BB	Ford BB 429-460 .903" Diameter Body/.810" Roller, Verticle Tie Bar, Pro Pressure Oiling On Center
X2RL-5506	FORD BB	Ford BB 429-460 .903" Diameter Body/.810" Roller, Verticle Tie Bar, Pro Pressure Oiling .180" R Intake Offset
X2RL-5436	FORD SB	Ford Windsor .875" Diameter Body/.750" Roller, Verticle Tie Bar, Pro Pressure Oiling
X2RL-5488	FORD SB	Ford SB 351 .903" Diameter Body/.810" Roller, Verticle Tie Bar, Pro Pressure Oiling .180" R Intake Offset
X2RL-5490	FORD SB	Ford SB 351 .903" Diameter Body/.810" Roller, Verticle Tie Bar, Pro Pressure Oiling On Center
X2RL-5440	FORD SB	Ford Cleveland .875" Diameter Body/.750" Roller, Verticle Tie Bar, Pro Pressure Oiling 351-400 Cu In
X2RL-5557	FORD SB	Ford Windsor .875" Diameter Body/.750" Roller, Verticle Tie Bar, Pro Pressure Oiling .180" Right Intake Offset





**INSPIRED BY TECHNOLOGY LEARNED
WORKING WITH TOP TEAMS IN RACING**

**SHOWN:
JUSTIN BARCIA
JGR TOYOTA YAMAHA**

SUPERIOR PERFORMANCE, EXCELLENT VALVE

AVAILABLE FOR:

BIKE

HONDA, KAWASAKI, KTM, SUZUKI & YAMAHA

ATV

HONDA, SUZUKI & YAMAHA

UTV

YAMAHA, KAWASAKI & POLARIS

AVAILABLE INDIVIDUAL VALVES OR VALVETRAIN KITS

- TITANIUM VALVES
- STEEL VALVES
- INTAKE, EXHAUST & MASTER VALVE KITS





LEADING PERFORMANCE BRANDS

BUY CODE	PRODUCT	DESCRIPTION
A		
MR	ACCEL PERFORMANCE	Ignition Components, Starters, Alternators, Wire Sets, Distributors
ACL	ACL BEARINGS	Engine Bearings
AED	ADVANCED ENGINE DESIGN	Fuel System and Carburetor Components
AFIS	ADVANCED FUEL & IGNITION SYSTEMS	Ignition Components, Wire Sets, Fuel Injectors
AMC	ADVANCED MOTORSPORTS COATING	Hardcoat, Anodize
ADV	ADVANCED SLEEVE CORP.	Racing Engine Sleeves
AER	AEROMOTIVE	Fuel System Components
ATI	ATI PERFORMANCE	Performance Harmonic Balancers
ATL	ATL FUEL CELLS	Fuel Cells and Accessories
AUT	AUTOLITE	Spark Plugs
ARP	AUTOMOTIVE RACING PRODUCTS	Performance Studs, Bolts, and Fasteners
AQ	EATON AEROQUIP	Performance Hose and Fittings
B		
BOS	BOSCH	Ignition, Spark Plugs and Fuel Systems
BS	BARNES SYSTEMS INC.	Oil Pump and Oil Accessories
BLP	BO LAWS PERFORMANCE PRODUCTS	Fuel System Components, Carburetor Components, Valve Covers
C		
CAL	CALLIES PERF. PRODUCTS	Crankshaft and Connecting Rods
CRP	CANTON RACING	Oil Pans and Accessories
CR	CARRILLO INDUSTRIES	Connecting Rods
CH	CHAMP PANS	Oil Pans, Pick Up and Carburetor Accessories
CHA	CHAMPION	Spark Plugs
CG	CLOYES GEAR & PRODUCTS	Timing Chain Systems
COM	COMETIC GASKET	Performance Engine Gaskets
CC	COMPETITION CAMS	Performance Cams and Accessories
CON	CONTINENTAL	Hoses and Belts
CP	CP PISTONS	Engine Pistons
CRA	CRANE PERFORMANCE	Performance Valve Train and Ignition Components
CV	CV RACING PRODUCTS	Engine Related Components
D		
DRT	DART BLOCKS	Cylinder Heads, Engine Blocks, and Intake Manifolds
DAR	DARTON INTERNATIONAL	Performance Engine Sleeves
DES	DESIGN ENGINEERING, INC.	Exhaust Wraps and Accessories, Ignition Wire Protection Heat and Sound Barriers
DI	DIAMOND RACING PRODUCTS	Engine Pistons
JGR	DRIVEN RACING OIL	Performance Racing Lubricants
DB	DURA-BOND BEARING	Engine Bearings
E		
ESP	EAGLE SPECIALTY PRODUCTS	Performance Crankshafts and Connecting Rods
ED	EDELBROCK	Performance Manifolds, Engine Components
F		
FM	FEDERAL MOGUL	Bearings
FP	FEL PRO PERFORMANCE	Engine Gaskets
HF	FERREA	Performance Valve Train
FRA	FRAGOLA PERFORMANCE	Performance Hose and Fittings
FRAM	FRAM	Oil, Air and Fuel Filters
H		
HVH	HIGH VELOCITY HEADS	Engine and Fuel Accessories
HOL	HOLLEY PERFORMANCE PROD	Fuel System and Carburetor Components
I		
IK	ISKY RACING	Valve Train Accessories
J		
JE	JE PISTONS	Engine Pistons
K		
K1	K-1 TECHNOLOGIES	Crankshaft and Connecting Rods
KN	K&N	Air Filters, Oil Filters and Air Intakes
KL	KERRY LAWRENCE HEADERS	Performance Exhaust
KEB	KING ENGINE BEARINGS	Engine Bearings
K	K-MOTION RACING	Valvetrain Accessories
KRC	KRC POWER STEERING	Power Steering Products
L		
LO	LUCAS OIL PRODUCTS	Performance Racing Lubricants
M		
MIC	MAHLE CLEVITE	Engine Bearings
MAH	MAHLE MOTORSPORTS	Racing Pistons
MN	MANLEY PERFORMANCE	Valvetrain Accessories

LEADING PERFORMANCE BRANDS

M		
MAX	MAXIMA RACING	Performance Racing Lubricants
ME	MELLING AUTOMOTIVE	Engine Oil Pumps and Performance Products
MI	MILODON	Oil Pans, Valve Train Accessories, Engine Components
M1	MOBIL 1	Performance Racing Lubricants
MO	MOROSO PERFORMANCE	Performance Parts and Accessories
MR	MR. GASKET	Racing Gaskets and Engine Accessories
MSD	MSD	Ignition Components and EFI Systems
N		
NGK	NGK SPARK PLUGS	Spark Plugs
SGA	NORTON ABRASIVES	Porting and Polishing Abrasives
O		
OLI	OLIVER RACING PARTS	Connecting Rods
P		
PSI	PERFORMANCE SPRINGS	Valvetrain Springs and Accessories
PFS	PETERSON FLUID SYSTEMS	Oil Tanks, Oil Pumps, and Engine Accessories
PIO	PIONEER	Engine Accessories
PM	POWERMASTER	Starters, Alternators and Mounting Kits
PRO	PRO CAM	Oil Pans, Fuel Pumps
PG	PRO GRAM ENGINEERING	Performance Main Caps
Q		
QM	QUARTER MASTER INDUSTRIES	Racing Clutches and Starters
R		
RM	ROLLMASTER	Timing Chains, Harmonic Balancers
RLM	ROLLMAC	Harmonic Balancers, Shims and Bearings
S		
SCAT	SCAT ENTERPRISES	Crankshafts and Connecting Rods
SD-20	SD-20	Cleaning Chemicals
SEA	SEALS IT	Seals
STS	SIGNAL SEALS & FASTENERS	Seals
STS	SIGNAL TECHNOLOGY SYSTEMS	Seals and O-Rings
SBP	SMITH-BROTHERS PUSHRODS	Pushrods
SCE	SPECIALTY COMPONENT ENGINEERING	Engine Gaskets
SC	STEWART COMPONENTS	Performance Water Pumps
SWT	SWEET MFG	Steering Components and Accessories
T		
TD	T & D MACHINE PRODUCTS	Rocker Arm Systems
TI	TILTON ENGINEERING	Starters and Clutches
TS	TOTAL SEAL INC.	Performance Piston Rings
TP	TREND PERFORMANCE PRODUCTS	Pushrods
TTS	TRI-TEC SEAL, INC	Seals
V		
VAL	VALCO CINCINATTI	Gasket Sealers, Thread Locker and Chemicals
W		
WIS	WISECO PISTON INC.	Engine Pistons
WIX	WIX FILTERS	Air, Fuel and Oil Filters
X		
X2	X2	Valve Train Components
XCE	XCELDYNE TECHNOLOGIES LLC.	Valve Train Components, Belt Drives and Engine Accessories
XTS	XTS TIMING SYSTEMS	Cam Drives

CONTACT YOUR CV SALES REPRESENTATIVE FOR UP-TO-DATE AVAILABILITY ON OUR LEADING PERFORMANCE BRANDS.



The ACL Group started as a management buyout company when it acquired a group of businesses from Repco LTD in 1986. The name "Automotive Components Limited" and the Trade mark "ACL" were first used by a former listed public company of that name in 1951. The "original" ACL was acquired by Repco in 1965. The Group is an amalgamation of 27 businesses over a period of 88 years.

FEATURES OF ACL RACE SERIES PERFORMANCE ENGINE BEARINGS

Precision Manufacturing

ACL Race Series performance engine bearings are manufactured to exacting tolerances with particular attention paid to wall thickness accuracy. This ensures reliable fit and helps maintain consistent clearances.

Bearing Material Enhancements

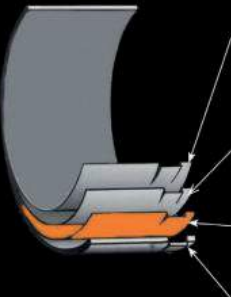
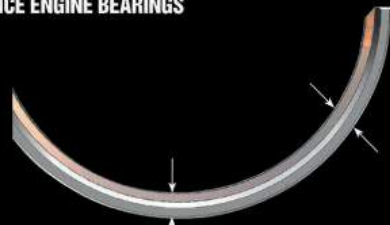
A blend of characteristics to provide high strength and excellent seizure resistance.

No flash plating is applied to further improve bearing retention and maximise heat transfer.

ACL Race Series performance engine bearings are identified from the standard range by the following suffixes:

- H** = ACL Race Series.
- HX** = ACL Race Series with 0.025mm (0.001") extra clearance.
- HD** = ACL Race Series with location dowel holes.*
- HXD** = ACL Race Series with 0.025mm (0.001") extra clearance and location dowel holes.*

*Connecting rod bearing applications only.



LAYER	ALLOY
Overlay	Lead-Tin-Copper
THICKNESS (Typical)	0.013mm * 0.018mm
*Connecting Rod Bearings Only - Reduced for increased fatigue resistance	
Seizure resistant - Low friction and deformable	
Barrier	Nickel
THICKNESS (Typical)	0.0001mm
Separation Layer	
Lining	Copper-Lead-Tin
THICKNESS (Typical)	0.3mm
Fatigue Strength - Strong yet deformable	
Steel	SAE1010 (High tensile)
THICKNESS (Typical)	Rem
High Strength - supports bearing lining	

ACL RACE SERIES PERFORMANCE ENGINE BEARINGS

The unique combination of design, metallurgy and engineering come together to deliver what drivers expect from high performance Trimetal engine bearings.

Designed to withstand higher RPM conditions, ACL Race Series Engine Bearings are available for many of the popular 4, 6 & 8 cylinder applications and feature:

- High strength overlay plate with reduced thickness for improved fatigue properties.
- Hardened steel backs on all rod bearings to improve the support of the bearing lining and assist with bearing retention in the housing.
- Increased crush for improved bearing retention.
- Elimination of flash plating on the back of the bearings to improve heat transfer through the bearings and to maximize the grip between the bearings and its housing.
- Increased eccentricity to compensate for bore distortion at high rpm and to assist in the formation of hydrodynamic oil films.
- 3/4 grooved Main Bearings to optimize bearing load carrying surface area and oil flow to the conrod bearings.
- Tight consistent wall tolerances to help you maintain consistent clearances.
- Enlarged ID chamfers on bearing edges where required to accommodate large fillet radius on performance crankshafts.

MAIN BEARINGS

PART #	DESCRIPTION
ACL4M2633H-STD	Nissan VQ35DE 3.5L V6
ACL4M2737HX-STD	Nissan V6, VG30DE/VG30DETT Race Series
ACL5M1038H-STD	Chev. V8, 400, Race Series
ACL5M1117H-20	Ford 4, 2300 Single Spark Plug
ACL5M1144H	Mitsubishi 4G63/T (6 Bolt)
ACL5M1186H-STD	Mitsubishi 4, 1997-2350cc, Race Series
ACL5M1219H	Mitsubishi 4G63/4G63T/4G64 (1997 on with T/W)
ACL5M1219HX-STD	Mitsubishi 4G63/4G63T/4G64 (1997 on with T/W)
ACL5M1857-STD	Toyota 4, 1796cc 2ZZGE, 2000-0 n
ACL5M1913H-STD	Honda F20C / F22C 2.0L/2.2L Inline 4
ACL5M1957H-STD	Honda H22A4 (97-01) 2.2L Inline 4
ACL5M1959H-STD	Honda/Acura B Series
ACL5M1959HX-STD	Acura B18C1/B18C5 VTEC 1797cc Inline 4
ACL5M1959-STD	Honda/Acura B Series
ACL5M8309H-STD	Subaru EJ16/EJ18/EJ20/EJ22/EJ25
ACL5M8309HX-STD	Subaru EJ16/EJ18/EJ20/EJ22/EJ25
ACL5M909H-STD	Chevy 262, 267, 302, 305, 307, 327, 350 ci V8
ACL5M2152HX-STD	Ford 4, 1500-1600cc OHV/Twin C
ACL5M829H-STD	Chev. V8, 396-402-427-454, Race Series
ACL5M909HX-STD	Chev. V8, 267-305-327-350, Race Series
ACL5M1010H-STD	Ford Prod. V8, 351C, Race Series
ACL5M829HX-STD	Chev. V8, 396-402-427-454, Race Series
ACL7M2394H-STD	Nissan RB25DET





ROD BEARINGS

PART #	DESCRIPTION
ACL1B1442H-STD	Ford Prod V8, 4.6L/5.4L Race Serie
ACL1B663H-STD	Chevy V8, 305-350-400, Race Series
ACL1B745H-01	Chevy V8, 265-283-302-327, Race Series
ACL1B745H-STD	Chevy V8, 265-283-302-327, Race Series
ACL4B1060H-STD	Ford 4, BD Series 1099cc to 17
ACL4B1060HX-STD	Ford 4, BD Series 1099cc to 17
ACL4B1146H-STD	Mitsubishi 4, 1597-1997cc, 197
ACL4B1185H-STD	Mitsubishi 4, 4G63/4G63T/4G64, 1992 on Race Series
ACL4B1606HX	VW/Audi 1781cc, 1984cc, 1998cc (incl. Turbo) Inline 4
ACL4B1910-STD	Honda 4, 1590cc B16A VTEC, 199 5-on
ACL4B1912H-STD	Honda 4, H22A4 2156cc Race Series
ACL4B1925H-STD	Acura 4, B18C1/C5 1797cc Race Series
ACL4B1925HX-STD	Acura 4, B18C1/C5 1797cc Race
ACL4B1925-STD	Acura B18C1/B18C5 VTEC 1797cc Inline 4
ACL4B1946H	Honda/Acura B Series EXCEPT B1
ACL4B1946H-STD	Honda B20B/B20Z 2.0L Inline 4
ACL4B1946HX-STD	Honda B20B/B20Z 2.0L Inline 4
ACL4B1946-STD	Honda B20B/B20Z 2.0L Inline 4
ACL4B1972H-STD	Acura/Honda K20A2/K24A
ACL4B603HX-STD	Ford/Lotus 1500/1600 OHV/Twin
ACL4B8296H-STD	Subaru EJ16/EJ18/EJ20/EJ22/EJ25
ACL4B8296HX-STD	Subaru 4, EJ20/EJ22/EJ25 Race Series
ACL4B8351HX-STD	Mazda 4, B6/BP/BP-T Race Serie
ACL4B943A-.25	FORD PROD 4,122 1971-74
ACL6B1490-STD	BMW 6, 2494-2693cc, 1982-96
ACL6B2630-STD	Nissan RB20DET 2.0L Inline 6
ACL6B2640H-STD	Nissan VQ35DE 3.5L V6
ACL6B2960H-STD	Nissan 6, RB25/RB26DETT Race Series
ACL4B603H-20	Ford/Lotus 1500/1600 OHV/Twin
ACL8B663H-STD	Chevy V8, 305-350-400, Race Series
ACL8B663HX-STD	Chev. V8, 305-350-400, Race Series
ACL8B745H-STD	Chevy V8, 265-283-302-327, Race Series
ACL8B745HX-STD	Chev. V8, 265-283-302-327, Race Series
ACL8B1663HX-STD	Chev. V8, Special Racing Race Series



ACL1B1442H-STD
Ford Prod V8, 4.6L/5.4L
Race Series Rod Bearings



ACL1B745H-STD
Chevy V8, 265-283-302-327,
Race Series Rod Bearings



CAM BEARINGS

PART #	DESCRIPTION
ACL5C1321S-STD	Ford Prod. V8, 289-302-351W, 1
ACL5C3346C-STD	Chevy 283, 327 ci V8
ACL5C3349C-STD	SB Large Journal (302,305,307,327,350)

THRUST WASHERS

PART #	DESCRIPTION
ACL1T113S+.005	Ford Prod. 4, 98, 1971-80
ACL1T1219STD	Mitsubishi 4, 1997-2350cc 4G63
ACL1T1957-STD	Honda/Acura 4, 1590cc, 1986-98
ACL1T2964-STD	Nissan SR20DE/DET(GTIR) (2.0L) 2.0L Inline 4
ACL1T8412-STD	Toyota 2AZFE 2.4L Inline 4
ACL2T1644	VW/Audi 1781cc, 1984cc, 1998cc (incl. Turbo) Inline 4



ACL1T1957-STD
Honda/Acura 4, 1590cc, 1986-98
Cam Bearings

ACL1T2964-STD
Nissan SR20DE/DET(GTIR) (2.0L)
2.0L Inline 4 Cam Bearings



ACCESS TO COMPLETE PRODUCT LINE AVAILABLE



AER11202



AER13101



AER13202



AER11101

FUEL PUMPS

PART #	DESCRIPTION
AER11101	A-1000 Electric Fuel Pump
AER11104	Electric, Eliminator, External, Universal
AER11106	Electric, 700hp EFI, External, Universal
AER11108	Electric, 1000hp EFI / 1300hp Carbureted Marine USCG, External, Universal
AER11109	Electric, Inline, 325gph, 45psi, 5/16" Hose Barb Inlet, Outlet, Gasoline
AER11202	Electric, A2000 Drag Race, External, Gas/Alcohol, Universal
AER11203	Electric, Street Rod, External, Gas/Alcohol, Universal



AER12301

FUEL REGULATORS

PART #	DESCRIPTION
AER13005	Regulator Rebuild Kit, for AER-13201, AER-13205, AER-13211, AER-13215, AER-13251, AER-13255, Kit
AER13101	A1000 Injected Bypass Fuel Pressure Regulator, 30-70psi, Red and Black Anodized, Universal
AER13105	Compact EFI Fuel Pressure Regulator, 30-70psi, Red and Black Anodized, Universal
AER13109	Bypass Regulators Fuel Pressure Regulator, 30-70psi, Clear and Red Anodized, Universal
AER13110	Fuel Pressure Regulator, Pro-Series 30-60psi, Nickel Plated Body, Black Anodized Cap, Universal
AER13116	Fuel Pressure Regulator, Rail Mount, 30-70psi, Billet Aluminum, Red Anodized, for use on Acura, Honda, L4
AER13201	2 port Fuel Pressure Regulator, 5-12psi, Red Anodized, Universal
AER13202	A2000 Carbureted Bypass Regulator Fuel Pressure Regulator, 3-20psi, Red and Black Anodized, Universal
AER13204	A1000 Carbureted Bypass Fuel Pressure Regulator, 3-15psi, Red and Black, Universal
AER13205	Carbureted Regulator-Adjust Regulator - 2-Port/ 3/8" NPT 5-12psi, Red and Clear Anodized, Universal
AER13208	Fuel Pressure Regulator, A2000, Pro Stock, 4-Port, Red/Black Anodized, Gas/Alcohol, Universal
AER13210	Fuel Pressure Regulator, Pro Stock, Red, Black Anodized, 1 Inlet, 2 Outlets, Gasoline, Alcohol, Universal
AER13212	A2000 Carbureted Bypass Fuel Pressure Regulator, Black Anodized, 2-Port Adjustable, 3-20psi., -10 AN, Bypass, Gas/Alcy, Universal
AER13301	Universal Bypass Regulators large image 3-65psi, Red and Black Anodized, Universal

FUEL FILTERS

PART #	DESCRIPTION
AER12301	Inline Mount, Red, 10 Microns, -10 AN Female Inlet, Outlet
AER12302	Inline Mount, Aluminum, 100 Microns, -12 AN Female Inlet, Outlet
AER12304	Inline Mount, Aluminum, 100 Microns, Stainless Steel Element Red, -10 AN Female Inlet, Outlet
AER12324	Inline Mount, Black, 100 Microns, -10 AN Female Inlet, Outlet, Alcohol, Gasoline
AER12601	Fuel Filter Element, Gasoline, Paper, 10 Micron, Replacement, Each for 12301 and 12304
AER12602	Fuel Filter Element, Alcohol, Gasoline, Stainless Steel Mesh, 100 Micron, Replacement
AER12604	Fuel Filter Element, Alcohol, Gasoline, Stainless Steel Mesh, 100 Micron, Replacement



FITTINGS

PART #	DESCRIPTION
AER15117	AN Quick Connect, Straight, -6 AN Female Threads to 5/16" OEM Fuel Line, Aluminum, Black Anodized
AER15118	AN Quick Connect, Straight, -8 AN Female Threads to 3/8" OEM Fuel Line, Aluminum, Black Anodized
AER15605	Straight, Male -6 AN to Straight Cut Male -8 AN O-Ring, Aluminum, Black
AER15606	Straight, Male -6 AN to Straight Cut Male -6 AN O-Ring, Aluminum, Black
AER15607	Straight, Male -8 AN to Straight Cut Male -8 AN O-Ring, Aluminum, Black
AER15608	Straight, Male -10 AN to Straight Cut Male -10 AN O-Ring, Aluminum, Black
AER15609	Straight, Male -6 AN to Straight Cut Male -10 AN O-Ring, Aluminum, Black
AER15610	Straight, Male -8 AN to Straight Cut Male -10 AN O-Ring, Aluminum, Black
AER15612	Straight, Male -12 AN to Straight Cut Male -12 AN O-Ring, Aluminum, Black
AER15613	Straight, Male -10 AN to Straight Cut Male -12 AN O-Ring, Aluminum, Black
AER15614	Union Reducer, Male -6 AN to Male -8 AN, Aluminum, Black
AER15616	Straight, -8 AN Male to 3/8 in. NPT Male, Aluminum, Black Anodized
AER15617	External Hex Head Port Plug, -10 AN O-Ring, Aluminum, Black Anodized
AER15626	External Hex Head Port Plug, -6 AN O-Ring, Aluminum, Black Anodized
AER15640	Coupler, Swivel, Straight, -10 AN Male to -10 AN Male, Aluminum, Black Anodized
AER15641	AN-8 cutoff to AN-10 Flare Union

FUEL CHECK VALVE

PART #	DESCRIPTION
AER15106	Black, Aluminum, -6 AN Male O-Ring to -6 AN Female O-Ring
AER15107	Black, Aluminum, -10 AN Male O-Ring to -10 AN Female O-Ring



GAUGES

PART #	DESCRIPTION
AER15632	Fuel Pressure, 0-15psi, 1-1/2", Analog, Mechanical, White Face
AER15633	Fuel Pressure, 0-100psi, 1-1/2", Analog, Mechanical, White Face



MISCELLANEOUS

PART #	DESCRIPTION
AER14201	Fuel Log, Billet Aluminum, Black, Adjustable, -10 AN Inlet, -10 AN Outlet, Holley 4150, 4500, Kit
AER15618	Slim Line Slotted Head Port Plug, -8 AN O-Ring, Aluminum, Black Anodized
AER15620	Fuel Block, Y-Type, Billet Aluminum, Black Anodized, -10 AN O-Ring Inlet, -8 AN O-Ring Outlets
AER15631	Fuel Sample Valve, Billet Aluminum, Black, 1/8" NPT Port Size



ACCESS TO COMPLETE PRODUCT LINE AVAILABLE

Aeroquip

PERFORMANCE PRODUCTS
By E.T.N.



StartLite
AQP Racing Hose and Fittings

STARTLITE™ HOSE

PART #	#	ID	OD	MIN. BURST PRESSURE	MIN. BEND RADIUS	WT. PER FT. (LBS)
AQFBU0400	#4	.22	.43	1000 psi	2.0	.05
AQFBU0600	#6	.34	.55	1000 psi	2.5	.08
AQFBU0800	#8	.44	.64	1000 psi	3.5	.11
AQFBU1000	#10	.56	.80	1000 psi	4.0	.14
AQFBU1200	#12	.69	.93	1000 psi	4.5	.16
AQFBU1600	#16	.88	1.15	1000 psi	5.5	.20
AQFBU2000	#20	1.13	1.41	1000 psi	5.5	.25

NOTE: Sold per foot

PORT & IDENTIFICATION KIT

To help mechanics, engineers and salespeople quickly and accurately identify ports and connectors used in race plumbing, Aeroquip is offering the following Port and Identification Kit. Measuring and identifying both USA and foreign threads is made easy. The kit consists of the following five components:



- 1) A unique patent-pending Caliper, featuring four angle Gauges that are built into the ID/OD measuring fingers. Angles include 37°, 45°, 12° (24° included), and 30° (60° included).
- 2) A bulletin on "How to Identify Fluid Ports & Connectors" This bulletin provides port and connectors information with inch dimensions given in both fractions and decimals. Metric dimensions are given in both millimeters and inch decimals.
- 3) A handy, compact thread Gauge, featuring 14 fold out blades with the following pitches per inch: 11, 11-1/2, 12, 14, 16, 18, 19, 20, 24, 27, and 28. Metric 1.0, 1.5, and 2.0 thread pitches are also included.
- 4) A flexible Fresnel magnifying lens (3x) for hard-to-read part #'s.
- 5) A vinyl pocket size carrying case.

Aeroquip has introduced the ProCrimp 1380 machine for the Assembly of StartLite™ hose and fittings. The ProCrimp 1380 is electronically controlled to give fast, accurate crimps each and every time you need a hose Assembly.

- User friendly operation minimizes training and mistakes
- Crimps Aeroquip StartLite™ hose
- Preset crimp and simple die cage insertion to reduce setup time and errors
- Electronic controls mean minimal maintenance
- Upright design for easy hose insertion
- Compact design requires little space



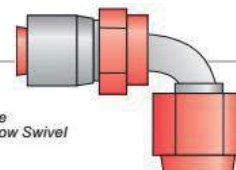
PROCRIMP® 1380

PART #	DESCRIPTION
AQFT1380-1-1	Includes machine, five die sizes #4, 6, 8, 10, 12, 16 & Instructional Video

PROCRIMP® 1380 DIE SPECIFICATIONS

PART #	DESCRIPTION
AQFT1380-275-M370	#20 Hose Die Cage

StartLite
90° Elbow Swivel



STARTLITE™ CRIMP FITTINGS SWIVEL

STRAIGHT/SWIVEL

PART #	SIZE
AQFBM4211	#4
AQFBM4212	#6
AQFBM4213	#8
AQFBM4214	#10
AQFBM4215	#12
AQFBM4216	#16
AQFBM4217	#20

45° ELBOW/SWIVEL

PART #	SIZE
AQFBM4121*	#4
AQFBM4222	#6
AQFBM4223	#8
AQFBM4224	#10
AQFBM4225	#12
AQFBM4226	#16
AQFBM4127*	#20

90° ELBOW/SWIVEL

PART #	SIZE
AQFBM4131*	#4
AQFBM4232	#6
AQFBM4233	#8
AQFBM4234	#10
AQFBM4235	#12
AQFBM4236	#16
AQFBM4137*	#20

120° ELBOW/SWIVEL

PART #	SIZE
AQFBM4141*	#4
AQFBM4242	#6
AQFBM4243	#8
AQFBM4244	#10
AQFBM4245	#12
AQFBM4246	#16

150° ELBOW/SWIVEL

PART #	SIZE
AQFBM4151	#4
AQFBM4252	#6
AQFBM4253	#8
AQFBM4254	#10
AQFBM4255	#12
AQFBM4256	#16

180° ELBOW/SWIVEL

PART #	SIZE
AQFBM4263	#8
AQFBM4264	#10
AQFBM4265	#12

* Non Swivel Fitting

NOTE: All Startlite fittings listed above require 37° male Adapters.

The bench Mounted Cut Off Tool is available for the production of StartLite hose assemblies. It allows you to cut your hose to the exact length that you need, eliminating unnecessary weight associated with long hoses. This tool is efficient and is very simple to use.



CUT OFF TOOL

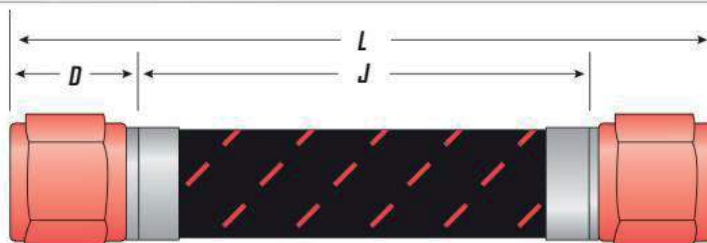
PART #	DESCRIPTION
AQFT1258	Cut Off Tool for StartLite Hose Assemblies



A specially compounded lubricant, the **Hose Assembly Lube** is superior to any other lubricant used in hose Assembly work. Available in pint containers. Use for either hand or machine Assembly.

HOSE ASSEMBLY LUBE

AQFBM3553 Lube (16 oz.)



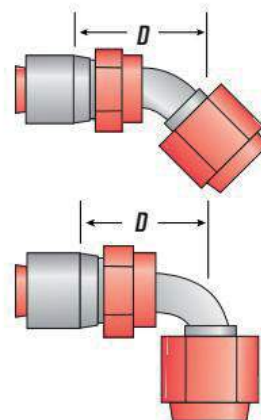
L-OVERALL LENGTH J-CUT LENGTH OF HOSE D-FITTING LENGTH



AQP RACING HOSE

PART #	#	ID	OD	MAX. OPER. PRESSURE	MIN. BURST PRESSURE	MIN. BEND RADIUS	WT. PER FT. (LBS)
AQFBA0400	#4	.22	.44	1000	6000	2.00	.11
AQFBA0600	#6	.34	.55	1000	6000	2.50	.16
AQFBA0800	#8	.44	.65	1000	5000	3.50	.17
AQFBA1000	#10	.56	.80	1000	5000	4.00	.21
AQFBA1200	#12	.69	.94	1000	4000	4.50	.29
AQFBA1600	#16	.88	1.15	750	3000	5.50	.38
AQFBA2000	#20	1.13	1.41	500	2000	8.00	.49
AQFBA2400	#24	1.34	1.70	50	200	9.00	.80
AQFBA3200	#32	1.75	2.09	50	200	12.50	.98

NOTE: Sold per foot



REUSABLE ALUMINIUM HOSE ENDS

STRAIGHT/SWIVEL

PART #	SIZE	DESCRIPTION
AQFBM1011*	#4	Straight Hose End
AQFBM1012	#6	Straight Hose End
AQFBM1013	#8	Straight Hose End
AQFBM1014	#10	Straight Hose End
AQFBM1015	#12	Straight Hose End
AQFBM1016	#16	Straight Hose End
AQFBM1017	#20	Straight Hose End

30° SWIVEL

PART #	SIZE	DESCRIPTION
AQFBM4072	#6	30° Hose End
AQFBM4073	#8	30° Hose End
AQFBM4074	#10	30° Hose End
AQFBM4075	#12	30° Hose End
AQFBM4076	#16	30° Hose End

45° NON-SWIVEL

PART #	SIZE	DESCRIPTION
AQFBM1021*	#4	45° Hose End
AQFBM1022	#6	45° Hose End
AQFBM1023	#8	45° Hose End
AQFBM1024	#10	45° Hose End
AQFBM1025	#12	45° Hose End
AQFBM1026	#16	45° Hose End
AQFBM1027	#20	45° Hose End

45° SWIVEL

PART #	SIZE	DESCRIPTION
AQFBM4022	#6	45° Hose End
AQFBM4023	#8	45° Hose End
AQFBM4024	#10	45° Hose End
AQFBM4025	#12	45° Hose End
AQFBM4026	#16	45° Hose End

60° SWIVEL

PART #	SIZE	DESCRIPTION
AQFBM4082	#6	60° Hose End
AQFBM4083	#8	60° Hose End
AQFBM4084	#10	60° Hose End
AQFBM4085	#12	60° Hose End
AQFBM4086	#16	60° Hose End

90° SWIVEL

PART #	SIZE	DESCRIPTION
AQFBM4032	#6	90° Hose End
AQFBM4033	#8	90° Hose End
AQFBM4034	#10	90° Hose End
AQFBM4035	#12	90° Hose End
AQFBM4036	#16	90° Hose End

90° NON-SWIVEL

PART #	SIZE	DESCRIPTION
AQFBM1031*	#4	90° Hose End
AQFBM1032	#6	90° Hose End
AQFBM1033	#8	90° Hose End
AQFBM1034	#10	90° Hose End
AQFBM1035	#12	90° Hose End
AQFBM1036	#16	90° Hose End
AQFBM1037	#20	90° Hose End

120° SWIVEL

PART #	SIZE	DESCRIPTION
AQFBM4042	#6	120° Hose End
AQFBM4043	#8	120° Hose End
AQFBM4044	#10	120° Hose End
AQFBM4045	#12	120° Hose End
AQFBM4046	#16	120° Hose End

120° NON-SWIVEL

PART #	SIZE	DESCRIPTION
AQFBM1042	#6	120° Hose End
AQFBM1043	#8	120° Hose End
AQFBM1044	#10	120° Hose End
AQFBM1045	#12	120° Hose End
AQFBM1047	#20	120° Hose End

150° SWIVEL

PART #	SIZE	DESCRIPTION
AQFBM4052	#6	150° Hose End
AQFBM4053	#8	150° Hose End
AQFBM4054	#10	150° Hose End
AQFBM4055	#12	150° Hose End
AQFBM4056	#16	150° Hose End

150° NON-SWIVEL

PART #	SIZE	DESCRIPTION
AQFBM1052	#6	150° Hose End
AQFBM1053	#8	150° Hose End
AQFBM1054	#10	150° Hose End
AQFBM1055	#12	150° Hose End

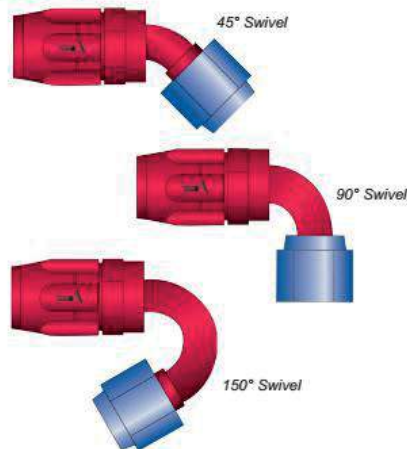
180° SWIVEL

PART #	SIZE	DESCRIPTION
AQFBM4062	#6	180° Hose End
AQFBM4063	#8	180° Hose End
AQFBM4064	#10	180° Hose End
AQFBM4065	#12	180° Hose End
AQFBM4066	#16	180° Hose End

180° NON-SWIVEL

PART #	SIZE	DESCRIPTION
AQFBM1062	#6	180° Hose End
AQFBM1063	#8	180° Hose End
AQFBM1064	#10	180° Hose End
AQFBM1065	#12	180° Hose End

* Steel Fitting





AQFBM4022
Straight/Swivel

Aeroquip's new complete line of electroless Nickel Plated Fittings provide a lightweight, low-cost alternative to higher priced, heavy stainless Steel components. The Aeroquip nickel-plated fittings are ideal for applications requiring superior corrosion resistance and a neutral color yet showy appearance.

NICKEL-PLATED REUSABLE ALUMINIUM HOSE ENDS

STRAIGHT/SWIVEL

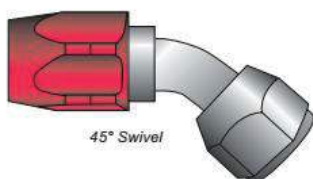
PART #	SIZE	DESCRIPTION
AQFBE1012	#6	Straight Hose End
AQFBE1013	#8	Straight Hose End
AQFBE1014	#10	Straight Hose End
AQFBE1015	#12	Straight Hose End

45° SWIVEL

PART #	SIZE	DESCRIPTION
AQFBE4022	#6	45° Hose End
AQFBE4023	#8	45° Hose End
AQFBE4024	#10	45° Hose End
AQFBE4025	#12	45° Hose End

90° SWIVEL

PART #	SIZE	DESCRIPTION
AQFBE4032	#6	90° Hose End
AQFBE4033	#8	90° Hose End
AQFBE4034	#10	90° Hose End
AQFBE4035	#12	90° Hose End



45° Swivel

REUSABLE STEEL HOSE ENDS

STRAIGHT/SWIVEL

PART #	SIZE	DESCRIPTION
AQFBM1011	#4	Hose End
AQFBM1075	#6	Hose End
AQFBM1076	#8	Hose End

45° SWIVEL

PART #	SIZE	DESCRIPTION
AQFBM1021	#4	45° Hose End
AQFBM1079	#6	45° Hose End
AQFBM1080	#8	45° Hose End

90° SWIVEL

PART #	SIZE	DESCRIPTION
AQFBM1031	#4	90° Hose End
AQFBM1083	#6	90° Hose End
AQFBM1084	#8	90° Hose End

The AQFBM3632 Hand-held Assembly Tool is designed for quick and easy Assembly of FBV SocketLESS™ Hose #4, #6, & #8. The hose is held in position by a manually operated clamp and the fitting is positioned on the mandrel Assembly lever. The SocketLESS™ fitting is pushed into the hose by compressing the mandrel Assembly lever.



SOCKETLESS FITTING ASSEMBLY TOOL

PART #	DESCRIPTION
AQFBM3632	Hand-Held Socketless Fitting Assembly Tool

The Aluminum Male Pipe Swivel Fittings are ideal for application where space is tight and a swivel fitting is required. Utilizing the proven Aeroquip swivel design, the tapered pipe thread rotates independent of the hose for easy installation.



45° Swivel



90° Swivel

ALUMINIUM REUSABLE ORB O-RING (45° SWIVEL)

STRAIGHT/SWIVEL

PART #	SIZE	DESCRIPTION
AQFBM1348	#8	9/16"-18
AQFBM1349	#8	3/4"-16
AQFBM1350	#10	11/16"-12
AQFBM1351	#10	7/8"-14
AQFBM1352	#12	7/8"-14
AQFBM1353	#12	11/16"-1

ALUMINIUM REUSABLE ORB O-RING (90° SWIVEL)

STRAIGHT/SWIVEL

PART #	SIZE	DESCRIPTION
AQFBM1355	#8	9/16"-18
AQFBM1357	#10	11/16"-12
AQFBM1358	#10	7/8"-14
AQFBM1359	#12	7/8"-14
AQFBM1360	#12	11/16"-12

ALUMINIUM MALE PIPE (90° SWIVEL)

STRAIGHT/SWIVEL

PART #	SIZE	DESCRIPTION
AQFBM1343	#6	3/8" NPT
AQFBM1344	#8	1/2" NPT
AQFBM1345	#12	3/4" NPT

Firesleeve hose flame shield can prevent or delay burning of hose lines. For other hose Styles, select firesleeve with an I.D. slightly larger than the hose O.D.

FIRESLEEVE

STRAIGHT/SWIVEL

PART #	DESCRIPTION
AQFBS0700	0.44" I.D.
AQFBS0800	0.50" I.D.
AQFBS0900	0.56" I.D.
AQFBS1000	0.62" I.D.
AQFBS1100	0.69" I.D.
AQFBS1200	0.75" I.D.
AQFBS1300	0.81" I.D.
AQFBS1400	0.88" I.D.
AQFBS1600	1.00" I.D.
AQFBS1800	1.12" I.D.
AQFBS2000	1.25" I.D.
AQFBS2200	1.38" I.D.
AQFBS2400	1.50" I.D.

NOTE: Part #'s have no relation to AQP hose sizes. Please use Firesleeve ID listed above when making selections.



These Vise-Jaw Inserts are a must for race teams, engine builders and street rodders. Keep your Aeroquip fittings looking good even after Assembly, without marring the anodized finish. A horizontal pocket the length of the inserts is ideal for securely holding Steel braided hose in place, making straight cuts fast and simple. Made of Aluminum with angled pockets, the inserts can be used with any size fitting from #3 - #32.

WISE-JAW INSERTS

PART #	DESCRIPTION
AQFCM3661	Vise Insert





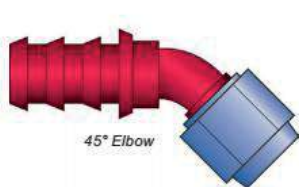
AQP SOCKETLESS™ PERFORMANCE HOSE

BLUE	BLACK	#	ID	OD	MAX. OPER. PRESSURE	MIN. BEND RADIUS
AQFBV0400	-	#4	.25	.49	250	3.00
AQFBV0600	AQFBN0600	#6	.38	.62	250	3.00
AQFBV0800	AQFBN0800	#8	.50	.75	250	5.00
AQFBV1000	AQFBN1000	#10	.63	.91	250	6.00
AQFBV1200	AQFBN1200	#12	.75	1.03	250	7.00

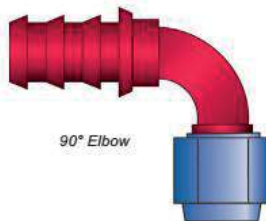
NOTE: Sold per foot



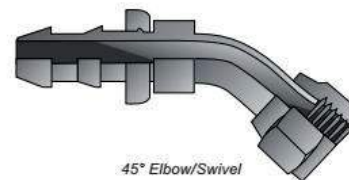
Straight Male Inverted Flare



45° Elbow



90° Elbow



45° Elbow/Swivel

ALUMINUM SOCKETLESS™ PERFORMANCE FITTINGS NON-SWIVEL

STRAIGHT

PART #	SIZE
AQFBM1512	#6
AQFBM1513	#8
AQFBM1514	#10
AQFBM1515	#12

120° ELBOW

PART #	SIZE
AQFBM1542	#6
AQFBM1543	#8
AQFBM1544	#10
AQFBM1545	#12

45° ELBOW

PART #	SIZE
AQFBM1522	#6
AQFBM1523	#8
AQFBM1524	#10
AQFBM1525	#12

150° ELBOW

PART #	SIZE
AQFBM1552	#6
AQFBM1553	#8
AQFBM1554	#10
AQFBM1555	#12

90° ELBOW

PART #	SIZE
AQFBM1532	#6
AQFBM1533	#8
AQFBM1534	#10
AQFBM1535	#12

180° ELBOW

PART #	SIZE
AQFBM1562	#6
AQFBM1563	#8
AQFBM1564	#10
AQFBM1565	#12



AQFBE1512



AQFBE1522

NICKEL-PLATED SOCKETLESS™ FITTINGS

STRAIGHT

PART #	SIZE
AQFBE1512	#6
AQFBE1513	#8
AQFBE1514	#10
AQFBE1515	#12

45° ELBOW

PART #	SIZE
AQFBE1522	#6
AQFBE1523	#8
AQFBE1524	#10
AQFBE1525	#12

90° ELBOW

PART #	SIZE
AQFBE1532	#6
AQFBE1533	#8
AQFBE1534	#10
AQFBE1535	#12

SOCKETLESS™ PERFORMANCE FITTINGS BRASS & STEEL

STRAIGHT (SAE 37°) SWIVEL (BRASS)

PART #	SIZE
AQFBM1231	#4
AQFBM1222	#6
AQFBM1233	#8
AQFBM1234	#10
AQFBM1225	#12

STRAIGHT MALE PIPE (BRASS)

PART #	SIZE	DESCRIPTION
AQFBM1200	#4	1/8"
AQFBM1201	#4	1/4"
AQFBM1207	#6	1/4"
AQFBM1202	#6	3/8"
AQFBM1203	#8	1/2"
AQFBM1204	#10	1/2"
AQFBM1205	#12	3/4"
AQFBM1206	#8	3/8"

STRAIGHT (SAE 37°) MALE FLARE (BRASS)

PART #	SIZE
AQFBM1444	#4
AQFBM1445	#6

STRAIGHT (SAE) MALE INVERTED FLARE (BRASS)

PART #	SIZE
AQFBM1211	#4
AQFBM1212	#6
AQFBM1213	#8
AQFBM1214	#10

45° ELBOW/SWIVEL (STEEL) (SAE 37°)

PART #	SIZE
AQFBM1438	#4
AQFBM1440	#8
AQFBM1439	#6

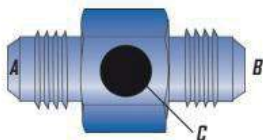
90° ELBOW/SWIVEL (STEEL) (SAE 37°)

PART #	SIZE
AQFBM1441	#4
AQFBM1443	#8
AQFBM1442	#6



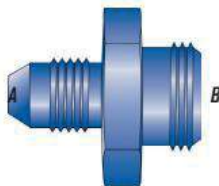
ALUMINUM & STEEL CARBURETOR ADAPTERS

PART #	SIZE	DESCRIPTION
AQFBM2113	#6	Holley Single Feed 600-660 Series, 4010/4011 Series & all two-barrel series w/ 9/16-24 thread
AQFBM2114	#6	Holley Dual Feed 750 through Dominator 4500 Series & Quadrajets up to 1974 w/ 7/8-20 thread
AQFBM2961	#8	Holley Dual Feed 750 through Dominator 4500 Series & Quadrajets up to 1974 w/ 7/8-20 thread, Steel only
AQFBM2110	#8	Holley Dual Feed 750 through Dominator 4500 Series & Quadrajets up to 1974 w/ 7/8-20 thread
AQFBM2193	#6	Holley Dual Feed 750 through Dominator 4500 Series & Quadrajets up to 1974 w/ 7/8-20 thread
AQFBM2192	#8	Holley Dual Feed 750 through Dominator 4500 Series & Quadrajets up to 1974 w/ 7/8-20 thread
AQFBM2247	#6	Demon carburetors or applications with 9/16-24 thread and -06 female swivel
AQFBM2248	#8	Demon carburetors or applications with 9/16-24 thread and -08 female swivel
AQFBM2249	#8	Demon carburetors or applications with 9/16-24 thread and -08 female swivel



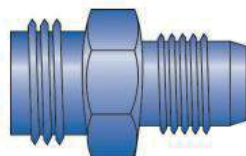
ALUMINUM IN-LINE FUEL PRESSURE ADAPTERS

PART #	A	B	C
AQFBM2183	#6	#6	1/8"
AQFBM2184	#8	#8	1/8"



37° MALE FLARE TO 42° INVERTED FLARE

PART #	A	B	LENGTH (IN)
AQFBM2181	#3	1/2-20	1.07
AQFBM2182	#4	1/2-20	1.14

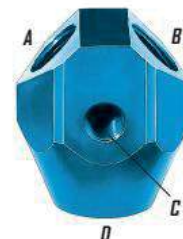


AQFBM2108

ALUMINUM FUEL PUMP ADAPTERS

90° ELBOW/SWIVEL (STEEL) (SAE 37°)

PART #	SIZE	DESCRIPTION
AQFBM2108	#6	Inverted Flare w/ 5/8"-18thread
AQFBM2111	#6	Inverted Flare w/ 1/2"-20thread
AQFBM2185	#10	3/8" Male Pipe to Flare for Holley Electric Fuel Pumps



FUEL BLOCKS

90° ELBOW/SWIVEL (STEEL) (SAE 37°)

PART #	A	B	C	D
AQFBM2178	1/4"	1/4"	1/8"	3/8"
AQFBM2179	3/8"	3/8"	1/8"	1/2"



AQFBM1066

ALUMINUM BANJO FITTINGS

90° ELBOW/SWIVEL (STEEL) (SAE 37°)

PART #	SIZE	DESCRIPTION
AQFBM1066	#6	Holley Single Feed 600-660 Series and all two barrel series w/9/16-24 thread
AQFBM1067	#6	Weber bowls w/12mm x 1.5 thread
AQFBM1068	#6	Multiple carb application Weber 12 mm x 1.5 thread
AQFBM1069	#6	Multiple carb application Holley 600-660 Series w/9/16-24 thread
AQFBM1070	#6	Solex Carburetors w/12mm x 1.25 thread

1/2" Dual Feed Holley Carburetor Assembly
AQFCP0134

1/2" DUAL FEED HOLLEY CARBURETOR ASSEMBLY

PART #	CARB. APP.	DISTANCE B/T BOWL FITTINGS	#
AQFCP0134	800 & 850 CFM Holley	9.25"	#8

Dual Feed Carburetor Assembly
AQFCP0101 or AQFCP0102

DUAL FEED HOLLEY CARBURETOR ASSEMBLY

PART #	CARB. APP.	DISTANCE B/T BOWL FITTINGS	#
AQFCP0101	800 & 850 CFM Holley	9.25"	#6
AQFCP0102	600 & 650 CFM Holley	8.62"	#6

Holley 4010/4011 Carburetor Assembly
AQFCP0129

HOLLEY 4010/4011 CARBURETOR ASSEMBLY

PART #	CARB. APP.	DISTANCE B/T BOWL FITTINGS	#
AQFCP0129	4010/4011 Holley	8.25"	#6



TFE Racing Hose

BRAKE HOSE TFE

PART #	#	ID	OD	MAX. OPER. PRESSURE	MIN BEND RADIUS
AQFBC0300	#3	.13	.25	3000	1.50
AQFBC0400	#4	.19	.30	3000	2.00
AQFBC0600	#6	.32	.43	2500	4.00
AQFBC0800	#8	.42	.54	2000	5.25

Applications: Brake, Transmission, Clutch, Gauge, and Nitrous.
NOTE: Sold per foot

REUSABLE STEEL FITTINGS

STRAIGHT MALE PIPE

PART #	SIZE	DESCRIPTION
AQFBM3088	#4	1/8" pipe
AQFBM3089	#4	1/4" pipe

STRAIGHT/SWIVEL

PART #	SIZE
AQFBM1100	#3
AQFBM1101	#4

45° TUBE ELBOW NON-SWIVEL

PART #	SIZE
AQFBM1110	#3
AQFBM1111	#4
AQFBM1112	#6

90° TUBE ELBOW NON-SWIVEL

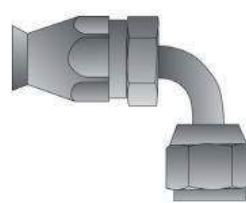
PART #	SIZE
AQFBM1120	#3
AQFBM1121	#4

STRAIGHT 10MM BANJO

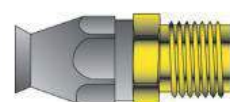
PART #	SIZE
AQFBM3091	#3

17° ELBOW 10MM BANJO

PART #	SIZE
AQFBM3092	#3



AQFBM1120 90° Tube Elbow-swivel



AQFBM3088 Straight Male Pipe



AQFBM1126 Straight Steel 45° Elbow

AQFBM1128 Straight Steel 90° Elbow

STEEL CRIMP FITTINGS

STRAIGHT

PART #	SIZE
AQFBM1124	#3
AQFBM1125	#4

45° STEEL CRIMP ELBOW

PART #	SIZE
AQFBM1126	#3
AQFBM1127	#4

90° STEEL CRIMP ELBOW

PART #	SIZE
AQFBM1128	#3
AQFBM1129	#4



AQFBM1140 Forged Adjustable 45° Elbow

REUSABLE STAINLESS FITTINGS

STRAIGHT SWIVEL

PART #	SIZE
AQFBM1130	#3
AQFBM1102	#4

45° FORGED ADJUSTABLE ELBOW

PART #	SIZE
AQFBM1140	#3
AQFBM1146	#4

90° FORGED ADJUSTABLE ELBOW

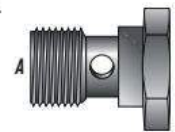
PART #	SIZE
AQFBM1150	#3
AQFBM1151	#4

SAE BANJO BOLT-BRAKE ADAPTERS

PART #	A	CRUSHWASHER #
AQFBM2921**	3/8"-24	AQFBM3642
AQFBM2922**	7/16"-20	AQFBM3513

**Two crushwashers are required.

NOTE: (1/PKG)



SAE 37° FLARE TO BANJO-BRAKE ADAPTERS

PART #	A	B
AQFBM2949	#3	3/8" Banjo
AQFBM2938	#4	3/8" Banjo
AQFBM2939	#3	7/16" Banjo
AQFBM2940	#4	7/16" Banjo

NOTE: (2/PKG)



METRO BANJO BRAKE ADAPTERS

37° MALE FLARE TO METRIC BANJO

PART #	SIZE	DESCRIPTION
AQFBM2947	#3	10mm
AQFBM2948	#4	10mm

NOTE: (2/PKG)



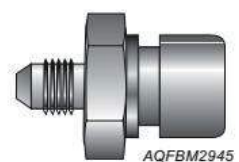
AQFBM2923

METRIC BANJO BOLT

PART #	DESCRIPTION
AQFBM2923**	10mm x 1.25 use AQFBM3642 Crushwasher

**Two crushwashers are included.

NOTE: (1/PKG)



AQFBM2945

METRIC BRAKE ADAPTERS

37° MALE FLARE TO METRIC FLARE

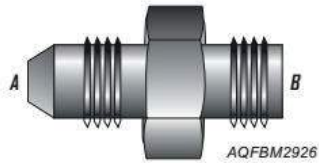
PART #	SIZE	DESCRIPTION
AQFBM2941	#3	10mm x 1
AQFBM2942	#3	10mm x 1.25
AQFBM2943	#4	10mm x 1
AQFBM2944	#4	10mm x 1.25

NOTE: (2/PKG)

37° MALE FLARE TO FEMALE METRIC FLARE

PART #	DESCRIPTION
AQFBM2945	#3 10mm x 1
AQFBM2946	#4 10mm x 1

NOTE: (2/PKG)



AQFBM2926

INVERTED FLARE BRAKE ADAPTERS

37° MALE FLARE TO 42°

PART #	SIZE	DESCRIPTION
AQFBM2926	#3	3/8" - 24
AQFBM2927	#4	3/8" - 24
AQFBM2928*	#3	3/8" - 24
AQFBM2929	#3	7/16" - 24
AQFBM2930	#4	7/16" - 24
AQFBM2931	#4	1/2" - 20

NOTE: (2/PKG)

37° MALE FLARE TO FEMALE INVERTED FLARE TEE

PART #	SIZE	DESCRIPTION
AQFBM2909	#3	3/8" - 24
AQFBM2910	#4	3/8" - 24

NOTE: (1/PKG)

37° MALE FLARE TO 42° MALE INVERTED FLARE

PART #	SIZE	DESCRIPTION
AQFBM2932	#3	3/8" - 24
AQFBM2933	#4	3/8" - 24
AQFBM2934	#3	7/16" - 24
AQFBM2935	#4	7/16" - 24

NOTE: (2/PKG)

37° MALE FLARE TO 30° INVERTED FLARE

PART #	SIZE	DESCRIPTION
AQFBM2950	#4	7/16" - 20
AQFBM2925	#4	7/16" - 20

NOTE: (2/PKG)

37° MALE FLARE TO FEMALE

PART #	SIZE	DESCRIPTION
AQFBM2936	#3	3/8" - 24
AQFBM2937	#4	3/8" - 24

NOTE: (2/PKG)

* This part has small hex.

REUSABLE STEEL HOSE ENDS

STRAIGHT/SWIVEL (SAE 37°)

PART #	SIZE
AQFBM1103	#6
AQFBM1104	#8

45° ELBOW (SAE 37°)

PART #	SIZE
AQFBM1112	#6
AQFBM1113**	#8

90° ELBOW (SAE 37°)

PART #	SIZE
AQFBM1122	#6
AQFBM1123**	#8

STRAIGHT/SWIVEL (SAE 45°)

PART #	SIZE
AQFBM1134	#6
AQFBM1135	#8

45° ELBOW (SAE 45°)

PART #	SIZE
AQFBM1114	#6
AQFBM1113**	#8

90° ELBOW (SAE 45°)

PART #	SIZE
AQFBM1136	#6
AQFBM1123**	#8

STRAIGHT MALE (SAE)

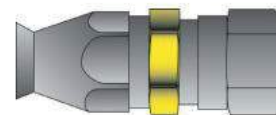
PART #	SIZE	DESCRIPTION
AQFBM1137	#6	#5 Fitting
AQFBM1138	#6	#6 Fitting
AQFBM1139	#8	#8 Fitting

45° ELBOW MALE INVERTED FLARE (SAE)

PART #	SIZE	DESCRIPTION
AQFBM1155	#6	#5 Fitting
AQFBM1141	#6	#6 Fitting
AQFBM1142	#8	#8 Fitting

90° ELBOW MALE INVERTED FLARE (SAE)

PART #	SIZE	DESCRIPTION
AQFBM1143	#6	#5 Fitting
AQFBM1144	#6	#6 Fitting
AQFBM1145	#8	#8 Fitting

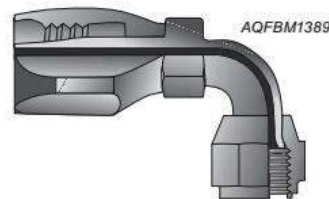
AQFBM1103
Straight / Swivel

AQP® POWER STEERING HOSE is a high pressure hose for power steering lines, hydraulics, air, gasoline, fuel, and lubricating oil applications. It has a blue abrasion resistant fabric cover and a patented AQP® synthetic rubber tube. It uses standar Aeroquip reusable fittings.

AQP® POWER STEERING HOSE

BLUE	#	ID	OD	MAX. OPER. PRESSURE	MIN. BEND RADIUS
AQFBG0600	#6	.31	.67	2250	4.00
AQFBG0800	#8	.41	.77	2000	4.62
AQFBG1000	#10	.50	.92	1750	5.50
AQFBG1200	#12	.62	1.08	1500	6.50

NOTE: Sold per foot



AQFBM1389

REUSABLE STEEL FITTINGS

STRAIGHT SWIVEL (SAE 37°)

PART #	SIZE	DESCRIPTION
AQFBM1302	#6	straight 9/16"-18
AQFBM1305	#8	straight 3/4"-16
AQFBM1307	#10	straight 7/8"-14
AQFBM1310	#12	straight 1 1/16"-12

45° ELBOW SWIVEL (SAE 37°)

PART #	SIZE	DESCRIPTION
AQFBM1386	#6	45° Fitting 9/16"-18
AQFBM1384	#8	45° Fitting 3/4"-16
AQFBM1338	#10	45° Fitting 7/8"-14
AQFBM1339	#12	45° Fitting 1 1/16"-12

90° ELBOW SWIVEL (SAE 37°)

PART #	SIZE	DESCRIPTION
AQFBM1389	#6	90° Fitting 9/16"-18
AQFBM1387	#8	90° Fitting 3/4"-16
AQFBM1374	#10	90° Fitting 7/8"-14
AQFBM1376	#12	90° Fitting 1 1/16"-12

STRAIGHT MALE INVERTED FLARE (SAE)

PART #	SIZE	DESCRIPTION
AQFBM1363	#6	straight 5/8"-18
AQFBM1365	#8	straight 3/4"-18

45° ELBOW MALE INVERTED FLARE (SAE)

PART #	SIZE	DESCRIPTION
AQFBM1382	#6	45° Fitting 5/8"-18
AQFBM1383	#8	45° Fitting 3/4"-18

90° ELBOW MALE INVERTED FLARE (SAE)

PART #	SIZE	DESCRIPTION
AQFBM1392	#6	90° Fitting 5/8"-18
AQFBM1394	#8	90° Fitting 3/4"-18

**Universal nut mates w/ both 45° SAE and 37° AN connections.



The primary feature of the **PRESSURE SENSING QUICK DISCONNECT COUPLINGS** is the self-sealing valves in both halves, allowing connection and disconnection with minimal fluid loss and virtually no air inclusion. These fittings are ideal for gauge, diagnostic, wing and chassis adjustment applications. The AQFBM3081 & AQFBM3083 couplings are ideal for use to meet NHRA fuel check requirements. Male half Mounts in fuel line. Ideal for use with AQFBM2178, AQFBM2179, AQFBM2183, and AQFBM2184.

PRESSURE SENSING QUICK DISCONNECT COUPLINGS (including fuel check couplings)

PART #	THREAD SIZE	DESCRIPTION	BODY SIZE	COUPLING OPER. PRESS.	MAXIMUM [CC MAX.]	AIR INCLUSION [CC MAX.]	FLUID LOSS LENGTH
AQFBM3081*	1/8" - 27	Female Coupling to Female Pipe	1/4"	7000 psi	.02	.1	1.95
AQFBM3082	1/4" - 18	Female Coupling to Female Pipe	1/4"	7000 psi	.02	.1	2.25
AQFBM3083*	1/8" - 27	Male Coupling to Male Pipe	1/4"	7000 psi	.02	.1	1.60
AQFBM3084	1/4" - 18	Male Coupling to Male Pipe	1/4"	7000 psi	.02	.1	1.49
AQFBM3085	1/8" - 27	Male Coupling to Female Pipe	1/4"	7000 psi	.02	.1	1.70
AQFBM3086	1/4" - 18	Male Coupling to Female Pipe	1/4"	7000 psi	.02	.1	1.90
AQFBM3087	-	Male Coupling - Dust Cap	1/4"	-	-	-	-

* Ideal for use to meet NHRA fuel check requirements.



Working Pressure: 250 psi
 Burst Pressure: 1000 psi
 Vacuum: 28 in/HG
 Seal Material: EPR
 Thread: 1/2" NPTF
 Proof Pressure: 500 psi (unconnected)
 Temperature: -40°F to +250°F
 Maximum Flow: 12 GPM
 Weight: 1.60 oz.

The male **QUICK DISCONNECT RADIATOR/COOLING REFILL COUPLING** is made of Aluminum and weighs only 1.60 oz. The result is a 54% reduction in weight compared to the traditional 3.49 oz. Steel male coupling half. The AQFBM1153 coupling allows for quick filling of the radiator/cooling system under pressure less than 250psi. Versatile 1/2" female pipe thread connection.

QUICK DISCONNECT RADIATOR/COOLING REFILL COUPLING

PART #	DESCRIPTION
AQFBM1153	Male Lightweight Coupling
AQFBM3113	Female Steel Coupling
AQFBM3114	Female Alum. Quick Connect

TECH TIP

The Pressure Sensing Quick Disconnect Couplings are ideal for use on Tilton hydraulic release bearings.

HYDRAULIC BRAKE COUPLINGS seal themselves to allow the removal of brake or clutch lines and reinstallation without the need to bleed the lines. Both ends have -04 S.A.E. 37° (JIC/AN) threads.

HYDRAULIC BRAKE COUPLINGS

PART #	#	MAX. OPER. PRESSURE	AIR INC. [CC MAX.]	FLUID LOSS [CC MAX.]	LENGTH	SEAL MATERIAL
AQFBM3079	#4	3000 psi	.10	.05	3.52"	EPR



PUSH-PULL SELF-SEALING COUPLINGS

are ideal for most hydraulic and fluid applications requiring a quick connect/disconnect coupling. The coupling bodies are constructed of high quality plated Steel. Coupling uses Buna-N seals.

NOTE: Not recommended for brake system applications.

HYDRAULIC COUPLING

PART #	PIPE THREAD	MAX. OPER. PRESS.	AIR INCLUSION [CC MAX.]	FLUID LOSS [CC MAX.]	RATED FLOW [GPM]	COUPLED LENGTH	VACUUM SERVICE [IN/HG]
AQFBM3011	1/4" - 18	5000	.5	.5	1	2.53	28
AQFBM3012	3/8" - 18	4000	1.5	1.3	6	2.80	28
AQFBM3013	1/2" - 14	4000	2.8	2.8	12	3.78	28
AQFBM3015	3/4" - 14	4000	10.0	8.2	28	4.56	28
AQFBM3016	1" - 11.5	4000	14.2	14.2	50	5.54	28



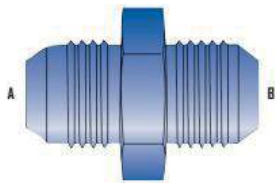
This **QUICK DISCONNECT COUPLING** allows rapid connection/disconnection of brake or clutch lines without fluid loss, air inclusion and the need to bleed the line. The Coupling also includes a safety clip on lanyard to prevent accidental disconnection. Available with #3 or #4 S.A.E. 37° (JIC/AN) threads. Male half includes jam nut for bulkhead mounting. Temperature range -40°F to +250°F. For use with non-petroleum brake fluids.

QUICK DISCONNECT HYDRAULIC BRAKE & CLUTCH COUPLING

PART #	#	MAX. OPER. PRESS.	AIR INCLUSION [CC MAX.]	FLUID LOSS [CC MAX.]	LENGTH	TOTAL WT.	SEAL MATERIAL
AQFBM1073	#3	3000	.02	.10	4.10	.34	EPR
AQFBM1074	#4	3000	.02	.10	4.25	.36	EPR

QUICK DISCONNECT BRAKE/CLUTCH REPLACEMENT PARTS

PART #	#	DESCRIPTION
AQFBM1115	#3	Male Half (BulkHead Mount)
AQFBM1116	#4	Male Half (BulkHead Mount)
AQFBM1117	#3	Female Half
AQFBM1118	#4	Female Half



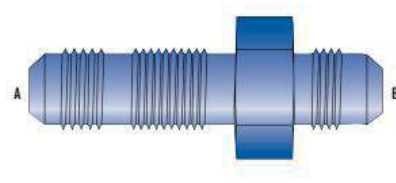
FLARE UNION

ALUMINUM	STEEL	A	B
AQFBM2050	AQFBM2750	#3	#3
AQFBM2051	AQFBM2751	#4	#4
-	AQFBM2753	#5	#5
AQFBM2052	AQFBM2756	#6	#6
AQFBM2053	AQFBM2759	#8	#8
AQFBM2054	AQFBM2761	#10	#10
AQFBM2055	AQFBM2763	#12	#12
AQFBM2056	AQFBM2765	#16	#16
-	AQFBM2766	#20	#20



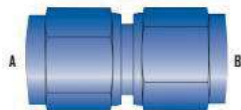
D-RING BOSS TO MALE 37°

ALUMINUM	STEEL	A	B
AQFBM2953	AQFBM2957	#10	#10
AQFBM2954	AQFBM2958	#10	#12
AQFBM2955	AQFBM2959	#12	#12
AQFBM2956	AQFBM2960	#12	#16



BULKHEAD UNION

ALUMINUM	STEEL	A	B
AQFBM2769	AQFBM2770	#3	#3
AQFBM2071	AQFBM2771	#4	#4
-	AQFBM2772	#4	#6
-	AQFBM2773	#5	#5
AQFBM2072	AQFBM2774	#6	#6
AQFBM2073	AQFBM2775	#8	#8
AQFBM2074	AQFBM2776	#10	#10
AQFBM2075	AQFBM2777	#12	#12
AQFBM2076	AQFBM2778	#16	#16
-	AQFBM2779	#20	#20



FEMALE FLARE SWIVEL

ALUMINUM	A	B
AQFBM2914	#4	#4
AQFBM2915	#6	#6
AQFBM2916	#8	#8
AQFBM2917	#10	#10
AQFBM2918	#12	#12



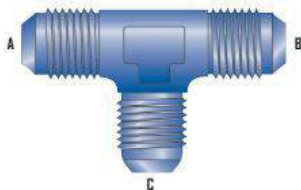
BULKHEAD RUN TEE*

ALUMINUM	STEEL	A	B	C
AQFBM2815	AQFBM2809	#3	#3	#3
AQFBM2117	-	#4	#4	#4
AQFBM2118	AQFBM2811	#6	#6	#6
AQFBM2180	AQFBM2812	#8	#8	#8
-	AQFBM2813	#12	#12	#12
-	AQFBM2814	#16	#16	#16



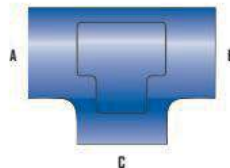
45° FEMALE FLARE SWIVEL

ALUMINUM	A	B
AQFBM2971	#6	#6
AQFBM2972	#8	#8
AQFBM2973	#10	#10
AQFBM2974	#12	#12
AQFBM2975	#16	#16



UNION TEE

ALUMINUM	A	B	C
AQFBM2060	#3	#3	#3
AQFBM2061	#4	#4	#4
AQFBM2062	#6	#6	#6
AQFBM2063	#8	#8	#8
AQFBM2064	#10	#10	#10
AQFBM2065	#12	#12	#12
AQFBM2066	#16	#16	#16



FEMALE FLARE TEE

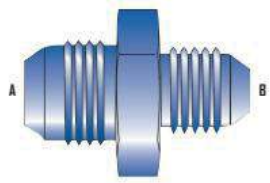
ALUMINUM	A	B	C
AQFBM2173	#4	#4	#4
AQFBM2174	#6	#6	#6
AQFBM2175	#8	#8	#8
AQFBM2176	#10	#10	#10
AQFBM2177	#12	#12	#12



FEMALE FLARE TEE

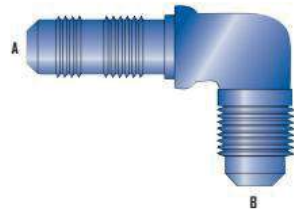
ALUMINUM	A	B
AQFBM2978	#6	#6
AQFBM2979	#8	#8
AQFBM2980	#10	#10
AQFBM2981	#12	#12
AQFBM2982	#16	#16

*Aluminum Part Numbers Do Not Include Locknut. Order Locknut Separately. Steel Part Numbers Include Locknuts.



UNION REDUCER

ALUMINUM	STEEL	A	B
AQFBM2048	AQFBM2749	#4	#3
-	AQFBM2752	#5	#4
AQFBM2156	AQFBM2754	#6	#4
-	AQFBM2755	#6	#5
AQFBM2049	AQFBM2757	#8	#4
AQFBM2160	AQFBM2758	#8	#6
AQFBM2188	-	#10	#4
AQFBM2162	-	#10	#6
AQFBM2163	AQFBM2760	#10	#8
AQFBM2189	-	#12	#4
AQFBM2165	-	#12	#6
AQFBM2166	-	#12	#8
AQFBM2167	AQFBM2762	#12	#10
AQFBM2169	-	#16	#10
AQFBM2170	AQFBM2764	#16	#12



90° ELBOW BULKHEAD UNION*

ALUMINUM	STEEL	A	B
AQFBM2799	AQFBM2790	#3	#3
AQFBM2081	AQFBM2791	#4	#4
-	AQFBM2792	#5	#5
AQFBM2082	AQFBM2793	#6	#6
AQFBM2083	AQFBM2794	#8	#8
AQFBM2084	AQFBM2795	#10	#10
AQFBM2085	AQFBM2796	#12	#12
AQFBM2086	AQFBM2797	#16	#16
-	AQFBM2798	#20	#20



45° ELBOW BULKHEAD UNION*

ALUMINUM	STEEL	A	B
AQFBM2893	-	#3	#3
AQFBM2127	AQFBM2781	#4	#4
-	AQFBM2782	#5	#5
AQFBM2128	AQFBM2783	#6	#6
-	AQFBM2784	#8	#8
-	AQFBM2785	#10	#10
-	AQFBM2786	#12	#12
-	AQFBM2787	#16	#16
-	AQFBM2788	#20	#20



AQFBE2022

NICKEL-PLATED ALUMINUM ADAPTERS

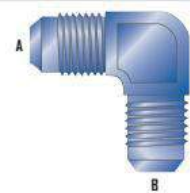
STRAIGHT MALE CONNECTOR	
PART #	DESCRIPTION
AQFBE2003	AN Flare to Pipe #6 to 1/8"
AQFBE2004	AN Flare to Pipe #6 to 1/4"
AQFBE2005	AN Flare to Pipe #6 to 3/8"
AQFBE2007	AN Flare to Pipe #8 to 3/8"
AQFBE2008	AN Flare to Pipe #8 to 1/2"
AQFBE2009	AN Flare to Pipe #10 to 1/2"
AQFBE2010	AN Flare to Pipe #12 to 1/2"
AQFBE2011	AN Flare to Pipe #12 to 3/4"
AQFBE2014	AN Flare to Pipe #12 to 1"
AQFBE2185	Fuel Pump-Male Pipe for Holley Electric Fuel Pumps #10 to 3/8"

45° MALE ELBOW	
PART #	DESCRIPTION
AQFBE2022	AN Flare to Pipe #6 to 1/4"
AQFBE2023	AN Flare to Pipe #8 to 3/8"
AQFBE2024	AN Flare to Pipe #10 to 1/2"
AQFBE2025	AN Flare to Pipe #12 to 3/4"

90° MALE ELBOW	
PART #	DESCRIPTION
AQFBE2033	AN Flare to Pipe #6 to 1/8"
AQFBE2034	AN Flare to Pipe #6 to 1/4"
AQFBE2035	AN Flare to Pipe #6 to 3/8"
AQFBE2037	AN Flare to Pipe #8 to 3/8"
AQFBE2038	AN Flare to Pipe #8 to 1/2"
AQFBE2039	AN Flare to Pipe #10 to 1/2"
AQFBE2017	AN Flare to Pipe #12 to 1/2"
AQFBE2040	AN Flare to Pipe #12 to 3/4"

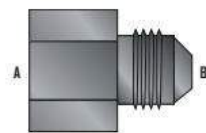
TECH TIP

Overtightening is one of the most common ways to damage a hose fitting. If a fitting has been overtightened, it may be damaged and more prone to leaks. Dirt or debris on the sealing surface are also common sources of leaks. Always use Aeroquip dust caps when disconnecting a hose or fitting to help keep contaminants out of your hoses and Adapters.



90° ELBOW UNION

ALUMINUM	A	B
AQFBM2186	#3	#3
AQFBM2119	#4	#4
AQFBM2120	#6	#6
AQFBM2190	#8	#8
AQFBM2191	#12	#12

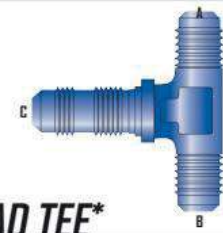


STEEL REDUCER 37° F TO 37° M

STEEL	A	B
AQFBM2408	#6	#4
AQFBM2409	#8	#4
AQFBM2410	#8	#6
AQFBM2411	#10	#6
AQFBM2413	#12	#6
AQFBM2414	#12	#8
AQFBM2416	#16	#6

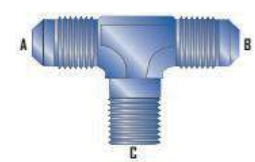
REDUCER 37° FLARE/37° FLARE

STEEL	A	B
AQFBM2421	#10	#8
AQFBM2422	#12	#10



BULKHEAD TEE*

ALUMINUM	STEEL	A	B	C
AQFBM2808	AQFBM2800	#3	#3	#3
AQFBM2091	AQFBM2801	#4	#4	#4
-	AQFBM2802	#5	#5	#5
AQFBM2092	AQFBM2803	#6	#6	#6
AQFBM2093	AQFBM2804	#8	#8	#8
-	AQFBM2805	#10	#10	#10
-	AQFBM2806	#12	#12	#12
-	AQFBM2807	#16	#16	#16

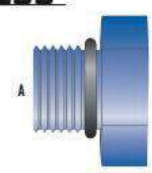


MALE BRANCH TEE

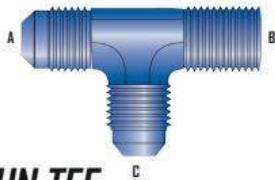
STEEL	A	B	C
AQFBM2187	#3	#3	1/8"
AQFBM2121	#4	#4	1/8"
AQFBM2122	#6	#6	1/4"
AQFBM2123	#8	#8	3/8"

O-RING BOSS PLUG

ALUMINUM	A
AQFBM3722	#3
AQFBM3723	#4
AQFBM3724	#6
AQFBM3725	#8
AQFBM3726	#10
AQFBM3727	#12



*Aluminum Part Numbers DO NOT Include Locknut. Order Locknut Separately. Steel Part Numbers Include Locknuts.



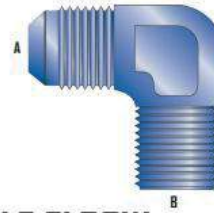
MALE RUN TEE

ALUMINUM	STEEL	A	B	C
AQFBM2714	AQFBM2700	#3	1/8"	#3
AQFBM2124	AQFBM2701	#4	1/8"	#4
-	AQFBM2703	#4	1/4"	#4
-	AQFBM2702	#5	1/8"	#5
AQFBM2125	AQFBM2704	#6	1/4"	#6
-	AQFBM2705	#6	3/8"	#6
AQFBM2126	AQFBM2706	#8	3/8"	#8
-	AQFBM2707	#8	1/2"	#8
-	AQFBM2708	#10	1/2"	#10
-	AQFBM2709	#10	3/4"	#10
-	AQFBM2710	#12	3/4"	#12
-	AQFBM2711	#16	1"	#16
-	AQFBM2712	#20	1 1/4"	#20



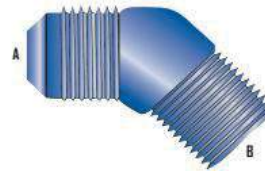
MALE CONNECTOR

ALUMINUM	STEEL	A	B
AQFBM2000	AQFBM2511	#3	1/8"
AQFBM2001	AQFBM2512	#4	1/8"
AQFBM2002	AQFBM2515	#4	1/4"
-	AQFBM2519	#4	3/8"
-	AQFBM2524	#4	1/2"
-	AQFBM2513	#5	1/8"
-	AQFBM2516	#5	1/4"
-	AQFBM2520	#5	3/8"
AQFBM2003	AQFBM2514	#6	1/8"
AQFBM2004	AQFBM2517	#6	1/4"
AQFBM2005	AQFBM2521	#6	3/8"
AQFBM2013	AQFBM2525	#6	1/2"
-	AQFBM2529	#6	3/4"
AQFBM2006	AQFBM2518	#8	1/4"
AQFBM2007	AQFBM2522	#8	3/8"
AQFBM2008	AQFBM2526	#8	1/2"
-	AQFBM2530	#8	3/4"
AQFBM2185	AQFBM2523	#10	3/8"
AQFBM2009	AQFBM2527	#10	1/2"
-	AQFBM2531	#10	3/4"
AQFBM2010	AQFBM2528	#12	1/2"
AQFBM2011	AQFBM2532	#12	3/4"
AQFBM2014	AQFBM2534	#12	1"
-	AQFBM2539	#12	1-1/4"
-	AQFBM2544	#12	1-1/2"
AQFBM2015	AQFBM2533	#16	3/4"
AQFBM2012	AQFBM2535	#16	1"
-	AQFBM2540	#16	1-1/4"
-	AQFBM2545	#16	1-1/2"
-	AQFBM2536	#20	1"
-	AQFBM2541	#20	1-1/4"
-	AQFBM2546	#20	1-1/2"
-	AQFBM2537	#24	1"
-	AQFBM2542	#24	1-1/4"
-	AQFBM2547	#24	1-1/2"
-	AQFBM2538	#32	1"
-	AQFBM2543	#32	1-1/4"



90° MALE ELBOW

ALUMINUM	STEEL	A	B
AQFBM2030	AQFBM2610	#3	1/8"
AQFBM2031	AQFBM2611	#4	1/8"
AQFBM2032	AQFBM2614	#4	1/4"
-	AQFBM2618	#4	3/8"
-	AQFBM2624	#4	1/2"
-	AQFBM2612	#5	1/8"
-	AQFBM2615	#5	1/4"
-	AQFBM2619	#5	3/8"
AQFBM2033	AQFBM2613	#6	1/8"
AQFBM2035	AQFBM2620	#6	3/8"
-	AQFBM2625	#6	1/2"
AQFBM2036	AQFBM2617	#8	1/2"
AQFBM2037	AQFBE2621	#8	3/8"
AQFBM2038	AQFBE2626	#8	1/2"
-	AQFBM2629	#8	3/4"
AQFBM2016	AQFBM2622	#10	3/8"
AQFBM2039	AQFBM2627	#10	1/2"
-	AQFBM2630	#10	3/8"
-	AQFBM2623	#12	3/8"
AQFBM2017	AQFBM2628	#12	1/2"
AQFBM2040	AQFBM2631	#12	3/4"
-	AQFBM2633	#12	1"
AQFBM2018	AQFBM2632	#16	3/4"
AQFBM2041	AQFBM2634	#16	1"
-	AQFBM2635	#20	1"
-	AQFBM2637	#20	1-1/4"
-	AQFBM2639	#20	1-1/2"
-	AQFBM2638	#24	1-1/4"



45° MALE ELBOW

ALUMINUM	STEEL	A	B
AQFBM2020	AQFBM2581	#3	1/8"
AQFBM2021	AQFBM2582	#4	1/8"
-	AQFBM2584	#4	1/4"
-	AQFBM2588	#4	3/8"
-	AQFBM2583	#5	1/8"
-	AQFBM2585	#5	1/4"
AQFBM2022	AQFBM2586	#6	1/4"
-	AQFBM2589	#6	3/8"
-	AQFBM2592	#6	1/2"
-	AQFBM2587	#8	1/4"
AQFBM2023	AQFBM2590	#8	3/8"
-	AQFBM2593	#8	1/2"
-	AQFBM2596	#8	3/4"
-	AQFBM2591	#10	3/8"
AQFBM2024	AQFBM2594	#10	1/2"
-	AQFBM2597	#10	3/4"
-	AQFBM2595	#12	1/2"
AQFBM2025	AQFBM2598	#12	3/4"
-	AQFBM2600	#12	1"
-	AQFBM2599	#16	3/4"
AQFBM2026	AQFBM2601	#16	1"
-	AQFBM2602	#20	1"
-	AQFBM2603	#20	1-1/4"



BULKHEAD FEMALE CONNECTOR*

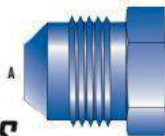
STEEL	A	B
AQFBM2821	#4	1/8"
AQFBM2822	#8	3/8"
AQFBM2823	#10	1/2"
AQFBM2824	#12	3/4"
AQFBM2825	#16	1"

*Locknut included.



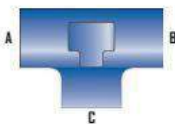
FLARE TO BRAZE (UNPLATED)

STEEL	A	TUBE OD	COUNTERBORE DEPTH
AQFBM2871	#4	1/4"	.16
AQFBM2872	#6	3/8"	.16
AQFBM2873	#6	1/2"	.16
AQFBM2874	#8	1/2"	.16
AQFBM2875	#10	5/8"	.16
AQFBM2876	#10	3/4"	.25
AQFBM2877	#12	3/4"	.25
AQFBM2878	#12	1"	.25
AQFBM2879	#16	1"	.25
AQFBM2880	#20	1 1/4"	.25



PLUGS

ALUMINUM	STEEL	A
AQFBM3712	AQFBM3701	#3
AQFBM3713	AQFBM3702	#4
AQFBM3714	AQFBM3703	#6
AQFBM3715	AQFBM3704	#8
AQFBM3716	AQFBM3705	#10
AQFBM3717	AQFBM3706	#12
AQFBM3718	AQFBM3707	#16
-	AQFBM3708	#20



FEMALE PIPE TEE

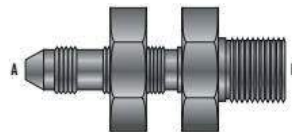
STEEL	A	B	C
AQFBM2150	1/8"	1/8"	1/8"
AQFBM2151	1/4"	1/4"	1/4"
AQFBM2152	3/8"	3/8"	3/8"



METRIC CONVERSION ADAPTERS

STEEL	A	B
AQFBM2608	#6	M16 x 1.5
AQFBM2609	#6	M18 x 1.5

Note: Metric Conversion Adapters are used for Saginaw Power Steering Adapter (metric); also GM fuel injection conversion Adapter for metric O-Ring Style porting.



BULKHEAD MALE CONNECTOR*

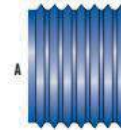
STEEL	A	B
AQFBM2831	#4	1/4"
AQFBM2832	#8	3/8"
AQFBM2833	#10	1/2"
AQFBM2834	#12	3/4"
AQFBM2835	#16	1"

*Locknut included.



LOCKNUT

ALUMINUM	STEEL	#	QTY
AQFBM3556	AQFBM2095	#3	2/Pk
AQFBM2099	AQFBM2096	#4	2/Pk
-	AQFBM2097	#5	2/Pk
AQFBM2100	AQFBM2098	#6	2/Pk
AQFBM2103	AQFBM3584	#8	1/Pk
AQFBM2104	AQFBM3585	#10	1/Pk
AQFBM2105	AQFBM3586	#12	1/Pk
AQFBM2106	AQFBM3587	#16	1/Pk
-	AQFBM3588	#20	1/Pk



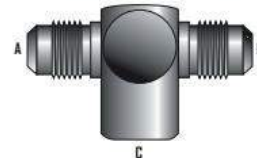
ALLEN HEAD PIPE PLUG

ALUMINUM	A	#/PK
AQFBM3684	1/16"	2/Pk
AQFBM3685	1/8"	2/Pk
AQFBM3686	1/4"	2/Pk
AQFBM3687	3/8"	2/Pk
AQFBM3749	1/2"	1/Pk
AQFBM3750	3/4"	1/Pk



FEMALE PIPE FLARE TEE

STEEL	A	B	C
AQFBM2817	#3	1/8"	#3
AQFBM2818	#4	1/8"	#4
AQFBM2819	#4	1/4"	#4



FEMALE PIPE FLARE TEE

STEEL	A	B	C
AQFBM2881	#3	#3	1/8"
AQFBM2882	#4	#4	1/8"
AQFBM2883	#4	#4	1/4"
AQFBM2884	#6	#6	1/4"
AQFBM2885	#8	#8	3/8"

FEMALE PIPE TO MAKE AN

STEEL	A	B (PIPE)
AQFBM2719	#3	1/8"
AQFBM2720	#3	1/4"
AQFBM2721	#4	1/8"
AQFBM2722	#5	1/8"
AQFBM2723	#4	1/4"
AQFBM2724	#5	1/4"
AQFBM2725	#6	1/4"
AQFBM2726	#8	1/4"
AQFBM2727	#6	3/8"
AQFBM2728	#8	3/8"
AQFBM2729	#6	1/2"
AQFBM2730	#8	1/2"
AQFBM2731	#10	1/2"
AQFBM2732	#12	1/2"
AQFBM2733	#8	3/4"
AQFBM2734	#10	3/4"
AQFBM2735	#12	3/4"
AQFBM2736	#16	1"
AQFBM2737	#20	1-1/4"



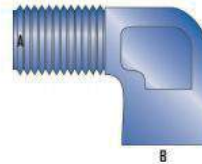
PIPE COUPLING

ALUMINUM	A	B
AQFBM2129	1/8"	1/8"
AQFBM2130	1/4"	1/4"
AQFBM2131	3/8"	3/8"



MALE PIPE NIPPLE

ALUMINUM	A	B
AQFBM2132	1/8"	1/8"
AQFBM2133	1/4"	1/4"
AQFBM2134	3/8"	3/8"
AQFBM2135	1/2"	1/2"



90° ELBOW, FEMALE TO MALE PIPE ELBOW

ALUMINUM	A	B
AQFBM2147	1/8"	1/8"
AQFBM2148	1/4"	1/4"
AQFBM2149	3/8"	3/8"

AN TUBE FITTINGS TUBE SLEEVE

ALUMINUM	STEEL	A	QTY
AQFBM3669	AQFBM3667	#3	6/pk
AQFBM3670	AQFBM3668	#4	6/pk
-	AQFBM3679	#5	1/pk
AQFBM3671	AQFBM3680	#6	2/pk
AQFBM3672	AQFBM3681	#8	2/pk
AQFBM3673	AQFBM3682	#10	2/pk
AQFBM3674	AQFBM3683	#12	2/pk
-	AQFBM3696	#14	1/pk
-	AQFBM3697	#16	1/pk
-	AQFBM3698	#20	1/pk

CAPS

ALUMINUM	STEEL	A	ALUM. QTY	STEEL QTY
AQFBM3751	AQFBM3479	#3	2/pk	6/pk
AQFBM3752	AQFBM3480	#4	2/pk	6/pk
-	AQFBM3601	#5	-	2/pk
AQFBM3740	AQFBM3602	#6	1/pk	2/pk
AQFBM3741	AQFBM3603	#8	1/pk	2/pk
AQFBM3742	AQFBM3604	#10	1/pk	2/pk
AQFBM3743	AQFBM3605	#12	1/pk	2/pk
AQFBM3744	AQFBM3566	#16	1/pk	1/pk
-	AQFBM3567	#20	-	1/pk

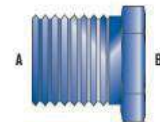
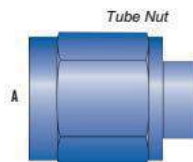
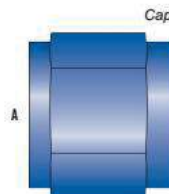
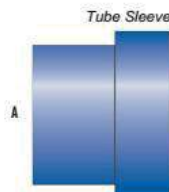
TUBE NUT

ALUMINUM	STEEL	A	ALUM. QTY	STEEL QTY
AQFBM3554	AQFBM3591	#3	6/pk	1/pk
AQFBM3555	AQFBM3570	#4	6/pk	1/pk
-	AQFBM3571	#5	-	1/pk
AQFBM3675	AQFBM3572	#6	2/pk	1/pk
AQFBM3676	AQFBM3573	#8	2/pk	1/pk
AQFBM3677	AQFBM3574	#10	2/pk	1/pk
AQFBM3678	AQFBM3575	#12	2/pk	1/pk
-	AQFBM3576	#14	-	1/pk
-	AQFBM3577	#16	-	1/pk
-	AQFBM3578	#20	-	1/pk

Note: Tube nut and sleeve are only to be used together.
Also available in stainless steel.
Contact your CV sales rep for more information

TECH TIP

The Pressure Sensing Quick Disconnect Couplings are ideal for use on Tilton hydraulic release bearings.



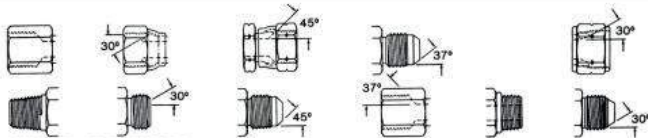
PIPE BUSHING

ALUMINUM	A	B
AQFBM2136	1/4"	1/8"
AQFBM2137	3/8"	1/4"
AQFBM2138	3/8"	1/8"
AQFBM2139	1/2"	3/8"
AQFBM2140	1/2"	1/4"
AQFBM2141	1/2"	1/8"
AQFBM2144	3/4"	1/4"
AQFBM2143	3/4"	3/8"
AQFBM2142	3/4"	1/2"
AQFBM2146	1"	1/2"
AQFBM2145	1"	3/4"

The following chart gives fractional equivalents to hose and fitting dash sizes. Dash sizes are the numerators of fractions with a denominator of 16 (ex. #8 is equal to 8/16" which is equal to 1/2")

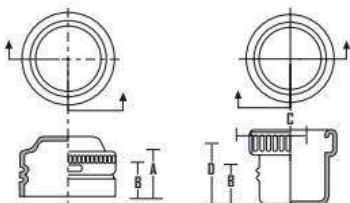
DASH SIZE & EQUIVALENT MEASUREMENTS

SAE 37°(AN) DASH SIZE	FRACTIONAL EQUIVALENT (IN)	SAE 37°(AN) DASH SIZE	FRACTIONAL EQUIVALENT (IN)
#2	1/8"	#12	3/4"
#3	3/16"	#14	7/8"
#4	1/4"	#16	1"
#5	5/16"	#20	1-1/4"
#6	3/8"	#24	1-1/2"
#8	1/2"	#32	2"
#10	5/8"		



THREAD SIZE CHART

DASH SIZE	SAE 37° THREAD	SAE 45° THREAD	SAE INVERTED FLARE THREAD	NPTF PIPE THREAD	TUBING OD (IN)
#2	5/16 - 24	5/16 - 24	5/16 - 24	1/8 - 27	1/8
#3	3/8 - 24	3/8 - 24	3/8 - 24	-	3/16
#4	7/16 - 20	7/16 - 20	7/16 - 24	1/4 - 18	1/4
#5	1/2 - 20	1/2 - 20	1/2 - 20	-	5/16
#6	9/16 - 18	5/8 - 18	5/8 - 18	3/8 - 18	3/8
#8	3/4 - 16	3/4 - 16	3/4 - 18	1/2 - 14	1/2
#10	7/8 - 14	7/8 - 14	7/8 - 18	-	5/8
#12	1-1/16 - 12	1-1/16 - 14	1-1/16 - 16	3/4 - 14	3/4
#14	1-3/16 - 12	-	-	-	-
#16	1-5/16 - 12	-	-	1 - 11-1/2	1
#20	1-5/8 - 12	-	-	1-1/4 - 11-1/2	1-1/4
#24	1-7/8 - 12	-	-	1-1/2 - 11-1/2	1-1/2
#32	2-1/2 - 12	-	-	2 - 11-1/2	2



DUST CAPS (ALUMINUM)

PART #	#	THREAD	A	B	QTY
AQFBM3647	#3	3/8-24	.43	.36	20/Pk
AQFBM3648	#4	7/16-20	.54	.46	20/Pk
AQFBM3649	#6	9/16-18	.54	.46	20/Pk
AQFBM3650	#8	3/4-16	.64	.55	20/Pk
AQFBM3651	#10	7/8-14	.74	.65	12/Pk
AQFBM3652	#12	1-1/16-12	.85	.76	10/Pk
AQFBM3653	#16	1-5/16-12	.86	.78	10/Pk

DUST PLUGS (ALUMINUM)

PART #	#	THREAD	B	C	D	QTY
AQFBM3654	#3	3/8-24	.37	.57	.61	20/Pk
AQFBM3655	#4	7/16-20	.46	.61	.71	20/Pk
AQFBM3656	#6	9/16-18	.50	.76	.77	20/Pk
AQFBM3657	#8	3/4-16	.61	.94	.90	20/Pk
AQFBM3658	#10	7/8-14	.70	1.11	.95	12/Pk
AQFBM3659	#12	1-1/16-12	.65	1.38	.99	10/Pk
AQFBM3660	#16	1-5/16-12	.71	1.53	1.08	10/Pk

VINYL COATED STEEL SUPPORT CLAMPS

provide security for supporting hose in long runs and critical bends. For the proper support clamp, match clamp I.D. and hose O.D. as close as possible.



SUPPORT CLAMPS

PART #	ID	QTY
AQFBM3481	.25"	5/Pk
AQFBM3482	.44"	5/Pk
AQFBM3483	.50"	5/Pk
AQFBM3484	.56"	5/Pk
AQFBM3485	.63"	5/Pk
AQFBM3486	.75"	5/Pk
AQFBM3487	.81"	5/Pk
AQFBM3488	.94"	5/Pk
AQFBM3534	1.00"	2/Pk
AQFBM3535	1.06"	2/Pk
AQFBM3536	1.13"	2/Pk
AQFBM3537	1.25"	2/Pk
AQFBM3538	1.50"	2/Pk



REUSABLE FITTING ASSEMBLY MANDRELS

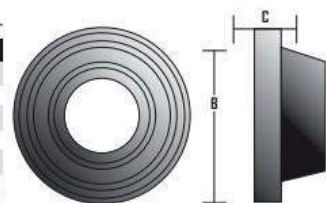
PART #	#
AQFBM3401	#5
AQFBM3402	#6
AQFBM3403	#8
AQFBM3404	#10
AQFBM3405	#12
AQFBM3406	#16
AQFBM3407*	#06 SAE 45°
AQFBM3409*	#12 SAE 45°

*Use with SAE 45° #6, #12 fittings only.

ALUMINUM TANK WELDING BUNGS

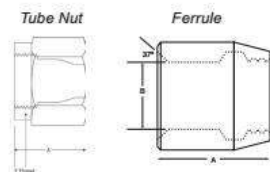
PART #	A	B	C
AQFBM2403	#6	1.56	.59
AQFBM2404	#8	1.75	.68
AQFBM2405	#10	1.87	.75
AQFBM2406	#12	2.00	.90
AQFBM2407	#16	2.25	.93

Connects to Male AN Flare with hex and O-Ring. (AN 816, AN 919, AN 832 and O-Ring Boss Plug).



VERSIL-FLARE™ FLARELESS TUBE NUT

PART #	#	TUBE OD	THREAD	A
AQFBM2496	#4	.25	7/16-20	.82
AQFBM2497	#6	.38	9/16-18	.86
AQFBM2498	#8	.50	3/4-16	1.08
AQFBM2499	#10	.63	7/8-14	1.12
AQFBM2500	#12	.75	1-1/16-12	1.35



AQ2062-8-8S #8 to #8 Adapter O-ring boss to 37° Flare; 90° elbow

NOTE: Aeroquip Industrial Fittings listed below are made of plated Steel and are not of a normal lightweight Aluminum.

Aeroquip's industrial fittings, with their plated Steel design, are much more rugged than the lightweight Aluminum fittings. There are many different fitting designs available. If you don't see a fitting that you need, contact a CV sales representative to inquire about fittings not listed below.



AQ202113-8-12S #8 to #12 Pipe to 37° Flare 3.28" long

STAINLESS STEEL INTERNAL SUPPORT COILS

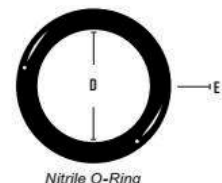
PART #	CO
AQ222005-10C	Internal Support Coils; .40" Coil O.D.
AQ222005-11C	Internal Support Coils; .60" Coil O.D.
AQ222005-13C	Internal Support Coils; .73" Coil O.D.
AQ222005-14C	Internal Support Coils; .94" Coil O.D.
AQ222005-17C	Internal Support Coils; 1.44" Coil O.D.



Aeroquip's Nitrile O-Rings are to be used with gasoline fuels only. (For use with Nitromethane and alcohol fuels, ask your CV salesperson about EPR O-Rings from Aeroquip.)

O-RINGS (NITRILE)

PART #	#	D	E	QTY.
AQFBM3472	#3	.301	.064	5/Pk
AQFBM3473	#4	.351	.072	5/Pk
AQFBM3474	#6	.468	.078	5/Pk
AQFBM3475	#8	.644	.087	5/Pk
AQFBM3476	#10	.755	.097	5/Pk
AQFBM3477	#12	.924	.116	5/Pk
AQFBM3497	#16	1.171	.116	5/Pk



Nitrile O-Ring



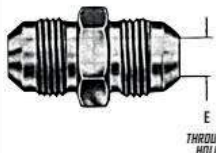
COMPRESSION-STYLE DESIGN PROVIDES SIMPLE, TROUBLEFREE ASSEMBLY

Aeroquip Performance Products anodized Aluminum reusable fittings are engineered to match Eaton hose tolerances, providing matchless performance. The smooth tube design allows excellent fluid flow. Their compression style design provides simple, trouble-free Assembly. Eaton's compression style design was specially designed for performance applications. They are reliable, easier to use and more forgiving than cutter-style fittings. A comparison of the two styles is shown below. For applications involving methanol and nitromethane fuel mixtures, Aeroquip offers zinc-plated carbon steel fittings designed precisely for these situations. These fittings feature a steel nipple, nut and tube with an anodized Aluminum hose socket. High quality Aluminum carburetor adapters and banjo fittings are also available.

THROUGH HOLE DIMENSIONS

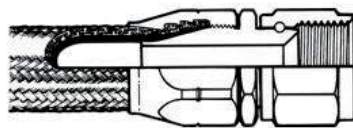
All dimensions are nominal. In jump size bodies, minimum through hole dimensions will correspond to the smallest dash size.

E THROUGH HOLE S.A.E. 37°



DASH SIZE	S.A.E. 37°
-03	.12
-04	.17
-05	.23
-06	.30
-08	.39
-10	.48
-12	.61
-16	.84
-20	1.08
-24	1.31
-32	1.78

EATON'S COMPRESSION STYLE DESIGN

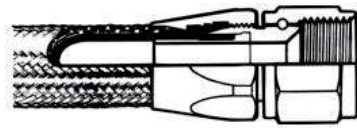


- Designed to be re-used without damage to the fitting
- Nipple pilot prevents damage to inner tube
- More user friendly, for consistently excellent hose/fitting

Connections

- Nipple does not move with this design on swivel fittings

COMPETITION'S CUTTER STYLE DESIGN



- Cutting edge dulls with each use, which can cause an incomplete connection.
- For re-use the inner tube must be removed from the lip seal area without damage to the cutter. A damaged or dull cutter can mean a leaky fitting
- Excessive lube oil applied during installation can cause hydraulic lock in the lip seal area, preventing complete fitting connection.
- When used with swivel style fittings, the nipple moves inside the hose, disrupting the integrity of this critical seal.

COMMON THREAD CONNECTIONS

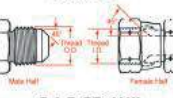
NPTF (NATIONAL PIPE TAPERED FUEL)



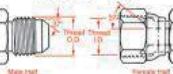
S.A.E. INVERTED FLARE



S.A.E. 45°



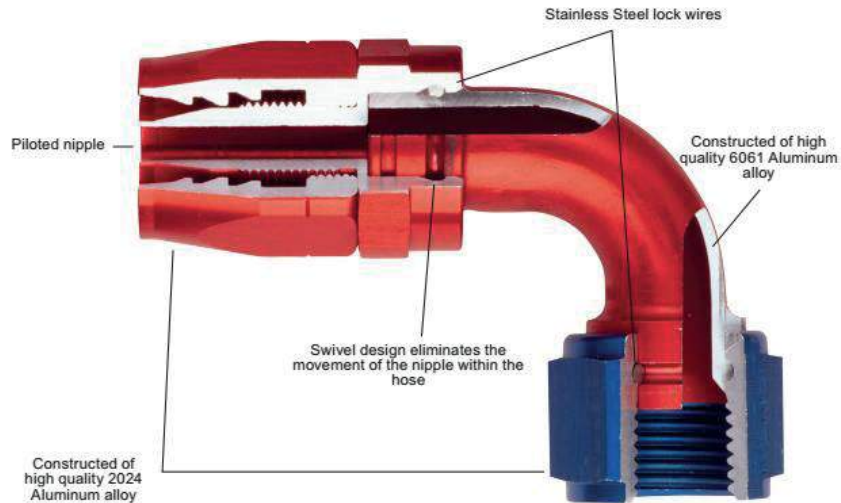
S.A.E. 37°(AN)



CONVERSION TABLE

INCH AND MILLIMETER EQUIVALENTS

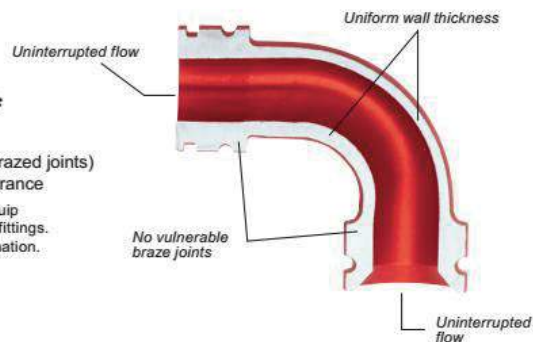
INCHES FRACTIONS	INCHES DECIMALS	MILLIMETER DECIMALS
1/64	.016	.397
1/32	.031	.794
3/64	.047	1.191
1/16	.063	1.588
5/64	.078	1.984
3/32	.094	2.381
7/64	.109	2.778
1/8	.125	3.175
9/64	.141	3.572
5/32	.156	3.969
11/64	.172	4.366
3/16	.188	4.763
13/64	.203	5.159
7/32	.219	5.556
15/64	.234	5.953
1/4	.250	6.350
17/64	.266	6.747
9/32	.281	7.144
19/64	.297	7.541
15/16	.313	7.938
21/64	.328	8.334
11/32	.344	8.731
23/64	.359	9.128
3/8	.375	9.525
25/64	.391	9.922
13/32	.406	10.319



ONE-PIECE DESIGN*

- Allows for improved flow
- Eliminates tow leak points (braze joints)
- Significantly improved appearance

*Available in the majority of Aeroquip Performance Products Aluminum fittings. Contact Eaton for additional information.





REUSABLE BLACK ANODIZED HOSE ENDS S.A.E. 37° (JIN/AN)

STRAIGHT/SWIVEL		
PART #	AN	DESCRIPTION
AQFBM4412	#6	Straight Hose End
AQFBM4413	#8	Straight Hose End
AQFBM4414	#10	Straight Hose End
AQFBM4415	#12	Straight Hose End
AQFBM4416	#16	Straight Hose End

60° ELBOW SWIVEL		
PART #	AN	DESCRIPTION
AQFBM4482	#6	60° Hose End
AQFBM4483	#8	60° Hose End
AQFBM4484	#10	60° Hose End
AQFBM4485	#12	60° Hose End
AQFBM4486	#16	60° Hose End

150° ELBOW SWIVEL		
PART #	AN	DESCRIPTION
AQFBM4452	#6	150° Hose End
AQFBM4453	#8	150° Hose End
AQFBM4454	#10	150° Hose End
AQFBM4455	#12	150° Hose End
AQFBM4456	#16	150° Hose End

30° ELBOW SWIVEL		
PART #	AN	DESCRIPTION
AQFBM4472	#6	30° Hose End
AQFBM4473	#8	30° Hose End
AQFBM4474	#10	30° Hose End
AQFBM4475	#12	30° Hose End
AQFBM4476	#16	30° Hose End

90° ELBOW SWIVEL		
PART #	AN	DESCRIPTION
AQFBM4432	#6	90° Hose End
AQFBM4433	#8	90° Hose End
AQFBM4434	#10	90° Hose End
AQFBM4435	#12	90° Hose End
AQFBM4436	#16	90° Hose End

180° ELBOW SWIVEL		
PART #	AN	DESCRIPTION
AQFBM4462	#6	180° Hose End
AQFBM4463	#8	180° Hose End
AQFBM4464	#10	180° Hose End
AQFBM4465	#12	180° Hose End
AQFBM4466	#16	180° Hose End

45° ELBOW SWIVEL		
PART #	AN	DESCRIPTION
AQFBM4422	#6	45° Hose End
AQFBM4423	#8	45° Hose End
AQFBM4424	#10	45° Hose End
AQFBM4425	#12	45° Hose End
AQFBM4426	#16	45° Hose End

120° ELBOW SWIVEL		
PART #	AN	DESCRIPTION
AQFBM4442	#6	90° Hose End
AQFBM4443	#8	90° Hose End
AQFBM4444	#10	90° Hose End
AQFBM4445	#12	90° Hose End
AQFBM4446	#16	90° Hose End



MALE AN TO PIPE (AN 816)		
PART #	AN	NPT
AQFBM5000	#3	1/8"
AQFBM5001	#4	1/8"
AQFBM5002	#4	1/4"
AQFBM5003	#6	1/8"
AQFBM5004	#6	1/4"
AQFBM5005	#6	3/8"
AQFBM5013	#6	1/2"
AQFBM5006	#8	1/4"
AQFBM5007	#8	3/8"
AQFBM5008	#8	1/2"
AQFBM5185	#10	3/8"
AQFBM5009	#10	1/2"
AQFBM5010	#12	1/2"
AQFBM5011	#12	3/4"
AQFBM5014	#12	1"
AQFBM5015	#16	3/4"
AQFBM5012	#16	1"

45° MALE AN TO PIPE (AN 823)		
PART #	AN	DESCRIPTION
AQFBM5020	#3	1/8"
AQFBM5021	#4	1/8"
AQFBM5022	#6	1/4"
AQFBM5023	#8	3/8"
AQFBM5024	#10	1/2"
AQFBM5025	#12	3/4"

90° AN TO PIPE (AN 822)		
PART #	AN	DESCRIPTION
AQFBM2030	#3	1/8"
AQFBM2031	#4	1/8"
AQFBM2032	#4	1/4"
AQFBM2033	#6	1/8"
AQFBM2034	#6	1/4"
AQFBM2035	#6	3/8"
AQFBM2036	#8	1/4"
AQFBM2037	#8	3/8"
AQFBM2038	#8	1/2"
AQFBM2016	#10	3/8"
AQFBM2039	#10	1/2"
AQFBM2017	#12	1/2"
AQFBM2040	#12	3/4"

ACCESS TO COMPLETE PRODUCT LINE AVAILABLE



FRT (FAST REACTION TECHNOLOGY) PRODUCES FASTER OPENING/CLOSING TIMES FOR BETTER ATOMIZATION, INCREASED POWER.

FUEL INJECTION KITS

The major advantage of FRT injectors is their reaction time. Their superiority lies in the introduction of a new electronic solenoid within the injector body that controls the pintel. The diminutive pintel receives its signal from the ECU and by opening and closing faster the FRT injector delivers a crisper, more precise and better atomized charge of fuel.

FEATURES

- Injectors operate with either aftermarket or OEM electronic control units
- Injectors 48lbs+ are flow-matched to plus or minus 1% for accuracy
- Largest selection of application-specific injectors in the industry
- All injectors manufactured in the USA

PART #	DESCRIPTION
AFIS8771208	Fuel Injector, 120lbs./HR EV1
AFIS877160	Fuel Injector, 160lbs./HR EV1
AFIS8771608	Fuel Injector, 160lbs./HR EV1
AFIS8772408	Fuel Injector, 24lbs./HR EV1
AFIS8773008	Fuel Injector, 30lbs./HR EV1
AFIS8774208	Fuel Injector, 42.5lbs./HR EV1
AFIS8775008	Fuel Injector, 50lbs./HR EV1
AFIS8776508	Fuel Injector, 65lbs./HR EV1
AFIS8777508	Fuel Injector, 55lbs./HR EV1
AFIS8778408	Fuel Injector, 84lbs./HR EV1
AFIS8779508	Fuel Injector, 95lbs./HR EV1
AFIS8782251	Single Fuel Injector 225lbs./HR
AFIS8782258	Fuel Injector 225lbs./HR EV1
AFIS8783608	Fuel Injector, 36lbs./HR EV1



Fuel Injectors



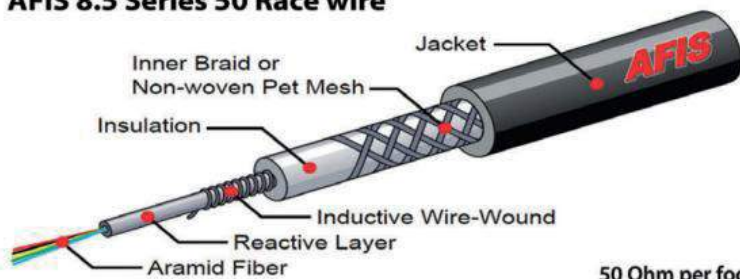


AFIS

ADVANCED FUEL IGNITION SYSTEMS



AFIS 8.5 Series 50 Race wire



50 Ohm per foot

Electrical current is transmitted through inductive spiral alloy windings. At its center is a strong heat resistant Aramid fiber core coated with a reactive layer to provide a secondary electrical path. Additionally, the ignition wire is covered with a high grade insulator and topped with a thick layer of silicone to provide maximum protection.

HIGH-ENERGY, LOW RESISTANCE IGNITION WIRE IMPROVES HORSEPOWER

PLUG WIRE SETS

Plug Wire Sets were developed for high performance street cars and racing cars. AFIS has introduced a comprehensive new range of spiral-core ignition wire sets that contribute very low resistance, 50 Ohms per foot. Low resistance means more current is transmitted to the spark plug while still maintaining RFI/EMI suppression. This inhibits any stray static signals sending the wrong signal to the computer or spark control box.

FEATURES

- Superior jackets resist dielectric failure
- Both reactive layer and inductive windings can transmit current without interference
- Every wire set checked for output and endurance

PART #	DESCRIPTION
AFIS850317-B	Plug Wire Set, SBC Over V/C
AFIS850318-B	Plug Wire Set, SBC Under Head
AFIS850800	Plug Wire Set, Universal
AFIS850801	Plug Wire Set, Universal
AFIS850802	Plug Wire Set, Universal

ACCESS TO COMPLETE PRODUCT LINE AVAILABLE

ARP

automotive Racing products

If you have ever installed a Rocker Stud into a cylinder and watched it wobble as it screwed in - you knew from the beginning that the rocker geometry was going to be inconsistent. ARP® rocker studs are concentric within .005 T.I.R. thread pitch to thread pitch. They run-in straight and true. Lengths are exact - designed to provide positive seating every time. An extra-large radius base offers greater resistance to flex. Available in both High Performance and Pro Series models.

NOTE: Not to be used with OEM-Style, self-locking nuts. To be used with ARP®'s patented Perma-Loc™ adjusters. NOTE: Because there are many different style rocker arms made by each manufacturer, we suggest that you verify the physical dimensions and thread requirements prior to ordering.



High Performance Series:

Made of 8740 chrome moly forgings and heat-treated to 170,000 psi. Excellent for E.T. Bracket Racing, limited rule oval track competition and street use. Tip ground flush for optimum adjuster seating.

Pro Series:

Designed for competition applications, ARP's Pro Series rocker arm studs are made of premium grade 8740 chrome moly steel and heat-treated to a tensile strength of 190,000 psi.

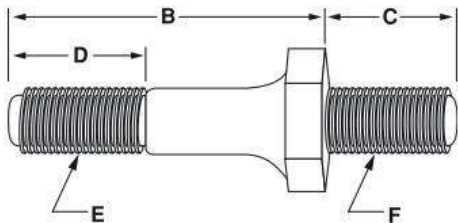
ROCKER ARM STUD KITS

DESCRIPTION	B	C	D	E	F	HIGH PERFORMANCE	PROFESSIONAL SERIES
3/8" Typical Small Block Application	1.750"	.700"	.800"	3/8"-24	7/16"-14	134-7101	234-7201
7/16" Typical Small Block Application	1.750"	.800"	.850"	7/16"-20	7/16"-14	135-7101	235-7201
7/16" Typical Small Block Application	1.770"	.700"	.670"	7/16"-20	7/16"-14	134-7103	234-7202
7/16" Typical Small Block Application	1.900"	.750"	.850"	7/16"-20	7/16"-14	-	200-7202
w/Roller Rockers & Girdles	1.900"	.750"	1.000"	7/16"-20	7/16"-14	100-7101	200-7201
3/8" w/Roller Rockers ◊	1.895"	.710"	1.000"	3/8"-16	7/16"-14	134-7104	-
w/Roller Rockers & Stud Girdle	1.900"	.860"	.830"	7/16"-20	7/16"-14	-	234-7205
w/Roller Rockers & Stud Girdle*	1.900"	.850"	.850"	7/16"-20	7/16"-14	-	234-7206
w/Roller Rockers & Stud Girdle	1.900"	.660"	.830"	7/16"-20	7/16"-14	-	334-7201
w/Roller Rockers & Stud Girdle*	2.100"	.850"	.800"	7/16"-20	7/16"-14	-	334-7202
w/Roller Rockers & Stud Girdle*	2.100"	.750"	.800"	7/16"-20	7/16"-14	-	334-7203
w/Roller Rockers & Stud Girdle*	2.000"	.750"	.800"	7/16"-20	7/16"-14	-	334-7204
Dart Aluminum Heads, 16 pieces*	2.000"	1.3", .820"	1.000"	7/16"-20	7/16"-14	-	235-7202
Aluminum Heads, Exhaust Studs Only, 8 Pieces*	2.000"	1.650"	.700"	7/16"-20	7/16"-14	-	235-7203
Aluminum Heads, Exhaust Studs Only, 8 Pieces	2.000"	1.650"	1.000"	7/16"-20	7/16"-14	-	235-7207
Aluminum Heads, Intake Studs Only, 8 Pieces*	2.000"	.820"	.700"	7/16"-20	7/16"-14	235-7204	-
Dart Aluminum, 16 Pieces	2.000"	1.3", .820"	.700"	7/16"-20	7/16"-14	235-7205	-
Aluminum Heads, Intake, 8 Pieces	2.000"	.820"	1.000"	7/16"-20	7/16"-14	235-7207	-
Mark V	1.900"	.750"	.750"	7/16"-20	3/8"-16	135-7102	135-7122

TYPICAL FORD

DESCRIPTION	B	C	D	E	F	HIGH PERFORMANCE	PROFESSIONAL SERIES
SVO 351 C.I.D., w/Roller Rockers & Girdle*	3.000"	.950"	2.100"	7/16"-20	7/16"-14	-	254-7201
w/Roller Rockers & Girdles	1.900"	.750"	1.000"	7/16"-20	7/16"-14	100-7101	-
SVO 351 C.I.D., w/Roller Rockers & Girdle	3.000"	.660"	1.930"	7/16"-20	7/16"-14	-	354-7202
SVO 351 C.I.D., w/Roller Rockers & Girdle	2.800"	.800"	1.500"	7/16"-20	7/16"-14	-	354-7203
SVO 351 C.I.D., w/Roller Rockers	2.700"	.850"	1.300"	7/16"-20	7/16"-14	-	354-7204
7/16" w/1/2" coarse, '64 & Later	2.000"	1.025"	1.05"	7/16"-20	1/2"-13	-	290-7201
3/8"	1.750"	.680"	.800"	3/8"-16	7/16"	134-7101	234-7201
7/16"	1.750"	.680"	.675"	7/16"-20	7/16"	134-7103	234-7202

*NOTE: These parts have a shank portion under hex to locate guide plate.



B = Overall Stud Height
 C = Screw-in Thread Depth
 D = Adjuster Thread Depth
 E = Shank Diameter and Thread
 F = Base Diameter and Thread



TECH TIP

NOTE: Rocker Arm Studs are not to be used with OEM-Style, self-locking nuts. To be used with ARP®'s patented Perma-Loc™ adjusters.

Perma-Loc Features:

- 12-point Head with special shouldered "stop" to hold wrench. Eliminates need for special adjusting tools.
- Forged in-house from 8740 alloy chrome moly steel and heat-treated throughout (not simply case hardened, as others are).
- Bottom flush-ground perpendicular to the threads.
- Threads are precision CNC machined exactly perpendicular to the bottom of adjuster to ensure an optimum seat and even pressure.
- Set screw has flush-machined tip for optimum contact and seating on stud.
- Threads are machined for max engagement.

We recommend the use of ARP Assembly Lubricant or Thread Sealer in order to precisely duplicate the recommended tightening specifications provided with all ARP fasteners.

ASSEMBLY LUBE & THREAD SEALER

PART #	DESCRIPTION
ARP100-9903	Assembly Lubricant (1.60 fl. oz.)
ARP100-9904	Thread Sealer (1.69 fl. oz.)
ARP100-9005	Moly Lube (20 fl. oz.)

BLACK BOLTS (5 PACK)

PART #	DESCRIPTION
ARP641-0750	5/16"-18 x 0.750" Black 12pt
ARP641-1000	5/16"-18 x 1.000" Black 12pt
ARP641-1250	5/16"-18 x 1.250" Black 12pt
ARP642-1250	3/8"-16 x 1.250" Black 3/8" 12pt
ARP651-1250	5/16"-18 x 1.250" Black Hex
ARP640-0750	1/4"-20 x 0.750" Black 12pt
ARP640-1000	1/4"-20 x 1.000" Black 12pt
ARP641-1500	5/16"-18 x 1.500" Black 12pt
ARP642-1000	3/8"-16 x 1.000" Black 3/8" 12pt
ARP642-1500	3/8"-16 x 1.500" Black 3/8" 12pt
ARP642-2000	3/8"-16 x 2.000" Black 3/8" 12pt
ARP651-0750	5/16"-18 x 0.750" Black Hex
ARP651-1000	5/16"-18 x 1.000" Black Hex
ARP652-1000	3/8"-16 x 1.000" Black 3/8" 12pt
ARP652-1250	3/8"-16 x 1.250" Black 3/8" 12pt
ARP652-1500	3/8"-16 x 1.500" Black 3/8" 12pt
ARP661-1002	M8 x 1.25" x 25 Black Hex
ARP661-1003	M8 x 1.25" x 30 Black Hex
ARP663-1001	M10 x 1.25" x 20 Black Hex
ARP663-1002	M10 x 1.25" x 25 Black Hex
ARP670-1004	M6 x 1.00" x 35 Black 12pt
ARP671-1002	M8 x 1.25" x 25 Black 12pt
ARP671-1013	M8 x 1.25" x 80 Black 12pt
ARP672-1002	M10 x 1.50" x 25 Black 12pt
ARP673-1006	M10 x 1.25" x 45 Black 12pt
ARP673-1010	M10 x 1.25" x 80 Black 12pt
ARP741-0750	5/16"-24 x 0.750" Black 12pt
ARP741-1500	5/16"-24 x 1.500" Black 12pt
ARP752-1000	3/8"-24 x 1.000" Black 3/8" 12pt
ARP743-1000	7/16"-20 x 1.000" Black 12pt

STAINLESS STEEL BOLTS (5 PACK)

PART #	DESCRIPTION
ARP611-0515	1/4"-20 x 0.515" SS 12pt
ARP611-0750	1/4"-20 x 0.750" SS 12pt
ARP611-1000	1/4"-20 x 1.000" SS 12pt
ARP611-1250	1/4"-20 x 1.250" SS 12pt
ARP612-0750	5/16"-18 x 0.750" SS 12pt
ARP612-1000	5/16"-18 x 1.000" SS 12pt
ARP612-1250	5/16"-18 x 1.250" SS 12pt
ARP612-1500	5/16"-18 x 1.500" SS 12pt
ARP613-1000	3/8"-16 x 1.000" SS 3/8" 12pt
ARP613-1250	3/8"-16 x 1.250" SS 3/8" 12pt
ARP613-1500	3/8"-16 x 1.500" SS 3/8" 12pt
ARP613-1750	3/8"-16 x 1.750" SS 3/8" 12pt
ARP613-2000	3/8"-16 x 2.000" SS 3/8" 12pt
ARP621-0750	1/4"-20 x 0.750" SS Hex
ARP621-1000	1/4"-20 x 1.000" SS Hex
ARP622-0750	5/16"-18 x 0.750" SS Hex
ARP622-1000	5/16"-18 x 1.000" SS Hex
ARP622-1250	5/16"-18 x 1.250" SS Hex
ARP623-1000	3/8"-16 x 1.000" SS 3/8" Hex
ARP623-1250	3/8"-16 x 1.250" SS 3/8" Hex
ARP623-1500	3/8"-16 x 1.500" SS 3/8" Hex
ARP623-2000	3/8"-16 x 2.000" SS 3/8" Hex
ARP711-1000	1/4"-28 x 1.000" SS 12pt
ARP712-0750	5/16"-24 x 0.750" SS 12pt
ARP770-1001	M6 x 1.00" x 20 SS 12pt
ARP770-1002	M6 x 1.00" x 25 SS 12pt
ARP770-1016	M6 x 1.00" x 12 SS 12pt
ARP770-1017	M6 x 1.00" x 16 SS 12pt
ARP771-1002	M8 x 1.25" x 25 SS 12pt
ARP771-1003	M8 x 1.25" x 30 SS 12pt

CAM BOLTS

ARP quality delivers increased pre-load clamping force and assures positive timing gear register. Includes appropriate fasteners for your application. Increased material strength overcomes valve train harmonics and stress. Added features include oversized bolt head flange for cam button retention and reduced socket head size to facilitate easy installation and removal. Available in both High Performance and Pro Series kits.

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BALANCER BOLT KITS

PART #	DESCRIPTION
ARP102-2501	Nissan 2.6L RB26 Balancer Bolt Kit
ARP120-2501	Buick 3/4-16 Balancer Bolt Kit
ARP134-2501	SB Chevy Balancer Bolt Kit
ARP134-2503	SBC Square Drive Balancer Bolt Kit
ARP135-2501	BB Chevy Balancer Bolt Kit
ARP135-2503	BB Chevy Square Drive Balancer Bolt Kit
ARP145-2503	Chrysler BB Square Drive Balancer Bolt Kit
ARP147-2501	Dodge 5.7/6.1L Hemi Balancer Bolt Kit
ARP147-2502	Cummins 5.9L 12/24V Diesel Balancer Bolt Kit
ARP147-2503	Cummins 6.7L 24V Diesel Balancer Bolt Kit
ARP150-2501	Ford 5/8-18 Balancer Bolt Kit
ARP150-2503	All Ford Except 351C Square Drive
ARP150-2505	Ford 6.4L Diesel Balancer Bolt Kit
ARP150-2506	Ford 6.4L Diesel Crank Flange
ARP154-2501	Ford 5/8-18 Balancer Bolt Kit
ARP156-2501	Ford 4.6L V8 12pt Balancer Bolt Kit
ARP156-2502	Ford 5.0L Coyote Balancer Bolt Kit
ARP180-2501	Olds 3/4-16 Balancer Bolt Kit
ARP190-2501	Pontiac Balancer Bolt Kit
ARP207-2501	Mitsubishi 4G63 Balancer Bolt Kit
ARP208-2501	Honda B16/B18 Balancer Bolt Kit
ARP234-2501	SB Chevy Balancer Bolt Kit
ARP234-2502	7/16" Balancer Bolt Kit
ARP234-2503	LS1, LS6 5.7L & 6.0L Balancer Bolt Kit
ARP234-2504	SBC LS7 & GENV LT1 Balancer Bolt Kit
ARP235-2501	BB Chevy Balancer Bolt Kit
ARP235-2502	1" Balancer Bolt Kit
ARP240-2501	Chrysler 318-440CID V8 Balancer Bolt Kit
ARP245-2501	KB Hemi 3/4" 12pt Socket Balancer Bolt Kit
ARP251-2501	Ford Duratech Balancer Bolt Kit

CAM BOLT KITS

PART #	DESCRIPTION
ARP107-1002	Mitsubishi 4G63 Cam Sprocket Bolt Kit
ARP134-1001	SB Chevy Cam Bolt Kit
ARP134-1002	LS1 Chevy Cam Retainer Bolt Kit
ARP134-1003	LS1 Chevy Cam Bolt Kit
ARP144-1001	Mopar V8, 3-Bolt Pattern Cam Bolt Kit
ARP154-1001	SB Ford 3/8" Cam Bolt Kit
ARP154-1002	Ford 351C-351M Cam Bolt Kit
ARP155-1001	BB Ford 3/8" Cam Bolt Kit
ARP155-1002	Ford FE Eng 7/16" Cam Bolt Kit
ARP190-1001	Pontiac 350-455 '55-'78 Cam Bolt Kit
ARP234-1001	SB Chevy 5/16" Pro Cam Bolt Kit
ARP244-1001	Mopar V8, 3-Bolt Pattern Cam Bolt Kit
ARP250-1001	Ford 351 SVO Cam Ret. Plate Bolt Kit
ARP254-1001	Ford Cam Bolt Kit 3/8-16 x 1.46"
ARP255-1001	Ford Cam Bolt Kit 460
ARP255-1002	Ford Cam Bolt Kit 360 Truck
ARP256-1001	Ford 4.6L V8 Cam Sprocket Bolt Kit
ARP256-1002	Ford Mod Cam Sprocket Bolt Kit
ARP300-1001	Chevy Cam Bolt Kit 5/16" x .750"

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CARBURETOR STUD KITS

Feature J-form threads to resist loosening from vibration. They're offered in a variety of heights to accommodate most any combination of carb and spacer, and are available in 8740 chrome moly with a black oxide finish or rust-proof stainless steel. All carb stud kits come with hex nuts and washers.

PART #	DESCRIPTION
ARP200-2401	5/16" Carb Spacer Stud Kit
ARP200-2402	1" Carb Spacer Stud Kit
ARP200-2403	1/2" Carb Spacer Stud Kit
ARP200-2404	2" Carb Spacer Stud Kit
ARP200-2405	3" Carb Spacer Stud Kit
ARP200-2408	1.25" Moroso Carb Spacer Stud Kit
ARP200-2409	2" Moroso Carb Spacer Stud Kit
ARP200-2412	Dominator w/1/2" or 1"
ARP200-2413	Quadrajct w/1/4" Base Gasket
ARP200-2414	Dominator Carb (NO SPACER)
ARP200-2415	Dominator w/Spacer Stud Kit
ARP200-2416	HP Dominator w/NO Spacer
ARP200-2417	HP Dominator w/1/2" Spacer
ARP200-2418	HP Dominator w/1" Spacer
ARP300-2401	Standard 5/16" 4P
ARP300-2402	1/2", DRI Carb Spacer Stud Kit
ARP300-2403	1" Carb Spacer Stud Kit
ARP300-2404	2" Carb Spacer Stud Kit
ARP300-2406	2" Carb Spacer Stud Kit
ARP300-2407	1" Moroso Carb Spacer Stud Kit
ARP300-2408	1.25" Moroso Carb Spacer Stud Kit
ARP300-2409	2" Moroso Carb Spacer Stud Kit

CARBURETOR STUD KITS SS

PART #	DESCRIPTION
ARP400-0310	Holley Float Bowl Kit
ARP400-0311	Holley Float Bowl Kit
ARP400-0312	Holley Float Bowl Kit
ARP400-0313	All Carter OE, Carter/Edelbrock
ARP400-2401	STD SS Carburetor Stud Kit
ARP400-2402	1" SS Carburetor Stud Kit
ARP400-2403	1/2" SS Carburetor Stud Kit
ARP400-2408	1.25" Moroso Carburetor Stud Kit
ARP400-2412	Dominator w/1/2" or 1" Spacer
ARP400-2413	Quadrajct w/1/4" Base Gasket
ARP400-2414	Dominator Stud Kit (NO SPACER)



DISTRIBUTOR STUD KITS

ARP offers premium grade studs, which are equipped with vibration-resistant J-form threads, in black oxide finished chrome moly or rust-proof stainless steel. A special bullet nose helps guide nut into place without cross-threading. Choice of conventional hex or space-saving 12 point nuts. Washers included.

PART #	DESCRIPTION
ARP130-1701	Chevy Dist. Stud Kit CM 12pt
ARP130-1702	Chevy Dist. Stud Kit CM Hex
ARP150-1701	Ford Dist. Stud Kit CM 12pt
ARP150-1702	Ford Dist. Stud Kit CM Hex
ARP190-1701	Pont Dist. Black 12pt Stud Kit
ARP190-1702	Pont Dist. Black Hex Stud Kit

DISTRIBUTOR STUD KITS SS

PART #	DESCRIPTION
ARP430-1701	Chevy Dist. Stud Kit SS 12pt
ARP430-1702	Chevy Dist. Stud Kit SS Hex
ARP450-1701	Ford Dist. Stud Kit SS 12pt
ARP450-1702	Ford Dist. Stud Kit SS Hex
ARP490-1701	Pont Dist. Stud Kit SS 12pt
ARP490-1702	Pont Dist. Stud Kit SS Hex



FRONT MANDREL BOLT KITS

Get maximum reliability through the use of ARP's rugged 8740 chrome moly steel front mandrel bolts. They're undercut to provide the required stretch, shot-peened for extra durability and designed for full thread engagement.

PART #	DESCRIPTION
ARP330-0701	GM Mandrel Bolt Kit 7/16" x 6.00"
ARP330-0702	GM Mandrel Bolt Kit 1/2" x 6.00"
ARP330-0703	GM Mandrel Bolt Kit 7/16" x 6.250"
ARP330-0704	GM 1/2" Front Mandrel Bolt Kit
ARP330-0705	GM 1/2" Front Mandrel Bolt Kit
ARP330-0706	GM 1/2" Front Mandrel Bolt Kit
ARP330-0707	GM 1/2" Front Mandrel Bolt Kit
ARP330-0708	GM Mandrel Bolt Kit 7/16" x 5.0"
ARP330-0709	GM Mandrel Bolt Kit 7/16" x 5.5"
ARP350-0701	Ford Mandrel Bolt Kit
ARP350-0702	Ford Mandrel Bolt Kit
ARP350-0703	Ford 5/8" x 7.0" Mandrel Bolt Kit



FLYWHEEL & FLEXPLATE BOLTS

ARP Flywheel and Flexplate bolts are offered in two styles: The premium grade Pro Series with a 200,000 psi rating and the High Performance Series with an 180,000 psi rating. They are both forged from aerospace alloy and heat-treated prior to thread rolling and machining. Both feature an exclusive, flat, 12-point head design and larger than stock shank diameter for increased strength and improved flywheel register.

PART #	DESCRIPTION
ARP100-2801	Chevy & Ford 7/16" Flywheel Bolt Kit
ARP100-2901	Chevy Internal BAL & Ford 7/16
ARP102-2803	Nissan 2.0L SR20DE/DET 4cyl FL
ARP107-2803	Mitsu 2.0L 4G63 EVO4-9 Flywheel Bolt Kit
ARP147-2802	Dodge Cummins 5.9L DSL Pre'04
ARP151-2801	Ford 2000CC Flywheel Bolt Kit
ARP156-2801	Ford 5.0L Coyote Flywheel Bolt Kit
ARP200-2802	7/16 Pro Flywheel Bolt Kit
ARP200-2807	SB Chevy Flywheel Bolt Kit
ARP200-2902	Chevy Internal Bal & Ford Flex
ARP200-2903	Chrysler 440 7/16" Flexplate
ARP200-2904	Pontiac V8 Flexplate Bolt Kit
ARP200-2905	Chrysler Hemi Flexplate Kit
ARP200-2906	Chevy External Balance Flexplate
ARP203-2801	Toyota 3SGTE Flywheel Bolt
ARP203-2802	Toyota 4AG 10mm Flywheel Bolt
ARP206-2802	BMC A Series Flywheel Bolt Kit
ARP208-2801	Honda 1.5/1.6L SOHC D-SER
ARP208-2802	Honda 1.6/1.7/1.8/2.0L B-Series
ARP209-2801	Vauxhall / Opel 2.0L Flywheel
ARP230-2901	Chevy/GM 6.6L Duramax DSL
ARP240-2801	Chrysler 7/16" Pro Series
ARP244-2901	SBC LS Series Flexplate Bolt Kit
ARP245-2801	Chrysler 1/2" Pro Series
ARP251-2802	Ford 1.8/2.0 L Duratech Flywheel
ARP254-2801	Ford Mod. 4.6 & 5.4 Flywheel
ARP254-2901	Ford Mod. 4.6 & 5.4 Flexplate
ARP290-2802	Pontiac Flywheel Bolt Kit
ARP330-2801	Chevy w/Tilton Flywheel Bolt Kit
ARP330-2802	Chevy LS1 Flywheel Bolt Kit

FUEL PUMP BOLT KITS

PART #	DESCRIPTION
ARP130-1601	Chevy 12pt Fuel Pump Bolt Kit
ARP130-1602	Chevy Hex Fuel Pump Bolt Kit
ARP134-8701	Chevy Fuel Pump Push Rod Kit
ARP135-8701	BB Chevy Fuel Pump Push Rod
ARP190-1601	Pontiac Fuel Pump Bolt 12pt
ARP190-1602	Pontiac Fuel Pump Bolt Hex

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HEAD BOLTS

All Pro Series bolts are designed for competition applications and are rated nominally at 200,000 psi. Available with undercut short bolts that can help eliminate head gasket failures through providing more "stretch" to balance the longer bolts and compensate for the additional compression of gaskets.



HEAD BOLT KITS

PART #	DESCRIPTION
ARP134-3601	SB Chevy 6pt Head Bolt Kit
ARP134-3609	SB Chevy LS1 Hex Head Bolt Kit
ARP134-3610	SB Chevy LS6 Hex Head Bolt Kit
ARP134-3701	SB Chevy 12pt Head Bolt Kit
ARP135-3601	BB Chevy 6pt Head Bolt Kit
ARP135-3602	BB Chevy 409 Hex Head Bolt Kit
ARP135-3603	BB Chevy w/Dart-Chevy Bowtie Hex Head Bolt Kit
ARP135-3605	BB Exhaust Bolts Only 8pcs
ARP135-3606	BB Chevy w/Brdx Alum HD Hex Head Bolt Kit
ARP135-3607	BB Chevy Markv w/502 Heads Head Bolt Kit
ARP135-3610	BB Chevy Edelbrock Head Bolt Kit HD#8551
ARP135-3703	BB Chevy w/Dart-Chevy Bowtie 12pt Head Bolt Kit
ARP144-3601	Mopar "A" Engine w/W2-cyl Hex Head Bolt Kit
ARP144-3602	Mopar "A" Engine Head Bolt Kit
ARP144-3605	SB Chrysler/Edelbrock Mag Head Bolt Kit
ARP145-3606	Mopar "B" RB & Wedge Head Bolt Kit
ARP145-3706	Mopar "B" RB & Wedge 12pt Head Bolt Kit
ARP146-3601	Jeep 4.0L Inline 6pt Head Bolt Kit
ARP154-3601	SB Ford Hex Head Bolt Kit
ARP154-3603	351 Windsor Head Bolt Kit
ARP154-3604	351 Cleveland Ford HD Bolt Kit
ARP154-3605	SB Ford 289-302 w/351 Heads In
ARP154-3701	SB Ford 12pt Head Bolt Kit
ARP155-3601	BB Ford Hex Head Bolt Kit
ARP155-3603	Ford 460 Head Bolt Kit
ARP180-3600	350-455 Olds Head Bolt Kit
ARP190-3605	Pontiac Head Bolt Kit w/Edelbrock
ARP190-3607	Pontiac '67 & Later 350-455CID Head Bolt Kit
ARP203-3902	Toyota Supra 12pt Head Bolt Kit
ARP204-3901	VW 1.8L Turbo 20V M10 w/o Tool



HEAD STUD KITS

PART #	DESCRIPTION
ARP102-4701	Nissan SR20DE/DET Head Stud Kit
ARP134-4001	SB Chevy Head Stud Kit
ARP154-4001	Ford 289-302 STD Head Stud Kit
ARP156-4101	Ford Modular 4.6L 2&4V Hex Head Stud Kit
ARP201-4302	BMW M50 2.5L 6cyl 12pt Head Stud Kit
ARP202-4301	Nissan RB20 RB20DET RB25 RB25D
ARP203-4205	Toyota Supra 2JZGE/GTE Head Stud Kit
ARP207-4201	Mitsubishi 2.0 16V 4G63 Head Stud Kit
ARP207-4203	Mitsubishi M11 4G63 '94UP Head Stud Kit
ARP208-4301	Honda D16A/D16Z M10 Head Stud Kit
ARP208-4302	Honda/Acura B18A1 Head Stud Kit w/12pt
ARP208-4303	Acura Vtec B18C1 Head Stud Kit
ARP208-4304	H22A Prelude 22L Head Stud Kit
ARP208-4305	Honda D16Y Head Stud Kit
ARP208-4306	Honda B20B W/B16A Head, Head Stud Kit
ARP208-4601	B16A Honda Head Stud Kit
ARP208-4701	Honda/Acura K20A Head Stud Kit
ARP218-4701	Mazda Miata Head Stud Kit
ARP230-4201	Chevy Duramax Diesel Head Stud Kit
ARP234-4301	SB Chevy 12PT Head Stud Kit
ARP234-4316	SB Chevy LS1 Pro-Series thru 2003
ARP234-4317	SB Chevy LS1 Pro-Series 2004 12pt
ARP244-4300	5.7-6.1L Hemi Head Stud Kit
ARP247-4202	Dodge Cummins 5.9L/6.7L 24V '9
ARP247-4203	Dodge Cummins '94-'98 5.9L 12V
ARP247-4204	Dodge Cummins 5.9L/6.7L 24V '9
ARP250-4201	Ford 7.3L Powerstroke Diesel '93'
ARP250-4202	Ford 6.0L Powerstroke Diesel ARP20
ARP250-4203	Ford 6.4L Powerstroke Diesel
ARP250-4206	Ford 6.0L Powerstroke Diesel M8 INN
ARP260-4701	Subaru EJ2.0L & 2.5L Head Stud Kit



ARP manufactures a variety of premium grade bolt and stud kits to facilitate installation of exhaust headers including the popular stainless stud kit with 12-point nuts. The Stainless material is not affected by corrosion or extreme heat, making it ideal for the application. What's more, the compact 12-point nut lets you easily slip a socket close to the pipe. Studs are manufactured with a unique nut-starter nose that helps prevent cross-threading. Studs and bolts come either black oxide chrome moly or Stainless.

HEADER BOLT/STUD KITS

PART #	DESCRIPTION
ARP100-1101	SBC 3/8" Hex Header Bolt Kit
ARP100-1102	BB Chevy & Ford 3/8" Hex Header Bolt Kit
ARP100-1103	SBC 3/8" Drilled Hex Header Bolt Kit
ARP100-1107	3/8" Hex Header Bolt Kit
ARP100-1108	3/8" Hex Header Bolt Kit
ARP100-1109	3/8" Hex Header Bolt Kit
ARP100-1110	3/8" Hex Header Bolt Kit
ARP100-1111	Chevy SB Hex Header Bolt Kit
ARP100-1112	Chevy BB Hex Header Bolt Kit
ARP100-1201	SB Chevy 3/8" 12pt Header Bolt Kit
ARP100-1202	BB Chevy & Ford 3/8" 12pt Header Bolt Kit
ARP100-1207	3/8" 12pt Header Bolt Kit
ARP100-1209	3/8" 12pt Header Bolt Kit
ARP100-1210	3/8" 12pt Header Bolt Kit
ARP100-1211	SB Chevy 12pt 1" Header Bolt Kit
ARP100-1212	BB Chevy 12pt Header Bolt Kit
ARP100-1402	SB Chevy 3/8" Header Stud Kit 12pcs
ARP100-1403	BB Chevy 3/8" Header Stud Kit 16pcs
ARP100-1404	Ford 3/8" Header Stud Kit 16pcs
ARP100-1411	Header Stud Kit 12pt 3/8"-5/16"
ARP100-1412	SB Chevy 3/8" Header Stud Kit 12pcs
ARP100-1413	BB Chevy 3/8" Header Stud Kit 16pcs Hex
ARP100-1414	Ford 3/8" Header Stud Kit 16PCS Hex
ARP134-1101	SB Chevy GENIII/LS 1/4" Flange Hex
ARP134-1102	SB Chevy GENIII/LS 3/8" Flange Hex
ARP134-1201	SB Chevy GENIII/LS 1/4" Flange 12pt
ARP134-1202	SB Chevy GENIII/LS 3/8" Flange 12pt
ARP144-1102	SB Mopar 340-360 Header Bolt Kit
ARP144-1202	SB Mopar 340-360 Header Bolt Kit
ARP235-4106	BB Exhaust (STUDS ONLY) 8pcs

HEADER BOLT/STUD KITS SS

PART #	DESCRIPTION
ARP400-1101	SB Chevy SS Hex Header Bolt Kit
ARP400-1102	BB Chevy/Ford SS Hex Header Bolt Kit
ARP400-1104	SB Chevy SS Hex Header Bolt Kit
ARP400-1107	3/8" Hex Header Bolt Kit
ARP400-1108	3/8" Hex Header Bolt Kit
ARP400-1109	3/8" Hex Header Bolt Kit
ARP400-1110	3/8" Hex Header Bolt Kit
ARP400-1111	Chevy SB SS Hex Header Bolt Kit
ARP400-1112	Chevy BB SS Hex Header Bolt Kit
ARP400-1201	SB Chevy SS Header Bolt Kit -12pt
ARP400-1202	BB Chevy/Ford 12pt SS Header Bolt Kit
ARP400-1204	BB Chevy 12pt SS Header Bolt Kit
ARP400-1207	3/8" 12pt Header Bolt Kit
ARP400-1208	3/8" 12pt Header Bolt Kit
ARP400-1209	3/8" 12pt Header Bolt Kit
ARP400-1210	3/8" 12pt Header Bolt Kit
ARP400-1211	SB Chevy 12pt SS Header Bolt Kit
ARP400-1212	BB Chevy 12pt SS Header Bolt Kit
ARP400-1402	3/8" SS Header Stud Kit 12pcs
ARP400-1403	3/8" SS Header Stud Kit 16pcs
ARP400-1404	Ford 3/8" SS Header Stud Kit
ARP400-1412	3/8" SS Header Stud Kit Hex
ARP400-1413	3/8" SS Header Stud Kit 16pcs
ARP434-1101	SB Chevy GENIII/LS 1/4" Flange SS Hex
ARP434-1102	SB Chevy GENIII/LS 3/8" Flange SS Hex
ARP434-1201	SB Chevy GENIII/LS 1/4" Flange SS 12pt
ARP434-1202	SB Chevy GENIII/LS 3/8" Flange SS 12pt
ARP434-1301	LS1 Header Stud Kit
ARP444-1102	SB Mopar Hex SS Header Bolt Kit
ARP444-1202	SB Mopar 12pt SS Header Bolt Kit

MAIN STUD KITS

PART #	DESCRIPTION
ARP134-5401	SB Chevy 2-Bolt Main Stud Kit
ARP134-5601	SB Chevy 4-Bolt Main Stud Kit
ARP135-5402	BB Chevy 2-Bolt Main Stud Kit
ARP135-5601	BB Chevy 4-Bolt Main Stud Kit
ARP140-5401	Mopar All V8 EXC 426 Hemi
ARP140-5402	Mopar V8 MSK w/12pt Nuts
ARP154-5401	Ford 289-302 2-Bolt Main Stud Kit
ARP154-5403	Ford 351W 2-Bolt Main Stud Kit
ARP155-5402	Ford 460CI 385 Series 2-Bolt Main Stud Kit
ARP156-5401	Ford Modular 4.6L 2V 2-Bolt Main Stud Kit
ARP165-5401	Saturn 1.9L 2-Bolt Main Stud Kit
ARP194-5401	Pontiac 400 2-Bolt Main Stud Kit
ARP201-5000	BMW M50 2-Bolt Main Stud Kit
ARP201-5001	BMW 1.5L-2.0L (M10) & 2.3L (S1)
ARP202-5402	Nissan 2.0L SR20/DET 4cyl Main Stud Kit
ARP202-5403	Nissan RB26 Inline 6cyl Main Stud Kit
ARP203-5405	Toyota 2JZA80 Supra Main Stud Kit
ARP204-5402	VW Water-Cooled Main Stud Kit
ARP204-5408	VW/Audi 2.0L (FSI) 4cyl Main Stud Kit
ARP205-5401	Holden V8 Main Stud Kit
ARP207-5403	Mitsubishi 2.0L (4B11) Main Stud Kit
ARP208-5403	Acura B18CI Main Stud Kit
ARP208-5404	Acura B18A1/B1 Main Stud Kit
ARP218-5401	Mazda Miata Main Stud Kit
ARP218-5402	Mazda 2003 2.3L DOHC 16V Main Stud Kit
ARP234-5602	SB Chevy 4-Bolt Splayed
ARP234-5608	SB Chevy LS1 Main Stud Kit
ARP235-5502	BB Chevy 2-Bolt w/Windage Main Stud Kit
ARP244-5400	Chrysler 5.7L/6.1L Hemi Main Stud Kit

INTAKE MANIFOLD BOLT & STUD KITS

Prevent intake manifold leaks with ARP's quality fasteners. They're nominally rated at 180,000 psi and precision machined for optimum thread engagement. Wide underhead flange and companion washers provide even load distribution. Precision rolled threads prevent galling while promoting more consistent torque loading. Facilitates optimum sealing of gasket surfaces. Available in choice of black oxide finish chrome moly or corrosion resistant stainless steel, as well as hex or 12-point heads.

INTAKE MANIFOLD BOLT KITS SS

PART #	DESCRIPTION
ARP334-2102	SB Chevy Drilled Intake Manifold Bolt Kit
ARP334-2103	SB Chevy Drilled Intake Manifold Bolt Kit
ARP414-2101	AMC SS 12pt Intake Manifold Bolt Kit
ARP423-2001	Buick V6,3.8L Intake Manifold Bolt Kit
ARP430-2001	Chevy LS1, LS4, LS6, LM7-5.3,
ARP430-2101	Chevy LS1, LS4, LS6, LM7-5.3,
ARP434-2001	SB Chevy Hex SS Intake Manifold Bolt Kit
ARP434-2002	SB Chevy Vortec SS
ARP434-2101	SB Chevy 12pt SS Intake Manifold Bolt Kit
ARP434-2102	SB Chevy Vortec Intake SS Kit
ARP434-8001	LS1 LS2 Hex Valley Cover Bolt
ARP434-8002	LS1 LS2 12pt Valley Cover Bolt
ARP435-2001	BB Chevy Hex SS Intake Manifold Bolt Kit
ARP435-2002	BB Chevy 502 SS Hex
ARP435-2101	BB Chevy 12pt SS Intake Manifold Bolt Kit
ARP435-2102	502 BB Chevy SS 12pt
ARP444-2001	SB Mopar Hex SS Intake Manifold Bolt Kit
ARP444-2101	SB Mopar 12pt SS Intake Manifold Bolt Kit
ARP454-2001	SB Ford SS Hex Intake Manifold Bolt Kit
ARP454-2003	351 Windsor SS Hex
ARP454-2004	Ford 351C SS Hex Intake Manifold Bolt Kit
ARP454-2101	SB Ford SS 12pt SS Intake Manifold Bolt Kit
ARP454-2103	351 Windsor SS 12pt
ARP454-2104	Ford 351C SS 12pt Intake Manifold Bolt Kit
ARP455-2001	BB Ford SS Hex Intake Manifold Bolt Kit
ARP455-2002	BB Ford FE Series Hex SS
ARP455-2101	BB Ford 12pt SS Intake Manifold Bolt Kit
ARP455-2102	BB Ford FE Series 12pt SS
ARP494-2001	350-400 Pont SS Hex
ARP494-2101	350-400 Pont SS 12pt

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MAIN BOLT KITS

PART #	DESCRIPTION
ARP125-5201	Buick 455 CI 2-Bolt Main Bolt Kit
ARP134-5001	SB Chevy 2-Bolt Large Journal
ARP134-5002	SB Chevy 2-Bolt Small Journal
ARP134-5202	SBC 4-Bolt Main Large Journal
ARP134-5204	SB Chevy Dart Shp Main Bolt Kit
ARP135-5002	396-454 Chevy 2-Bolt Main Bolt Kit
ARP135-5201	BB Chevy 4-Bolt Main Bolt Kit
ARP135-5202	BBS/WP Merlin II & III Iron BL
ARP145-5201	426 Hemi Mopar 4-Bolt Main Bolt Kit
ARP146-5001	Jeep 4.0L Inline 6 Main Bolt Kit
ARP154-5001	SB Ford 2-Bolt Main Bolt Kit
ARP154-5003	Ford 351W 2-Bolt Main Bolt Kit
ARP154-5004	Ford 351C 2-Bolt Main Bolt Kit
ARP155-5201	390-428 FE Series Ford Main Bolt Kit
ARP155-5202	429-460 385 Series Ford Main Bolt Kit
ARP154-5204	Ford 351C 4-Bolt Main Bolt Kit
ARP156-5001	Ford Modular V8-Main Cap Side Bolt
ARP156-5002	Ford Modular V8-Main Cap Side Bolt
ARP156-5201	Ford Modular V8-Main Cap Side Bolt
ARP156-5202	Ford Modular V8-Main Cap Side Bolt
ARP156-5203	Ford Modular Boss 5.0L Main Side Bolt
ARP184-5001	350 Olds 2-Bolt Main Main Bolt Kit
ARP185-5001	Olds V8 350-403, 455 2-Bolt Main Bolt Kit
ARP203-5001	Toyota 1.6L (4AGE) Main Bolt Kit
ARP204-5001	Porsche 996 Main Bolt Kit
ARP205-5001	Holden V8-Main Bolt Kit
ARP206-5002	MGB 5-Main Bolt Kit
ARP207-5201	Mitsu 2.0L (4B11) Turbo Main Bolt Kit
ARP234-5201	SBC 4-Bolt Large JRL 12pt Main Bolt Kit
ARP260-5001	Subaru 2.0L FA20 4cyl Main Bolt Kit



NUT KITS

PART #	DESCRIPTION
ARP200-8104	3/8"-24 Hex Jut Nut
ARP200-8202	1/4"-28 12pt Self Locking Nut
ARP200-8203	5/16"-24 12pt Self Locking Nut
ARP200-8204	3/8"-24 12py Self Locking Nut
ARP200-8601	1/4"-28 Hex Nut
ARP200-8602	5/16"-24 Hex Rod Nut
ARP200-8604	3/8"-24 Hex Rod Nut
ARP200-8605	7/16" & 5/8" H&M Hex Nut
ARP200-8606	7/16" & 11/16" Hex Main Nut
ARP200-8607	1/2" H&M Hex Nut
ARP300-8300	1/4"-28 12pt Nut
ARP300-8301	5/16"-24 12pt Nut
ARP300-8302	3/8"-24 12pt Nut
ARP300-8303	7/16"-20 12pt Nut
ARP300-8304	1/2"-20 12pt Nut
ARP300-8305	9/16"-18 12pt Nut
ARP300-8306	1/2" 12pt Nut 5/8" Socket
ARP300-8307	M12 x 1.25" 12pt Nut STD Collar
ARP300-8308	M12 x 1.25" 12pt Nut .750" O.D.
ARP300-8310	M8 x 1.25" 12pt Nut
ARP300-8312	8mm x 1.25" 12pt Nut
ARP300-8332	3/8" 12pt Nut (10pk)
ARP300-8333	7/16"-20 12pt Nut (10pk)
ARP300-8334	1/2"-20 12pt Nut (10pk)
ARP300-8343	M10 x 1.25 M16 O.D. 12pt Nut
ARP300-8345	M10 x 1.50" 1/2" 12pt Nut
ARP300-8344	M10 x 1.25 M18 O.D. 12pt Nut
ARP300-8371	3/8"-24 12pt Nut 1/2 Wrench (1pk)
ARP300-8372	3/8"-24 12pt Nut (1pk)
ARP300-8374	7/16"-20 12pt Nut 9/16" Wrench
ARP301-8302	1/2"-13 12pt Blk Nut
ARP301-8303	5/16"-18 12pt Blk Nut
ARP301-8313	1/2"-20 12pt Nut 11/16" Wrench

NUT KITS SS

PART #	DESCRIPTION
ARP400-8300	1/4"-28 SS 12pt Nut
ARP400-8301	5/16"-24 SS 12pt Nut
ARP400-8302	3/8"-24 SS 12pt Nut
ARP400-8303	7/16"-20 SS 12pt Nut (1pk)
ARP400-8310	M8 x 1.25" 12pt SS M10 Wrench
ARP400-8330	1/4"-28 SS 12pt Nut (10pk)
ARP400-8332	3/8"-24 SS 12pt Nut Kit (10pk)
ARP400-8333	7/16"-20 SS 12pt Nut (10pk)
ARP400-8340	M8 x 1" SS 12pt Nut M10 Wrench
ARP400-8344	M10 x 1.25" SS 12pt M12 Wrench
ARP400-8345	M10 x 1.50" 12pt SS Nut
ARP400-8370	M6 x 1" 12pt SS Nut (1pk)
ARP400-8604	3/8"-24 SS Hex Nut
ARP400-8607	1/2"-20 SS Hex Nut
ARP400-8610	5/16"-24 Flanged SS Hex Nut
ARP400-8651	1/4"-20 SS Hex Nut Coarse (5pk)
ARP400-8652	5/16"-18 SS Hex Nut Coarse (5pk)
ARP400-8654	3/8"-16 SS Hex Nut Coarse (5pk)
ARP400-8661	1/4"-20 SS Hex Nut Nyloc Coarse
ARP400-8662	5/16"-18 SS Hex Nut Coarse Nyloc
ARP400-8664	3/8"-16 SS Hex Nut Coarse Nyloc
ARP400-8666	7/16"-14 SS Hex Nyloc Nut (5pk)
ARP400-8704	3/8"-16 SS Hex Nut
ARP400-8751	1/4"-28 SS Hex Nut Fine (5pk)
ARP400-8752	5/16"-24 SS Hex Nut Fine (5pk)
ARP401-8300	1/4"-20 SS 12pt Nut (1pk)
ARP401-8301	3/8"-16 SS 12pt Nut (1pk)
ARP401-8302	1/2"-13 SS 12pt Nut
ARP401-8303	5/16"-18 SS 12pt Nut (1pk)
ARP401-8306	7/16"-14 SS 12pt Nut (1pk)

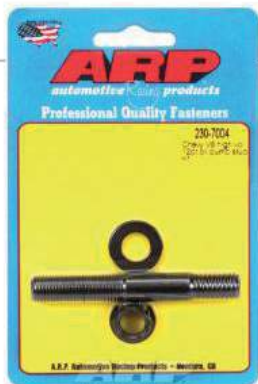
OIL PAN BOLT KITS

ARP's premium grade pan bolts combine sealing efficiency with good looks. They are available in black oxide finished chrome moly steel or rust-proof stainless steel. Also, take your pick from conventional hex bolt heads and a space-saving 12-point design. Includes washers.

PART #	DESCRIPTION
ARP134-1801	SB Chevy 1-PC Oil Pan Gasket 12pt B
ARP134-1802	SB Chevy 1-PC Oil Pan Gasket Hex Bolt Kit
ARP134-6901	SB Chevy LS1 LS2 Hex Oil Pan Bolt
ARP134-6902	SB Chevy LS1 LS2 12pt Oil Pan Bolt
ARP135-1801	BB Chevy 1-PC Oil Pan Gasket w/Alum
ARP135-1802	BB Chevy 1-PC Oil Pan Gasket w/Alum
ARP200-1801	SB Mopar 12pt Oil Pan Bolt Kit
ARP200-1802	SB Mopar Hex Oil Pan Bolt Kit
ARP200-1901	Mopar & Pont Oil Pan Stud Kit
ARP200-1902	Mopar & Pont Oil Pan Stud Kit
ARP234-1801	SB Chevy 12pt Oil Pan Bolt Kit
ARP234-1802	SB Chevy Hex Oil Pan Bolt Kit
ARP234-1901	SB Chevy Hex Oil Pan Stud Kit
ARP234-1902	SB Chevy 12pt Oil Pan Stud Kit
ARP235-1801	BB Chevy 12pt Oil Pan Bolt Kit
ARP235-1802	BB Chevy Hex Oil Pan Bolt Kit
ARP235-1901	BB Chevy Hex Oil Pan Stud Kit
ARP235-1902	BB Chevy 12pt Oil Pan Stud Kit
ARP245-1902	KB Hemi 1.700" Oil Pan Stud Kit
ARP245-1904	KB Hemi 1.700" Oil Pan Stud Kit
ARP254-1801	SB Ford 12pt Oil Pan Bolt Kit
ARP254-1802	SB Ford Hex Oil Pan Bolt Kit
ARP254-1803	SB Ford 12pt Oil Pan Bolt Kit
ARP254-1804	SB Ford Hex Oil Pan Bolt Kit
ARP254-1901	SB Ford Hex Oil Pan Stud Kit
ARP254-1902	SB Ford 12pt Oil Pan Stud Kit
ARP254-1903	302/351W Oil Pan w/Side Rail
ARP254-1904	302/351W Oil Pan w/Side Rail
ARP255-1801	Ford FE Series 12pt BLK Oil Pan Bolt Kit
ARP255-1802	Ford FE Series Hex BLK Oil Pan Bolt Kit

OIL PAN BOLT KITS SS

PART #	DESCRIPTION
ARP400-1801	SB Mopar & Pont Oil Pan Bolt Kit
ARP400-1802	SB Mopar Hex SS Oil Pan Bolt Kit
ARP400-1902	SB Mopar & Pont Oil Pan Bolt Kit
ARP434-1801	SB Chevy 12pt SS Oil Pan Bolt Kit
ARP434-1802	SB Chevy Hex SS Oil Pan Bolt Kit
ARP434-1803	SB Chevy 1-PC Oil Pan Gasket SS 12pt
ARP434-1804	SB Chevy 1-PC Oil Pan Gasket Hex SS
ARP434-1805	SB Chevy 6.2L LT1 SS 12pt Oil Pan Bolt Kit
ARP434-1806	SB Chevy 6.2L LT1 SS Hex Oil Pan Bolt Kit
ARP434-1901	SB Chevy SS Oil Pan Stud Kit
ARP434-6901	LS1/LS2 Oil Pan SS Hex Bolt Kit
ARP434-6902	LS1/LS2 Oil Pan SS 12pt Bolt Kit
ARP435-1801	BB Chevy 12pt SS Oil Pan Bolt Kit
ARP435-1802	BB Chevy Hex SS Oil Pan Bolt Kit
ARP435-1803	BB Chevy 1-PC Oil Pan Gasket w/Alum
ARP435-1804	BB Chevy 1-PC Oil Pan Gasket w/Alum
ARP435-1901	BB Chevy SS Oil Pan Stud Kit
ARP435-1902	BB Chevy SS 12pt Oil Pan Stud Kit
ARP440-1802	Chrysler Hemi 5.7/6.1L Hex Oil
ARP445-1902	KB Hemi 1.700" Oil Pan Stud Kit
ARP454-1801	Ford 351C&W 12pt SS Oil Pan Bolt Kit
ARP454-1802	Ford 351C&W Hex SS Oil Pan Bolt Kit
ARP454-1803	Ford 351C&W 12pt SS Oil Pan Bolt Kit
ARP454-1804	Ford 351C&W Hex SS Oil Pan Bolt Kit
ARP454-1901	SB Ford SS Oil Pan Stud Kit
ARP454-1902	302/351W Oil Pan w/Side Rail
ARP454-1903	SB Ford SS Oil Pan Stud Kit
ARP454-1904	302-351W Oil Pan w/Side Rail
ARP455-1801	Ford FE Series 12pt SS Oil Pan Bolt Kit
ARP455-1802	Ford FE Series Hex SS Oil Pan Bolt Kit



OIL PUMP KITS

ARP has designed an extra heavy-duty shaft that will provide you with the necessary reliability. The shaft is made from heat-treated, premium grade aerospace chrome moly steel. The shaft diameter is a larger diameter than the OEM unit. These features combine to enable ARP shafts to handle the added torque requirements of increased capacity oil pumps or heavy viscosity lubricants.

PART #	DESCRIPTION
ARP130-8802	Deluxe Chevy Oil Pump Primer Kit
ARP134-7901	SB Chevy Oil Pump Drive Shaft Kit
ARP135-7901	BB Chevy Oil Pump Drive Shaft Kit
ARP135-7902	BB Chevy Dart Oil Pump Drive Shaft
ARP150-6901	Ford CM 12pt Oil Pump Bolt Kit
ARP150-6902	Ford CM Hex Oil Pump Bolt Kit
ARP150-8801	SB Ford Oil Pump Primer Kit
ARP150-8802	Ford Oil Pump Primer Stud Kit
ARP154-7005	Ford Oil Pump to Pick Up Stud Kit
ARP154-7901	Ford 351W Oil Pump Drive Shaft
ARP154-7902	Ford FE Series Oil Pump Drive Shaft Kit
ARP154-7903	Ford Oil Pump Drive Shaft Kit
ARP154-7904	Ford 289-302, BOSS 302 Oil Pump Drive Shaft Kit
ARP154-7905	Ford 351C - 400 Oil Pump Drive Shaft Kit
ARP154-7906	OP DS Ford 55-64 272,292,312,Y
ARP230-7001	SB Chevy Hex Oil Pump Stud Kit
ARP230-7002	SB Chevy 12pt Oil Pump Stud Kit
ARP230-7003	SB & BB Chevy Hex Oil Pump Stud Kit
ARP230-7004	SB & BB Chevy 12pt Oil Pump Stud Kit



PRESSURE PLATE BOLT KITS

PART #	DESCRIPTION
ARP101-2201	BMW 1.6L N12/N14 4cyl
ARP102-2201	Nissan RB26 Pressure Plate Bolt Kit
ARP102-2202	Nissan 2.4L (KA24) Pressure Plate Bolt Kit
ARP103-2201	Toyota 2.2L (20R) & 2.4L (22R)
ARP108-2201	Honda Pressure Plate Bolt Kit
ARP108-2202	Honda Pressure Plate Bolt Kit
ARP130-2201	Chevy 3/8"-16 Pressure Plate Bolt Kit
ARP134-2201	LS1 Hex Pressure Plate Bolt Kit
ARP134-2202	LT1 5.7L '92-'97 Pressure Plate Bolt Kit
ARP134-2203	SB Chevy LS Series w/12" Clutch
ARP147-2201	Dodge Hemi 5.7/6.1L
ARP150-2201	Ford 5/16-18 Pressure Plate Bolt Kit



RING COMPRESSOR KITS

ARP's new ring compressors are CNC machined from 6061-T6 billet tube material and feature a true radius for each different bore diameter. What's more they are relieved for wire O-rings on bottom. Type 3 anodizing is used for long life, and the bore size is prominently engraved in 3/4" high numbers for easy identification. Standard stocking sizes from 3.552" to 4.750"(SAE).

RING COMPRESSOR KITS

PART #	DESCRIPTION
ARP899-7800	Ring Compressor 3.780"
ARP900-0000	Ring Compressor 4.000"
ARP900-0200	Ring Compressor 4.020"
ARP900-0300	Ring Compressor 4.030"
ARP900-0400	Ring Compressor 4.040"
ARP900-0550	Ring Compressor 4.055"
ARP900-0600	Ring Compressor 4.060"
ARP900-0700	Ring Compressor 4.070"
ARP900-1250	Ring Compressor 4.125"
ARP900-1550	Ring Compressor 4.155"
ARP900-1650	Ring Compressor 4.165"
ARP900-1850	Ring Compressor 4.185"
ARP900-3100	Ring Compressor 4.310"
ARP900-3200	Ring Compressor 4.320"
ARP900-3500	Ring Compressor 4.350"
ARP900-3900	Ring Compressor 4.390"
ARP900-4700	Ring Compressor 4.470"
ARP900-5000	Ring Compressor 4.500"
ARP900-5300	Ring Compressor 4.530"
ARP900-5600	Ring Compressor 4.560"
ARP900-6000	Ring Compressor 4.600"
ARP900-6250	Ring Compressor 4.625"
ARP901-8100	Ring Compressor 81.00m
ARP901-8300	Ring Compressor 83.00m
ARP901-8400	Ring Compressor 84.00m
ARP901-8600	Ring Compressor 86.00m
ARP901-8650	Ring Compressor 86.50m
ARP901-8750	Ring Compressor 87.50m
ARP901-8850	Ring Compressor 88.50m
ARP901-9400	Ring Compressor 94.00m

PART #	DESCRIPTION
ARP150-2202	Ford Mustang '86-'95 5.0L
ARP156-2201	Ford Mod 11" Pressure Plate Bolt Kit
ARP171-2201	Suzuki 1.6L M16A 4cyl
ARP190-2201	Pontiac 3/8"-16 Pressure Plate Bolt Kit
ARP230-2202	Chevy 9/16" Pro Pressure Plate Bolt Kit
ARP250-2201	Ford 5/16" Pressure Plate Bolt Kit
ARP290-2201	Pontiac Pressure Plate Bolt Kit
ARP330-2202	Chevy 5/16"-18 Pressure Plate Bolt Kit
ARP330-2203	Tilton 2-Plate Pressure Plate Bolt Kit
ARP350-2202	Pressure Plate Bolt Kit
ARP350-2203	Pressure Plate Bolt Kit 12pt

ROCKER ARM STUD KITS

ARP rocker studs are concentric with .005 T.I.R. thread pitch to thread pitch. They run-in straight and true. Lengths are exact—designed to provide positive seating every time. An extra-large radius base offers greater resistance to flex. Available in both High Performance and Pro Series models.

PART #	DESCRIPTION
ARP100-0601	Alum 7/16" x 2.88" Blower Stud Kit
ARP100-7101	Chevy & Ford 7/16" Rocker Stud Kit
ARP100-7121	Chevy & Ford Rocker Studs 2pcs
ARP100-7201	GM 60-Deg V6 Rocker Stud Kit
ARP100-7221	GM 60-Deg V6 Rocker Stud Kit 2pcs
ARP134-7101	SB Chevy 3/8"-7/16" Rocker Stud Kit
ARP134-7103	SB Chevy 7/16"-7/16" Rocker Stud Kit
ARP134-7104	SB Chevy 3/8" Rocker Arm Stud Kit
ARP134-7121	SB Chevy 3/8" Rocker Studs 2pcs
ARP134-7123	SB Chevy 7/16" Rocker Studs 2pcs
ARP134-7124	SB Chevy 3/8" Rocker Studs 2pcs
ARP134-7221	SB Chevy Late Model Vortec
ARP135-7101	BB Chevy Rocker Stud Kit
ARP135-7102	3/8" Mark V Rocker Stud Kit
ARP135-7121	BB Chevy Rocker Arm Studs 2pcs
ARP135-7201	BB Chevy .496 CU (8100 SERIES)
ARP135-7202	BB Chevy, Alum Heads Rocker Arm
ARP200-7201	SB Chevy & Ford w/RR Rocker Stud Kit
ARP200-7202	Chevy 7/16" Rocker Arm Stud Kit
ARP234-7201	SB Chevy 3/8"-7/16" Rocker Stud Kit
ARP234-7202	SB Chevy 7/16"-7/16" Rocker Stud Kit
ARP234-7206	SB Chevy w/RLR RKR Girdle-Guide
ARP235-7202	BB Chevy Dart Alum RKR Stud Kit
ARP235-7204	BB Chevy Alum HD Intake (STUDS ONLY)
ARP235-7205	BB Chevy Dart Alum RKR-Short Thread
ARP235-7207	BB Chevy Alum HD Intake-Long Thread
ARP290-7201	Pontiac 1/2" & 7/16" Rocker Stud Kit
ARP334-7204	SB Chevy w/RLR RKR Girdle-Guide
ARP334-7203	Chevy w/RLR RKR & Girdle
ARP334-7202	Chevy w/RLR RKR & Girdle

ROD BOLT KITS

PART #	DESCRIPTION
ARP107-6002	Mitsubishi 4G63 94-UP 8mm Rod Bolt Kit
ARP109-6001	Opel/Vauxhall 2.0L M9 16V Rod Bolt Kit
ARP134-6001	SB Chevy 283-327 Rod Bolt Kit
ARP134-6003	SB Chevy 305-307-350-409 Rod Bolt Kit
ARP134-6006	SB Chevy LS1 Hi-Perf (CRACKED ROD)
ARP135-6402	BB Chevy 3/8" Wave-Loc Hi-Performance
ARP134-6403	SB Chevy 350 Wave-Loc Hi-Performance
ARP135-6002	BB Chevy Rod Bolt Kit 3/8"
ARP144-6001	SB Chrysler Rod Bolt Kit
ARP145-6002	BB Chrysler 3/8" Rod Bolt Kit
ARP150-6004	Boss 302-429-460-351 w/Rod Bolt Kit
ARP154-6002	Ford 289-302 Rod Bolt Kit, 5/16"
ARP154-6003	Ford 351C 3/8" Rod Bolt Kit
ARP154-6402	Ford 289-302 Wave-Loc Rod Bolt Kit 5/16"
ARP155-6002	Ford Rod Bolt Kit 390-428, 3/8"
ARP155-6003	BB Ford Boss 429-460 Rod Bolt Kit
ARP190-6001	'63 Pontiac Rod Bolt Kit
ARP200-6207	3/8" x 1.500" Rod Bolt Kit 8pcs
ARP200-6208	3/8" x 1.750" Rod Bolt Kit 8pcs
ARP200-6209	3/8" x 1.600" Rod Bolt Kit
ARP200-6210	5/16" x 1.505" Rod Bolt Kit
ARP200-6219	3/8" x 1.600" Rod Bolt Kit
ARP201-6102	BMW E36 Euro Rod Bolt Kit
ARP202-6005	Nissan SR20 Rod Bolt Kit
ARP203-6005	Toyota Supra 2JZA80 Rod Bolt Kit
ARP208-6001	Honda 1.2L to 1.6L 8mm Rod Bolt Kit
ARP208-6401	Acura 1.8L 9mm Rod Bolt Kit
ARP216-6301	Renault Clio 16V Rod Bolt Kit
ARP234-6301	SB Chevy LS1 Pro (CRACKED ROD)
ARP247-6303	Dodge Cummins 5.9L 12V & 24V D



THERMOSTAT HOUSING BOLTS

These premium grade bolts are engineered to be application specific, and come in your choice of black oxide finished chrome moly or rust-proof stainless steel, with handy 12-point or standard hex heads. Washers included.

THERMOSTAT HOUSING KITS

PART #	DESCRIPTION
ARP130-7401	Chevy 12pt Thermostat Housing Kit
ARP130-7402	Chevy Hex Thermostat Housing Kit
ARP134-7401	SB Chevy LS1/LS2 12pt
ARP134-7402	SB Chevy LS1/LS2 Hex
ARP150-7401	SB Ford 12pt Thermostat Housing Bolt Kit
ARP150-7402	SB Ford Hex Thermostat Housing Bolt Kit
ARP155-7401	Ford FE 12pt Thermostat Housing Bolt Kit
ARP155-7402	Ford FE Hex Thermostat Housing Bolt Kit
ARP190-7401	Pont 12pt Thermostat Housing Bolt Kit
ARP190-7402	Pont Hex Thermostat Housing Bolt Kit

THERMOSTAT HOUSING KITS SS

PART #	DESCRIPTION
ARP430-7401	Chevy Thermostat Housing 12pt Bolt
ARP430-7402	Chevy Thermostat Housing Hex Bolt
ARP434-7401	LS1/LS2 12pt Thermostat Housing
ARP434-7402	LS1/LS2 Hex Thermostat Housing
ARP450-7401	SB Ford 12pt SS Thermostat Housing
ARP450-7402	SB Ford Hex SS Thermostat Housing
ARP455-7401	Ford FE 12pt Thermostat Housing SS
ARP455-7402	Ford FE Hex Thermostat Housing SS
ARP490-7401	Pont SS 12pt Thermostat Housing Bolt Kit
ARP490-7402	Pont SS Hex Thermostat Housing Bolt Kit

TRANS MOUNT STUD KIT

PART #	DESCRIPTION
ARP504-9502	911 & 933 Porsche Trans Mount

TIMING COVER KITS

PART #	DESCRIPTION
ARP134-1501	LS1/LS2 Hex Timing Cover Kit
ARP134-1502	LS1/LS2 12pt Timing Cover Kit
ARP134-1505	SB Chevy LT1 6.2L Black 12pt
ARP134-1506	SB Chevy LT1 6.2L Black Hex
ARP154-1501	Ford Iron 12pt Timing Cover & Water Pump
ARP154-1502	Ford Iron Hex Timing Cover & Water Pump
ARP154-1503	Ford Alum 12pt Timing Cover & Water Pump
ARP154-1504	Ford Alum Hex Timing Cover & Water Pump
ARP190-1501	Pont 12pt Timing Cover & Water Pump
ARP190-1502	Pont Hex Timing Cover & Water Pump
ARP200-1401	Chevy Timing Cover Stud Kit
ARP200-1411	Chevy Timing Cover Stud Kit 12pt
ARP200-1502	Chevy Hex Timing Cover Bolt Kit
ARP200-1501	Chevy 12pt Timing Cover Bolt Kit
ARP245-1501	KB Hemi Timing Cover Stud Kit
ARP245-1511	KB Hemi Timing Cover Stud Kit
ARP333-1401	Chevy V6 90-deg Timing Cover Stud Kit
ARP334-1401	Chevy w/Jesol Belt Drive
ARP354-1401	Ford SVO 351 Timing Cover Stud Kit

TIMING COVER KITS SS

PART #	DESCRIPTION
ARP400-1401	Chevy SS Timing Cover Stud Kit
ARP400-1501	Chevy SS 12pt Timing Cover Bolt Kit
ARP400-1502	Chevy SS Hex Timing Cover Bolt Kit
ARP434-1501	LS1/LS2 SS Hex Timing Cover Kit
ARP434-1502	LS1/LS2 SS 12pt Timing Cover Kit
ARP445-1501	KB Hemi Timing Cover Stud Kit
ARP445-1511	KB Hemi Timing Cover Stud Kit
ARP454-1501	Ford Iron 12pt Timing Cover & Water Pump
ARP454-1503	Ford Alum 12pt Timing Cover & Water Pump
ARP454-1504	Ford Alum Hex Timing Cover & Water Pump
ARP454-1502	Ford Iron Hex Timing Cover & Water Pump
ARP490-1501	Pont 12pt SS Timing Cover & Water Pump
ARP490-1502	Pont Hex SS Timing Cover & Water Pump



WASHER KITS

PART #	DESCRIPTION
ARP200-8401	1/4"ID x 1/2"OD Black Washer
ARP200-8402	5/16"ID x 9/16"OD Black Washer
ARP200-8404	3/8"ID x 5/8"OD Black Washer
ARP200-8406	7/16"ID x 3/4"OD Black Washer
ARP200-8408	1/4"ID x 9/16"OD Black Washer
ARP200-8410	5/16"ID x 5/8"OD Black Washer
ARP200-8412	3/8"ID x 11/16"OD Black Washer
ARP200-8421	M10 Black Washer (1pk)
ARP200-8500	M12ID x .875"OD Black Washer
ARP200-8502	7/16"ID x .750"OD R.B. Washer
ARP200-8504	3/8"ID x 5/8"OD No Chamfer Washer
ARP200-8506	3/8"ID x .650"OD No Chamfer Washer
ARP200-8507	3/8"ID x 3/4"OD No Chamfer Washer
ARP200-8508	3/8"ID x 7/8"OD No Chamfer Washer
ARP200-8509	7/16"ID x 13/16"OD Chamfer Washer
ARP200-8510	7/16"ID x 13/16"OD No Chamfer Washer
ARP200-8511	7/16"ID x 3/4"OD No Chamfer Washer
ARP200-8512	7/16"ID x 7/8"OD Chamfer Washer
ARP200-8513	1/2"ID x 7/8"OD Chamfer Washer
ARP200-8514	1/2"ID x 7/8"OD No Chamfer Washer
ARP200-8515	9/16"ID x 1.00"OD No Chamfer Washer
ARP200-8517	3/8"ID x 3/4"OD Black Chamfer Washer
ARP200-8518	7/16"ID x 3/4"OD Black Chamfer Washer
ARP200-8519	M10 ID x .750"OD Washer
ARP200-8575	5/16"ID x .675"OD Chamfer Washer
ARP200-8590	M10"ID x .850"OD. No Chamfer Washer
ARP200-8594	5/16"ID x .550"OD Chamfer Washer
ARP200-8595	5/16"ID x .675"OD No Chamfer Washer
ARP200-8641	M8ID x .575"OD Black Washer
ARP200-8719	9/16" Chamfer Washer

WASHER KITS SS

PART #	DESCRIPTION
ARP200-8403	5/16"ID x 9/16"OD SS Washer
ARP200-8405	3/8"ID x 5/8"OD SS Washer
ARP200-8409	1/4"ID x 9/16"OD SS Washer
ARP200-8411	5/16"ID x 5/8"OD SS Washer
ARP200-8413	3/8"ID x 11/16"OD SS Washer
ARP200-8414	1/4" SS Washer
ARP200-8415	7/16" AN SS Washer (1pk)
ARP200-8422	M10 SS Washer
ARP400-8428	M12ID x .876"OD SS Chamfer Washer
ARP400-8501	3/8"ID x .720"OD SS Washer (1pk)
ARP400-8502	M10ID x .865"OD SS Washer (1pk)

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WASHER KITS SS (continued)

PART #	DESCRIPTION
ARP400-8503	M10ID x .630"OD SS Chamfer Washer
ARP400-8504	3/8"ID x .720"OD SS Washer (2pk)
ARP400-8507	3/8"ID x 3/4"OD SS Chamfer Washer
ARP400-8508	3/8"ID x .720" OD SS Washer (10pk)
ARP400-8509	7/16"ID x 13/16"OD H&M SS Washer
ARP400-8519	M10ID x .750"OD SS Washer (1pk)
ARP400-8521	M10ID x .750"OD SS Washer (10pk)
ARP400-8522	M10ID x .865"OD SS Washer (2pk)
ARP400-8524	M10ID x .750"OD SS Washer No Chamfer
ARP400-8527	3/8"ID x 3/4"OD SS Chamfer Washer (2pk)
ARP400-8529	7/16"ID x 13/16"OD SS Washer (2pk)
ARP400-8530	5/16"ID x .625"OD SS Washer (1pk)
ARP400-8533	M10ID x .630"OD SS Chamfer Washer
ARP400-8537	3/8"ID x 3/4"OD SS Chamfer Washer (10pk)
ARP400-8539	7/16"ID x 13/16"OD SS Washer (10pk)
ARP400-8544	M10ID x .750"OD SS Washer No Chamfer
ARP400-8550	5/16"ID x .625"OD SS Washer (10pk)
ARP400-8551	M10 SS Insert Washer
ARP400-8711	M6 x .890" SS Chamfer Washer

WATER PUMP BOLT KITS

Studs are preferred by many Pro engine builders because they eliminate the chance of pinching gaskets and contribute to easier engine assembly. ARP Studs feature a special "bullet nose" to guide the nut accurately into place. Available in black oxide finish 8740 chrome moly or polished stainless steel with hex or 12-point nuts.

PART #	DESCRIPTION
ARP120-3201	Buick 350 12pt Black Timing Cover
ARP120-3202	Buick 350 Hex Black Timing Cover
ARP130-3201	Chevy 12pt Water Pump Bolt Kit
ARP130-3202	Chevy Hex Water Pump Bolt Kit
ARP134-3201	LS1/LS2 Hex Water Pump Bolts
ARP134-3202	LS1/LS2 12pt Water Pump Bolts
ARP134-3203	SB Chevy 12pt Short Water Pump Bolt Kit
ARP134-3204	SB Chevy Hex Short Water Pump Bolt Kit
ARP154-3201	Ford 289-302 12pt Alum Water Pump
ARP154-3202	Ford 289-302 Hex Alum Water Pump
ARP154-3203	Ford 289-302 12pt Iron Water Pump
ARP154-3204	Ford 289-302 Hex Iron Water Pump
ARP420-3201	Buick 350 12pt SS Timing Cover
ARP420-3202	Buick 350 Hex SS Timing Cover

WATER PUMP BOLT KITS SS

PART #	DESCRIPTION
ARP430-3201	Chevy Water Pump Bolt Kit SS
ARP430-3202	Chevy Water Pump Bolt Kit SS
ARP434-3201	LS1/LS2 SS Hex Water Pump Bolt Kit
ARP434-3202	LS1/LS2 SS 12pt Water Pump Bolt Kit
ARP434-3203	SB Chevy 12pt Short Water Pump Bolt Kit
ARP434-3204	SB Chevy Hex Short Water Pump Bolt Kit
ARP454-3201	Ford 289-302 SS 12pt Alum Water Pump
ARP454-3202	Ford 289-302 SS Hex Alum Water Pump
ARP454-3203	Ford 289-302 SS 12pt Iron Water Pump
ARP454-3204	Ford 289-302 SS Hex Iron Water Pump

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INDIVIDUAL STAINLESS BOLTS

PART #	THREAD	SOCKET SIZE	SPECIAL
ARPH3AG.750-3	5/16" x 0.750"	3/8"	Flanged Hex
ARP3AJ1.250-3	3/8" x 1.250"	3/8"	Flanged 12 pt.
ARP3AJ1.000-3	3/8" x 1.000"	3/8"	Flanged 12 pt.

INDIVIDUAL 12PT. HEAD BOLTS

PART #	OD	LENGTH	SPECIAL
ARP5AP1.500-1D	7/16"	1.500"	Drilled
ARP5AP1.875-1U	7/16"	1.870"	Undercut
ARP5AP2.00-1U	7/16"	2.000"	Undercut
ARP5AP2.180-1U	7/16"	2.180"	Undercut
ARP5AP2.500-1	7/16"	2.500"	-
ARP5AP3.250-1	7/16"	3.250"	-
ARP5AP3.45-1	7/16"	3.450"	-
ARP5AP3.780-1	7/16"	3.780"	-
ARP5AP3.960-1	7/16"	3.960"	-
ARP5AP4.180-1	7/16"	4.180"	-
ARP5AP4.300-1	7/16"	4.300"	-
ARP5AP4.500-1	7/16"	4.500"	-
ARP6AR3.000-1	1/2"	3.000"	-
ARP6AR4.250-1	1/2"	4.250"	-

STRETCH GAUGE

PART #	DESCRIPTION
ARP100-9942	Stretch Gauge New Style

VALVE COVER BOLT KITS

ARP manufactures a variety of special application-specific bolt and stud kits. They are available in chrome moly steel with a black oxide finish or stainless steel. You have a choice between conventional hex head bolts and nuts or compact, easy access 12-point designs. The nuts feature a wide base for better load distribution and sealing, while the compact head is easily accessed.

PART #	DESCRIPTION
ARP100-7501	1/4"-20 12pt Valve Cover Bolt Kit 8pcs
ARP100-7502	1/4"-20 12pt Valve Cover Bolt Kit 14pcs
ARP100-7503	1/4"-20 12pt Alum Valve Cover Bolt Kit
ARP100-7504	1/4"-20 Hex Alum Valve Cover Bolt Kit
ARP100-7505	1/4"-20 Hex Valve Cover Bolt Kit 8pcs
ARP100-7506	1/4"-20 Hex Valve Cover Bolt Kit 14pcs
ARP100-7507	1/4"-20 Hex Alum Valve Cover Bolt Kit
ARP100-7508	1/4"-20 12pt Alum Valve Cover Bolt Kit
ARP100-7509	1/4"-20 Center Bolted Hex
ARP100-7513	Brodix Merlin, SB 1/4"-20 x 4.50"
ARP100-7520	Brodix Merlin, BB 1/4"-20 x 4.0"
ARP100-7523	LS1/LS2/LS6 12pt Valve Cover Bolt Kit
ARP100-7531	Duramax 6.6L LB7 12pt Valve Cover Bolt Kit
ARP100-7532	Duramax 6.6L LB7 Hex Valve Cover Bolt Kit
ARP100-7533	Duramax 6.6L LBZ/LLY/LML/LMM
ARP200-7601	SB Chevy Valve Cover Stud Kit
ARP200-7602	BB Chevy Valve Cover Stud Kit
ARP200-7603	Alum Valve Cover Stud Kit 8pcs
ARP200-7604	Alum Valve Cover Stud Kit 14pcs
ARP200-7605	Alum Valve Cover Stud Kit 16pcs
ARP200-7606	Dart, Brodix & B&B Valve Cover Stud Kit 8pcs
ARP200-7610	Alum Valve Cover Stud Kit 12pcs
ARP200-7612	BB Chevy Valve Cover Stud 12pt
ARP200-7613	Alum Valve Cover Stud Kit 8pcs
ARP200-7614	Alum Valve Cover Stud Kit 14pcs
ARP200-7615	Alum Valve Cover Stud Kit 16pcs
ARP200-7616	Dart, Brodix & B&B Valve Cover Stud Kit 8pcs
ARP200-7619	BB Chevy Tall Alum Valve Cover
ARP200-7620	Alum Valve Cover Stud Kit 12pcs
ARP245-7601	KB Hemi Valve Cover Stud Kit

VALVE COVER BOLT KITS SS

PART #	DESCRIPTION
ARP400-7501	Valve Cover Bolt Kit 8pcs SS
ARP400-7502	Valve Cover Bolt Kit 14pcs SS
ARP400-7503	Valve Cover Bolt Kit 8pcs SS
ARP400-7504	Valve Cover Bolt Kit 14pcs SS
ARP400-7505	Valve Cover Bolt Kit 8pcs SS
ARP400-7506	Valve Cover Bolt Kit 14pcs SS
ARP400-7507	Valve Cover Bolt Kit 8pcs SS
ARP400-7508	Valve Cover Bolt Kit 14pcs SS
ARP400-7509	1/4"-20 Center Bolted Valve Cover SS Bolt
ARP400-7510	1/4"-20 Center Bolted Valve Cove SS Bolt
ARP400-7526	Valve Cover Bolt Kit, Brodix Merlin, BB 1/4"-20
ARP400-7527	Valve Cover Bolt Kit, Brodix Merlin, BB 1/4"-20
ARP400-7529	LS1/LS2/LS6 SS Valve Cover Bolt Kit
ARP400-7530	LS1/LS2/LS6 SS 12pt Valve Cover Bolt Kit
ARP400-7531	Duramax 6.6L LB7 12pt Valve Cover Bolt Kit
ARP400-7533	Duramax 6.6L LBZ/LLY/LML/LMM
ARP400-7601	SB Chevy SS Valve Cover Stud
ARP400-7602	BB Chevy SS Valve Cover Stud
ARP400-7603	Valve Cover Stud High Performance SS
ARP400-7604	Alum Valve Cover Stud Kit SS 14pcs
ARP400-7605	Alum Valve Cover Stud Kit SS 16pcs
ARP400-7606	Valve Cover Stud High Performance SS 12pt
ARP400-7611	SB Chevy SS Valve Cover Stud
ARP400-7612	BB Chevy SS Valve Cover Stud
ARP400-7613	Valve Cover Stud High Performance SS
ARP400-7614	Alum Valve Cover Stud Kit SS 14pcs
ARP400-7615	Alum Valve Cover Stud Kit SS 16pcs
ARP400-7616	Valve Cover Stud High Performance SS 12
ARP434-7609	Chevy SB2 SS Hex Valve Cover
ARP454-7502	Ford PN# M-6582-Z351 12pt

Undercut Stud



Standard Stud



G = Guided Nose
L = Long; 1" thread; coarse
S = Short Stud; 3/4" thread; coarse
U = Undercut Stud
B = Broached

APJ = 7/16" coarse in the block; 3/8" dia. in the Head

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INDIVIDUAL STUDS

PART #	DIA	LENGTH	DESCRIPTION
ARPAG1.250-5	5/16"	1.250"	Oil Pan Stud
ARPAG1.300-5G	5/16"	1.300"	Stud
ARPAG1.625-5G	5/16"	1.625"	Stud w/out Starter
ARPAG1.700-5G	5/16"	1.700"	Oil Pan Stud
ARPAG2.225-5G	5/16"	2.250"	Stud
ARPAG3.750-1SB	5/16"	3.750"	Stud
ARPAG1.300-5G	5/16"	1.300"	Oil Pan Stud Guided Nose at End
ARPAJ1.670-5G	3/8"	1.670"	Distributor Stud Guided Nose at End
ARPAJ1.750-1G	3/8"	1.750"	Guided Nose at End
ARPAJ1.750-5G	3/8"	1.750"	Guided Nose at End
ARPAJ2.000-5G	3/8"	2.000"	Guided Nose at End
ARPAJ2.250-1G	3/8"	2.250"	Guided Nose at End
ARPAJ4.00-1	3/8"	4.000"	Stud
ARPAJ4.600	3/8"	4.600"	Head Stud
ARPAJ5.150	3/8"	5.150"	Stud
ARPAJ5.65-1	3/8"	5.650"	Head Stud
ARPAL1.170-5G	1/4"	1.170"	Oil Pan Stud Guided Nose at End
ARPAL1.500-3G	1/4"	1.500"	Valve Cover Stud Guided Nose at End Stainless
ARPAL1.500-5G	1/4"	1.500"	Chrome Moly Valve Cvr Stud Guided Nose at End
ARPAL1.700-5G	1/4"	1.700"	Chrome Moly Valve Cvr Stud Guided Nose at End
ARPAL1.800-12G	1/4"	1.800"	Stud
ARPAL1.900-5G	1/4"	1.900"	Valve Cover Stud
ARPAL1.900-12G	1/4"	1.900"	Valve Cover Stud
ARPAG1.250-5	5/16"	1.250"	Oil Pan Stud
ARPAG1.625-5G	5/16"	1.625"	Guided Nose at End
ARPAG1.700-3G	5/16"	1.700"	Guided Nose at End stainless
ARPAG1.700-5G	5/16"	1.700"	Guided Nose at End
ARPAP2.090-1SB	7/16"	2.090"	Stud
ARPAP2.235S	7/16"	2.235"	-
ARPAP2.500-1SB	7/16"	2.500"	-
ARPAP2.500-1SUB	7/16"	2.500"	Stud
ARPAP2.5SU	7/16"	2.500"	Head Stud; undercut
ARPAP2.75S	7/16"	2.750"	Head Stud
ARPAP2.750-1LB	7/16"	2.750"	Stud
ARPAP2.750-1SB	7/16"	2.750"	-
ARPAP3.000-1LB	7/16"	3.000"	Stud
ARPAP3.125S	7/16"	3.125"	Head Stud
ARPAP3.125S-1SB	7/16"	3.125"	Head Stud
ARPAG1.250-5	5/16"	1.250"	Oil Pan Stud
ARPAG1.300-5G	5/16"	1.300"	Stud
ARPAG1.625-5G	5/16"	1.625"	Stud w/out Starter
ARPAG1.700-5G	5/16"	1.700"	Oil Pan Stud
ARPAG2.225-5G	5/16"	2.250"	Stud
ARPAG3.750-1SB	5/16"	3.750"	Stud
ARPAG1.300-5G	5/16"	1.300"	Oil Pan Stud Guided Nose at End
ARPAJ1.670-5G	3/8"	1.670"	Distributor Stud Guided Nose at End
ARPAJ1.750-1G	3/8"	1.750"	Guided Nose at End
ARPAJ1.750-5G	3/8"	1.750"	Guided Nose at End
ARPAJ2.000-5G	3/8"	2.000"	Guided Nose at End
ARPAJ2.250-1G	3/8"	2.250"	Guided Nose at End
ARPAJ4.00-1	3/8"	4.000"	Stud
ARPAJ4.600	3/8"	4.600"	Head Stud
ARPAJ5.150	3/8"	5.150"	Stud
ARPAJ5.65-1	3/8"	5.650"	Head Stud
ARPAL1.170-5G	1/4"	1.170"	Oil Pan Stud Guided Nose at End
ARPAL1.500-3G	1/4"	1.500"	Valve Cover Stud Guided Nose at End Stainless
ARPAL1.500-5G	1/4"	1.500"	Chrome Moly Valve Cvr Stud Guided Nose at End
ARPAL1.700-5G	1/4"	1.700"	Chrome Moly Valve Cvr Stud Guided Nose at End
ARPAL1.800-12G	1/4"	1.800"	Stud
ARPAL1.900-5G	1/4"	1.900"	Valve Cover Stud

PART #	DIA	LENGTH	DESCRIPTION
ARPAL1.900-12G	1/4"	1.900"	Valve Cover Stud
ARPAG1.250-5	5/16"	1.250"	Oil Pan Stud
ARPAG1.625-5G	5/16"	1.625"	Guided Nose at End
ARPAG1.700-3G	5/16"	1.700"	Guided Nose at End stainless
ARPAG1.700-5G	5/16"	1.700"	Guided Nose at End
ARPAP2.090-1SB	7/16"	2.090"	Stud
ARPAP2.235S	7/16"	2.235"	-
ARPAP2.500-1SB	7/16"	2.500"	-
ARPAP2.500-1SUB	7/16"	2.500"	Stud
ARPAP2.5SU	7/16"	2.500"	Head Stud; undercut
ARPAP2.75S	7/16"	2.750"	Head Stud
ARPAP2.750-1LB	7/16"	2.750"	Stud
ARPAP2.750-1SB	7/16"	2.750"	-
ARPAP3.000-1LB	7/16"	3.000"	Stud
ARPAP3.125S	7/16"	3.125"	Head Stud
ARPAP3.125S-1SB	7/16"	3.125"	Head Stud
ARPAP2.750-1LB	7/16"	2.750"	Stud
ARPAP2.750-1SB	7/16"	2.750"	Stud
ARPAP3.000-1SB	7/16"	3.000"	Stud
ARPAP3.300-1LB	7/16"	3.300"	Stud
ARPAP3.750-1SB	7/16"	3.750"	Stud
ARPAP4.000-1LB	7/16"	4.000"	Stud
ARPAP4.000-1SB	7/16"	4.000"	Head Stud
ARPAP4.250-1LB	7/16"	4.250"	Stud
ARPAP4.500-1SB	7/16"	4.500"	Head Stud
ARPAP4.500-1LB	7/16"	4.500"	Stud
ARPAP4.500-1SB	7/16"	4.500"	Head Stud
ARPAP4.600-1SB	7/16"	4.600"	Head Stud
ARPAP4.750-1LB	7/16"	4.750"	Stud
ARPAP4.750-1SB	7/16"	4.750"	Head Stud
ARPAP5.000-1SB	7/16"	5.000"	Head Stud; Shorter than std.
ARPAP5.250-1SB	7/16"	5.250"	Head Stud
ARPAP5.750-1SB	7/16"	5.750"	Head Stud
ARPAP6.000-1LB	7/16"	6.000"	Stud
ARPAP6.120-1LB	7/16"	6.120"	Stud
ARPAP6.400-1LB	7/16"	6.400"	Stud
ARPAP6.750-1LB	7/16"	6.750"	Stud
ARPAP2.750-1LB	7/16"	2.750"	Stud
ARPAP3.000-1LB	7/16"	3.000"	Stud
ARPAP3.330-1LB	7/16"	3.300"	Stud
ARPAP3.6L	7/16"	3.600"	Stud
ARPAP4.000-1LB	7/16"	4.000"	Stud
ARPAP4.25	7/16"	4.250"	Stud
ARPAP4.5L	7/16"	4.500"	Stud
ARPAP4.75L	7/16"	4.750"	Stud
ARPAP5.0L	7/16"	5.000"	Stud
ARPAP5.25L	7/16"	5.250"	Stud
ARPAP5.35L	7/16"	5.350"	Stud
ARPAP5.5L	7/16"	5.500"	Stud
ARPAP5.75L	7/16"	5.750"	Stud
ARPAP6.0L	7/16"	6.000"	Stud
ARPAP6.12L	7/16"	6.120"	Stud
ARPAP6.4L	7/16"	6.400"	Stud
ARPAP6.5L	7/16"	6.500"	Stud
ARPAP6.75L	7/16"	6.750"	Stud
ARPAP7.0L	7/16"	7.000"	Stud
ARPAPJ2.55	7/16"	2.550"	Stud; 7/16" coarse in block; 3/8" dia. in Head
ARPAPJ2.50-2S	7/16"	2.500"	Stud; 7/16" coarse in block; 3/8" dia. in Head
ARPAPJ2.400-2S	7/16"	2.400"	Stud; 7/16" coarse in block; 3/8" dia. in Head
ARPAPJ3.75S	7/16"	3.750"	Stud; 7/16" coarse in block; 3/8" dia. in Head
ARPAJ3.750-3G	3/8"	3.750"	Guided Nose at End stainless; 7/16" coarse in block; 3/8" dia. in Head
ARPAPJ4.5S	7/16"-3/8"	4.500"	Neckdown Head Stud; 7/16" coarse in block; 3/8" dia. in Head
ARPAPJ4.500-1SB	7/16"	4.500"	Stud; 7/16" coarse in block; 3/8" dia. in Head
ARPAPJ4.75S	7/16"-3/8"	4.750"	Neckdown Head Stud; 7/16" coarse in block; 3/8" dia. in Head
ARPAPJ4.750-1SB	7/16"	4.750"	Stud; 7/16" coarse in block; 3/8" dia. in Head
ARPAPJ5.0S	7/16"-3/8"	5.000"	Neckdown Head Stud; 7/16" coarse in block; 3/8" dia. in Head
ARPAPJ5.000-1SB	7/16"	5.000"	Stud; 7/16" coarse in block; 3/8" dia. in Head



INDIVIDUAL STUDS (continued)

PART #	DIA	LENGTH	DESCRIPTION
ARPAPJ5.25S	7/16"-3/8"	5.250"	Neckdown Head Stud; 7/16" coarse in block; 3/8" dia. in Head
ARPAPJ6.000-1LG	7/16"	6.000"	Stud; 7/16" coarse in block; 3/8" dia. in Head
ARPAP3.000-1LB	7/16"	3.000"	Stud
ARPAP3.250-1LB	1/2"	3.250"	Stud
ARPAP3.620-1LB	1/2"	3.620"	Stud
ARPAP3.800-1LB	1/2"	3.800"	Stud
ARPAP4.060-1LB	1/2"	4.060"	Stud
ARPAP4.4-1LB	1/2"	4.400"	Stud
ARPAP4.400-1LB	1/2"	4.400"	Stud
ARPAP4.600-1LB	1/2"	4.600"	Stud, std. thread length
ARPAP4.620-1LB	1/2"	4.620"	Stud
ARPAP4.750-1LB	1/2"	4.750"	Stud
ARPAP5.000-1LB	1/2"	5.000"	Stud
ARPAP5.000-1SB	1/2"	5.000"	Stud
ARPAP5.250-1LB	1/2"	5.250"	Stud
ARPAP3.125S	7/16"	3.125"	Head Stud
ARPAP3.125S-1SB	7/16"	3.125"	Head Stud
ARPAP2.750-1LB	7/16"	2.750"	Stud
ARPAP2.750-1SB	7/16"	2.750"	Stud
ARPAP3.000-1SB	7/16"	3.000"	Stud
ARPAP3.300-1LB	7/16"	3.300"	Stud
ARPAP3.750-1SB	7/16"	3.750"	Stud
ARPAP4.000-1LB	7/16"	4.000"	Stud
ARPAP4.000-1SB	7/16"	4.000"	Head Stud
ARPAP4.250-1LB	7/16"	4.250"	Stud
ARPAP4.500-1SB	7/16"	4.500"	Head Stud
ARPAP4.500-1LB	7/16"	4.500"	Stud
ARPAP4.500-1SB	7/16"	4.500"	Head Stud
ARPAP4.600-1SB	7/16"	4.600"	Head Stud
ARPAP4.750-1LB	7/16"	4.750"	Stud
ARPAP4.750-1SB	7/16"	4.750"	Head Stud
ARPAP5.000-1SB	7/16"	5.000"	Head Stud; Shorter than std.
ARPAP5.250-1SB	7/16"	5.250"	Head Stud
ARPAP5.750-1SB	7/16"	5.750"	Head Stud
ARPAP6.000-1LB	7/16"	6.000"	Stud
ARPAP6.120-1LB	7/16"	6.120"	Stud
ARPAP6.400-1LB	7/16"	6.400"	Stud
ARPAP6.750-1LB	7/16"	6.750"	Stud
ARPAP2.750-1LB	7/16"	2.750"	Stud
ARPAP3.000-1LB	7/16"	3.000"	Stud
ARPAP3.330-1LB	7/16"	3.300"	Stud
ARPAP3.6L	7/16"	3.600"	Stud
ARPAP4.000-1LB	7/16"	4.000"	Stud
ARPAP4.25	7/16"	4.250"	Stud
ARPAP4.5L	7/16"	4.500"	Stud
ARPAP4.75L	7/16"	4.750"	Stud
ARPAP5.0L	7/16"	5.000"	Stud
ARPAP5.25L	7/16"	5.250"	Stud
ARPAP5.35L	7/16"	5.350"	Stud
ARPAP5.5L	7/16"	5.500"	Stud
ARPAP5.75L	7/16"	5.750"	Stud
ARPAP6.0L	7/16"	6.000"	Stud
ARPAP6.12L	7/16"	6.120"	Stud
ARPAP6.4L	7/16"	6.400"	Stud
ARPAP6.5L	7/16"	6.500"	Stud
ARPAP6.75L	7/16"	6.750"	Stud
ARPAP7.0L	7/16"	7.000"	Stud
ARPAPJ2.55	7/16"	2.550"	Stud; 7/16" coarse in block; 3/8" dia. in Head
ARPAPJ2.50-2S	7/16"	2.500"	Stud; 7/16" coarse in block; 3/8" dia. in Head
ARPAPJ2.400-2S	7/16"	2.400"	Stud; 7/16" coarse in block; 3/8" dia. in Head
ARPAPJ3.75S	7/16"	3.750"	Stud; 7/16" coarse in block; 3/8" dia. in Head
ARPAPJ3.750-3G	3/8"	3.750"	Guided Nose at End stainless; 7/16" coarse in block; 3/8" dia. in Head
ARPAPJ4.5S	7/16"-3/8"	4.500"	Neckdown Head Stud; 7/16" coarse in block; 3/8" dia. in Head
ARPAPJ4.500-1SB	7/16"	4.500"	Stud; 7/16" coarse in block; 3/8" dia. in Head
ARPAPJ4.75S	7/16"-3/8"	4.750"	Neckdown Head Stud; 7/16" coarse in block; 3/8" dia. in Head



Undercut Stud



Standard Stud

G = Guided Nose U = Undercut Stud
 L = Long; 1" thread; coarse B = Broached
 S = Short Stud; 3/4" thread; coarse
 APJ = 7/16" coarse in the block; 3/8" dia. in the Head

PART #	DIA	LENGTH	DESCRIPTION
ARPAPJ4.750-1SB	7/16"	4.750"	Stud; 7/16" coarse in block; 3/8" dia. in Head
ARPAPJ5.0S	7/16"-3/8"	5.000"	Neckdown Head Stud; 7/16" coarse in block; 3/8" dia. in Head
ARPAPJ5.000-1SB	7/16"	5.000"	Stud; 7/16" coarse in block; 3/8" dia. in Head
ARPAPJ5.25S	7/16"-3/8"	5.250"	Neckdown Head Stud; 7/16" coarse in block; 3/8" dia. in Head
ARPAPJ6.000-1LG	7/16"	6.000"	Stud; 7/16" coarse in block; 3/8" dia. in Head
ARPAP3.000-1LB	7/16"	3.000"	Stud
ARPAP3.250-1LB	1/2"	3.250"	Stud
ARPAP3.620-1LB	1/2"	3.620"	Stud
ARPAP3.800-1LB	1/2"	3.800"	Stud
ARPAP4.060-1LB	1/2"	4.060"	Stud
ARPAP4.4-1LB	1/2"	4.400"	Stud
ARPAP4.400-1LB	1/2"	4.400"	Stud
ARPAP4.600-1LB	1/2"	4.600"	Stud, std. thread length
ARPAP4.620-1LB	1/2"	4.620"	Stud
ARPAP4.750-1LB	1/2"	4.750"	Stud
ARPAP5.000-1LB	1/2"	5.000"	Stud
ARPAP5.000-1SB	1/2"	5.000"	Stud
ARPAP5.250-1LB	1/2"	5.250"	Stud
ARPAP5.400-1LB	1/2"	5.400"	Stud
ARPAP5.500-1LB	1/2"	5.500"	Stud
ARPAP5.750-1LB	1/2"	5.750"	Stud
ARPAP5.850-1SB	1/2"	5.850"	Head Stud
ARPAP6.000-1LB	1/2"	6.000"	Stud
ARPAP6.120-1LB	1/2"	6.120"	Stud
ARPAP6.400-1LB	1/2"	6.400"	Stud
ARPAP6.500-1LB	1/2"	6.500"	Stud
ARPAP6.750-1LB	1/2"	6.750"	Stud
ARPAP6.60LG	1/2"	6.600"	Stud
ARPAP7.000-1LB	1/2"	7.000"	Stud
ARPAP7.300-1LB	1/2"	7.300"	Stud
ARPAP7.562-1LB	1/2"	7.562"	Stud
ARPAP8.000-1LB	1/2"	8.000"	Stud, Std. thread Length
ARPAP8.500-1LB	1/2"	8.500"	Stud
ARPAP8.500-1LB	1/2"	8.500"	Stud
ARPAUR2.75LU	3/8"	2.750"	Stud, Std. thread length UC Shank
ARPAUR3.75L	1/2"	3.750"	Stud, Std. thread length UC Shank
ARPAUR5.5L	1/2"	5.500"	Stud, Std. thread length UC Shank
ARPAQ6.45L	9/16"	6.45"	Black Oxide
ARPAQ7.45L	9/16"	7.45"	Black Oxide



ACCESS TO COMPLETE PRODUCT LINE AVAILABLE

DAMPERS

PART #	DESCRIPTION
AT1917060	7 Steel BB Chevy 1pc Hub
AT1917062	8 Steel BB Chevy 366-800-I
AT1917062K	8.07 - Chevy BBC - INT
AT1917228	6 Aluminum Chevy SB 1.600CRK
AT1917229	6 Aluminum Chevy SB 1.600CRK
AT1917260	Aluminum Chevy V8
AT1917261	6 Aluminum Chevy SB-1.600CRK
AT1917300	7 Aluminum BB Chevy 3 RG ST H
AT1917320	6 Aluminum Chevy SB/90 V-6 2
AT1917410	3RG Chevy V8 SB Pontiac 4cyl
AT1917511	6 Steel Ford SB/6cyl-OEM
AT1917511AK	A Keyway 2: O'Clock Ford-Steel
AT1917514	7 Steel Ford SB/6cyl-Chevy
AT1917660	6 Aluminum Ford SB/6cyl-3 BO
AT1917740	7 Stell BB Chevy Ext Balance
AT1917782	6 Steel SB Chevy/90 V-6
AT1917784	6 Steel SB Chevy 1.600CRK
AT1918002	7 Aluminum Ford SB HVY 3 RI
AT1918047N	6.78 Aluminum Ford 2011 Mustang
AT1918062	6.78 Aluminum Ford 6.2 Raptor
AT1918641	7 Aluminum Nissan V6 GTR VR38
AT1918900	V8 SB All Ford 28.2oz. IN. Except 82 & up 302 HO
AT1950200	Bolt Pack - All 3 Bolt Ex
AT1951251-100	Bolt - Damper Face Bulk 100-5/16

NOTE: REBUILD KITS AVAILABLE



AT1917228



AT1916040



AT1200031

CRANK HUBS

PART #	DESCRIPTION
AT1916040	Steel SB Chevy V8-V-6-P
AT1916043	Steel SB Chevy w/1.600
AT1916046	Steel SB-2 Sprint Cup
AT1916080	Aluminum BB Chevy
AT1916172	Steel 1.245 BB Seal 2 3
AT1916200L	Steel BB Chry V-8 Chevy
AT1916258	Steel BB Chevy OEM 2-1/4
AT1916564	Steel SB Ford 4 Long
AT1916787	Steel HT Alloy-Nissan
AT1916890	Inner Shell Steel 5.43
AT1916890U	Inner Shell Steel Chevy

MISCELLANEOUS

PART #	DESCRIPTION
AT1200031	PG Supercase For 1.500 Yoke w/Seal, Bearing & Retaining Ring
AT1403551	T-400 Cometic Pan Gasket - .075 Low ST
AT1951479-6	Bolt Kit Chevy Flexplate to CR

ACCESS TO COMPLETE PRODUCT LINE AVAILABLE

For racing and other high performance engines, Autolite Iridium XP Enhanced Alloy Technology™ Spark Plugs offer an iridium-enhanced .6mm finewire with better overall ignitability and durability in a Hi-Performance category. In addition, the Autolite Revolution HT® High Thrud spark plugs are specifically designed for Hi-Performance deliverance in Ford Motor Company's 4.6L, 5.4L, and 6.8L 3-valve engines.

Actual racing spark plug used by many professional car drivers. Provides cut back ground electrode, anti-corrosive nickel plating and large ground electrode for better heat transfer.

RACING SPARK PLUGS

PART #	DESCRIPTION	PART #	DESCRIPTION
AUT-AR12	Racing Plug	AUT-AR3934	Racing Plug
AUT-AR13	Racing Plug	AUT-AR3935	Racing Plug
AUT-AR33	Racing Plug - Ford	AUT-AR472	Racing Plug
AUT-AR93	Racing Plug	AUT-AR473	Racing Plug
AUT-AR103	Spark Plug	AUT-AR474	Racing Plug
AUT-AR132	14mm Thread .460" Reach	AUT-AR3910X	Spark Plug
AUT-AR133	14mm Thread .460" Reach	AUT-AR3911	14mm Thread .750" Reach
AUT-AR134	Racing Spark Plug	AUT-AR3924	Spark Plug 14mm 3/4" - 5/8"
AUT-AR135	Racing Spark Plug	AUT-AR3931	14mm Thread .750" Reach
AUT-AR3910	Racing Plug	AUT-AR3933	Racing Plug
AUT-AR3932	14mm Thread .750" Reach	AUT-AR4132	Racing Spark Plug
AUT-AR3932X	Spark Plug	AUT411	14mm Thread; .472" Reach
AUT-AR3933X	Spark Plug	AUT4302	10mm 3/4" Reach 5/8" Hex

NOTE: Spark Plug Cross Reference Chart on page 326.

Autolite



ACCESS TO COMPLETE PRODUCT LINE AVAILABLE



From NASCAR to USAC and WoO sprint car applications, Barnes has continually focused on emerging trends in engine and oil system development since the early 1960's. Barnes' newest 9017-Series represents the pinnacle in high efficiency dry sump oil pumps. In just the past few years, these pumps have won championships in an amazing variety of applications, including Winston Cup, World of Outlaws, and NHRA Pro Stock. Barnes' oil systems support increased power levels generated by today's most advanced racing engines, while delivering reliable, trouble-free operation season after season. CV Products is proud of our cooperative development partnership with Barnes, one of racing's premiere oil delivery system experts!

Barnes utilizes an exclusive design that provides simple pressure section gear width adjustments.

BS11100 & 11110
1.000" Gears



BS12210
.200" reducer plate



BS 11200-A
1.200" Aluminum Pressure
Housing

Gear Housings are machined and fitted with O-rings to maintain correct gear end clearance and simplify Assembly and disAssembly.

Special woodruff key slots in drive shafts are machined with a full radius to prevent cracking around keyseats.

All Aluminum parts are machined from 7075-T-6 billet. We do not use extrusions.



Iron pressure Housings are available for endurance applications.

TECH TIP

Installing a proper dry sump oiling system requires more than just the proper pump. CV Products offers a comprehensive choice of components that are required and/or recommended:

- In-line Oil Filter
- Drive Pulley
- Drive Belt
- Remote Oil
- Filter Mt.
- Std oil filters



Even with outside dimensions smaller than other pumps, Barnes' pumps have a larger gear cavity to carry a greater volume of oil. This includes a very large internal cross port equivalent to a 1-1/8" diameter hole.

Barnes installs a ball bearing in the center of the pump to support the driveshaft. The idler shaft is supported in the bore of the separator plate. No needle bearings are used.

To improve the bearing surface, Barnes uses high-quality bronze idler gears, Precision ground stainless Steel Studs, and heat-treated chrome moly Steel idler and drive shafts.

The end plates are machined with T-slots to release oil trapped between the gears at the point of intermesh. The Barnes T-slots allow it to run smoother, quieter, and use less power.

The idler shaft is pinned to prevent the shaft from rotating, eliminating wear on the shaft bore in the end Housings.



Barnes
9025-Series
BB Oil Pump

The 9017 and its derivatives have set the standard for professional racing dry sump oil pumps. This oval track series meets and exceeds the efficiency and vacuum requirements of today's most demanding engine builders. Testing and customer feedback has proven that it is more efficient, uses less horsepower and draws an average of 2-5" more vacuum than any other gear pump available. Five-stage 9017 pumps meet NASCAR's 9.5" o/a length limit and have been used by the past five consecutive Winston Cup champions, proving its greater quality, performance and reliability in competition! Available in custom applications.

The 9025-series Drag Race oil pumps are based on the 9017. Available with tighter tolerance gear sections and additional bearing supports, this pump is specifically designed for drag race engines like Pro Stock, Comp Eliminator, and P/S Truck. Used by both Pro Stock and P/S Truck champions, Barnes pumps are more reliable, easier to use, and achieve higher vacuum ratings than other brands!

NEW LIGHTWEIGHT OPTION

for qualifying or drag race applications only! Lightened drive and/or idler gears and gun-drilled idler shafts are available upon special request, removing 3 pounds or more from the net pump weight. This option is not available for endurance applications.

OIL SYSTEM BYPASS

Certain Barnes Oil Pumps can be ordered without a bypass section.

OIL PUMPS

2 STAGE	
BS9017-2B-SBC	Oil Pump/2stg
3 STAGE	
BS9014-5B1	SBC w/1" Gears
BS9015-5B1-NB	SBC No Bypass .800" Press Gears
BS9017-5B1	SBC 1.200" Pressure Forward Mount
BS9017-5B2	SBC 1.200" Pressure SBF
BS9017-5F2	SBF
BS9025-RP1.0	BBC 1.000" Press
4 STAGE	
BS9014-6F2	SBF 6 Stage
BS9017-6B1-RP	SBC Rotor Pump
BS9017-6D1	Oil Pump
BS905	O-Ring for Bypass Plug

CUSTOM MACHINING

With their unique and simple modular design, Barnes dry sump oil pump components are interchangeable and easily adapted to most any dry sump application. Barnes and CV Products offer several standard body/gear widths and shaft lengths to assemble a pump to meet your requirements. CV Products and Barnes have also co-developed 3-6 stage special application pumps for customers in oval track, road racing, and drag racing. Examples include restricted volume dry sump oil pumps for qualifying and restrictor plate engines. Numerous mounting bracket options also allow you to interchange Barnes oil pumps on various small block or big block engine configurations.

The Barnes Oil Scavenge Manifold is a unique design for Quick-Disconnect and installation. The special discharge fittings feature an o-ring seal and a receiver groove to accept a quick release clip. Rather than tightening individual nuts for each scavenge stage, you simply push the Barnes Manifold onto the fittings and install the quick release clips! The o-ring and clip design provides a reliable seal.



BS16000
Forward Mount Oil Scavenge Manifold
(shown Mounted on BS9017-5B1)



Custom Oil Scavenge Manifolds are available. Call your CV Sales Rep for more information.



BS8932
Block-Mount Oil Filter
By-Pass for SBC



CVD44200
Oil Pump Priming Fitting



BS8935-10
In-Line Scavenge Filter (#10AN)



BS9011



BS9012

OIL SCAVENGE MANIFOLDS

PART #	DESCRIPTION
BS16000	SBC BS9017-5B Oil Scavenge Manifold
BS16000-20	SBC Manifold w/ -20 An Fitting
BS16000-620	Manifold 6 Stg -20 Out SBC for Number 1 Chevy
BS16000-RH	Manifold #1 R-Hand Chevy
BS16001	BS9017-5B Forward Mt Oil Scavenge Manifold
BS16001-520	5 Stg Manifold -20 Out
BS16001-620	Manifold/6 Stg -20 Out SBC for Number 2 Chevy
BS1600-16-RPBUSCH	Manifold -16 Out Busch Legal
BS16004	SBC 4 Stage Manifold
BS16006	Oil Scavenge Manifold
BS16010	for 9017-5f Oil Scavenge Manifold
BS16011	for 9017-5f Forward Mt Scav Manifold
BS16012-Q	SBC For 9018, 9019, 9020 Qual. (Pumps) Scavenge Manifold
BS16012-Q20	SBC For 9018, 9019, 9020 Qual. (Pumps) Scavenge Manifold w/ -20 An Fittings
BS16014-Q	SBF Scavenge Manifold

OIL FILTER ADAPTER

PART #	DESCRIPTION
BS8909	Oil Filter Adapter
BS8932	Remote Filter Adapter
BS9011	90° Filter Adapter (Oil Cool)
BS9012	90° Filter Adapter (Oil In)

OIL FILTER BLOCK OFF

PART #	DESCRIPTION
BS8910	Filter Block Off



BS8910
Oil Filter Block-off

OIL PUMP FITTING SPECIFICATIONS

PRESSURE SECTION BODY

WIDTH	FITTING IN	FITTING OUT
1.200"	#12AN	#10 or #12AN
1.000"	#12AN	#10 or #12AN
.800**	#12AN	#10 or #12AN
.600**	#12AN	#10 or #12AN
.400**	#12AN	#10 or #12AN

SCAVENGE SECTION BODY

WIDTH	FITTING IN	FITTING OUT
1.200"	#12AN	#12AN
1.375"	#12AN	#12 or #16AN
1.700"	#12AN	#12 or #16AN

*.400" - .800" pressure sections refer to internal gear widths: the pressure section body width remains 1.200" or 1.000".

The Oil Pump Fittings, from Barnes Systems, are specifically designed for the oil pump environment. They feature a radiused inlet to maximize flow, o-rings for a positive seal under pressure or vacuum, and a short thread design for easy installation.

OIL FILTER MOUNT

PART #	DESCRIPTION
BS8929	Universal Filter Mount (Std.ch)
BS8930	Filter Mount Sprint Car
BS8934	Universal Filter Mount (Hp6 Fr)



BS8934
Remote Oil
Filter Mount

OIL SCAVENGE REPLACEMENT PARTS

PART #	DESCRIPTION
BS16020	Manifold Clips
BS16025	Replacement O-Ring for Manifold Fittings
BS16026	Replacement -12 AN Manifold Fittings

REPLACEMENT PARTS

ALLEN NUT

PART #	DESCRIPTION
BS10310	Bearing Cap

BEARING CAP

PART #	DESCRIPTION
BS10310	Bearing Cap
BS10310-FH	Bearing Cap Flat Head
BS10311	Bearing Cap/Rear w/O-Rings

BOLTS

PART #	DESCRIPTION
BS10391	Priming Bolt
BS10393	1/4" x 28 Bolt w/5/8" Head

BEARINGS

PART #	DESCRIPTION
BS10008	R-8 Bearing
BS10010	R-10 Bearing

BEARING, END CAP SEAL

PART #	DESCRIPTION
BS10580	Bearing End Cap Bearing & Seal



FITTINGS

PART #	DESCRIPTION
BS8-10FITTING	#8 Port to #10AN Male
BS8-12FITTING	#8 Port to #12AN Male
BS10-8FITTING	#10 Port to #8AN Male
BS10-10FITTING	#10 Port to #10AN Male
BS10-12FITTING	#10 Port to #12AN Male
BS10-16FITTING	#10 Port to #16AN Male
BS12-10FITTING	#12 Port to #10AN Male
BS12-12FITTING	#12 Port to #12AN Male
BS12-16FITTING	#12 Port to #16AN Male
BS12-8FITTING	#12 Port to #8 Male
BS-12BO	Fitting/-12/Bolt On
BS12QDA	#12 Alum Manifold
BS16-16FITTING	#16 Port to #16AN Male
BS-16BO	Fitting/-16/Bolt On



BS12250



BS12320



BS12200



BS12360

REPLACEMENT PARTS (continued)

BRACKETS

PART #	DESCRIPTION
BS11400-A	.100" Mounting Bracket Alum for EE Ford
BS11410	.200" Support Bracket Steel for EE Ford
BS11420	.380" Mounting Bracket Alum for EE Ford
BS11500	Bracket .100" Cover Alum. Dodge
BS11510	Bracket .200" Support Alum. Dodge
BS11520	.380" Mounting Bracket Alum. Dodge
BS11521	.380" Rotor Pump Bracket for Dodge
BS12200	.200 SBC Support Steel Bracket
BS12201	.200" Bracket Support Aluminum
BS12310	.380" Mt Bracket SBC

BYPASS SECTION

PART #	DESCRIPTION
BS11591	Bypass Section
BS11591-SHORT	Bypass Section

SEPARATOR PLATE

PART #	DESCRIPTION
BS12000	.200" Crossport Separator Plate
BS12100	.200" Separator Plate No Cross Port
BS12100RP	Separator Plate/.200" for Rotor Pump

BYPASS PLUG

PART #	DESCRIPTION
BS10510	Bypass Plug
BS10511	Socket HD Bypass Short Plug

BYPASS SECTION

PART #	DESCRIPTION
BS10590	Bypass Section Includes Bearings
BS10591-LR	Left Rear Bypass NASCAR

BYPASS SPRING

PART #	DESCRIPTION
BS10500	Bypass Spring Med Pressure Orange Color Outer
BS10501	Bypass Spring Low Pressure White Color Outer
BS10502	Bypass Spring High Pressure Yellow Color Outer

BYPASS VALVE

PART #	DESCRIPTION
BS10520	Bypass Valve

COVER PLATE

PART #	DESCRIPTION
BS10592-LR	.100" Cover Plate Left Front By-Pass
BS10-8FITTING	#10 Port To #8 AN Male
BS10QDA	#10 Alum Manifold Fitting

DOWEL PIN

PART #	DESCRIPTION
BS10331	Dowel Pin 1/8" x 3/8"

DRIVESHAFT

PART #	DESCRIPTION
BS018-10.080	Driveshaft / 4 Stage
BS14001	Drive Shaft / 9017-5 w/1 Stage In Front of Bracket
BS14002	Drive Shaft / 9017-5 w/2 Stage In Front of Bracket

BRACKET

PART #	DESCRIPTION
BS14100-6RP	Drive Shaft Rotor 6 Stage

FUEL PUMP SPUD

PART #	DESCRIPTION
BS057-R	Rt Hand Thread

PART #	DESCRIPTION
BS12310-RP	.380" Rotor Bracket Chevy
BS12320	.100" Mt Bracket SBC
BS12351	4 or 5 Stage
BS12352	4 Stage
BS12353	5 Stage
BS12360	.380" Mt Bracket Ford
BS12360-LEFT	Left Hand Bracket Bearing & O-Ring BBC 4 Stage
BS12365-RP	BBC Mounting Bracket for Rotor Pump
BS12366-RP	SBC Mounting Bracket for Rotor Pump
BS12370	.100" Mt Bracket



DRIVE GEARS

PART #	DESCRIPTION
BS7009	.400" Drive Gear
BS11050	.800" Drive Gear
BS11070	.600" Drive Gear
BS11100	1.000" Drive Gear
BS11220	1.200" Drive Gear
BS11220-1173	1.200" Drive Gear
BS11220-RP	1.200" Rotor Drive Gear
BS11320	1.375" Drive Gear
BS11380-RP	1.700" Rotor Drive Gear



IDLER GEARS

PART #	DESCRIPTION
BS7008	.400" Idler Gear
BS11060	.800" Idler Gear
BS11080	.600" Idler Gear
BS11110	1.000" Bronze Idler Gear
BS11225	1.200" Bronze Idler Gear
BS11225-1173	1.200" Bronze Idler Gear
BS11225-RP	Rotor Idler Gear .200"
BS11325	1.375" Bronze Idler Gear
BS11325-RP	1.375" Bronze Idler Gear
BS11376	1.375" Gear Body (Old Style)
BS11379	1.700" Idler Gear
BS11379-RP	1.700" Idler Gear Rotor
BS11320-RP	1.375" Rotor Pump Drive

IDLER SHAFT

PART #	DESCRIPTION
BS14100	Idler Shaft

NUTS

PART #	DESCRIPTION
BS10333	Nuts 12pt for Studs



BS11000



CVS-7001

TECH TIP

Before choosing a standard or custom Barnes oil pump, you need to ask the following questions:

- Weight of oil?
- Operating temperature range?
- Oil consumption at idle?
- Oil consumption at operating range?
- Desired vacuum level?

Installing a proper dry sump oiling system requires more than just the proper pump. CV Products offers a comprehensive choice of components that are required and/or recommended: In-line Oil Filters, Drive Pulley, Drive Belt, Remote Oil Filter Mt. and Std Oil Filters.



REPLACEMENT PARTS (continued)

HOUSING	
PART #	DESCRIPTION
BS11000	1" Alum Gear Housing
BS11200	1.200" Iron Gear Housing
BS11201	1.200" Alum Gear Housing*(Replaces BS11200-a)*
BS11201-RP	Gear Housing Rotor 1.200"
BS11375	1.375" Gear Housing Aluminum
BS11375-RP	Rotor Housing Gear 1.375" Alum.
BS11378-RP	1.700" Housing Pro Stock



O-RING SEALS	
PART #	DESCRIPTION
BS7004	O-Ring Seal Kit for 7000
BS15000	5 Stage O-Ring Seal Kits
BS15000-RP	1.700" O-Ring Seal Kit
BS15006	Seal Kit O-Ring
BS15006-RP	Seal Kit O-Ring/Rotor Pump

PLATES	
PART #	DESCRIPTION
BS12221	.300" Wide Floater Plate
BS12250	.200" BBF Steel Support Bracket
BS12300	.100" Bearing Cover Plate
BS12301	.100" Cover Plate Bearing No Crossport
BS12303	.380" Bearing Plate No Crossport
BS12304-RP	.380" Separator Rotor Plate w/Crossport
BS12350	.480" SBC Mount Plate Bearing Included
BS12351	.380" Bert Mount Plate Has Bearings
BS12352	.480" Bert Mount Plate No Bearings

REDUCER PLATE	
PART #	DESCRIPTION
BS12210	.200" Reducer Plate
BS12211	.300" Reducer Plate
BS12213	.400" Reducer Plate
BS12213-RP	Reducer Plate for 9025-RP Pump

PLUGS	
PART #	DESCRIPTION
BS8 Plug	#8 Plug
BS10 Plug	#10 Port Plug
BS12 Plug	#12 Port Plug

PRESS STAGE	
PART #	DESCRIPTION
BS11215	1-3/8" Press Stage Cast Iron

SCAVENGE SCREENS	
PART #	DESCRIPTION
BS8935-10	In-line Scavenge Screens
BS8935-12	In-line Scavenge Screens

ADJUSTMENT SCREWS	
PART #	DESCRIPTION
BS10575	Allen Head Adj. Screw & Nut
BS10577	Adjuster Flat Head
BS10578	Socket HD Adj Screw & 9/16" Nut Screws
BS055	1/4" 28 Set Screw
BS10340	Screw/4-40 Need 2 for A Pump
BS10340-fh	Flat Head 4-40 Screws
BS10345	Screw 10/32" x 3/8" Low Head
BS10390	1/4"-28 Screw

SEAL KIT	
PART #	DESCRIPTION
BS042	Oil Seal
BS044	Seal Kit for Old Style 6 Bolt 5 Stage Belt Drive

SHAFT	
PART #	DESCRIPTION
BS7010	Shaft/idler for 7000 Pump
BS7012	Rear End Pump Housing .400" Red

SHIM KIT	
PART #	DESCRIPTION
BS7006	Shim Kit for 7000 Series

SLEEVE SHAFT	
PART #	DESCRIPTION
BS10392	Sleeve/Shaft

SNAP RING	
PART #	DESCRIPTION
BS10350	Snap Ring

SQUARE KEY	
PART #	DESCRIPTION
BS10360	3/16" Square Key

SPOOL	
PART #	DESCRIPTION
BS10370	1.375" Spool



STUDS	
PART #	DESCRIPTION
BS058-9.5	Stud for Pump 9.500"
BS14500	Stainless Studs (4)

WASHERS	
PART #	DESCRIPTION
BS10320	1/4" Washers
BS10380	1/4" Washer
BS7002	3/8" Step Washer

WOODRUFF KEY	
PART #	DESCRIPTION
BS10300	Woodruff Key

REAR END PUMPS	
PART #	DESCRIPTION
BS7000	Rear End Pump Bottom Inlet Top Outlet
BS7001	Rear End Pump - Bracket Fits 7000 & 7005 Pumps
BS7005	Rear End Pump - Rear Inlet & Outlet
BS7003	2 Stage Rear End Pump Bottom Inlet Top Outlet
CVD40100	Rear End Pump Pulley 6.450 OD 5/8" Shaft 3/16" Keyway

MISCELLANEOUS	
PART #	DESCRIPTION
BS16-PLUG	#16 Button Head Plug
BS11375	1.375" Aluminum Gear Housing
BS8910PB	Block Off w/3/8" Bolts
BS9017-4B1	4 Stage Pump Cast Iron 1.2 P/S
BS9017-4BMMR	4 Stage Pump Mercury Marine

ACCESS TO COMPLETE PRODUCT LINE AVAILABLE



Bosch Motorsport Authorized Dealer

Bosch Motorsport is your partner for systems and components for use in motorsport. We deliver our products to complete racing series and individual teams. They benefit from the Bosch Group's systems expertise, as well as from its integration know-how as the world's leading automotive supplier.

Note: The use of Bosch Motorsport products on public roads is prohibited. Please use our products exclusively on closed-course racetracks.

FUEL DELIVERY

PART #	DESCRIPTION
BOS-0450905003	71007 Fuel Filter
BOS-0580254044	Fuel Pump 200 LIT/HR 5BAR
BOS-0580454100	EFI Lift Pump
BOS-B289S36371-18	NASCAR EV14 Fuel Injector
BOS-F02UV00640-01	NASCAR Main EFI Pump-Med Flow
BOS-F02UV00640-02	NASCAR Main EFI Pump-High Flow
BOS-F02UV00640-03	NASCAR Main EFI Pump-Low Flow
BOS-0221504001	P50 Ignition Coil



BOS-0580454100



BOS-B289S36371-18

ELECTRICAL, DATA & SENSORS

PART #	DESCRIPTION
BOS-0280750101	Electronic Throttle Body
BOS-3737	Sensor, O2 BOSCH, LSU 4.2
BOS-3888	Sensor, O2 BOSCH, LSU 4.9
BOS-D26120535801	Mating Connector - MM3.8
BOS-F02UB00435-01	Mating Connector - MM5.10
BOS-F02UB0054201	Mating Connector - WDA Wiper Motor
BOS-F02UV00327-2	MSAI1 Communication Cable
BOS-F02UV00938-03	Wiper Motor
BOS-F02UV0511-02	MM5.10 YAW Rate Sensor
BOS-F02UV0U002-01	NASCAR Lambda Sensor
BOS-SMDS	Master Disconnect Switch Steel



BOS-0221504001



BOS-F02UV0U002-01

SPARK PLUGS

PART #	THREAD	REACH	HEX
BOS-F06CEO*	14mm	3/4"	5/8"
BOS-F06DER*	M14 x 1.25"	19mm	5/8"
BOS-F07CEO*	14mm	3/4"	5/8"
BOS-F07DDER*	14mm	3/4"	5/8"
BOS-F08CEO*	14mm	3/4"	5/8"
BOS-F08DDER*	14mm	3/4"	5/8"
BOS-F09CS*	M14 x 1.25"	19mm	5/8"

*Sold in 100 piece bricks only

NOTE: Spark Plug Cross Reference Chart on page 329.



ACCESS TO COMPLETE PRODUCT LINE AVAILABLE

NEW PRODUCTS



BOSCH

**Bosch Motorsport
Authorized Dealer**

HALL-EFFECT SPEED SENSOR HA-N

This sensor is designed for incremental measurement of rotational speed (e.g. camshaft, crankshaft or wheel Speed). Due to the rotation of a ferromagnetic target wheel in front of the HA-N, the magnetic field is modulated at the place of the Hall probe. A Hall-effect sensor element with integrated signal conditioning circuit detects this change and generates a digital output signal.

The HA-N combines a robust sensing element with a lightweight aluminum housing that is well suited for motorsport use. The sensor element used was specifically selected for its resistance to demagnetization at high temperatures and is programmed for an active low output. This sensor element is approved for NASCAR competition as a camshaft speed sensor.

FEATURES

- Measures camshaft/crankshaft/wheel speed
- Max. frequency 4.2 kHz
- High quality Hall-effect sensing element
- Lightweight anodized aluminum housing
- Integrated signal conditioning circuit
- Extremely resistant to demagnetization at high temperatures
- Approved for NASCAR competition as a camshaft speed sensor
- Available with a flying lead



ELECTRONIC THROTTLE BODY

The throttle body is designed to control the fresh air of spark ignition engines in combination with an electronic throttle control system. ETB applications with flex-fuel, CNG and LPG are permissible if injected in the air flow after the throttle body.

A typical ETC system includes the following components: electronic throttle body, accelerator pedal module and electronic control unit. You will find the available bore diameters in the variations table.

FEATURES

- Many bore diameters available
- Throttle position sensor is redundant
- For flex-fuel, CNG, LPG
- Idle default position



CRANKSHAFTS

Callies Crankshafts are at the top of the industry for quality of finish and reliability. Our precise, no compromise production efforts deliver dimensional accuracy that is second to none. Concentricity and surface finish are the two most desirable features in a high performance crankshaft journal.

Every crankshaft is 100 percent inspected for critical dimensions, and the manufacturing equipment is constantly monitored for tolerance drift and tool degradation. At Callies, quality and durability really are a driving force behind our products.

LS-1 MAGNUM PLUS

PART #	STROKE	MAIN	PIN
CALAPO31V-MG	4	2.559	2.1

LS-1 RACEMASTER

PART #	STROKE	MAIN	PIN
CALAPO31V-RM	4	2.559	2.1

BIG BLOCK MAGNUM PLUS

PART #	STROKE	MAIN	PIN
CALBBB42B-MG	4.375	2.75	2.2
CALBBO42B-MG	4	2.75	2.2
CALBBP42B-MG	4.25	2.75	2.2
CALBBS42B-MG	4.75	2.75	2.2

BIG BLOCK DRAGONSLAYER

PART #	STROKE	MAIN	PIN
CALBBO42B-DS	4	2.75	2.2
CALBBP42B-DS	4.25	2.75	2.2

BIG BLOCK RACEMASTER

PART #	STROKE	MAIN	PIN
CALBBO42B-RM	4	2.75	2.2
CALBBP42B-RM	4.25	2.75	2.2
CALBBR42B-RM	4.625	2.75	2.2

BIG BLOCK MAGNUM X-L

PART #	STROKE	MAIN	PIN
CALBLO42B-XL	4	2.75	2.2

SB 1 PIECE SEAL DRAGONSLAYER

PART #	STROKE	MAIN	PIN
CALCAJ11X-DS	3.75	350	2.1
CALCAM11A-DS	3.875	350	2.1

BB 1 PIECE SEAL DRAGONSLAYER

PART #	STROKE	MAIN	PIN
CALIBP42B-RM	4.25	2.75	2.2

340 MOPAR DRAGONSLAYER

PART #	STROKE	MAIN	PIN
CALMSOA1X-DS	4	340	2.1

SMALL BLOCK DRAGONSLAYER

PART #	STROKE	MAIN	PIN
CALSAF11A-DS	3.48	350	2.1
CALSAF14A-DS	3.48	350	2.1
CALSAJ11A-DS	3.75	350	2.1
CALSAJ21A-DS	3.75	400	2.1
CALSAO21A-DS	4	400	2.1



SMALL BLOCK RACEMASTER

PART #	STROKE	MAIN	PIN
CALSAF11A-RM	3.48	350	2.1
CALSAG11A-RM	3.5	350	2.1

SMALL BLOCK MAGNUM PLUS

PART #	STROKE	MAIN	PIN
CALSAG11A-MG	3.5	350	2.1
CALSAM21A-MG	3.875	400	2.1



ULTRA BILLET LS CRANKSHAFT

Callies has developed a wide range of part numbers for the continually evolving and popular LS family of engines. Any main journal, rod journal, post configuration, stroke or other specialized characteristic that you may require can be provided. Callies Ultra billet crankshafts are truly custom made to match your project.

FEATURES

- Stroke Range: 2.600" - 4.600"
- LS1, LS7, LT1 posts are available
- 6, 8, or 9 bolt pattern flange options
- Rod Sizes: 1.850, 1.888, 2.000, 2.100, (2.200 w/SBC width) 2.200
- Main Journal Sizes: Standard LS, Iron Duke, Ford Cleveland 351
- 8 or 6 counterweight designs available
- Sold complete with no drill balance
- Aero efficient Ultra-Shed counterweight profiling is standard
- Aero-Shed super finishing included with all Ultra Billets
- All Ultra LS billets are produced from Timken 4330 alloy steel

ULTRA H-BEAM CONNECTING RODS

The Ultra H-Beam configuration was recently added as part of our expanding connecting rod line. Made from the same premium grade Timken material, the Ultra H-Beam connecting rod is designed to satisfy the requirements of the most demanding racing applications Big Block H-Beam.

BIG BLOCK H-BEAM

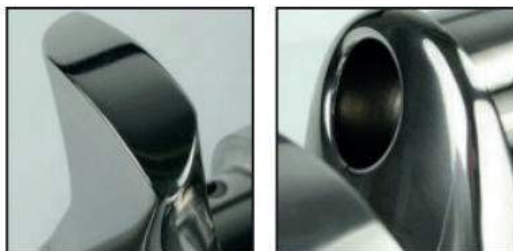
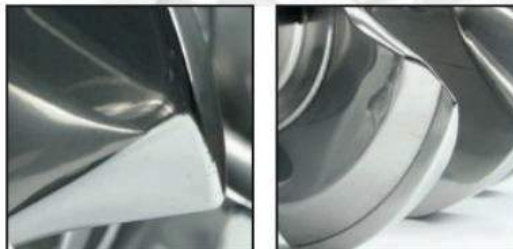
DESCRIPTION	TYPICAL WT.	PART #
6.385"	2.200"	803g CALU16200
6.535"	2.200"	811g CALU16210
6.700"	2.200"	823g CALU16230

SMALL BLOCK ULTRA H-BEAM

DESCRIPTION	TYPICAL WT.	PART #
6.000"	2.000"	629g CALU16101
6.000"	2.100"	644g CALU16100
6.125"	2.100"	646g CALU16110

LSI ULTRA H-BEAM

DESCRIPTION	TYPICAL WT.	PART #
6.100"	2.100"	617g CALU16290
6.125"	2.100"	651g CALU16300
6.200"	2.100"	626g CALU16303
6.350"	2.100"	663g CALU16302
6.460"	2.100"	659g CALU16301



ULTRA I-BEAM CONNECTING RODS

Ultra I-Beams are available in our standard weight version for extreme duty racing applications of popular Big Block Chevy, Small Block Chevy, Nissan GTR, and LS1, as well as lightweight versions for select SBC configurations. For superior clamping, a bolt upgrade to Custom Age 625 material is available for all Callies I-Beam connecting rods.

BIG BLOCK I-BEAM

DESCRIPTION	TYPICAL WT.	PART #
6.385"	2.200"	812g CALU15110
6.535"	2.200"	820g CALU15111
6.660"	2.200"	823g CALU15113
6.700"	2.200"	826g CALU15114
6.750"	2.200"	828g CALU15115
6.800"	2.200"	837g CALU15116





I-BEAM CONNECTING RODS (continued)

BBC ULTRA LONG

DESCRIPTION		TYPICAL WT.	PART #
7.100"	2.200"	848g	CALU15270
7.200"	2.200"	853g	CALU15280

BIG BLOCK SMALL JOURNAL*

DESCRIPTION		TYPICAL WT.	PART #
6.385"	2.100"	799g	CALU15117
6.535"	2.100"	809g	CALU15118

*NOTE: Available by special request

SMALL BLOCK I-BEAM

DESCRIPTION		TYPICAL WT.	PART #
5.700"	2.100"	642g	CALU14125
5.850"	Honda	580g	CALU14132
5.850"	2.000"	629g	CALU14131
5.850"	2.100"	648g	CALU14130
6.000"	Honda	586g	CALU14137-3.5
6.000"	2.000"	636g	CALU14136
6.000"	2.100"	656g	CALU14135
6.125"	2.000"	639g	CALU14141
6.125"	2.100"	662g	CALU14140
6.200"	2.100"	664g	CALU14145
6.250"	2.000"	641g	CALU14151
6.250"	2.100"	667g	CALU14150



SMALL BLOCK LIGHT WEIGHTS

DESCRIPTION		TYPICAL WT.	PART #
6.000"	2.000"	600g	CALU14139
6.000"	2.100"	613g	CALU14138
6.125"	2.000"	602g	CALU14144
6.125"	2.100"	616g	CALU14143



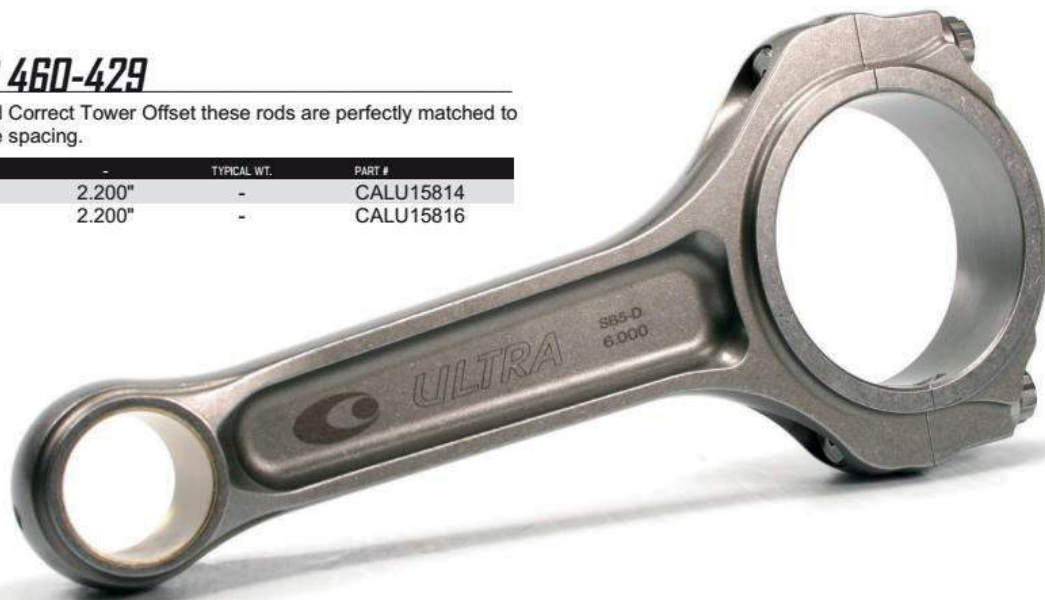
LS SERIES I-BEAM

DESCRIPTION		TYPICAL WT.	PART #
6.125"	2.100"	662g	CALU17171
6.350"	2.100"	669g	CALU17178
6.350"	Honda	609g	CALU17180

FORD 460-429

With Ford Correct Tower Offset these rods are perfectly matched to Ford bore spacing.

DESCRIPTION		TYPICAL WT.	PART #
6.700"	2.200"	-	CALU15814
6.800"	2.200"	-	CALU15816



ACCESS TO COMPLETE PRODUCT LINE AVAILABLE



SMALL BLOCK CHEVY WET SUMP CIRCLE TRACK OIL PANS

STOCK APPEARING SERIES

This circle track stock appearing pan is for pre-'80 Small Block Chevys with left side dipstick. It is designed for circle track applications where a stock appearing oil pan is required, such as strictly stocks or mini-stocks. Stock dimensions and capacity are retained, but Canton's specially designed baffling system ensures increased oil control. This pan requires our 20-002 pickup.

FEATURES

- Double Trap Door Baffles
- Crank Scraper
- Removable Windage/Anti-Slosh Baffle

PART #	DESCRIPTION
CAN11-200	SB Chevy Pre-1980, LH Dipstick
CAN11-200M	SB Chevy 1980-85, RH Dipstick
CAN20-002	Oil Pump Pickup, Standard Volume Pumps Only
CAN20-030	Oil Pump Pickup, Standard Volume Pumps



CAN11-200

COMPETITION SERIES 6-1/2" DEEP

This Competition wet sump is for pre-'80 Small Block Chevys with left side dipstick. It is designed for applications where the engine is set extra low in the chassis. Fits front steer chassis with both aftermarket and Camaro front ends. The pan has a 6-1/2" deep, 15" wide, 12" long sump, and a 7 quart system capacity. Requires one of our pickups.

FEATURES

- Six Trap Door Baffles & Three Runners
- Crank Scraper
- Bolt in Slosh Baffle
- Built in Windage Tray
- 1/2" NPT Temperature Bung
- Provision for our Pan Mounted Dipstick
- Magnetic Drain Plug

PART #	DESCRIPTION
CAN11-102	SB Chevy PRE-1980, LH Dipstick
CAN11-102T	SB Chevy 1986-Up, 1pc. Rear Main Seal
CAN20-030	Oil Pump Pickup, Standard Volume Pumps
CAN20-031	Oil Pump Pickup, High Volume Pumps



CAN11-102

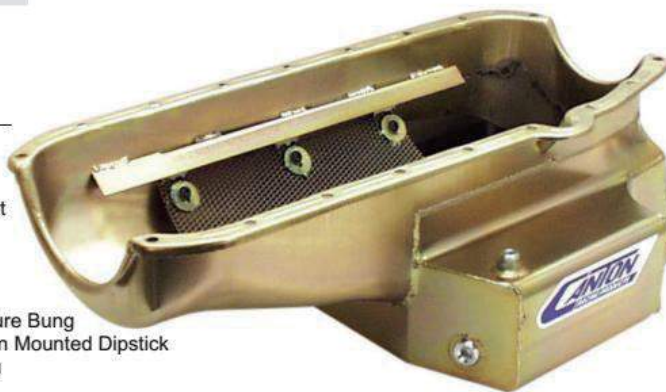
COMPETITION SERIES 7" DEEP

This Competition wet sump is for pre-'80 Small Block Chevys with left side dipstick. Fits front steer chassis with both aftermarket and Camaro front ends, others when the engine is moved. It has a 7" deep, 15" wide, 12" long sump, and an 8 quart system capacity. Will work with all starter and flywheel combinations. Requires one of our pickups.

FEATURES

- Six Trap Door Baffles & Three Runners
- Crank Scraper
- Bolt in Slosh Baffle
- Built in Windage Tray
- 1/2" NPT Temperature Bung
- Provision for our Pan Mounted Dipstick
- Magnetic Drain Plug

PART #	DESCRIPTION
CAN11-120	SB Chevy Pre-1980, LH Dipstick
CAN11-120M	SB Chevy 1980-85, RH Dipstick
CAN11-120T	SB Chevy 1986-Up, 1pc. Rear Main Seal
CAN20-040	Oil Pump Pickup, Standard Volume Pumps Only
CAN20-070	Oil Pump Pickup, High Volume Pumps
CAN20-072	Oil Pump Pickup, High Volume Pumps w/3/4" Tube
CAN20-077	Oil Pump Pickup, for MEL10555 Pump
CAN20-100	Oil Pump Pickup, for BB Chevy 5-Bolt Pump



CAN11-120

SMALL BLOCK CHEVY WET SUMP CIRCLE TRACK OIL PANS (continued)



COMPETITION SERIES 7" DEEP STREET STOCK

This circle track stock appearing pan is for pre-'80 Small Block Chevys with left side dipstick. It is designed for circle track applications where a stock appearing oil pan is required, such as strictly stocks or mini-stocks. Stock dimensions and capacity are retained, but Canton's specially designed baffling system ensures increased oil control. This pan requires our 20-002 pickup.

FEATURES

- Double Trap Door Baffles
- Crank Scraper
- Removable Windage/Anti-Slosh Baffle

PART #	DESCRIPTION
CAN11-122	SB Chevy Pre-1980 Steel Pan, LH Dipstick
CAN11-122M	SB Chevy 1980-85 Steel Pan, RH Dipstick
CAN11-122T	SB Chevy 1986-Up, 1-Pc Rear Main Seal
CAN20-040	Oil Pump Pickup, Standard Volume Pumps
CAN20-070	Oil Pump Pickup, High Volume Pumps
CAN20-072	Oil Pump Pickup, High Volume Pumps w/3/4" Tube
CAN20-077	Oil Pump Pickup, for MEL10555 Pump
CAN20-100	Oil Pump Pickup, for BB Chevy 5-Bolt Pump



CAN11-122

COMPETITION SERIES OPEN CHASSIS 6-1/2" DEEP

NEW! This SBC competition open chassis wet sump is for '85 and earlier Small Block Chevys. It is designed for chassis without any x-members under the engine (asphalt and dirt modifieds, sprint cars, and some late models). It provides maximum ground clearance at only 6.5 inches deep, but still provides an 8 quart system capacity with its "L" sump design. Sump measures 11-1/2" wide, 16" long 6-1/2" deep, and provides a 9 quart system capacity. Requires one of our pickups.

NEW PRODUCT

FEATURES

- Six Trap Door Baffles & Three Directional Oil Runners
- Crank Scraper
- Bolt in Slosh Baffle
- Built in Screen Windage Tray
- 1/2" NPT Temperature Bung
- Provision for our Pan Mounted Dipstick
- Magnetic Drain Plug

PART #	DESCRIPTION
CAN11-190	Steel Pan, SB Chevy 1985 & Earlier
CAN20-030	Oil Pump Pickup, Standard Volume Pumps
CAN20-031	Oil Pump Pickup, Standard Volume Pumps w/3/4" Tube
CAN20-032	Oil Pump Pickup, High Volume Pumps



CAN11-190

COMPETITION SERIES OPEN CHASSIS 7" DEEP

This SBC competition open chassis wet sump is for '85 and earlier Small Block Chevys. It is designed for chassis without any x-members under the engine (asphalt and dirt modifieds, sprint cars, and some late models). It has a 11-1/2" wide, 16" long 7" deep "L" sump, and a 9 quart system capacity. Requires one of our pickups.

FEATURES

- Six Trap Door Baffles & Three Directional Oil Runners
- Crank Scraper
- Bolt in Slosh Baffle
- Built in Screen Windage Tray
- 1/2" NPT Temperature Bung
- Provision for our Pan Mounted Dipstick
- Magnetic Drain Plug

PART #	DESCRIPTION
CAN11-180	Steel Pan, SB Chevy 1985 & Earlier
CAN20-040	Oil Pump Pickup, Standard Volume Pumps
CAN20-042	Oil Pump Pickup, Standard Volume Pumps w/3/4" Tube
CAN20-070	Oil Pump Pickup, High Volume Pumps
CAN20-072	Oil Pump Pickup, High Volume Pumps w/3/4" Tube
CAN20-077	Oil Pump Pickup, for MEL10555
CAN20-100	Oil Pump Pickup, for BB Chevy 5-Bolt Pump



CAN11-180



SMALL BLOCK CHEVY WET SUMP CIRCLE TRACK OIL PANS

POWER SERIES OPEN CHASSIS

This open chassis "L" style steel wet sump is for '85 and earlier Small Block Chevys with left or rear mounted starters. This oil pan is designed for chassis without x-members under the engine (asphalt and dirt modifieds, sprint cars, and some late models). It has an 11-1/2" wide, 16" long, 7" deep "L" sump with a 9 quart system capacity. Requires one of our pickups. Also an available option for this pan is #20-914 Pro Louvered Windage Tray, designed to replace the standard screen tray in this pan.

FEATURES

- Six Trap Door Baffles & Directional Oil Runners
- Pro Style Oil Recovery Pouch
- Bolt in Slosh Baffle
- Built in Screen Windage Tray
- 1/2" NPT Temperature Bung
- Provision for our Pan Mounted Dipstick
- Magnetic Drain Plug



CAN11-186

PART #	DESCRIPTION
CAN11-186	Steel Pan, SB Chevy 1985 & Earlier
CAN11-186A	Aluminum Pan, SB Chevy 1985 & Earlier
CAN11-187	Steel Pan, Pro Style, SB Chevy 1985 & Earlier
CAN20-040	Oil Pump Pickup, Standard Volume Pump
CAN20-070	Oil Pump Pickup, High Volume Pumps
CAN20-072	Oil Pump Pickup, High Volume Pump w/3/4" Tube
CAN20-077	Oil Pump Pickup, for MEL10555
CAN20-100	Oil Pump Pickup, for BB Chevy 5-Bolt Pump

POWER SERIES OPEN CHASSIS SHALLOW

This open chassis shallow "L" style steel wet sump is for pre-'85 Small Block Chevys. The pan is designed for applications requiring extra ground clearance and with chassis without any x-members under the engine (asphalt and dirt modifieds, sprint cars, and some late models). It has a 16" long, 6-1/2" deep "L" sump with an 8 quart system capacity. Requires one of our pickups. Also an available option for this pan is #20-914 Pro Louvered Windage Tray, designed to replace the standard screen tray in this pan.

FEATURES

- Six Trap Door Baffles & Directional Oil Runners
- Pro Style Oil Recovery Pouch
- Bolt in Slosh Baffle
- Built in Screen Windage Tray
- 1/2" NPT Temperature Bung
- Provision for our Pan Mounted Dipstick
- Magnetic Drain Plug



CAN11-196

PART #	DESCRIPTION
CAN11-196	Steel Pan, SB Chevy 1985 & Earlier
CAN20-031	Oil Pump Pickup, High Volume Pumps
CAN20-032	Oil Pump Pickup, Standard Volume Pumps w/3/4" Tube
CAN20-036	Oil Pump Pickup, Standard Volume Pumps

FORD WET SUMP CIRCLE TRACK OIL PANS



STOCK APPEARING SERIES 2300CC

This Circle Track stock appearing rear sump is for '74-'97 2300cc OHC Ford engines. It is stock depth with a 5 quart system capacity. Stock dimensions are retained, but Canton's specially designed baffling system ensures increased oil control. This pan requires a 11-911 pickup.

FEATURES

- Three Trap Door Baffles & Two Directional Oil Runners
- Crank Scraper
- Removable Windage/Anti-Slosh Baffle
- Magnetic Drain Plug

PART #	DESCRIPTION
CAN11-900	Ford 2300CC Steel Pan
CAN11-911	Oil Pump Pickup, 3/4" Dia



CAN11-900

COMPETITION SERIES 2300CC

This Ford left turn rear sump is for '74-97 2300cc ohc engines in Fox bodies, rear sump Pinto chassis, and mini-modifieds. It has a 7" deep, 11" wide, 8-1/2" long sump that holds 5 quarts and has a 5-1/2" quart system capacity. Pans will work with a stock starter. This pan works with our 2300 main support when using a 86C pump and pan's crank scraper is modified for clearance. This pan requires our 11-911 pickup.

FEATURES

- Three Trap Door Baffles & Directional Oil Runners
- Crank Scraper
- Removable Windage/Anti-Slosh Baffle
- 1/2" NPT Temperature Bung
- Provision For Our Pan Mounted Dipstick
- Magnetic Drain Plug

PART #	DESCRIPTION
CAN11-900	Ford 2300CC Steel Pan
CAN11-911	Oil Pump Pickup, 3/4" Dia



CAN20-850

OIL PAN ACCESSORIES

UNIVERSAL DIPSTICK KIT

This Universal steel tube dipstick kit is designed for our pans which have a pan mounted dipstick provision built into them. The dipstick needs to be calibrated for each application and can be bent to fit if necessary. Dipstick installs into 1/4" NPT female dipstick bung.

PART #	DESCRIPTION
CAN20-850	Universal Dipstick Kit



CAN20-931

WINDAGE TRAYS

This S.B. Chevy Pro Plus windage tray mounts off of the main caps and is designed as an integral part of the Pro Plus oil recovery system. Mounting the tray off of the main caps enables the tray to more tightly seal off the pickup area from the crank windage and keeps oil from splashing out of that area under race conditions.

TRAYS	
PART #	DESCRIPTION
CAN20-908	SB Chevy Pro Plus Louvered Windage Tray
CAN20-911	SB Chevy Full Length Windage Tray Screen, LH Dipstick
CAN20-930	SB Ford 289-302 Windage Tray Screen, Rear Sump
CAN20-931	SB Ford 289-302 Windage Tray Screen, Front Sump
CAN20-932	SB Ford 351W Windage Tray Screen, Rear Sump



CAN20-932

MOUNTING KITS

PART #	DESCRIPTION
CAN20-920	Mounting Kit for CAN20-911
CAN20-921	Mounting Kit for CAN20-908
CAN20-940	Mounting Kit for CAN20-930
CAN20-942	Mounting Kit for CAN20-932



CAN20-920



BILLET ALUMINUM OIL FILTER ADAPTERS

CHEVY OIL FILTER BLOCK-OFF & INPUT ADAPTER

This Oil Input Adapter with 1/2" N.P.T. port is for use with a dry sump or an external pump wet sump system. The adapter bolts into the stock bypass mounting holes. Fits both Small and Big Block Chevy, comes with all hardware & O-Rings.

PART #	DESCRIPTION
CAN22-520	Chevy Oil Filter Block-Off & Input Adapter

CHEVY OIL INPUT SANDWICH ADAPTER

This SBC Oil Input Adapter and Bypass Eliminator provides two 1/2" N.P.T. oil input ports, one before filtration (for an external oil pump) and one after filtration (for an Accusump). It mounts between the oil filter and block and bolts into the mounting holes left after the bypass is removed. Removing the stock bypass allows the engine to receive filtered oil all the time. The filter is lowered only 1-1/2". Comes with hardware and O-Rings.

PART #	DESCRIPTION
CAN22-550	SB Chevy Oil Input Adapter
CAN98-002	Replacement O-Ring Kit

CHEVY OIL COLLER SANDWICH ADAPTERS

This Chevy SBC Remote Oil Cooler Sandwich Adapter goes to cooler before filtration. It provides an in and out port for installing an oil cooler. It mounts between the oil filter and block, replacing the stock bypass and bolting into the mounting holes left after the bypass is removed. The filter is lowered only 1-1/2". Oil ports are 1/2" N.P.T. Comes complete with O-Rings and hardware.

PART #	DESCRIPTION
CAN22-540	SBC Remote Oil Cooler Sandwich Adapter Before Filtration
CAN22-541	SBC Remote Oil Cooler Sandwich Adapter After Filtration

CHEVY OIL BYPASS ELIMINATOR

This Chevy Filter Mount is a replacement for the stock oil bypassing filter mount. This strong billet aluminum mount has no bypass so it eliminates the possibility of unfiltered oil entering into the engine.

PART #	DESCRIPTION
CAN22-570	Chevy Oil Bypass Eliminator

90° ROTATING REMOTER OIL FILTER ADAPTERS

This 90 deg. rotating remote oil filter adapter spins-on to 13/16"-16 thread with 3-1/4" seal stock filter locations (SBC & Mark5/Gen 6 BBC) and provides 1/2" N.P.T. in and out ports for plumbing a remote filter. Its unique design permits the two 90° inlet and outlet ports to be rotated. This simplifies hose and fitting connections for all applications. It is machined from billet aluminum and comes with all necessary hardware and O-Ring seals.

PART #	DESCRIPTION
CAN22-592	Chevy 13/16"-16 Thread & 3-1/4" Seal
CAN22-595	Ford/Chrysler, 3/4"-16 Thread & 2-5/8" Seal
CAN98-004	Replacement O-Ring Kit

BILLET REMOTER OIL FILTER MOUNTS

This billet aluminum remote spin-on filter mount accepts Chevy type spin-on filters (13/16"-16). It is designed for use in high performance applications. Includes two 1/2" N.P.T. in-ports and two 1/2" N.P.T. out-ports. It can be plumbed right to left or left to right, for many plumbing options. Unused ports can be used for a temperature or oil pressure sender, or for Accusump input.

PART #	DESCRIPTION
CAN22-620	Accepts Chevy Spin-On 13/16"-16 Filters
CAN22-625	Accepts Ford Spin-On 3/4" -16 Filters



CAN22-550



CAN22-540



CAN22-595



CAN22-620



BILLET ALUMINUM OIL FILTER ADAPTERS (continued)

3 QUART ACCUSUMP

The 3 Quart Accusump is ideal for V-8 and high horsepower V-6 and 4 cylinders engines. It is the original and has been providing pre-oiling and surge protection in all types of racing and recreational vehicles for over 30 years. Has a 16" long and 4-1/4" dia.

PART #	DESCRIPTION
CAN24-006	3 Quart Accusump



CAN24-006

2 QUART ACCUSUMP

The 2 Quart Accusump is ideal for surge control on small block V-8, V-6, and 4 cylinder engines as well as pre-oiling for all engines. Has a 12" long and 4-1/4" dia. body.

PART #	DESCRIPTION
CAN24-026	2 Quart Accusump



CAN24-026

MOUNTING CLAMPS

Steel band mounting brackets for our 4-1/4" Dia. Accusumps. Mounting clamps are required for all Accusumps. When used on each end of an Accusump they provide the proper support at the end caps to ensure the tube does not become distorted. These are sold as a set of two stainless steel T-clamps.

PART #	DESCRIPTION
CAN24-200	Mounting Clamps



CAN24-200

NEW PRODUCTS

FILTER ELEMENTS

NEW! These cleanable and reusable filter elements are for CM filters requiring a 2-5/8" filter element. They are designed for race applications where oil is clean and frequently inspected and changed. In other applications they should be used as a secondary inspection filter. The pleated 400 mesh screen media filters to 40 microns.

PART #	DESCRIPTION
CAN26-050	Filter Elements



CAN26-050

NEW! These cleanable and reusable filter elements are for CM filters requiring a 4-5/8" filter element. They are designed for race applications where oil is clean and frequently inspected and changed. In other applications they should be used as a secondary inspection filter. The pleated 400 mesh screen media filters to 40 microns.

PART #	DESCRIPTION
CAN26-150	Filter Elements



CAN26-150

ACCESS TO COMPLETE PRODUCT LINE AVAILABLE



STOCK CAR ENGINES

Champion® plugs for professional stock car engines are engineered to help engine builders, weekend racers and street performance enthusiasts optimize engine performance.

FEATURES

- Exceptional combustion and strength
- Withstands extreme operating temperatures and pressures
- Same spark plugs represented by professional race cars and trucks
- Projected surface gap design optimizes spark location and eliminates gap growth

SPARK PLUGS

PART #	THREAD	REACH	HEX	HEAT RANGE	TIP	WIRE	SEAT TYPE
CHAA57C	12mm	3/4"	11/16"	Hot	Angled	Standard	Gasket
CHAC53CX	14mm	3/4"	5/8"	Cold	Standard	Standard	Gasket
CHAC53VC	14mm	3/4"	5/8"	No Range	Surface	Standard	Gasket
CHAC55	14mm	3/4"	5/8"	Cold	Standard	Fine	Gasket
CHAC55CX	14mm	3/4"	5/8"	Cold	Standard	Standard	Gasket
CHAC55R	14mm	3/4"	5/8"	Cold	Retracted Tip	Standard	Gasket
CHAC57	14mm	3/4"	5/8"	Medium	Standard	Fine	Gasket
CHAC57A	14mm	3/4"	5/8"	Medium	Angled	Fine	Gasket
CHAC57CX	14mm	3/4"	5/8"	Medium	Standard	Standard	Gasket
CHAC57R	14mm	3/4"	5/8"	Medium	Retracted	-	Gasket
CHAC57VC	14mm	3/4"	5/8"	No Range	Surface	Standard	Gasket
CHAC57Y	14mm	3/4"	5/8"	Medium-Cold	Projected	Fine	Gasket
CHAC57YC	14mm	3/4"	5/8"	Medium	Projected	Standard	Gasket
CHAC59	14mm	3/4"	5/8"	Medium	Standard	Fine	Gasket
CHAC59A	14mm	3/4"	5/8"	Medium	Standard; Angled	Fine	Gasket
CHAC59CX	14mm	3/4"	5/8"	Medium	Standard	Standard	Gasket
CHAC59R	14mm	3/4"	5/8"	Medium	Retracted	Standard	Gasket
CHAC59Y	14mm	3/4"	5/8"	Medium	Projected	Fine	Gasket
CHAC59YC	14mm	3/4"	5/8"	Medium	Projected	Standard	Gasket
CHAC61	14mm	3/4"	5/8"	Medium	Standard	Fine	Gasket
CHAC61CX	14mm	3/4"	5/8"	Medium	Standard	Standard	Gasket
CHAC61Y	14mm	3/4"	5/8"	Medium	Projected	Fine	Gasket
CHAC61YC	14mm	3/4"	5/8"	Medium	Projected	Standard	Gasket
CHAC63CX	14mm	3/4"	5/8"	Medium	Standard	Standard	Gasket
CHAC63Y	14mm	3/4"	5/8"	Medium	Projected	Fine	Gasket
CHAC63YC	14mm	3/4"	5/8"	Medium	Projected	Standard	Gasket
CHAC65YC	14mm	3/4"	5/8"	Hot	Projected	Standard	Gasket
CHAG55R	10mm	3/4"	5/8"	Medium-Hot	Retracted	Standard	Gasket
CHAG57C	10mm	3/4"	5/8"	Medium-Hot	Standard	Standard	Gasket
CHAG59C	10mm	3/4"	5/8"	Hot	Standard	Standard	Gasket
CHAJ4C	14mm	3/8"	13/16"	Cold	Standard	Standard	Gasket
CHAJ61	14mm	3/8"	13/16"	Cold	Standard	Fine	Gasket
CHAJ63Y	14mm	3/8"	13/16"	Medium-Cold	Projected	Fine	Gasket
CHAJ6C	14mm	3/8"	13/16"	Medium-Hot	Standard	Standard	Gasket
CHAN57DR	14mm	3/4"	13/16"	Special Cold Firing End For Top Fuel Cars	-	-	Gasket
CHAN9YC	14mm	3/4"	13/16"	Medium	Projected	Standard	Gasket
CHAQL55	14mm	1/2"	13/16"	Cold	Standard	Fine	Gasket
CHAQL57	14mm	1/2"	13/16"	Medium	Standard	Fine	Gasket
CHARN14YC	14mm	3/4"	13/16"	Hot	Projected	Standard	Gasket
CHARN5C	14mm	3/4"	13/16"	Hot	Projected	Standard	Gasket
CHARV12YC	14mm	.460"	5/8"	Cold	Standard	Standard	Gasket
CHARV9YC	14mm	.460"	5/8"	Medium	Projected	Standard	Gasket
CHAS55C	14mm	.708"	5/8"	Cold	Standard	Standard	Conical
CHAS57C	14mm	.708"	5/8"	Cold	Standard	Standard	Conical
CHAS57YC	14mm	.708"	5/8"	Cold	Projected	Standard	Conical
CHAS59C	14mm	.708"	5/8"	Medium	Standard	Standard	Conical
CHAS59YC	14mm	.708"	5/8"	Medium	Projected	Standard	Conical
CHAS61C	14mm	.708"	5/8"	Medium	Standard	Standard	Conical
CHAS61YC	14mm	.708"	5/8"	Medium	Projected	Standard	Conical

NHRA ENGINES

This Champion® enhanced racing spark plug powers Kalitta Motorsports Dragsters and Funny Car and their powerful 8,000+ horsepower engines.

Engineered to Optimize Racing Performance

FEATURES

- Delivers improved performance
- Patented Surefire ceramic material
- Unplated 600-alloy ground wire
- Champion N1043Y powers 8,000+ horsepower engines
- Long insulator provides increased flashover protection



SPARK PLUGS (continued)

PART #	THREAD	REACH	HEX	HEAT RANGE	TIP	WIRE	SEAT TYPE
CHAV55C	14mm	.460"	5/8"	Cold	Standard	Standard	Conical
CHAV57C	14mm	.460"	5/8"	Medium	Standard	Standard	Conical
CHAV57YC	14mm	.460"	5/8"	Cold	Projected	Standard	Conical
CHAV59C	14mm	.460"	5/8"	Medium	Standard	Standard	Conical
CHAV59YC	14mm	.460"	5/8"	Medium	Projected	Standard	Conical
CHAV61	14mm	.460"	5/8"	Hot	Standard	Fine	Conical
CHAV63C	14mm	.460"	5/8"	Hot	Standard	Standard	Conical
CHAV63C	14mm	.460"	5/8"	Hot	Standard	Standard	Conical

NOTE: Spark Plug Cross Reference Chart on page 328.

COPPER SPARK PLUG WASHERS

Champion copper washers serve as a simple Spacer when the spark plug needs to be repositioned to keep the threads out of the combustion chamber and they also may be used to "index" each spark plug, so that the electrode of the spark plug is positioned properly within the combustion chamber.

PART #			
CHAN673X1	Solid	14mm	.080"
CHAN-675	Solid	14mm	.057"
CHAN677	Solid	14mm	.135"
CHAN-678	Stock Gasket	14mm	.052"/.070"



NEW PRODUCTS



Designed for Top Fuel engines producing as much as 10,000 HP. Insulator design promotes maximum cooling and fixed seal design combats cylinder pressures of upwards of 25,000 PSI.

Applications: Nitro Methane, Top Fuel Racing Plug

PART #	
CHAN1043Y	Solid



This plug is a surface gap style, featuring a projected core nose but no ground electrode. The "K" series plug strikes a perfect balance between a heavily suppressed street application and a fully non-suppressed race plug. Ideal for racer's utilizing sensitive, on-board race data collection systems.

Applications: NASCAR Racing Plug

PART #	
CHAKC572YV	Solid

ACCESS TO COMPLETE PRODUCT LINE AVAILABLE



HEX-A-JUST TRUE ROLLER SPEED SETS

Hex-A-Just Sets (9-3100A series) feature:

- Patented Hex-A-Just allows +/- 6 degrees
- Induction Heat-Treated, Billet Steel Sprockets
- 3 Keyway Billet Steel Crank Sprocket
- Premium True Roller Chain with .250" Diameter Rollers
- Hand Matched to qualify center distance and control run-out
- Many applications available .005" and .010" undersize
- Some sets available with Z-Chain

PART #	DESCRIPTION
CG9-3100A-010	Hex-A-Just Timing Set No Bearing SBC
CG9-3100A	Hex-A-Just Set w/Bearing SBC
CG9-3100A-015	Hex-A-Just Timing Set/No Bear SBC
CG9-3100A-STD	Hex-A-Just Timing Set w/Bearing SBC
CG9-3110A-STD	Hex-A-Just Timing Set BBC
CG9-3100B	Hex-A-Just w/Bearing SBC BBC Snout
CG9-3110A	Hex-A-Just Set BBC
CG9-3112A-STD	Hex-A-Just Timing Set Pontiac V-8
CG9-3135A	Hex-A-Just Timing Set 62 Up Ford

ORIGINAL TRUE ROLLER SPEED SETS

Original True Roller Sets (9-3100 series) feature:

- Ductile Iron or Induction Heat-Treated Cast Iron Cam Sprocket
- Induction Heat-Treated, Billet Steel, Crank Sprocket
- 3 Keyways allow +/- 4 degrees
- Premium True Roller Chain with .250" Diameter Rollers
- Hand Matched to qualify center distance and control run-out
- Many applications available in .005" and .010" undersize
- Some applications available with Z-Chain

PART #	DESCRIPTION
CG9-3100	True Roller Set SBC
CG9-3100-005	SBC Timing Set /No Bearing
CG9-3100-010	SBC Timing Set /No Bearing
CG9-3100-STD	SBC Timing Set /No Bearing
CG9-3100A-005	Billet SBC Timing Set
CG9-3103-010	340 Chrysler Timing Set
CG9-3103A	SB Chrysler Hex Adjust Set
CG9-3103-STD	340 Chrysler Timing Set
CG9-3110-STD	BBC Timing Set
CG9-3110A-010	BBC Timing Set
CG9-3100B-STD	Timing Set w/BB Snout
CG9-3135A-010	Ford V8 Timing Gear
CG9-3135-STD	Ford SB Timing Set
CG9-3145A	Timing Set V-6, V-8 262-305
CG9-3146	Timing Set Rocket Block SBC Raised Cam
CG9-3146A	Rocket Chevy Timing Set Hex Adjust Raised Cam
CG9-3146A-005	Timing Set
CG9-3146A-010	Timing Set/Rocket Bblock
CG9-3146B	Timing Set/Rocket Block
CG9-3146BZ	SBC Rocket Raised Cam BB Crank
CG9-3153a	Timing Set / LS1
CG9-3151	Lt 1 Timing Set

STREET BILLET TRUE ROLLER SPEED SETS

Street Billet Sets (9-3500 series) feature:

- Billet Steel Cam Sprocket
- Induction Heat-Treated, Billet Steel Crank Sprocket
- 9 Keyways allow +/- 8 degree
- Adjustability in 2 crank degree increments
- True Roller Chain with .250" Diameter Rollers
- Set is 100% Made in USA

PART #	DESCRIPTION
CG9-3500TX9	Timing Set True Roller Billet Steel SBC w/Torrington Bearing
CG9-3510TX9	Timing Set True Roller Billet Steel BBC
CG9-3522X9	Timing Set True Roller Billet Steel BB 429 460
CG9-3535X9	Timing Set True Roller Billet Steel SBF
CG9-3545X9	Timing Set True Roller Billet Steel SBC F/R Cam



RACE BILLET TRUE ROLLER SPEED SETS

Race Billet Sets (9-3600 series) feature:

- Induction Heat-Treated, Billet Steel Sprockets
- 3 or 9 Keyway Billet Steel Crank Sprocket (+/- 8°, 2° incr)
- Premium True Roller Chain with .250" Diameter Rollers
- Hand Matched to qualify center distance and control run-out
- Many applications available in .005" and .010" undersize
- Some applications available with Z-Chain

PART #	DESCRIPTION
CG9-3600TX9	Billet STL SBC F/R Cam
CG9-3635X9	Billet STL SBC F/R Cam

TRUE® ROLLER SETS FOR GM'S LS ENGINES

APPLICATION	HEX-A-ADJUST® TRUE® ROLLER	RACE BILLET TRUE® ROLLER		CHAIN ONLY
STANDARD CENTER DISTANCE		3 KEYWAY	9 KEYWAY	
LS1/LS2/LS6 1997-2005 5.7, 6.0 (three bolt cam/no or one sensor hub) - this also includes 2006 Pontiac GTO				
Single Roller	9-3158A	9-3658TX3	9-3658TX9	9-304
Single Roller "Z-Racing"	9-3158AZ	9-3658TX3Z	9-3658TX9Z	9-303
Double Roller (No Bearing)	9-3159A	9-3659X3	-	9-131
LS2 2006 6.0 (three bolt cam/four sensor hub)				
Single Roller	9-3172A	9-3672TX3	9-3672TX9	9-304
Single Roller "Z-Racing"	9-3172AZ	9-3672TX3Z	9-3672TX9Z	9-303
LS2/LS3 2007-2009 6.0, 6.2 (single bolt cam/four sensor hub) - these sets also include the chain damper				
Single Roller	-	9-3673TX3	9-3673TX9	9-304
Single Roller "Z-Racing"	-	9-3673TX3Z	9-3673TX9Z	9-303
LS7 2006-2010 (three bolt cam/four sensor hub)				
Single Roller	9-3167A	9-3667TX3	-	9-304
Single Roller "Z-Racing"	9-3167AZ	9-3667TX3Z	-	9-303
RAISED BLOCK SETS - Center distance raised .390"		3 KEYWAY	9 KEYWAY	
- damper #9-5491 recommended				
LS1/LS2/LS6 5.7, 6.0 (three bolt cam/no or one sensor hub)				
Single Roller "Z-Racing"	9-3158AZR	9-3658TX3ZR	9-3658TX9ZR	9-302
Double Roller (No Bearing)	9-3159AR	9-3659X3R	-	9-132
LS2 6.0 (three bolt cam/four sensor hub)				
Single Roller "Z-Racing"	9-3172AZR	9-3672TX3ZR	9-3672TX9ZR	9-302
LS2/LS3 6.0, 6.2 (single bolt cam/four sensor hub)				
Single Roller "Z-Racing"	-	9-3673TX3ZR	9-3673TX9ZR	9-302
LS7 (three bolt cam/four sensor hub)				
Single Roller "Z-Racing"	9-3167AZR	9-3667TX3ZR	-	9-302
REPLACEMENT NEEDLE BEARING for LS Sets = Part #9-232				
REPLACEMENT DAMPER PART #9-5491		Damper included on single bolt sets as noted above, but can be ordered as option for all your LS applications.		
VVT TENSIONER ELIMINATION KIT FOR LS		FOR THE RACER THAT WANTS TO TUNE FOR OPTIMUM PERFORMANCE, THIS KIT ELIMINATES THE COMMON PROBLEM AREA - TENSIONER FAILURE.		



QUICK BUTTON TWO-PIECE TIMING COVER

The perfect compliment to our Chevy Hex-A-Just True Roller Sets. The Quick Button Two Piece Timing Cover provides easy access to cam timing adjustment saving hours of set-up time on the dyno or at the track. The built-in cam button allows you to adjust cam endplay with the cover in place.

- Made from Die Cast Aluminum
 - Designed for easy access to Hex-A-Just
 - Easily-Adjustable, Thrust Bearing Cam Button
 - O-Ring Seal & Timing Cover Bolts Included
 - Accepts OEM-style timing cover gasket and crank shaft seal
- Available for Small Block Chevy and Big Block Chevy

TIMING COVERS

PART #	DESCRIPTION
CG9-207	Timing Cover Gasket / wp SBC
CG9-208	Timing Cover SBC
CG9-221	Cast SBC Timing Cover
CG9-227	Timing Cover SBC 2pc w/BBC Snout
CG9-229	Timing Cover 2pc. Cover



CG9-221
Timing Cover



Replacement
Timing Chain

TIMING CHAINS

PART #	DESCRIPTION
CG9-101	Roller Chain SBC Replacement
CG9-130	Plus Roller Replacement Chain BBC
CG9-130-5	SBC Replacement Chain
CG9-131	Chain / SBC / Replacement / Rocket
CG9-131-5	Chain / SBC / Replacement / Rocket
CG9-133	Ford 351c Chain
CG9-134	BBC True Roller Timing Chain
CG9-135	Timing Chain Dodge
CG9-138	Buick Timing Chain V6 & V8
CG9-4056	Timing Chain Individual w/Torrington Bearing

TRUE® ROLLING TIMING GEAR SETS

PART #	DESCRIPTION
CG102-STD	Special-set-sized Machined for Bearing; Available In Shorter Ctr To Ctr Lengths
CG102-001	-.001"
CG102-002	-.002"
CG102-003	-.003"
CG102-004	-.004"
CG102-005	-.005"
CG102-006	-.006"
CG102-007	-.007"
CG102-009	-.009"
CG102-010	-.010"
CG102-011	-.011"



CAM BUTTONS

Cam Buttons, Thrust Washers and Thrust Bearings prevent the cam from walking and provide anti-friction surface between block and cam sprocket.

PART #	DESCRIPTION
CG121	Cam Button .850" .810" Long
CG9-200	SB/BB Chevy .925" (59/64") Long used w/old style 3 spoke covers
CG9-202	SB/BB Chevy .640" (41/64") Long used w/newer style covers
CG9-204	BB Chrysler .714" (23/32") Long
CG9-221B	Cam Button Adapter for Frontplate on 9-221
CG9-226	Cam Button Wear Plate & Acc. Cast Timing



Cam Button



CG9-201
SBC Steel Thrust Washer
1/32" Thick



THRUST WASHERS & BEARINGS

PART #	DESCRIPTION
CG9-201	Steel Thrust Washer, SB Chevy .030" Thick
CG9-203	Steel Thrust Washer, BB Chevy .030" Thick
CG9-211	Bearing / 3pc / Cam Gear
CG9-220	Captured Thrust Bearing, SB/BB Chevy & BB Chrysler .150" Thick
CG9-220B	Bronze Thrust Washer, SB/BB Chevy & BB Chrysler .150" Thick
CG9-232	Captured Thrust Bearing, Cloyes LS Applications Only



CG9-2100-STD
STD SBC Timing Set

MISCELLANEOUS

PART #	DESCRIPTION
CG130	Roller Thrust w/Plate
CG131	Cam Lock Plate
CGP9005	Hex Adj. Bushing SB, BB Chry.
CG8-1016	Timing Set For Chevy 4 & 6 Cyl. (Includes Chevy Steel Crankshaft Gear & Alum. Camshaft Gear)
CG8-1018	Timing Gear Set for 151 Pontiac, Steel Crankshaft Gear, Cast Iron Camshaft Gear
CG9-221D	Rebuild Kit Timing Cover
CG9-2100-STD	Std SBC Timing Set
CG9-2110-STD	Std BBC Timing Set
CG9-4194	LS1-Chev Gen 111 Cover Rocket Block Raised Cam

ACCESS TO COMPLETE PRODUCT LINE AVAILABLE



HEAD GASKETS - DOMESTIC

CHEVY SMALL BLOCK

PART #	DESCRIPTION
COMC5215-040	GM Dart/Brodix 4.500" BC Block
COMC5215-051	GM Dart/Brodix 4.500" BC Block
COMC5245-027	Small Block 4.060" x .027"
COMC5245-030	Small Block 4.060" x .030"
COMC5245-036	Small Block 4.060" x .036"
COMC5245-040	Small Block 4.060" x .040"
COMC5245-051	Small Block 4.060" x .051"
COMC5245-060	Small Block 4.060" x .060"
COMC5245-080	Small Block 4.060" x .080"
COMC5246-027	Small Block 4.100" x .027"
COMC5246-030	Small Block 4.100" x .030"
COMC5246-036	Small Block 4.100" x .036"
COMC5246-040	Small Block 4.100" x .040"
COMC5246-051	Small Block 4.100" x .051"
COMC5247-040	Small Block 4.125" x .040"
COMC5248-027	Small Block 4.165" x .027"
COMC5248-030	Small Block 4.165" x .030"
COMC5248-036	Small Block 4.165" x .036"
COMC5248-040	Small Block 4.165" x .040"
COMC5248-045	Small Block 4.165" x .045"
COMC5248-051	Small Block 4.165" x .051"
COMC5248-060	Small Block 4.165" x .060"
COMC5248-066	Small Block 4.165" x .066"
COMC5249-027	Small Block 4.200" x .027"
COMC5249-030	Small Block 4.200" x .030"
COMC5249-040	Small Block 4.200" x .040"
COMC5249-045	Small Block 4.200" x .045"
COMC5249-051	Small Block 4.200" x .051"
COMC5249-060	Small Block 4.200" x .060"
COMC5249-066	Small Block 4.200" x .066"
COMC5249-080	Small Block 4.200" x .080"
COMC5327-040-WOS	Small Block 4.165" x .040"
COMC5328-040-WOS	Small Block .040" Bore

GM

PART #	DESCRIPTION
COMC5170	LS1 1999-05 Center Bolt
COMC5474-040	Small Block 4.080" BORE
COMC5551-040	Small Block All Pro Heads 4.220"
COMC5317-040	LS1 Small Block 4.130" Bore
COMC5317-051	LS1 Small Block 4.130" Bore
COMC5324-040	SB2-2 350/400 4.200" Bore
COMC5475-040	LS1 Small Block 3.910" Bore
COMC5475-051	LS1 Small Block 3.910" Bore
COMC5489-040	LS1 Small Block 4.100" Bore
COMC5489-051	LS1 Small Block 4.100" Bore
COMC5751-040	LS1 Small Block 4.060" Bore
COMC5751-051	LS1 Small Block 4.060" Bore
COMC5818-030	LS1 Small Block 5.3, 5.7&6.0L
COMC5645-040	LT1 Small Block 92-96 4.040"
COMC5806-040	Holden 308 V-8 4.100"
COMC5889-040	LS7 7.0L 06-Up 4.150" Bore
COMC5889-051	LS7 7.0L 06-Up 4.150" Bore

CHEVY BRODIX

PART #	DESCRIPTION
COMC5402-040	Small Block Brodix 4.160"
COMC5403-040	Small Block Brodix 4.200"
COMC5432-040	Brodix Big Duke/Brodie
COMC5433-040	Brodix Big Duke/Brodie
COMC5434-040	Brodix Big Duke/Brodie



Individual gaskets and gasket kits are available for both the Domestic and Import Automotive Markets. The Performance Gasket Line gives you options in: head gasket bore size and shape, gasket thickness, and custom water passages and pocket dimension solutions. Valve Cover and MLS Exhaust gaskets are also a part of the Performance Gasket Line.

The StreetPro Gasket Line is a product line of Cometic Gasket manufactured by Cometic. StreetPro is geared toward the street-rodder who is looking to purchase a kit with all necessary gaskets and seals needed for a rebuild. StreetPro gasket kits are sold as a top end kits and bottom end kits. Purchase both top- and bottom-end kits for a total engine rebuild. Quality gasket materials are a priority in StreetPro kits. Kits materials include: MLS, AFM, Aramid Fiber, and Armor Clad.

Today's lightweight engines are producing more horsepower, higher cylinder pressure, clamp load and extreme temperatures. Our commitment is to provide innovative, quality gaskets while maximizing your engine's power and performance. Our gaskets are proudly made in the U.S.A. with materials manufactured on American soil. Cometic Gasket, Inc., is an exclusive NASCAR Performance® Product.

MLS (MULTI LAYER STEEL)

The Cometic MLS gasket is comprised of three to five layers of Stainless Steel. Cometic uses Stainless steel for increased strength, its ability to rebound and corrosion resistance. The outer layers of the gasket are embossed and coated on both sides with a Viton rubber material designed to meet the demands of a variety of harsh sealing environments, load conditions and surface finishes. The Viton coating is heat resistant to 250C or 482F. The center or shim layer of the gasket is comprised of an uncoated Stainless Steel layer, which can be varied to accommodate multiple thickness requirements. The MLS gasket is ideal for any kind of head and block combination. By design the MLS gasket promotes an even torque load across the sealing surface allowing for measurable reduced bore distortion.

Available Thickness:

.027", .030", .036", .040", .045", .051", .060", .066", .070", .075", .080", .086", .092", .098", .120"

CUSTOM GASKETS

Cometic's custom gaskets can accommodate virtually any engine configuration from naturally aspirated, to the most exotic turbo and nitrous injected engines. Their commitment is to provide innovative, quality gaskets while maximizing your engine's power and performance.

Cometic has the ability to customize any gasket to meet your specific application. Need to change the bore size and/or thickness of a gasket? Or do you need a complete gasket design and execution? The process starts with a simple phone call. After CV's in-house Technical Sales Team understands your needs, they work directly with Cometic design engineers to insure the gasket is drawn with state-of-the-art software and manufactured with the best materials possible with the most current and efficient manufacturing processes. Your gasket is then made and shipped. The lead-time on bore and thickness changes is just three days while a complete gasket design takes just two weeks.

The passion for racing runs deep in our Technical Sales and Engineering Teams. CV and Cometic understand the importance of perfection in your next engine build because we are right there with you racing on weekends.

HEAD GASKETS - DOMESTIC (continued)

CHRYSLER

PART #	DESCRIPTION
COMC5447-040	426 Hemi to '99' 4.500"
COMC5460-040	361/383/413/440- 4.350"
COMC5461-040	361/383/413/440- 4.380"
COMC5461-051	361/383/413/440- 4.380"
COMC5462-040	361/383/413/440- 4.410"
COMC5464-040	440 Siamese 4.500"
COMC5622-040	318/340/360 4.080"
COMC5633-040	318/340/360 4.040"

CUMMINS

PART #	DESCRIPTION
COMC5609-052	6.7L Common Rail 09+
COMC5855-061	5.9L 24V Diesel 98-02
COMC5955-061	12V Diesel 89-98

DODGE

PART #	DESCRIPTION
COMC5113-051	Viper 92-E96 8L 4.030"
COMC5749-040	5.7L Hemi 4.100"
COMC5750-040	5.7L Hemi 4.100"
COMC5197	6.1L Hemi 2005+UP
COMC5876-040	6.1L Hemi 4.100"

FORD

PART #	DESCRIPTION
COMC5118-030	4.6L V-8 Left Side (92mm)
COMC5119-030	4.6L V-8 Right Side (92mm)
COMC5369-040	2.3L 4Cyl 3.83" (97mm)
COMC5392-030	2011 5.0L Modular V8
COMC5481-051	302/351, 4.100" Round
COMC5483-040	302/351, 4.155" Round
COMC5483-051	302/351, 4.155" Round
COMC5484-040	302/351, 4.180" Round
COMC5485-040	302/351, 4.200" Round
COMC5502-030	4.6L V-8 Left Side (94mm)
COMC5503-030	4.6L V-8 Right Side (94mm)
COMC5511-027	289/302/351, 4.030" Non SVO
COMC5511-040	289/302/351, 4.030" Non SVO
COMC5511-051	289/302/351, 4.030" Non SVO
COMC5511-060	289/302/351, 4.030" Non SVO
COMC5512-040	289/302/351, 4.060" Non SVO
COMC5512-080	289/302/351, 4.060" Non SVO
COMC5513-040	289/302/351, 4.080" Non SVO
COMC5513-051	289/302/351, 4.080" Non SVO
COMC5514-040	289/302/351, 4.100" Non SVO
COMC5515-040	289/302/351, 4.155" Non SVO
COMC5515-051	289/302/351, 4.155" Non SVO
COMC5517-040	289/302/351, 4.200" Non SVO
COMC5589-062	Powerstroke 6.0L 03-06
COMC5666-040	429/460CI, 4.400"
COMC5667-040	429/460CI, 4.500"
COMC5668-040	429/460CI, 4.670"
COMC5743-045	460 Pro Stock 4.600"
COMC5744-045	460 Pro Stock 4.685"
COMC5757-052	Small Block 289/302/351, SVO 4.200"
COMC5840-040	FE 352-428, 4.400"
COMC5871-040	351 Cleveland 4.100"
COMH1483SP40405	SBF DE SVO 4.210" x .040"
COMH1483SP40455	SBF DE SVO 4.210" x .045"

LCE (LOAD CONTROL EMBOSSEMENTS)

LCE refers to a specific embossment design available on some MLS head gaskets. This embossment design requires less clamp load creating less bore distortion and conforms load distribution across the sealing area.

3 Layer LCE Cross Section



CHEVY BIG BLOCK

PART #	DESCRIPTION
COMC5329-040	Big Block 4.375" x .040"
COMC5329-051	Big Block 4.375" x .051"
COMC5329-066	Big Block 4.375" x .066"
COMC5330-040	Big Block 4.540" x .040"
COMC5330-051	Big Block 4.540" x .051"
COMC5330-060	Big Block 4.540" x .060"
COMC5331-040	Big Block 4.630" x .040"
COMC5331-045	Big Block 4.630" x .045"
COMC5331-051	Big Block 4.630" x .051"
COMC5331-060	Big Block 4.630" x .060"
COMC5331-066	Big Block 4.630" x .066"
COMC5331-070	Big Block 4.630" x .070"
COMC5331-075	Big Block 4.630" x .075"
COMC5331-080	Big Block 4.630" x .080"
COMC5333-040	Big Block 4.540" x .040"
COMC5334-040	Big Block 4.630" x .040"
COMC5816-027	Big GEN IV 4.320" x .027"
COMC5816-040	Big GEN IV 4.320" x .040"
COMC5816-051	Big GEN IV 4.320" x .051"
COMC5816-060	Big GEN IV 4.320" x .060"

MISCELLANEOUS

PART #	DESCRIPTION
COMC5020-021	GEN. 5, SBC 6.2L LT1 C7 Corvette
COMC5760-040	GEN. 6, 502, 4.470"
COMC5739-040	Chevy 229/262 V-6 (4.3L) 4.06"
COMC5640-040	Mercury-Chevy GEN.4 BB 4.580"
COMC5641-051	Mercury-Chevy GEN.4 BB 4.600"
COMC5691-040	Buick V6 196,231,252 3.86"
COMC5769-040	Pont V8 4.200"
COMC5809-040	Olds 330-455 V8 4.200"
COMC5039-030-B	Single Bulk
COMH1075SPY040S	SBC Head Gasket
COMH2462SPR040S	Head Gasket
COMH2653SP1027S	Head Gasket Outlander 06-07
COMH2653SPC051S	MLS Head Gasket for 06-10
COMH2982SP2040S	Wide Bore 4.305" Head Gasket
COMH3411SP6040S	SBC Head Gasket 4.165" - .040"
COMH3491054S	RH Head Gasket
COMH3492054S	LH Head Gasket

MLX (MULTI-LAYER STOPPER)

Utilizes an integrated stopper layer for combustion chamber sealing and improved clamp load around the cylinder without increasing bore distortion. MLX technology can be found in some head gaskets and are made from the same materials as our MLS Head Gaskets. No sealants or re-torque required.

3 Layer MLX Cross Section



4 Layer MLX Cross Section



HEAD GASKETS - SPORTS COMPACT

BMW

PART #	DESCRIPTION
COMC4328-070	M50B25/M52B28 Engine 85mm
COMC4328-098	M50B25/M52B28 Engine 85mm
COMC4328-120	M50B25/M52B28 Engine 85mm
COMC4328-140	M50B25/M52B28 Engine 85mm
COMC4329-070	S50B30/S52B32 (US ONLY) 87mm
COMC4329-140	S50B30/S52B32 (US ONLY) 87mm
COMC4329-080	S50B30/S52B32 (US ONLY) 87mm
COMC4508-070	S50B30/B32 (EURO ONLY) 87mm
COMC4394-070	M20 2.5L, 2.7L 85mm
COMC4394-080	M20 2.5L, 2.7L 85Mmm
COMC4293-051	1766/1990cc 72-88 90mm

FORD

PART #	DESCRIPTION
COMC4174-2	Cosworth/Lotus BDA Case Kit
COMC4248	Cosworth YB Case Kit
COMC4270	Cosworth/Lotus 8 Valve Case Kit
COMC4350-040	Cosworth Pinto/YB 92.5mm
COMC4350-051	Cosworth YB 92.5mm MLS

HONDA

PART #	DESCRIPTION
COMC4191-030	Hybrid LS/VTEC 82mm
COMC4193-030	Hybrid LS/VTEC 84mm
COMC4193-040	Hybrid LS/VTEC 84mm
COMC4194-030	Hybrid LS/CRV-VTEC 85mm
COMC4236-030	Hybrid LS/VTEC 81.5mm
COMC4237-030	Hybrid LS/VTEC 81mm
COMC4241-030	Hybrid LS/CRV-VTEC 84.5mm
COMC4168-030	CRX, Civic, INTG VTEC 82mm
COMC4168-040	CRX, Civic, INTG VTEC 82mm
COMC4182-030	CRX, Civic, INTG-VTEC 85mm
COMC4188-030	CRX, Civic, INTG-VTEC 84mm
COMC4188-040	CRX, Civic, INTG-VTEC 84mm
COMC4195-030	CRX SI, Civic, SOHC 76mm
COMC4231-030	CRX, Civic, INTG-VTEC 81mm
COMC4231-040	CRX, Civic INTG-VTEC 81mm
COMC4251-040	CRX SI, Civic, SOHC 75.5mm
COMC4231-051	CRX, Civic, INTG-VTEC 81mm
COMC4232-030	CRX, Civic, INTG-VTEC 81.5mm
COMC4232-040	CRX, Civic, INTG-VTEC 81.5mm
COMC4232-051	CRX, Civic, INTG-VTEC 81.5mm
COMC4251-030	CRX SI, Civic, SOHC 75.5mm
COMC4251-051	CRX SI, Civic, SOHC 75.5mm
COMC4300-030	K20/K24 86mm Head Gasket
COMC4311-030	K20/K24 87mm Head Gasket
COMC4312-030	K20/K24 88mm Head Gasket
COMC4312-040	K20/K24 88mm Head Gasket
COMC4313-030	K20/K24 89mm Head Gasket
COMC4238-030	Acura DOHC 81mm B18A/B
COMC4252-030	Prelude 87mm '97-up
COMC4255-030	Prelude 87mm '92-96'
COMC4335-030	F20C S2000 thru '03 89mm
COMC4522-030	D16A1/2/8/9 75.5mm

LOTUS

PART #	DESCRIPTION
COMC4133-040	4 CYL Head Gasket 85mm
COMC4140-040	4 CYL Head Gasket 84mm
COMC4142-040	4 CYL Head Gasket 86mm
COMC4143-040	4 CYL Head Gasket 87mm

MIT

PART #	DESCRIPTION
COMC4233-051	4G63/T 85.5mm .051"MLS
COMC4234-051	4G63/T 86mm .051" MLS
COMC4235-051	4G63/T 87mm .051" MLS
COMC4423	4G63, 4G63T 89-92 COM
COMC4156-051	Lancer EVO4-8 86mm
COMC4157-051	Lancer EVO4-8 85mm
COMC4591-051	Lancer EVO4-8 87mm

NISSAN

PART #	DESCRIPTION
COMC4177-030	RB-20/25 Exhaust
COMC4317-051	RB-25 6 CYL 86mm
COMC4318-051	RB-25 6 CYL 87mm
COMC4318-060	RB-25 6 CYL 87mm
COMC4320-051	RB-26 6 CYL 87mm
COMC4320-060	RB-26 6 CYL 87mm
COMC4323-051	RB-30 6 CYL 87mm
COMC4323-075	RB-30 6 CYL 87mm
COMC4495-051	RB-20E/DE/DET 2.0L 80mm
COMC4200-030	SR20DE/T 91-02 Exhaust
COMC4324-040	SR20DE/DET 87.5mm S13
COMC4324-051	SR20DE/DET 87.5mm S13
COMC4576-045	SR20DE/DET 87.5mm S14
COMC4285-040	Silvia/240SX 90mm
COMC4346-045	300ZX 1990-up 88mm
COMC4480-051	CA18 DOHC 84-87 85mm
COMC4523	CA18 DET DOHC Exhaust
COMC4345-030	VQ30/VQ35 V6 96mm LH
COMC4361-030	VQ30/VQ35 V6 96mm RH

SUBARU

PART #	DESCRIPTION
COMC4261-040	EJ20GN Turbo 93mm
COMC4261-045	EJ20GN Turbo 93mm
COMC4261-051	EJ20GN Turbo 93mm
COMC4261-060	EJ20GN Turbo 93mm
COMC4264-040	EJ25 Motor 100mm
COMC4264-051	EJ25 Motor 100mm
COMC4264-060	EJ25 Motor 100mm
COMC4587-032	EJ255 03+/EJ257 04-10
COMC4574-040	EJ255 03+/EJ257 04-10
COMC4574-051	EJ255 03+/EJ257 04-10
COMC4589-032	FA20 2.0L DOHC 89.5mm
COMC4588-032	FA20 2.0L DOHC 89.5mm

TOYOTA

PART #	DESCRIPTION
COMC4276-051	Lexus Supra '93-up 87mm
COMC4276-060	Lexus Supra '93-up 87mm
COMC4276-070	Lexus Supra '93-up 87mm
COMC4278-051	Supra '87-92' 84mm
COMC4278-056	Supra '87-92' 84mm
COMC4278-075	Supra '87-92' 84mm
COMC4278-080	Supra '87-92' 84mm
COMC4314-040	3S-GE/3S-GTE 87mm 87-97
COMC4314-051	3S-GE/3S-GTE 87mm 87-97
COMC4166-040	4AG-GE 83mm
COMC4170-040	4AG-GE 16V 81mm
COMC4245-027	Tacoma-2RZ/3RZ 97mm
COMC4245-030	Tacoma-2RZ/3RZ 97mm
COMC4269-040	20R/22R Motor, 95mm
COMC4176-040	1.6L 2T/2TC/3TC/3T-EU 89mm

VAUXHALL

PART #	DESCRIPTION
COMC4216-051	16 Valve 2L 88mm
COMC4216-060	16 Valve 2L 88mm
COMC4216-070	16 Valve 2L 88mm
COMC4216-075	16 Valve 2L 88mm

VW/AUDI

PART #	DESCRIPTION
COMC4246-051	1800/2000CC 85mm
COMC4247-051	1800/2000CC 83mm
COMC4558-051	1.8T 1997-UP 20V AEB

MISCELLANEOUS

PART #	DESCRIPTION
COMC4499-045	Volvo B23, 78' - 98', 97mm
COMC4499-051	Volvo B23, 78' - 98', 97mm
COMC4122-040	Mazda Miata 1.6L 80mm
COMC4568-040	Mazda Miata 1.8L DOHC 84mm
COMC4124-075	Lancia/FiatDelta/Tempra 85mm
COMC4265	Jag 3.4/3.8/E4.2 Eng Case Kit
COMC4282-040	Jag 3.8L 6 CYL 88mm
COMC4512-051	Opel Ascona, Kadett 2.0L, 97mm
COMC4540-051	Renault Clio16V 1.8/2.0, 84mm

HEAD GASKETS - STREET PRO KITS

CHRYSLER

PART #	DESCRIPTION
COMPRO1023T	6.1L Hemi 2005 - PRESENT

CUMMINS

PART #	DESCRIPTION
COMPRO3001T	5.9L 6BT 91-97 12V
COMPRO3002T	5.9L 6BT 98-02 24V
COMPRO3004T	6.7L 09+UP

FORD

PART #	DESCRIPTION
COMPRO3005T	6.0L PS 03-06-18mm Dowels
COMPRO3006T	6.0L PS 07-08-20mm Dowels
COMPRO3007T	6.4L Powerstroke 08-10

GM

PART #	DESCRIPTION
COMPRO1007B	LS1 5.7/6.0L V8 (NOT VETTE)
COMPRO1007T	1997-05 LS1 5.7L (CAR ONLY)
COMPRO1008T	99-05 LS1 6.0L (TRUCK ONLY)
COMPRO1036T	LS 6.0/6.2L Truck/Van/SUV
COMPRO1040T	LS 4.8/5.3L Truck/Van/SUV
COMPRO3008T	6.6L Durmax 2001-2004
COMPRO3009T	6.6L Durmax 2004-2007

HONDA

PART #	DESCRIPTION
COMPRO2002T	B16A2/A3 B18C5 94-01
COMPRO2003B	B16A2/A3 B18C1/C5 94-01

CARB GASKETS

PART #	DESCRIPTION
COMC5263	Holley 4150 Carb Base Gasket Open Plenum
COMC5262	Holley 4150 Carb Base Gasket 4 Holes 1-3/4"
COMC5281	Holley 4500 Carb Base Gasket Open Plenum

EXHAUST GASKETS

PART #	DESCRIPTION
COMC5893-030	Small Block Chevy MLS (Set) 1.625" Round Port
COMC5040-030	GM SBC Brodix/All Pro 287 (7 Bolt) MLS (Pair)
COMC5309-030-B	GM 11-13 MLS Exhaust Gasket (each)
COMC5818-030	GM LS1 Round Port MLS (Pair)
COMC5996-030	GM BBC 2.130" Round Port MLS (Pair)
COMC5725-040	Cummins 12v MLS (Set) 1992-97
COMC5726-040	Cummins 24v MLS (Set) 1998-02

INTAKE GASKETS

PART #	DESCRIPTION
COMC5528-060	Small Block Chevy 23" Set 1.28" x 2.17" Ports
COMC5649-060	GM BBC Rect Port 1.75" x 2.50" Ports
COMC15041-060	GM BBC Oval Port 1.82" x 2.05" Ports
COMC5197	Chrysler 6.1L Gen III Hemi Manifold Set
COMC5611-060	Chrysler Big Block Wedge 2.31" x 1.23" Ports
COMC5598-047	Chrysler 426 Hemi 1.85" x 2.00" Ports
COMC5652-060	Ford Small Block N351, 2.120" x 1.280"
COMC5043-060	Ford 429/460 Big Block - Stock Heads
COMIR1180SP1125KF	Ford Intake Gasket
COMIR193125KF	Ford Intake Gasket

OIL PAN GASKETS

PART #	DESCRIPTION
COMC5295-094	Small Block Chevy 1955-79 4pc Set (LH Dipstick)
COMC5072	Small Block Chevy 1986-97 1pc Molded Rubber
COMC5104-075	Small Block Chevy/Rocket/Dart Block AFM 4pc Set
COMC5344	GM BBC 4pc Set 1965-90
COMC15077	GM BBC 1pc Molded Rubber, 1991-00
COMC5606-060	Chrysler Wedge/HEMI, .060" AFM

STREETPRO

The StreetPro Gasket Line caters to the budget-minded street-rodder who is looking to purchase a kit with all necessary gaskets and seals needed for their rebuild. StreetPro gasket kits are sold as a top-end kits and bottom-end kits. Purchase both top- and bottom-end kits for a total engine rebuild. Quality gasket materials are a priority in StreetPro kits.

Kit materials include: MLS, AFM, Aramid Fiber, and Armor Clad.

Check out Cometic's Automotive Line of gaskets for individual and custom gaskets including Valve Cover, MLS Exhaust and MLS Head Gaskets with a variety of bore and thickness sizes.

NISSAN

PART #	DESCRIPTION
COMPRO2009T	SR20DET S14 RWD 94-98
COMPRO2015T	RB20DET 1988-93
COMPRO2016T	RB25DE 1991-2002
COMPRO2017B	RB20/25/26DETT 1988-02
COMPRO2017T	RB26DETT 1989-2002
COMPRO2018T	CA18DET 1989-1993

SUBARU

PART #	DESCRIPTION
COMPRO2023C	EJ205 DOHC 04-05
COMPRO2024C	EJ257 DOHC STI 04-06
COMPRO2044C	WRX EJ20 2002-03
COMPRO2048C	STI EJ257 DOHC 2008-10

TOYOTA

PART #	DESCRIPTION
COMPRO2019T	3S-GTE 2.0L 1989-94
COMPRO2020T	7M-GTE 3.0L 1986-92



VALVE COVER GASKETS

PART #	DESCRIPTION
COMC5170	GM LS1 Molded Rubber
COMC5973	Small Block Chevy Valve Cover Gasket
COMC5974	Small Block Ford Molded Rubber
COMC5975	Big Block Chevy Molded Rubber
COMC5976	Chrysler 426 HEMI Molded Rubber
COMC5983	Chrysler Big Block Wedge Molded Rubber

MISCELLANEOUS GASKETS

PART #	DESCRIPTION
COMC5174	GM LS1 Mounting Gaskets Water Pump (Pair)
COMC5087	GM BBC 1pc Viton, 1991-00 Rear Main Seal
COMC5848-020	Ford 9", .020" Embossed Steel Rear Differential
COMTC001032AFM	SBC Timing Cover Gasket
COMMA0198125A	ARCA Restrictor (OLD STYLE)
COMFC011080KFM	Fuel Cell Gasket
COMC5531-047	Distributor Gasket
COMC5299-018	GM SB V8 Water Pump Gasket
COMWP123060AFM	BBC Water Pump Gasket
COMWP126060AFM	Ford/Cosworth/Lotus 4 CYL Thermo
COMOP083060KF	Ford/Cosworth/Lotus/Oil Pump Gasket
COMOP140060KF	Ford/Lotus BDA/Push/FVA Oil P.
COMC5389-060	Chevy/Dodge/Ford Fuel Pump Gasket
COMFP001-032-AFM	SBC 2-Hole Fuel Pump Gasket
COMFP002032-AFM	SBC 4-Hole Fuel Pump Gasket

ACCESS TO COMPLETE PRODUCT LINE AVAILABLE

Continental 
The Future in Motion

ELITE
Premium aftermarket products

Continental Elite® Poly-V® Belts with Quiet Channel Technology™

As times change, so do design and innovation, especially when it comes to Elite® Poly-V® Belts

Elite® Poly-V® Belts have evolved into quieter, longer-lasting belts, which proves change is good. With change comes even more opportunities, like the many benefits associated with buying the Elite® brand:

- › Excellent coverage - more than 98% of vehicles in operation
- › Membership in Elite® RPM™ rewards installers for every Poly-V® belt purchased and installed.
- › Great brand recognition



Continental Elite® Belts Your Quiet Driver

Not all belts are created equal

When it comes to drives, you want things quiet. The unique rubber compound found in our Continental Elite® belts ensures a smooth, quiet drive on almost any vehicle on the road today. That's why it's known as "The Quiet Belt".

To prove it, we performed a series of noise tests on our Continental Elite® belt and three other leading brands. The graph below shows how Continental Elite® outperformed the competition each and every time, delivering a quiet ride for 100% of the 24-hour testing period.

Original Belt Construction

- › Straight-ribbed design prone to high noise and slippage
- › Inferior design and material makeup

1990s Construction

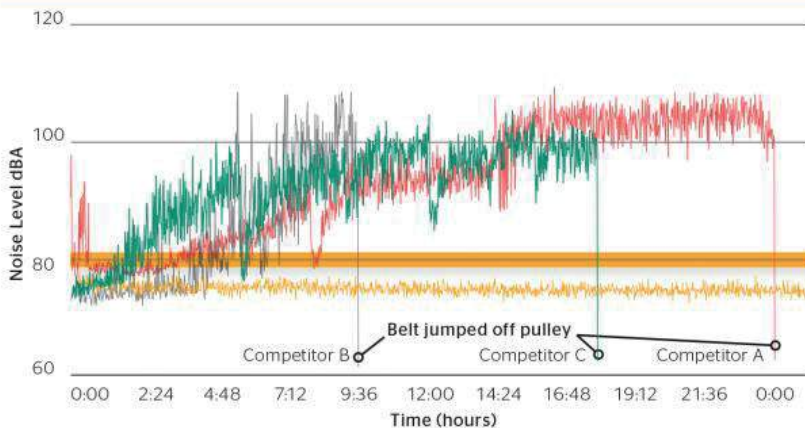
- › Sequential helixog design reduces noise and slippage
- › Treated for improved wear resistance

Elite® Poly-V® Belts with Quiet Channel Technology™

- › Advanced variable cog design practically eliminates noise and slippage
- › Greater wear resistance
- › Exceptional belt life
- › Runs quieter than previous construction
- › Fiber-loaded backing with additional cord support improves flexibility and reduces heat build-up
- › Used on today's stock cars

Noise Test

(80 dBA is the standard maximum acceptable noise level in automobiles)



■ Continental Elite® ■ Competitor B
■ Competitor A ■ Competitor C



Elite® Poly-V® belts take performance to the next level with Quiet Channel Technology,™ making the belt run quieter and last longer. The combination of a unique staggered "Helicog" profile with advanced EPDM rubber compounds virtually eliminates the chirps, squeaks and squeals typically associated with pulley misalignment. Advancements in design and materials give you the highest performance, low maintenance and proven results – with no exceptions.

V-BELTS

PART #	DESCRIPTION
15285	5/32" Wide 25.625" Long
15325	15/32" Wide 32.625" Long
15346	5/32" Wide 34.750" Long
15361	5/32" Wide 36.125" Long
15285Y	5/32" Wide 25.625" Long
15310DY	Special 804 Cord, 15/32" Wide 31" Long
15321Y	5/32" Wide 32.125" Long
15325DY	Special 804 Cord, 15/32" Wide 32.625" Long
15456Y	5/32" Wide 45.750" Long

The Poly-V® is a serpentine belt made specifically for automotive drives. Its V-groove design matches the V-groove pulley used by manufacturers and the SAE industry standard. What makes the Poly-V® different is its continuous engagement of belt and pulley, allowing greater horsepower capacity per inch of width.

SERPENTINE POLY V-BELTS

PART #	DESCRIPTION
4030240	3-RIB 24.0" Length
4030250	3-RIB 25.0" Length
4030300	3-RIB 30.0" Length
4030355	3-RIB 35.5" Length
4040300	4-RIB 30.0" Length
4050325	5-RIB 32.5" Length
4050335	5-RIB 33.5" Length
4050355	5-RIB 33.5" Length
4050365	5-RIB 36.5" Length
4050385	5-RIB 38.5" Length
4060290	6-RIB 29.0" Length
4060360	6-RIB 36.0" Length
4060385	6-RIB 38.5" Length
4030200Y	3-RIB 20.0" Length
4030227XY	3-RIB 22.7" Length XY
4030240Y	3-RIB 24.0" Length
4030250Y	3-RIB 25.0" Length
4030257XY	3-RIB 25.7" Length
4030257Y	3-RIB 25.7" Length
4030260Y	3-RIB 26.0" Length
4030265Y	3-RIB 26.5" Length
4030267Y	3-RIB 26.7" Length
4030270Y	3-RIB 27.0" Length
4030273Y	3-RIB 27.3" Length
4030275Y	3-RIB 27.5" Length
4030276Y	3-RIB 27.6" Length
4030277Y	3-RIB 27.7" Length
4030280Y	3-RIB 28.0" Length
4030285Y	3-RIB 28.5" Length
4030290Y	3-RIB 29.0" Length
4030293Y	3-RIB 29.3" Length
4030295XY	3-RIB 29.5" Length XY
4030295Y	3-RIB 29.5" Length
4030297Y	3-RIB 29.7" Length
4030300Y	3-RIB 30.0" Length
4030305Y	3-RIB 30.5" Length
4030310Y	3-RIB 31.0" Length
4030315Y	3-RIB 31.5" Length
4030320Y	3-RIB 32.0" Length
4030325Y	3-RIB 32.5" Length
4030330Y	3-RIB 33.0" Length
4030335Y	3-RIB 33.5" Length Y
4040287XY	4-RIB 28.7" Length
4040289XY	4-RIB 28.9" Length XY
4040294Y	4-RIB 29.4" Length
4040300XY	4-RIB 30.0" Length

EXCEPTIONAL BELT LIFE

The polyester tension member is specially treated to reduce elongation and is very compatible in the drives with automatic tensioners used today. The same advanced technology that makes these belts run so quietly also increases flexibility, abrasion and heat resistance. That means you – and your customers – get a longer lasting, maintenance-free belt drive.

ACCESS TO COMPLETE PRODUCT LINE AVAILABLE

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ELITE
Premium aftermarket products

4060922

Functional part number gives you the belt size:

1st digit represents a K-section Poly-V® belt

2nd & 3rd digits give the number of ribs

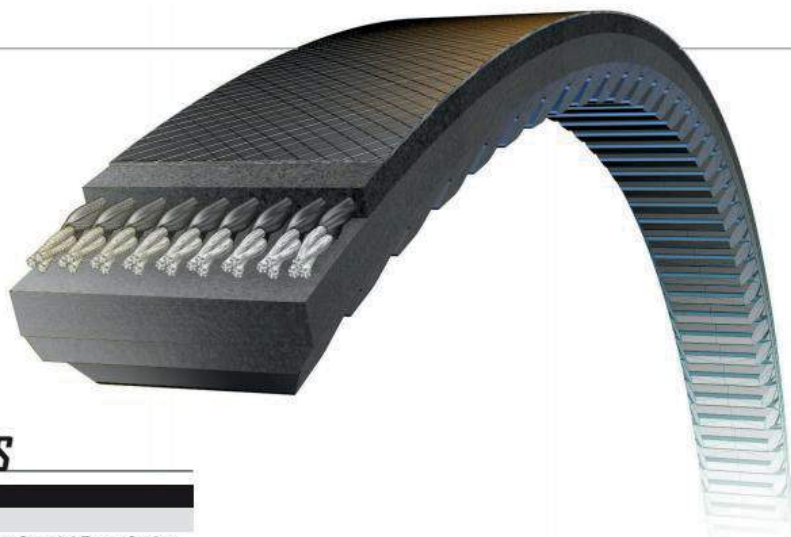
4th, 5th & 6th digits indicate the length in inches

7th digit is tenths of an inch

The part number 4060922, then, would be a K-section Poly-V®, six ribs wide with a length of 92.2/10 inches.

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Premium aftermarket products

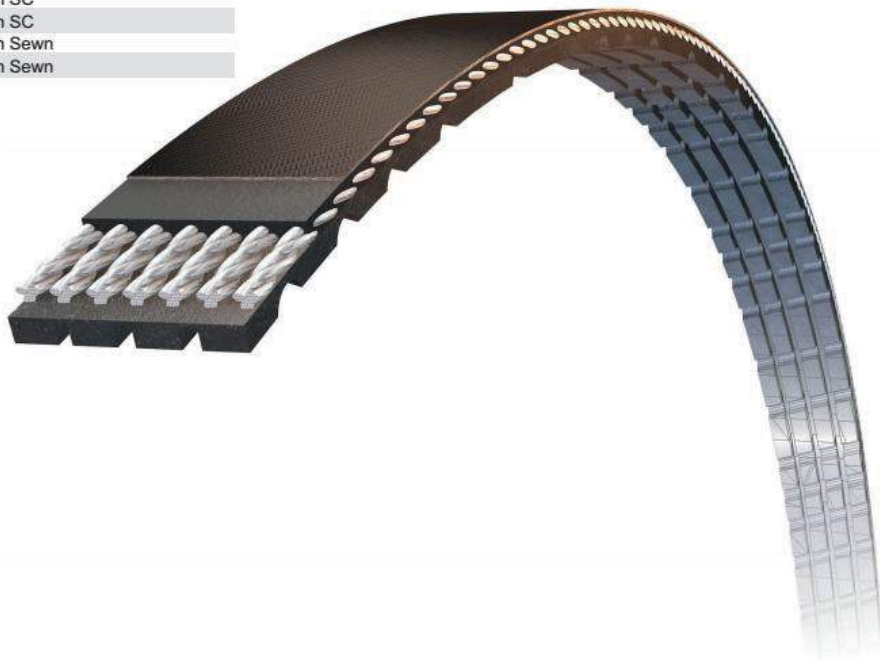


SUPER TORQUE PD ROUND TOOTH BELTS

PART #	DESCRIPTION
200-S5M-560CSY	5mm Drive Belt
200-S5M625CSY	5mm Pitch 20mm Wide 625mm Long Carbon Sewn Special Race Series
200-S5M650CSY	5mm Pitch 20mm Wide 650mm Long Carbon Sewn Special Race Series
200-S5M650CY	5mm Pitch 20mm Wide 650mm Long Carbon Sewn Special Race Series
200-S5M675CSY	5mm Pitch 20mm Wide 675mm Long Carbon Sewn Special Race Series
200-S5M675CY	5mm Pitch 20mm Wide 675mm Long Carbon Sewn Special Race Series
200-S5M700CY	5mm Pitch 20mm Wide 700mm Long Carbon Sewn Special Race Series
200-S5M-750CY	5mm Pitch 20mm Wide 750mm Long Special Race Series
200-S8M-600	8mm Pitch 20mm Wide 600mm Long Special Race Series
200-S8M-600CSY	8mm Pitch 20mm Wide 600mm Long Carbon Sewn Special Race Series
200-S8M-608CSY	8mm Pitch 20mm Wide 608mm Long Carbon Sewn Special Race Series
200-S8M-632	8mm HI Performance PD Belt
200-S8M-656CSY	8mm Pitch 20mm Wide 656mm Long Special Race Series
200-S8M-656Y	8mm HI Performance PD Belt 35 PC MIN
200-S8M-672CSY	8mm Pitch 20mm Wide 672mm Long Special Race Series
200-S8M-680CSY	8mm Pitch 20mm Wide 680mm Long Carbon Sewn Special Race Series
200-S8M-680Y	8mm HI Performance PD Belt 35 PC Min
200-S8M-688CSY	8mm HI Performance PD Belt 35 PC Min
200-S8M-688Y	8mm HI Performance PD Belt 35 PC Min
200-S8M-712	8mm HI Performance PD Belt 35 PC Min
200-S8M-720	8mm Pitch 20mm Wide 720mm Long Special Race Series
200-S8M-760Y	8mm HI Performance
250-S5M575CSY	5mm Pitch 20mm Wide 575mm Long Special Race Series
250-S5M650CSY	5mm Pitch 25mm Wide 650mm Long Carbon
300-S8M-576CSY	8mm Pitch 30mm Wide 576mm Long Carbon SC
300-S8M-592CSY-RYR	8mm Pitch 30mm Wide 592mm Long Carbon SC
300-S8M-720CSY-B	8mm Pitch 30mm Wide 720mm Long Carbon Sewn
300-S8M-720CSY-C	8mm Pitch 30mm Wide 720mm Long Carbon Sewn

SQUARE TOOTH OIL PUMP BELTS

PART #	DESCRIPTION
210-L-100	Gilmer 21.0" Long x 1.00" Wide
225-L-050	Gilmer 22.5" Long x 1.00" Wide
225-L-100	Gilmer 22.5" Long x 1.00" Wide
232-L-100	Gilmer 23.2" Long x 1.00" Wide
240-L-050	Gilmer 24.0" Long x .500" Wide
240-L-075	Gilmer 24.0" Long x .750" Wide
240-L-100	Gilmer 24.0" Long x 1.00" Wide
243-L-100	Gilmer 24.3" Long x 1.00" Wide
255-L-100	Gilmer 25.5" Long x 1.00" Wide
270-L-050	Gilmer 27.0" Long x .500" Wide
270-L-100	Gilmer 27.0" Long x 1.00" Wide
285-L-050	Gilmer 28.5" Long x .500" Wide
285-L-100	Gilmer 28.5" Long x 1.00" Wide
300-L-050	Gilmer 30.0" Long x .500" Wide
300-L-100	Gilmer 30.0" Long x 1.00" Wide
322-L-050	Gilmer 32.2" Long x .500" Wide
322-L-075	Gilmer 32.2" Long x .750" Wide
322-L-100	Gilmer 32.2" Long x 1.00" Wide
345-L-050	Gilmer 34.5" Long x .500" Wide
345-L-100	Gilmer 34.5" Long x 1.00" Wide



TECH TIP

Because belts and tensioners have similar OE design life targets, it is often best practice to replace the tensioner when replacing a worn or broken belt. Doing both together will extend accessory drive life and decrease overall labor costs.

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HI PERFORMANCE PD BELTS

PART #	DESCRIPTION
600-8M-20	8mm Pitch, 20mm x 600mm
600-8M-30	8mm Pitch, 30mm x 600mm
640-8M-20Y	8mm Pitch, 20mm Wide 640mm Long Carbon SC
640-8M-30CSY	8mm Pitch, 30mm Wide 640mm Long Bert/Brinn Oil Pump Belt
720-8M-20Y	8mm Pitch, 20mm x 720mm Round Tooth
740-5M-20CY	5mm Pitch, 20mm x 740mm Round Tooth
800-8M-20	8mm Pitch, 20mm x 800mm Round Tooth

MISCELLANEOUS

PART #	DESCRIPTION
9001	Belt Tension Gauge 30-
52818	Radiator Hose, Flexible 1-3/4"
58540	2-1/2" Fuel Fill Hose w/Wire
9273306	Ultragrip 400
20025553	Horizon 1/4" 200WP Black
20287454	Tool, Tension Frequency Meter

POLY-V® TENSIONER KIT

Elite® Poly-V® Tensioner Kits give you the ease and convenience of having all the right parts in one place, right when you need them. Kits include the belt plus Accu-Drive® accessory drive components, as well as the automatic tensioner and idler pulley where applicable. All parts meet or exceed OE recommendations and are guaranteed OE fit, form and function on import and domestic vehicles.

ACCESS TO COMPLETE PRODUCT LINE AVAILABLE



BULLET SERIES PISTONS

- Available off the shelf
- 2618 alloy for strength and durability
- Dual forced pin oilers
- Contact reduction grooves
- Accumulator groove
- Contemporary ring sets
- Forged side relief
- Chromoly wrist pins with wire locks
- Same manufacturing process as CP Pistons
- Vigorous quality control

PART #	DESCRIPTION
CPBC1021-STD-8	SBC 4.00" Bore / 3.480" Stroke / 5.700" Rod
CPBC1040-STD-8	SBC 4.00" Bore / 3.500" Stroke / 6.00" Rod
CPBC1112-030-8	SBC 4.155" Bore / 4.00" Stroke / 6.00" Rod

Call for additional applications.



- Accumulator groove included
- Balanced to +/- 1 gram
- Pick lock grooves for easy lock removal
- Suitable for angle milled heads
- Double pin oilers, force fed from oil ring
- Fully CNC machined
- Wrist pins and pin-fitting included
- ISO 9000 certified

PISTON SETS

PART #	DESCRIPTION
CPS1203-8	SBC 4.040" Bore / 3.500" Stroke / 6.00" Rod
CPS1205-8	SBC 4.060" Bore / 3.500" Stroke / 6.00" Rod
CPS5232-8	BBC 4.530" Bore / 4.000" Stroke / 6.385" Rod
CPSC7011-4	Acura 3.209" Bore / 87.2-89 Stroke / 138-137 Rod
CPSC7420-4	Subaru 3.9175" Bore / 79 Stroke / 130.5 Rod
CPSC7423-4	Subaru 3.957" Bore / 79 Stroke / 130.5 Rod

Call for additional applications.



CARRILLO RODS

PART #	LENGTH	STYLE	BOLT TYPE	PE WIDTH	BE WIDTH	PE BORE	PIN SIZE	TOTAL/ROTATE/RECP
CS-QD42-1<-66000H	6.000"	PROH	3/8" WMC	0.870"	0.940"	2.0152"	0.866"	539/399/140
CS-QD4<-66125S	6.125"	PROH	3/8" CARR	1.000"	0.940"	2.0152"	0.927"	555/395/160
C-QD4<-66200S	6.200"	PROH	3/8" CARR	1.000"	0.940"	2.0152"	0.927"	553/392/161
C-283<-66000S	6.000"	PROH	3/8" CARR	1.000"	0.940"	2.125"	0.927"	555/392/163
C-283<-66125S	6.125"	PROH	3/8" CARR	1.000"	0.940"	2.125"	0.927"	562/395/167
C-283<-66200S	6.200"	PROH	3/8" CARR	1.000"	0.940"	2.125"	0.927"	567/399/168

Call for additional availability



RING SETS

PART #	DESCRIPTION
CPRS8GNHD-4005-0	1.5" x 1.5" x 3mm, 8 Cylinder, 4.005" Bore
CPRS8GNHD-4032-0	8 Cylinder, 4.032" Bore
CPRS8010-4040-5THG	Ring Set 4.040" Bore, 8 Cylinder
CPRS8GNHD-4045-0	8 Cylinder, 4.045" Bore
CPRS8GNHD-4065-0	1.5" x 1.5" x 3mm Ring Set 4.065" Bore
CPRS8GNHD-4080-0	1.5" x 1.5" x 3mm Ring Set 4.080" Bore
CPRS8110-4125-5	1.5" x 1.5" x 3mm Ring Set 4.125" Bore/8 Cyl.
CPRS8GNHD-4140-0	1.5" x 1.5" x 3mm Ring Set 4.140" Bore
CPRS8000-4155-5THG	Ring Set, 8 Cylinder/4.155" Bore
CPRS8660-4158-0-THG	8 Cylinder, 4.158" Bore Taper Hook Groove

Call for additional applications.

TOP RINGS

PART #	DESCRIPTION
CPS10-4055-5	Top Ring, 4.055" Bore, .500" Oversize
CPS12-4145-5	Top Ring, 4.145" Bore-5

Call for additional applications.

SECOND RINGS

PART #	DESCRIPTION
CP2-S20-4060-5THG	2nd Ring, 4.060" Bore-5 Taper Hook Groove
CP2-S22-4145-5THG	2nd Ring, 4.145" Bore-5 Taper Hook Groove

Call for additional applications.

OIL RINGS

PART #	DESCRIPTION
CPH31-4.185-0	3/16" / 4.180" Oil Ring
CP3-D30-4030-0	Oil Ring, 4.030" Bore
CP3-D30-4060-0	Oil Ring, 4.060" Bore
CP3-H31-4145-0	Oil Ring, Low Tension / 4.145" Bore

Call for additional availability

ACCESS TO COMPLETE PRODUCT LINE AVAILABLE



BB BIG M

BLOCKS

Dart's Aluminum Block was purpose-built for racing applications. Dart blocks are available in three deck heights- 9.025", 9.325", and 9.500", and with 350 or 400 main journal sizes. Precision-machined from heat-treated 355-T6 Aluminum, Dart blocks accept most standard small block components. Other features include big-block cam bearings, Steel 4-bolt main caps, priority main oiling, dual starter Mounts, and Threaded, o-ring freeze plugs. This block features a .391" raised cam location and .800" pan rails.



SBC BLOCK

PART #	MAT	MAIN CAPS	MAIN BEARING	DECK HT	CYL BORE DIA	APPLICATIONS
DRT31111212	Alum	Steel	350	9.025"	4.125"	Raised Cam
DRT31121211	Iron	Steel	350	9.025"	4.125"	Std Cam; Iron Eagle
DRT31121212	Iron	Steel	350	9.025"	4.125"	BBC Cam; Iron Eagle
DRT31121221	Iron	Steel	350	9.325"	4.125"	Std Cam; Iron Eagle
DRT31121222	Iron	Steel	350	9.325"	4.125"	BBC Cam
DRT31122222	Iron	Steel	400	9.325"	4.125"	BBC Cam; Iron Eagle

SBF BLOCK

PART #	MAT	MAIN CAPS	MAIN BEARING	DECK HT	CYL BORE DIA	APPLICATIONS
DRT31354175	Iron	Steel	302	8.200"	4.000"	Sportsman
DRT31355135	Iron	Steel	Cleveland	9.500"	4.000"	Iron Eagle
DRT31384175	Iron	Steel	302	8.200"	4.000"	Iron Eagle
DRT31385135	Iron	Steel	Cleveland	9.500"	4.000"	Iron Eagle
DRT31385235	Iron	Steel	Cleveland	9.500"	4.125"	Iron Eagle

LITTLE M BLOCK

PART #	MAT	MAIN CAPS	MAIN BEARING	DECK HT	CYL BORE DIA	APPLICATIONS
DRT31131111	Iron	Steel	350	9.025"	4.000"	Little M
DRT31131211	Iron	Steel	350	9.025"	4.125"	Little M
DRT31151111	Iron	Ductile	350	9.025"	4.000"	Little M Sportsman
DRT31151211	Iron	Ductile	350	9.025"	4.125"	Little M Sportsman
DRT31152211	Iron	Ductile	400	9.025"	4.125"	Little M Sportsman

BBC BLOCK BIG M

PART #	MAT	MAIN CAPS	MAIN BEARING	DECK HT	CYL BORE DIA	APPLICATIONS
DRT31263444	Iron	Steel	Std	9.800"	4.500"	Block Big M
DRT31263454	Iron	Steel	Std	10.200"	4.500"	Block Big M
DRT31263554	Iron	Steel	Std	10.200"	4.560"	Block Big M
DRT31273354	Iron	Ductile	Std	10.200"	4.250"	Block Big M
DRT31273454	Iron	Ductile	Std	10.200"	4.500"	Block Big M
DRT31273444	Iron	Ductile	Std	9.800"	4.250"	Block Big M

HONDA BLOCK

PART #	MAT	MAIN CAPS	MAIN BEARING	DECK HT	CYL BORE DIA	APPLICATIONS
DRT31496701	Alum	Steel	55mm	212mm	81.5mm	-
DRT31496802	Alum	Steel	Std	226mm	84.5mm	Honda B-20

SHF BLOCK

PART #	MAT	MAIN CAPS	MAIN BEARING	DECK HT	CYL BORE DIA	APPLICATIONS
DRT31161111	-	Ductile	350	9.025"	4.000"	-
DRT31161211	-	Ductile	350	9.025"	4.125"	-
DRT31364175	-	Steel	302	8.200"	4.000"	-
DRT31364275	-	Steel	302	8.200"	4.125"	-
DRT31365135	-	Steel	Cleveland	9.500"	4.125"	-
DRT31365235	-	Steel	Cleveland	9.500"	4.125"	-



SBC & BBC Manifolds

MANIFOLDS

PART #	PORT	DECK HT	CARB FLANGE	DESCRIPTION
DRT41124000	Rect	9.800"	4500	BBC Single 4 BBL
DRT41125000	Rect	10.200"	4500	BBC Single 4 BBL
DRT41114000	Rect	9.800"	4150	Single 4BBL BBC Manifold
DRT42321000	Std	9.025"	4500	SBC Single 4 BBL
DRT42411000	-	9.025"	4150	Single Plane SB Manifold
DRT42421000	Std	-	4500	SBC Iron /Pro/Head Manifold



VALVE COVERS

PART #	DESCRIPTION
DRT68000010	Cast Aluminum Set SBC Tall Dart Logo
DRT68000020	Cast Aluminum Set BBC 7-bolt Dart Logo



CYLINDER HEADS

Dart manufactures a wide variety of racing Cylinder Heads for applications from sprint car to NHRA Top Fuel. All Dart Heads are CNC-machined from heat-treated, premium 355-T6 Aluminum alloy, which is stronger and easier to repair. Additional features include "no heli-Coils", ductile iron valve seats, and optional mag-bronze or phosphorous bronze valve guides.

IRON EAGLE SMALL BLOCK

PART #	MAT	PORT VOL	CHAM VOL	PLUG*	INT/EXH VALVES	ASSEMBLED CYL HEADS
DRT10021070	Iron	165	72	ST	VJ1.94/1.50	-
DRT10110010	Iron	180	64	AP	VJ2.02/1.60	-
DRT10120010	Iron	180	64	ST	VJ2.02/1.60	-
DRT10121111	Iron	180	64	ST	VJ2.02/1.60	1.250" S
DRT10310010	Iron	200	64	AP	VJ2.02/1.60	-
DRT10310010F	Iron	200	49	AP	VJ2.02/1.60	-
DRT10311111	Iron	200	64	AP	VJ2.02/1.60	1.250" S
DRT10320010	Iron	200	64	ST	VJ2.02/1.60	-
DRT10321111	Iron	200	64	ST	VJ2.02/1.60	1.250" S
DRT10510020	Iron	215	64	AP	VJ2.05/1.60	-
DRT10510020F	Iron	215	49	AP	VJ2.05/1.60	-
DRT10511122	Iron	215	64	AP	VJ2.05/1.60	1.437" D
DRT10520020	Iron	215	64	ST	VJ2.05/1.60	-
DRT10521122	Iron	215	64	ST	VJ2.05/1.60	1.437" D
DRT10710040	Iron	230	64	AP	VJ2.08/1.60	-
DRT10710040F	Iron	230	49	AP	VJ2.08/1.60	-
DRT10711143	Iron	230	64	AP	VJ2.08/1.60	1.550" D



DRT10021070 Iron Eagle SB



DRT11310010 Pro 1 SBC

PRO 1 SBC CNC-PORTED CYLINDER HEADS

PART #	MAT	PORT VOL	CHAM VOL	PLUG*	INT/EXH VALVES	ASSEMBLED CYL HEADS
DRT11010010	Alum	205	62	-	VJ2.02/1.60	-
DRT11020020	Alum	225	62	-	VJ2.05/1.60	-
DRT11310010	Alum	200	64	AP	VJ2.02/1.60	-
DRT11320010	Alum	200	64	ST	VJ2.02/1.60	-
DRT11320020	Alum	200	64	AP	VJ2.05/1.60	-
DRT11321111	Alum	200	64	ST	VJ2.02/1.60	1.250" S
DRT11420010	Alum	200	72	AP	VJ2.02/1.60	-
DRT11510020	Alum	215	64	AP	VJ2.05/1.60	-
DRT11511122	Alum	215	64	AP	VJ2.05/1.60	1.437" D
DRT11520020	Alum	215	64	ST	VJ2.05/1.60	-
DRT11521122	Alum	215	64	ST	VJ2.05/1.60	1.437" D
DRT11710040	Alum	230	64	AP	VJ2.08/1.60	-
DRT11711143	Alum	230	64	AP	VJ2.08/1.60	1.550" D
DRT11811143	Alum	230	72	AP	VJ2.08/1.60	1.550" D
DRT11970040	Alum	227	66	AP	VJ2.08/1.60	-
DRT11971143	Alum	227	66	AP	VJ2.08/1.60	1.550"
DRT12200000	Alum	220	64	AP	Spread Port	-
DRT14100000	Alum	237	67	AP	VJ2.18/1.625	-



DRT19100010 Pro 1 BB

PRO 1 SBF CYLINDER HEADS

PART #	MAT	PORT VOL	CHAM VOL	PLUG*	INT/EXH VALVES	ASSEMBLED CYL HEADS
DRT13071020	Alum	210	62	AP	VJ2.05/1.60	-
DRT13072040	Alum	225	62	AP	VJ2.08/1.60	-
DRT13100080	Alum	170	62	AP	VJ1.94/1.60	-
DRT13200010	Alum	195	62	AP	VJ2.02/1.60	-



DRT11010010 LS1

HONDA CYLINDER HEADS

PART #	MAT	PORT VOL	CHAM VOL	PLUG*	INT/EXH VALVES	ASSEMBLED CYL HEADS
DRT17074020	Alum	132cc	44cc	-	34mm/28mm	81.5" Bore Dia.

PRO 1 BIG BLOCK CYLINDER HEADS

PART #	MAT	PORT VOL	CHAM VOL	PLUG*	INT/EXH VALVES	ASSEMBLED CYL HEADS
DRT16500000	Alum	360cc	119cc	-	Rec Port Chamber Bore Casting	-
DRT19100010	Alum	310cc	119cc	-	VJ2.25/1.88	-
DRT19200010	Alum	325cc	119cc	-	VJ2.25/1.88	-
DRT19200030	Alum	325cc	119cc	-	VJ2.30/1.88	-
DRT19300030	Alum	345cc	119cc	-	VJ2.30/1.88	-

PRO 1 CNC-PORTED BIG BLOCK CYLINDER HEADS

PART #	MAT	PORT VOL	CHAM VOL	PLUG*	INT/EXH VALVES	ASSEMBLED CYL HEADS
DRT19574136	Alum	355cc	119cc	-	VJ2.30/1.88	-
DRT19474030	Alum	335cc	119cc	-	VJ2.30/1.88	-
DRT19574030	Alum	355cc	119cc	-	VJ2.30/1.88	-

*AP indicates angled plug and ST indicates Straight Plug.



CAM BEARINGS

PART #	PORT
DRT32210010	SBC 2.120" Coated
DRT32210020	SBC 2.000" SHP/Little M Coated
DRT32210030	BBC Std Big M Coated
DRT32210200	60mm BBC Babbit Coated
DRT32210041	SBF Std SHP/Sportsman/Iron Eagle

ACCESS TO COMPLETE PRODUCT LINE AVAILABLE

TITANIUM™ EXHAUST WRAP

Titanium™ Exhaust Wrap, with LR Technology, is made from pulverized lava rock, stranded into a fiber material then woven into a proprietary weave. Titanium wrap is engineered to be stronger than most wraps and more durable for improved thermal performance and reliability.

- Extremely pliable for a tight & secure wrap
- Withstands 1800° F direct/ 2500° F intermittent heat
- Hi tech carbon fiber look
- Pre-wetting roll not necessary for wrapping
- High resistance to abrasion, temperatures, oil spills & vibration breakdown
- DEI HT Silicone Coating not required

PART #	DESCRIPTION	PART #	DESCRIPTION
DES010126	1" Wide x 50' Roll	DES010131	2" Wide x 25' Roll
DES010127	2" Wide x 50' Roll	DES010132	2" Wide x 35' Roll
DES010128	1" Wide x 15' Roll	DES010133	1" Wide x 100' Roll
DES010129	2" Wide x 15' Roll	DES010134	4" Wide x 100' Roll
DES010130	2" Wide x 100' Roll	DES010135	6" Wide x 100' Roll

HT SILICONE COATING™

Recommended for use with DEI non-Titanium Exhaust Wrap, HT Silicone Coating penetrates, seals and protects as well as helping to extend the lifespan of exhaust wrap.

- Protection from abrasions, hot oil spills & road grime
- Heat protection up to 1500°F
- For use on exhaust wraps, engine blocks, pipes, manifolds & more
- 12 oz. can (6 cans in a case)

PART #	DESCRIPTION
DES010300	Assortment Case-2 Cans Each (Black, Aluminum & White)
DES010301	Black
DES010302	Aluminum
DES010303	White

STAINLESS STEEL LOCKING TIES™

Stainless Steel Locking Ties are perfect for securing wrap to pipes with its self-locking design. Locking Ties offer many other uses including bundling wires, hoses and other forms of insulation products. Just slide end into locking mechanism and pull tight.

- Constructed from high grade 304 stainless steel
- Capable of withstanding in excess of 2500°F
- 100lb tensile strength

PART #	DESCRIPTION
DES010201	8" (8 Pack; 2" Diameter Bundle)
DES010202	14" (4 Pack; 4" Diameter Bundle)
DES010203	20" (10 Pack; 6" Diameter Bundle)

NOTE: Also available in bulk quantities.

SPEED SLEEVES™

Speed Sleeves provide everything needed to cover and protect primary exhaust header pipes. An alternative to wrapping complete headers and ideal for spot protection from heat generating pipes and manifolds.

- Serves as an insulator and radiant heat barrier
- Quick & simple installation
- Includes 8" wide exhaust wrap, lock fasteners and Locking Ties
- Supplied wrap covers pipes up to 2-1/2" diameter

PART #	DESCRIPTION
DES010114	4 & 6 Cylinder
DES010115	8 Cylinder

NOTE: 12ft. of wrap is included with 4 & 6 cyl. kits and 16ft. included with 8 cyl. kit.

8" TITANIUM™ PROTECT-A-BOOTS™

Titanium spark plug boot protectors are the latest in thermal protection technology. Mined from lava rock, stranded and woven into a proprietary weave, Titanium Boot Protectors are engineered to withstand temperatures up to 1800°F of direct heat.

- Ultimate protection for spark plug boots & wires
- Strong, durable & long lasting construction
- Resistant to chemicals, abrasions & other contaminants
- Universal-fits most straight or angled boots - **Perfect for LS Motors!**

2-PACK PART #	DESCRIPTION	8-PACK PART #	DESCRIPTION
DES010543	2-Pack	DES010544	8-Pack



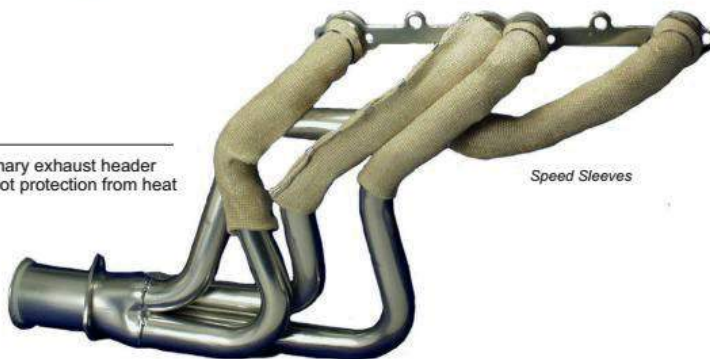
Titanium Exhaust Wrap



HT Silicone Coating



Stainless Steel Locking Ties



Speed Sleeves



8" Titanium Protect-A-Boots



DESIGN ENGINEERING, INC.

PROTECT-A BOOT™

Made from a high temperature resistant glass fiber material and treated with a proprietary coating, PROTECT-A-BOOTS provide spark plug boot and wire protection from extreme under hood heat.

- Helps prevent burn-through, hardening & cracking of boots
- Non-flammable & protects against chemicals & resists water
- Universal-fits most straight or angled boots
- Withstands up to 1200°F of direct continuous heat
- Titanium up to 1800°F of direct continuous heat
- Double-wall construction for added durability



2-PACK PART #	DESCRIPTION	8-PACK PART #	DESCRIPTION
DES010501	Silver	DES010502	Silver
DES010511	Black	DES010512	Black
DES010521	Red	DES010522	Red
DES010531	Blue	DES010532	Blue
DES010541	Titanium	DES010542	Titanium
DES010503	Silver XL 8"	DES010504	Silver XL 8"
DES010561	Yellow	DES010562	Yellow
DES010571	Orange	DES010572	Orange

NOTE: In high heat situations where added protection is required, wrap headers with DEI Exhaust Wrap.



FIRE SLEEVE & TAPE KIT™

Constructed from a high temperature resistant braided glass material, woven into a sleeve and heavily coated with 100% iron oxide silicone rubber, Fire Sleeve provides the ultimate in heat insulation and protection from direct heat up to 500°F. Each kit includes a 16-inch length of black Fire Tape to finish off ends of Fire Sleeve or when joining two Fire Sleeves together while presenting a clean and professional look.

- Insulates wiring, hoses, oil/ brake/transmission lines & more
- Use for bundling & protecting hoses, electrical wiring etc.
- Withstands 2000°F of intermittent heat

PART #	DESCRIPTION
DES010470	3/8" ID
DES010472	5/8" ID
DES010474	1" ID

NOTE: Each size is available in custom cut lengths up to 300ft. Various diameter sizes are also available as a special order.

FIRE WRAP 3000™

Constructed from the same material as Fire Sleeve but with the convenience of a hook & loop edge closure design. Simply wrap Fire Wrap 3000 around wires, cables or hoses without the need of disconnecting.

- Withstands direct heat up to 500°F
- Protects against oil, dirt, road grime & other contaminants
- Pliable enough to shape & fit tightest bends

PART #	DESCRIPTION
DES010477	5/8" ID
DES010478	1" ID
DES010479	1-1/2" ID

NOTE: Each size is available in custom cut lengths up to 300ft. Various diameter sizes are also available as a special order.

FIRE TAPE™

Fire Tape is a multi use self-fusing tape that can be used to cover wires, seal temporary leaks, and much more. Made of a non-adhesive silicone rubber, Fire Tape is waterproof, remains flexible, and does not leave a sticky residue after removal.

- Corrosion & moisture resistant
- 700 psi tensile strength
- Stretch & wrap application
- Permanent air/liquid tight seal

PART #	DESCRIPTION
DES010476	1" Wide x 36'



Fire Tape

TITANIUM™ TURBO SHIELDS (GEN-II)™

Custom fit, re-engineered Titanium Turbo Shields provide the ultimate means of reducing turbo lag and serve as a superior heat barrier. Made from pulverized volcanic rock, they can withstand direct heat up to 1800°F and 2500°F radiant heat. This means more heat in the turbine and less damaging underhood heat resulting in a boost in horsepower! Stronger and more durable than other turbo blankets or shields, Titanium Turbo Shields include a hi-temp rated silica insulation under the tight outer layer for extra protection against extreme turbo-generated heat. We have added a true riveted anchoring hook along with added seam protection to accommodate the higher horsepower levels of heat.

- Riveted anchoring hooks incorporated to secure shield
- Ultimate thermal barrier reduces turbo lag
- Hi-Tech custom carbon fiber look
- Double reinforced seams inside and outside

TURBINE	SHIELD ONLY	SHIELD KIT
T3	DES010140	DES010141
T4	DES010144	DES010145
T6	DES010146	DES010147
T25/T28	DES010148	DES010149

NOTE: Available as SHIELD ONLY or in a KIT. Each Kit includes: Shield, 2" x 15' roll of Titanium wrap, Two 20" stainless steel zip ties and 5' of fastening wire



Titanium Turbo Shield

HEAT SCREEN™

ALUMINIZED MYLAR RADIANT MATTING

Heat Screen is an excellent method for reflecting unwanted heat from areas and surfaces needing protection. With a thickness of only .060 inches, Heat Screen requires minimal clearance and is capable of withstanding 2000°F of radiant heat. Ideal for protecting body panels, floor boards, gas tanks, fairings and for use under carpeting to name a few. Uses include race vehicles, marine, truck, SUV's, RV's, aviation and industrial applications.

- Excellent protection for painted surfaces
- Can be secured with adhesive or fasteners
- Withstands 1200°F of direct heat
- Trim to desired size

PART #	DESCRIPTION
DES010401	36" x 40" (10 sq. ft.)



Heat Screen

HEAT SCREEN™ W/ADHESIVE

ADHESIVE BACKED ALUMINIZED MYLAR RADIANT MATTING

Heat Screen with adhesive can withstand 2000°F of radiant heat and 1200°F of direct heat making it the perfect choice to protect from heat penetration or damage. We have applied our Hi-Temp adhesive for you making installation fast and simple.

- Backed with high temp pressure sensitive adhesive
- Heavy weight fiberglass with Mylar face
- Flexible & easy to install

PART #	DESCRIPTION
DES010400	36" x 40" (10 sq. ft.)



Heat Screen with Adhesive

REFLECT-A GOLD™

Reflect-A-Gold is a metallized polyamide polymer laminated glass cloth with a high temperature pressure sensitive adhesive for use in extreme temperature swing environments. It is lightweight and easy to apply and remove.

- For firewalls, bulkheads, engine covers, floors, seat bottoms & more
- Capable of handling continual temperatures up to 850°F
- Resists UV degradation for long-term performance
- Adhesive protected by a release liner rated up to 325°F
- Light weight & flexible-Trim to size

PART #	DESCRIPTION	PART #	DESCRIPTION
DES010390	24" x 150' Roll	DES010394	1-1/2" Wide x 15' Roll
DES010391	12" x 12" Sheet	DES010395	1-1/2" Wide x 30' Roll
DES010392	12" x 24" Sheet	DES010396	2" Wide x 15' Roll
DES010393	24" x 24" Sheet	DES010397	2" Wide x 30' Roll

NOTE: Available in custom cut lengths in widths up to 24"



Reflect-A Gold

ACCESS TO COMPLETE PRODUCT LINE AVAILABLE

BORN FROM JOE GIBBS RACING

DRIVEN

DRIVEN TO WIN RACING OIL®

Available in: 15W-50, 5W-20, 5W-30 and 10W-40
Purchase as single quarts, case of 12qts. or
2.5 Gallon Jug.

BREAK IN OIL

THE FOUNDATION FOR MAXIMUM DURABILITY AND PERFORMANCE

Driven Engine Break-In Oils are used to dyno and break-in all of the engines at Joe Gibbs Racing. This petroleum based oil has been formulated to supply the highest levels of zinc and phosphorus to the cam and lifters. No additional zinc (ZDDP) additives are required. Driven Engine Break-In Oils provide the maximum protection available during the critical engine break-in period. This oil is ideal for testing and power pulls on the dyno, one night of racing or up to 400 miles on the street!

FEATURES

- ZDDP-Fortified Cam Protection
- Chemically Seals Piston Rings
- Protects Bearings and Journals

DESCRIPTION	1 QT. BOTTLE	1 CASE (12/QT. BOTTLES)	1/2 QT./2.5GAL. JUG
BR SAE 15W-50	JGR00106	JGR00107	JGR00114
BR20 SAE 5W-20	JGR04346	JGR04347	-
BR30 SAE 5W-30	JGR01806	JGR01807	-
BR40 SAE 10W-40	JGR03706	JGR03707	-

SYNTHETIC RACING OIL

COMPETITION PROVEN TO DELIVER MAXIMUM PERFORMANCE

Driven Synthetic Racing Oils are specially formulated for the specific needs of racing engines. The engineers and engine builders at Joe Gibbs Racing have put in countless hours perfecting this oil to maximize horsepower and protect vital parts. This line of synthetic racing oil offers the best protection available with improved cold start protection.

FEATURES

- Used by Joe Gibbs Racing for qualifying in their restrictor plate engines.
- It utilizes ultra-low viscosity synthetic base oils for maximum horsepower during qualifying conditions.
- Uses the same anti-wear and friction reducing additives that XP1 uses to reduce friction and fight valve-train wear.
- Compatible with methanol and high-octane race fuels.

DESCRIPTION	1 QT. BOTTLE	1 CASE (12/QT. BOTTLES)	1/2 QT./2.5GAL. JUG
XP0 Synthetic SAE 0W-5	JGR00406	JGR00407	JGR00414
XP1 Synthetic SAE 5W-20	JGR00006	JGR00007	JGR00014
XP2 Synthetic SAE 0W-20	JGR00206	JGR00207	-
XP3 Synthetic SAE 10W-30	JGR00306	JGR00307	JGR00314
XP6 Synthetic SAE 15W-50	JGR01006	JGR01007	-
XP9 Synthetic SAE 10W-40	JGR03206	JGR03207	-

Purchase as single quarts, case of 12qts. or 2.5 Gallon Jug

XP0 SYNTHETIC SAE 0W-5

- Used by Joe Gibbs Racing for qualifying in their restrictor plate engines.
- It utilizes ultra-low viscosity synthetic base oils for maximum horsepower during qualifying conditions.
- Uses the same anti-wear and friction reducing additives that XP1 uses to reduce friction and fight valve-train wear.
- Compatible with methanol and high-octane race fuels.

XP1 SYNTHETIC SAE 5W-20

- Used by Joe Gibbs Racing in all their unrestricted engines.
- Designed to handle 500 miles of competition, over 9500 RPM and temperatures above 250 degrees.
- Reduces friction and fights valve-train wear, especially in flat-tappet engines by utilizing multiple synthetic base oils, and anti-wear and friction reducing additives.
- Compatible with methanol and high octane race fuels.
- Can be blended with XP0, XP2, XP3 or XP6. Consult the Driven blending guide for blending specifications.

XP2 SYNTHETIC SAE 0W-20

- Used by Joe Gibbs Racing in all their Nationwide Series roller camshaft engines and restrictor plate flat tappet engines.
- Utilizes low viscosity synthetic base oils for increased horsepower without decreased durability.
- Uses the same anti-wear and friction reducing additives that XP1 uses to reduce friction and fight valve-train wear.
- Compatible with methanol and high octane race fuels.
- Can be blended with XP0, XP1, XP3 or XP6. Consult the Driven blending guide for blending specifications.

XP3 SYNTHETIC SAE 10W-30

- A higher viscosity version of XP1, it offers outstanding high-temperature, high-shear protection.
- Designed for aluminum blocks and looser clearances, it utilizes multiple synthetic base oils and anti-wear and friction reducing additives to reduce friction and fight valve-train wear.
- Compatible with methanol and high octane race fuels.
- Can be blended with XP0, XP1, XP2 or XP6. Consult the Driven blending guide for blending specifications.

XP6 SYNTHETIC SAE 15W-50

- A full synthetic, 15W-50 version of our race proven XP1
- Provides excellent bearing oil film thickness and high temperature protection.
- Designed for aluminum blocks and looser clearances
- Recommended for methanol fuel and high temperature applications (Oil temperatures above 240°F)
- Can be blended with XP1, XP2, XP3 or XP0. Consult the Driven blending guide for blending specifications.
- For use in high compression engines

XP9 SYNTHETIC SAE 10W-40

- Utilizes select synthetic base oils for increased durability at high engine temperatures.
- Provides increased high shear protection for wet sump and high compression applications.
- Formulated with proprietary anti-wear and friction reducing additives to fight valve-train wear and increase horsepower.
- Ideal for high output steel block engines, compatible with methanol and high octane race fuels.



SEMI-SYNTHETIC RACING OIL

Driven Racing Oils are specially formulated for the specific needs to racing engines. The engineers and engine builders at Joe Gibbs Racing have put in countless hours perfecting this oil to maximize horsepower and protect vital parts. This line of semi-synthetic oils offer improved high temperature shear and oxidation stability compared to mineral oils without the higher cost of a full synthetic.

A semi-synthetic based on our original formula race oil, XP5 offers improved high temperature shear and oxidation stability compared to mineral oil without the higher cost of a full synthetic.

FEATURES

- Excellent bearing oil film thickness
- High Zinc levels
- For use in high compression engines

APPLICATIONS

- Dirt Late Model engines
- Engines designed for SAE 50 weight oils
- Engines operating with oil temperatures between 220F and 260F

DESCRIPTION	1 QT. BOTTLE	1 CASE (12/QT. BOTTLES)	10QT./2.5GAL. JUG
XP5 SAE 20W-50	JGR00906	JGR00907	JGR00914



PETROLEUM RACING OIL

FEATURES

- A high zinc, petroleum formula racing oil offering low cost protection for racers who want to use non-synthetic oil.
- Excellent protection for dirt and nitrous racers who need to change their oil frequently.

APPLICATIONS

- Big block engines, flat tappet camshaft engines, Nitrous engines and Alcohol fueled drag engines.

DESCRIPTION	1 QT. BOTTLE
XP4 SAE 15W-50	JGR00507



HIGH PERFORMANCE MOTOR OILS

Driven Racing Oils are specially formulated for the specific needs to racing engines. The engineers and engine builders at Joe Gibbs Racing have put in countless hours perfecting this oil to maximize horsepower and protect vital parts. This line of semi-synthetic oils offer improved high temperature shear and oxidation stability compared to mineral oils without the higher cost of a full synthetic.

DESCRIPTION	1 QT. BOTTLE
HR-1 Conventional 15W-50	JGR02107
HR-2 Conventional 10W-30	JGR02007
HR-3 Synthetic 15W-50	JGR01607
HR-4 Synthetic 10W-30	JGR01507
LS30 Synthetic 5W-50	JGR02907

HR-1 CONVENTIONAL 15W-50

- Perfect for big block muscle cars and blown street rods.
- Perfect for engines with original seals.
- Good for loose bearing clearances.

HR-2 CONVENTIONAL 10W-30

- Great for small block street cruisers and "crate" motors.
- 10W Multi-grade formula provides excellent start-up protection.

HR-3 SYNTHETIC 15W-50

- The perfect choice for modified "old school" muscle cars.
- Excellent protection for big blocks and looser clearance engines.
- Ideal for long stroke and/or high compression engines.

HR-4 SYNTHETIC 10W-30

- The ultimate in street/strip protection
- Excellent start-up protection and the high temperature stability of a synthetic.
- Great choice for street/strip bracket racers.

LS30 SYNTHETIC 5W-50

- Designed for high performance LS series engines.
- Utilizes advanced synthetic base oils to provide high temperature and high shear protection.
- Ideal for LS based "crate" engines and supercharged LS performance engines.



BORN FROM JOE GIBBS RACING

DRIVEN

DRIVEN TO WIN **RACING OIL**

GEAR OIL

DESCRIPTION	1 QT. BOTTLE	5 GALLON PAIL
Synthetic Gear Oil 75W-110	JGR00631	JGR00617
Super Speedway Gear Oil 70W-85	JGR00831	JGR00817
Qualifying Gear Oil	JGR01131	-

SYNTHETIC GEAR OIL 75W-110

- Reduces operating temperatures by up to 15°F compared to other brand gear oils.

SUPER SPEEDWAY GEAR OIL 75W-85

- Provides race proven durability and dyno proven power gains from reduced friction and parasitic drag.
- It can be used in quick change style rear ends and drag race applications.

QUALIFYING GEAR OILS

- An ultra-lightweight gear oil developed specifically for stock car qualifying
- Provides race proven durability in open wheel competition.

SPECIALITY SYNTHETIC RACING OILS

FEATURES

- Formulated with select synthetic base oils for increased horsepower and durability at high temperatures.
- Utilizes proprietary anti-wear and friction reducing additives to fight valve train wear and increase horsepower.
- Compatible with methanol and high octane race fuels.

DESCRIPTION	1 QT. BOTTLE
KRT-4 Stroke Karting Oil 0W-20	JGR03406



RACE WAX

Developed for use by Joe Gibbs Racing, Driven Racing Oil Race Wax is a performance spray wax and cleaner that delivers a smooth, glossy finish and effectively sheds dirt, tire rubber and track debris. This race-proven product is perfect for cleaning and protecting painted surfaces, full decal wraps and fiberglass panels. Providing unmatched protection for decal graphic wraps, this wax enables a new level of design creativity in vehicle styling. Designed for quick and easy application, this wax will not damage the decal, paint or windows, and clean up is simple. Driven Racing Oil Race Wax is available in a 24 oz. spray bottle and creates a perfect, eye-catching shine.

FEATURES

- Delivers a smooth, glossy finish & effectively sheds dirt, tire rubber and track debris
- Race-proven product is perfect for cleaning and protecting painted surfaces, full decal wraps & fiberglass panels
- Unmatched protection for decal graphic wraps; this wax enables a new level of design creativity in vehicle styling
- Quick and easy application, this wax will not damage decals, paint or windows, and clean up is simple

SPEED CLEAN FOAMING CLEANER & DEGREASER

FEATURES

- Safely removes tire rubber, grease and oil from your car
- Will not harm paint or decals
- Perfect for removing anti-rust coatings on engine parts prior to assembly
- Just spray on and wipe off
- Works great for cleaning up shop equipment and tools

CLEANERS

PART #	DESCRIPTION
JGR50060	Race Wax, 24oz. Bottle
JGR50010	Speed Clean Foaming Cleaner & Degreaser, 18oz. Can



GREASE & LUBRICANTS

PART #	DESCRIPTION
JGR00728	Engine Assembly Grease 1lb. Tub
JGR70070	Spline Grease

ENGINE ASSEMBLY GREASE

FEATURES

- 1-pound tub of engine assembly grease
- Unique extreme pressure lube dissolves in oil without clogging oil passageways or plugging filters
- Apply to cams and lifters for break-in protection
- Can also be used on rocker shafts, pushrod tips wrist pins and distributor gears
- When combined with BR Break-In Oil, it provides proven protection during break-in

SPLINE GREASE

Joe Gibbs Driven spline grease is designed to provide top-quality protection for cambered axle drive flanges, Sprint Car drivelines, and more. The spline grease utilizes a high-viscosity synthetic base, proprietary anti-wear additives, and a Polyurea thickener that is specifically developed to extend durability. It's perfect for use in racing applications with sliding spline teeth operating at high temperatures and rpm. Want to go for a win? Use Joe Gibbs Driven Racing Oil products!

BORN FROM JOE GIBBS RACING

DRIVEN

DRIVEN TO WIN RACING OIL™



ACCESS TO COMPLETE PRODUCT LINE AVAILABLE

Dura-Bond®

Dura-Bond Bearing Company is a world leader in camshaft bearings, powder metal valve seats, valve spring shims and engine hardware design and manufacturing. This has been recognized by over 60 years of experience as the standard of the industry and the internationally recognized ISO9001 and MRP - Oliver Wight Class "A" certifications.

Our customers have come to expect our diverse, high level of service. They know that beyond the manufacture of component parts we are a valued partner in solving problems. From engineering design, to prototype development, sourcing and assembly work...they depend on us as their partner. Our team of Design, Materials, Application and Manufacturing Engineers are ready to be part of your team in simultaneous engineering and integration.

CAMSHAFT BEARING SETS

FORD

PART #	DESCRIPTION
DB351HP	Ford SVO 351 / 2.2040" Bore
DB351RHP	Ford R Block / 2.2140" Bore
DB351RHPT	Ford R Block Coated / 2.2140" Bore
DBFP-18T	Ford Coated / 2.2040"/2.189"/2.1740"/2.1590"/2.1440" Bore

CHEVROLET

PART #	DESCRIPTION
DBCH-8	SBC Stock .010,.020,.030 / 2.020"/2.010"/2.00" Bore
DBCH-12	HP BBC 366 / 2.140"/2.130"/2.120" Bore
DBCHP-8	SBC High Performance / 2.020"/2.010"/2.00" Bore
DBCHP-8T	SBC High Performance Coated / 2.020"/2.010"/2.00" Bore
DBCHP-8R1T	SBC Coated / 2.010" Bore
DBCHP-12	BBC High Performance / 2.140"/2.130"/2.120" Bore
DBCHP-12T	BBC High Performance Coated / 2.140"/2.130"/2.120" Bore
DBCHP-23T	Coated / 2.327"/2.340"/2.3073" Bore
DBCHP-25T	GM LC9, L76, L92, LS-7 / 2.347"/2.327"/2.307" Bore
DBDT-1T	Cam Bearing Set, Dart Little M Block Coated 2.00" Bore
DBGMP-10	Cam Bearing Set, Dart LS Next Block / 2.298" Bore
DBGMP-10T	Cam Bearing Set, Dart LS Next Block Coated / 2.298" Bore
DBGMP-1	Olds Rocket Block / 2.120" Bore
DBGMP-8	Bowtie SBC / 2.00" Bore
DBGMP-8T	Bowtie SBC Coated / 2.00" Bore
DBGMP-12	GM Bowtie 502 / 2.120" Bore
DBGMP-12T	GM Bowtie 502 Coated / 2.120" Bore
DBGMP-55T	SBC Coated / 2.282" Bore
DBFKC-1	Engine Finishing Kit SBC Bolts Dowels Keys
DBRDCP-1T	SBC

CHRYSLER

PART #	DESCRIPTION
DBPD-31B	Chrysler / 2.4231"/2.4073"/2.3.916"/2.3758"/1.8499" Bore
DBPD-41	Chrysler 2009-2014 345-392 Hemi Cam Bearings

MISCELLANEOUS

PART #	DESCRIPTION
DB60040	60mm ID Cam Bearing Each
DBPN-2250-1	Cam Bearing, 60mm Coated Each / 2.479" Bore
DBGM2125-4T	Cam Bearing, Coated 2.125" Cam / 2.250" Bore



ACCESS TO COMPLETE PRODUCT LINE AVAILABLE

HIGH PERFORMANCE WATER PUMPS

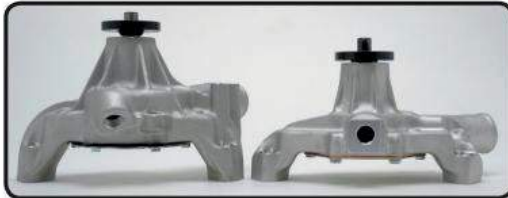
Edelbrock



SHORT-OR LONG-STYLE WATER PUMP?

To make sure that your pulleys line up correctly in custom small- and big-block Chevy applications, it's important that you choose the right water pump. Whether you need a short or long length pump, Edelbrock has both to fit just about any engine.

Using a tape measure and a straightedge, place the pump on a flat surface and the straightedge on the mounting surface of the hub. Then, measure straight up from the flat surface to the straight edge. This is the same height as the mounting surface on the hub. Match your measurement to our "Dimension from block surface to hub" on following pages to choose the right pump.



Long-style pump ED8811 is 1-5/16" longer than short-style pump ED8810

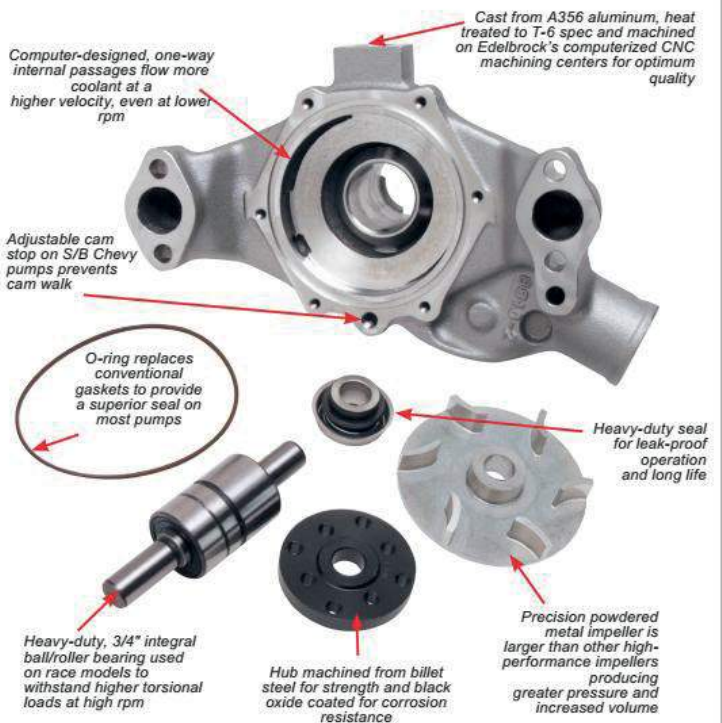


EDELBROCK PRODUCTS ARE MANUFACTURED IN THE USA FOR UNSURPASSED QUALITY.

VICTOR SERIES ALUMINUM WATER PUMPS

OPTIMUM COOLING FOR AMC/JEEP, CHEVY, CHRYSLER, FORD & PONTIAC

Edelbrock Victor Series water pumps provide maximum cooling for the street and the race track. They're ideal to prevent overheating in street rods and street machines, as well as in tow rigs and motorhomes. Using state-of-the-art racing technology, Edelbrock has designed these "super cooling" water pumps to provide maximum flow, maximum pressure and equal distribution to both sides of the block within 1%. Available for most popular applications, these high-performance pumps flow in only one direction for optimum efficiency. The casting's computer-designed internal passages and precision powdered metal impeller produce the maximum flow rate possible.



ABOUT THE EDELBROCK WATER PUMP DYNO

Designed and built by Edelbrock, this dyno is set-up to test water pumps in a "real world" setting that simulates the conditions of an actual engine. The "coolant" in the dyno is pre-heated to reflect the actual temperature of the coolant in a running engine. The sensors collect flow numbers, temperature and pressure data as well as how much horsepower is required to turn the water pump. This gives us the complete picture about the efficiency of the water pump design.

Finally, the information is interpreted, recorded and stored by the Edelbrock QwikData 2 data acquisition system. Using the QwikData 2 system gives the engineer the capability of creating graphs and viewing the information in any number of ways. This testing is used to develop water pumps that will exceed the additional cooling system demands of a high performance engine.



Edelbrock

S/B Chevy Two-Piece Pump
ED8827



This pump features a new aggressive 3.45" light weight impeller design. It's manufactured from A356-T6 aluminum in our Permanent Mold facility - creating a strong and durable casting!



**VICTOR PRO SERIES DELIVERS...
+20% MORE OUTPUT WITH -10% LESS
PARASITIC LOSS OVER A STANDARD
WATER PUMP!**

**EDELbrock PRODUCTS
ARE MANUFACTURED
IN THE USA FOR
UNSURPASSED QUALITY.**



S/B Chevy Circle
Track Pump ED8817



S/B Chevy
Circle Track
Pump ED8819



COMPETITION WATER PUMPS

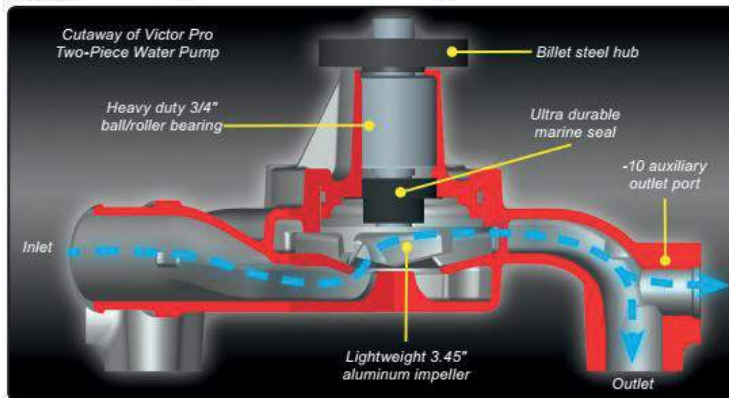


VICTOR PRO SERIES RACING WATER PUMP

This NEW Victor Pro series water pump for small-block Chevrolet is designed for high output racing engines, especially dirt late model and circle track applications. It features a two-piece cartridge style design for easy maintenance and improved performance. The two-piece design features improved symmetrical flow paths resulting in increased flow and requiring less horsepower from the engine. A new aggressive 3.45" impeller with improved inlet and outlet port designs provides maximum cooling with equal distribution making this water pump highly efficient. All of this helps eliminate hot spots in the engine, producing optimum power from every cylinder. Finally, it features a -2 bleeder screw for quick coolant system bleeding. This pump will fit more aftermarket racing application pulley designs - compared to other pumps on the market. Dimension from block surface to hub is 5.80" and 1.03" from the block to the back of the water pump.

PART #	DESCRIPTION
ED8827	Victor Pro Two-Piece Water Pump for Small-Block Chevrolet
ED8895	GM/LS Water Pump
ED8828	Replacement Cartridge

Important Notes: This pump is primarily designed for use in racing applications and will require the use of longer than stock mounting bolts. Can be modified for street applications, but may not fit stock accessory brackets.



VICTOR SERIES CIRCLE TRACK WATER PUMPS

These competition water pumps are designed for circle track and endurance racing applications. They feature a revised impeller entry, a hard black anodized finish and .100" thicker rear cover for greater durability. Auxiliary water outlets ease fabrication of custom plumbing systems and auxiliary fittings are available as AN or NPT. These water pumps provide maximum cooling with equal distribution to both sides of the block within 1%. By eliminating hot spots, the engine produces optimum power from every cylinder without detonation and pre-ignition. Other features include billet hub and heavy-duty ball/roller bearings.

SMALL BLOCK CHEVY

These pumps fit all 1955-95 S/B Chevy engines. They come with heavy-duty 3/4" ball/roller bearing and a 1.85" inlet diameter. Both measure 5-13/16" from block surface to hub and come with 3/4" pilot shaft.

PART #	DESCRIPTION
ED8816	Victor Circle Track Pump, -8 AN auxiliary at 90° to the block
ED8817	Victor Circle Track Pump, 3/8" NPT auxiliary fittings at 45° to the block

Victor Circle Track water pump #8819 is an upgraded version of water pump #8816. It features an improved right side outlet passage, -10 AN side water outlet ports, aluminum back plate, marine seal, and a powdered metal impeller. Measures 5-13/16" from block surface to hub with a 1.84" inlet diameter and 3/4" pilot shaft.

PART #	DESCRIPTION
ED8819	Victor Circle Track Water Pump, -10 AN auxiliary at 90° to the block

SMALL BLOCK FORD

Fits all Windsor style blocks with S/B Ford timing cover. Comes with heavy-duty 3/4" ball/roller bearing and 3/4" pilot shaft. Also features a 1.78" diameter left-hand inlet with back plate. Measures 5.70" from the block surface to the hub.

PART #	DESCRIPTION
ED8833	Victor Circle Track Pump

SMALL-BLOCK CHEVROLET 18° / 15° / SB2

VICTOR TWO-PIECE FOR 9°-18° SMALL-BLOCK CHEVY RACING HEADS

These new Victor two piece intake manifolds are designed for maximum effort racing small-block Chevrolet engines utilizing conventional port cylinder heads, including All Pro® 11° and 13°, Dart® 9°/12.5°/15°/16°/18°, and Brodix® 13°/13.5°/15°/16°/18° series heads.

Their unique two-piece design allows for porting work in plenum and runners, quickly and accurately, without having to cut the intake in two and then weld it back together. The two halves are securely sealed by a 3/32" Nitrile o-ring seal and fastened together with 5/16" shoulder fasteners.

Options include a standard and +.550" flange to accommodate most deck heights, and two internal metal thicknesses to provide plenty of material for the porting process. The standard internal metal thickness version is ideal for hand porting and the "CNC" version includes (+.100") of material added to the plenum and runners, making it ideal for custom CNC porting and 4.5" bore space heads, like Brodix's new 13°.

Edelbrock's aluminum Valley Plates are designed with an integrated water passage in order to eliminate the need for external plumbing. Retains stock water passage connections on the block without the need for any modifications. These valley plates are a great way to manage water distribution without the hassle of fabricating hose and fittings. Valley plates are also available with standard and +.550" flange thickness to accommodate 4.4" and 4.5" bore spacing and 9.025" and 9.325" deck height blocks.



PART #	DESCRIPTION
ED2836	Victor 13°-18° Two-Piece Manifold (standard flange w/CNC internal casting)
ED28368	Victor 13°-18° Two-Piece Manifold (+0.550" flange w/CNC internal casting)
ED2846	Victor 13°-18° Two-Piece Manifold (standard flange w/standard internal casting)
ED28468	Victor 13°-18° Two-Piece Manifold (+0.550" flange w/standard internal casting)
ED2842	Victor 9° 4.4 Bore Center Two-Piece Manifold (standard flange)
ED28428	Victor 9° 4.4 Bore Center Two-Piece Manifold (+.550" flange)
ED2843	Victor 9° 4.5 Bore Center Two-Piece Manifold (standard flange)
ED28438	Victor 9° 4.5 Bore Center Two-Piece Manifold (+.550" flange)
ED2855	Valley Plate for 9°-18° (standard flange thickness)
ED2856	Valley Plate for 9°-18° (+0.550" flange and end rail thickness)

PART #	DESCRIPTION
ED2847	Victor SB2 Two-Piece Manifold (standard flange)
ED28478	Victor SB2 Two-Piece Manifold (+.500" flange)
ED2853	Valley Plate for Victor SB2 (standard flange)
ED28538	Valley Plate for Victor SB2 (+0.500" flange and end rail thickness)

PART #	DESCRIPTION
ED2848	Victor ROX 4.5 Bore Center Two-Piece Manifold (standard flange)
ED28488	Victor ROX 4.5 Bore Center Two-Piece Manifold (+.500" flange)
ED2851	Valley Plate for Victor ROX (standard flange)
ED28518	Valley Plate for Victor ROX (+.500" flange)



VICTOR SB2 PRO-PORT RAW

These unported versions of race-winning Edelbrock Victor Series CNC heads are designed specifically for the professional cylinder head porter and engine builder. Like all other Edelbrock Cylinder heads, Pro-Port units are also casted in the USA at the state-of-the-art Edelbrock Foundry with extra-thick walls to allow for custom CNC porting. Please note: These heads can not be used without professional head preparation.

SPECIFICATIONS

- Chamber Size 20cc (unfinished size)
- Intake Port Entry 1.50" x 1.05"
- Exhaust Port Exit 1.55" x 1.32"
- Valve Sizes
Intake/Exhaust 2.20"/1.60" (maximum size for each valve cannot be used together)
- Valve Position
Intake Angle 10.5° x 3.4°
Xiv (intake pierce point) 0.636"
Yiv (intake pierce point) 0.450"
Exhaust Angle 8.0° x 0.0°
Xev (exhaust pierce point) 1.144"
Yev (exhaust pierce point) 0.266"
Spacing N/A
Valve Seats None
Guides None



PART #	DESCRIPTION
ED777869	Victor Pro-Port Raw for SB2 w/HIP Process

EDELBROCK PRODUCTS
ARE MANUFACTURED
IN THE USA FOR
UNSURPASSED QUALITY.



VICTOR SB2 SPIDER

The Victor SB2 Spider is a high torque, light weight design ideally suited for Late Model Dirt track applications.



PART #	DESCRIPTION
ED2862	Victor SB2 Spider

Installation Notes: Recommended intake gasket: Fel-Pro #1237-3. Manifold Dimensions: #2862; R-0.78", F-1.46", W-1.55", H-2.13", CH-7.60", CA-0°.



SMALL BLOCK CHEVY PERFORMANCE MANIFOLDS PERFORMER (IDLE-5590 RPM)

One of the most popular Small Block Chevy manifolds. Perfect for street stock engines where good torque is needed at lower RPM. Dual plane manifolds accept stock Quadra jets and square flange carbs. Performer EPS delivers five more HP and nine more ft. lbs. of torque over Performer ED2101. No provision for EGR.

PART #	DESCRIPTION
ED2101	Performer, for 1955-86 Iron Cylinder Heads and 1987-95 Aluminum Heads
ED2104	Performer, for 1987-95 Cast Iron Cylinder Heads
ED2116	Performer, Vortec, for 1996-Up Cylinder Heads
ED2701	Performer EPS, for 1955-86 Iron Cylinder Heads & 1987-95 Aluminum Heads

GASGACINCH

Gasgacinch ensures proper sealing of gaskets used in a manifold installation. Also effective on water pump, oil pan and valve cover gaskets. 4 oz. container.

PART #	DESCRIPTION
ED9300	Gasgacinch

SUPER VICTOR VORTEC BOWTIE

Engineered specifically for use with GM Vortec Bowtie cylinder heads, manifold includes a raised runner design and matches the port shape and location of these heads. Manifold includes a 6-bolt pattern and features a 7/8" taller carb pad when compared to previous design ED2926.

PART #	DESCRIPTION
ED2814	4,000-8,000 RPM Super Victor Vortec Bowtie

SUPER VICTOR LS1

Accepted by NASCAR for use in the K&N East/West Series, GM LS series single plane design manifold delivers greater air flow potential to carbureted or competition EFI applications. The carb mount pad is 1.12" taller when compared to the Victor Jr. LS1 and the port exits are enlarged to 1.08" x 2.74". Manifold is compatible with ED3878 throttle body, square-bore EFI elbows or any 4150 series carburetors.

PART #	DESCRIPTION
ED28097	3,500-8,000 RPM Super Victor LS1

SUPER VICTOR 351W - 4,500-8,500 RPM

Runners have more than 3 sq. in. of cross sectional area and may be used with ported factory, Victor or Victor Jr. cylinder heads on large displacement or high RPM engines.

PART #	DESCRIPTION
ED2924	Standard 351W 9.5" Deck Ht. Blocks
ED2929	SVO 9.2" Deck Ht. Blocks



ED2701



ED9300



ED2924



ED2929

ACCESS TO COMPLETE PRODUCT LINE AVAILABLE

COMPETITION SERIES ENGINE BEARINGS

Bearings offer improved dimensional accuracy, reduced overplate thickness and resistance to fatigue. Specify sizing when ordering (Standard, .001, .010, .020, .030, or 1x)



DUROSHIELD COATED COMPETITION SERIES ENGINE BEARINGS

H-14 super duty alloy (CH) bearings use Duroshield coating, an enhanced molybdenum disulfide polymer based treatment with high lubricity and low friction to reduce engine failure under severe operating conditions. Specify sizing when ordering (Standard, .001", .010", .020", .030", or 1X)



MAIN BEARINGS

PART #	DESCRIPTION
FM119M	BB Chrysler Main Bearings Set
FM129M-001X	302 SBF Performance Main Bearing Set, 2.249", 3/4" Groove, .001" Extra Clearance
FM129M-STD	SBF Performance Main Bearing Set, 2.249", 3/4" Groove
FM139M	Standard 350 SBC Performance Main Bearing Set, 2.448", 3/4" Groove
FM139M-001	350 SBC Performance Main Bearing Set, 2.448", 3/4" Groove, .001" Tighter Clearance
FM139M-001X	350 SBC Performance Main Bearing Set, 2.448", 3/4" Groove, .001" Extra Clearance
FM139M-010	350 SBC Performance Main Bearing Set, 2.448", 3/4" Groove, .010" Tighter Clearance
FM139M-STD	350 SBC Performance Main Bearing Set, 2.448", 3/4" Groove
FM140M-1X	400 SBC Performance Main Bearing Set, 2.648", 3/4" Groove, .001" Extra Clearance
FM140M-STD	400 SBC Performance Main Bearing Set, 2.648", 3/4" Groove
FM141M-STD	BBC Performance Main Bearing Set, 2.749", 3/4" Groove
FM146M-001	351C Ford Performance Main Bearing Set, 2.749", 3/4" Groove, .001" Tighter Clearance
FM146M-001X	351C Ford Performance Main Bearing Set, 2.749", 3/4" Groove, .001" Extra Clearance
FM146M-010	351C Ford Performance Main Bearing Set, 2.749", 3/4" Groove, .010" Tighter Clearance
FM146M-STD	351C Ford Performance Main Bearing Set, 2.749", 3/4" Groove
FM149M-STD	4.6l Ford V-8 DOHC Performance Main Bearing Set
FM152M-001	LS1 SBC Race Performance Main Bearing Set, 2.559", .001" Tighter Clearance
FM152M-1X	LS1 SBC Race Performance Main Bearing Set, 2.559", .001" Extra Clearance
FM152M-STD	LS1 SBC Race Performance Main Bearing Set, 2.559"
FM158M	Performance Main Bearing Set Ford 2.0l DOHC ZETEC
FM7348M	Main Bearing Set Mitsubishi 2.0l DOHC 4G63 4G63T

ROD BEARINGS

PART #	DESCRIPTION
FM4-1825CP-STD	Honda 2.0L DOHC Rod Bearing Set, 4-Pack, 1.889", .765" Wide
FM8-7065CHA-001	SBC Performance Rod Bearings, 2.000", Chamfer, .001" Tighter Clearance
FM8-7065CHA-1X	SBC Performance Rod Bearings, 2.000", Chamfer, .001" Extra Clearance
FM8-7065CHA-STD	SBC Performance Rod Bearings, 2.000", Chamfer
FM8-7065CH-STD	SBC Performance Rod Bearings, 2.000", Chamfer
FM8-7100CH-001	SBC Performance Rod Bearings, 2.100", Chamfer, .001" Tighter Clearance
FM8-7100CH-001X	SBC Performance Rod Bearings, 2.100", Chamfer, .001" Extra Clearance
FM8-7100CH-011	SBC Performance Rod Bearings, 2.100", Chamfer, .011" Tighter Clearance
FM8-7100CH-020	SBC Performance Rod Bearings, 2.100", Chamfer, .020" Tighter Clearance
FM8-7100CH-STD	SBC Performance Rod Bearings, 2.100", Chamfer,
FM8-7160CH-001X	SBF Performance Rod Bearings, 2.1236", .001" Extra Clearance
FM8-7160CH-STD	SBF Performance Rod Bearings, 2.1236",
FM8-7195CH-010	Honda Performance Rod Bearing, 1.888", .001" Tighter Clearance
FM8-7195CH-1	Honda Performance Rod Bearing, 1.887", .001" Tighter Clearance
FM8-7195CH-1X	Honda Performance Rod Bearing, 1.887", .001" Extra Clearance
FM8-7195CH-STD	Honda Performance Rod Bearing, 1.887"
FM8-7200CH-001	BBC Performance Rod Bearing, 2.200", .001" Tighter Clearance
FM8-7200CH-STD	BBC Performance Rod Bearing, 2.200"
FM8-7250CH-STD	Rod Bearing Set 4.6L Ford



CAM BEARINGS

PART #	DESCRIPTION
FM1235M-STD	350 GM Cam Bearing Set
FM1811M-STD	SBC Cam Bearing Set, all 5 bearings 2.120" OD, 4-.750" wide, 1-.990" wide (must machine cam tunnel)



LIFTERS

CHEVY	
PART #	DESCRIPTION
SPRAT840R	.842" dia. Mechanical Lifters (edge orifice oiling for Roller Rockers)
SPRAT-992	.842" dia. Lifters Mechanical



SEALS

PART #	DESCRIPTION
FM415001	Inner Seal Front Hub, 2.500" ID, 3.543" OD, fits SCP Hubs
FM455995N	Inner Seal Rear Hub, 3.000" ID, 4.003" OD, fits SCP Hubs
FM470565	Yates Belt Drive Cam Seal, 2.375" ID, 3.125" OD
FM471255	Dry Sump Pump Front Oil Seal, 5/8" shaft, fits most dry sump pumps

PLASMA MOLY FILE FIT

PART #	BORE DIA.	BORE SIZE	TOP RING	2ND RING	OIL RING	OIL RING TENSION
SPR9343	4.000	5-25-35-45-65	5/64 BR-18PF-013	5/64 RBT-10-022	3/16 SS-50U-5029	STD
SPR9401	4.000	5-10-20-25-35-45-65	1/16 BR-18PF-012	1/16 RBT-10-072	3/16 SS-50U-567	LW
SPR9771	4.000	5-10-25-35-45-65	1/16 BR-18PF-012	1/16 RBT-10-072	3/16 SS-50U-5029	STD
SPR9281	4.050	5-35-65	1/16 BR-18PF-015	1/16 RBT-10-081	3/16 SS-50U-565	LW
SPR9346	4.125	5-25-35-65	1/16 BR-18PF-021	1/16 RBT-10-096	3/16 SS-50U-563	LW
SPR10248	4.125	5-25-35-65	1/16 BR-18PF-021	1/16 RBT-10-096	3/16 SS-50U-462	STD
SPR9349	4.165	5-35	1/16 BR-18PF-026	1/16 RBT-10-087	3/16 SS-50U-583	LW
SPR9344	4.250	5-35-65	1/16 BR-18PF-029	1/16 RBT-10-075	3/16 SS-50U-559	LW
SPR9745	4.250	5-35-65	1/16 BR-18PF-029	1/16 RBT-10-075	3/16 SS-50U-619	STD
SPR9278	4.320	5-35-65	1/16 BR-18PF-032	1/16 RBT-10-076	3/16 SS-50U-579	LW
SPR9789	4.375	5	.043 BR-18PF-047	1/16 RBT-10-077	3/16 SS-50U-576	LW
SPR10133	4.440	5-35-65	1/16 BR-18PF-069	1/16 RBT-10-107	3/16 SS-50U-632	STD
SPR10317	4.500	5-35	1/16 BR-18PF-084	1/16 RBT-10-180	3/16 SS-50U-1626	LW
SPR10451	4.500	5-35	1/16 BR-18PF-084	1/16 RBT-10-180	3/16 SS-50U-787	STD
SPR10452	4.500	5-35	.043 BR-18PF-107	1/16 RBT-10-180	3/16 SS-50U-787	STD
SPR10319	4.563	5-45	1/16 BR-18PF-095	1/16 RBT-10-181	3/16 SS-50U-1627	LW
SPR10519	4.600	5	1/16 BR-18PF-160	1/16 RBT-10-212	3/16 SS-50U-2720	STD
SPR10433	4.625	5	1/16BR18PF-140	1/16RBT-10-182	3/16SS-50U-1667	STD

PRO SERIES PLASMA MOLY FILE FIT

PART #	BORE DIA.	BORE SIZE	TOP RING	2ND RING	OIL RING	OIL RING TENSION
SPR20100	4.000	5-25-30-35-40-45 60-65-125-130-135	.043 BR-18PF-169	.043 RBT-10-231	3.0mm SS-50U-3569	LW
SPR20102	4.000	5-25-30-35-40-45 60-65-125-130-135	1.5mm BR-18PF-168	1.5mm RBT-10-230	3.0mm SS-50U-3569	LW
SPR20109	4.125	STD-5-10-35-45-65	.043 BR-18PF-186	.043 RBT-10-282	3.0mm SS-50U-3619	LT
SPR20104	4.600	5-30-50	.043 BR-18PF-170	.043 RBT-10-233	3.0mm SS-50U-3583	LW
SPR20105	4.600	5-30-50	.043 BR-18PF-170	.043 RBT-10-233	3/16 SS-50U-2731	LW
SPR20106	4.675	5-30	.043 BR-18PF-174	.043 RBT-10-237	3.0mm SS-50U-3608	LW

.031 DYKES

PART #	BORE DIA.	BORE SIZE	TOP RING	2ND RING	OIL RING	OIL RING TENSION
SPR9941	4.000	5-25-35-65-(.031 Dykes)	1/16 PB-18PF-003	1/16 RBT-10-072	3/16 SS-50U-567	LW

LT - Light Tension LW - Low Tension STD - Standard Tension
Only need a Top, Second, or Oil ring in Speed-Pro? CV Products stocks individual bulk rings. Ask you CV sales representative for details.



HELLFIRE RING SETS

PART #	BORE DIA.	WIDTH	CYL.	POSITION	SPECIFICATIONS	AVAILABLE OVSIZES
SPRR-19100	4.000"		8		File Fit HellFire	5-35-45-65
SPRBR-19-111		1/16"		Top Ring		
SPRRBT-10-072		1/16"		Second Ring		
SPRSS-50U-2800		1/16"		Oil Ring		
SPRR-19101	4.125"		8		Standard Tension File Fit HellFire	5-35-45-65
SPRBR-19-112		1/16"		Top Ring		
SPRRBT-10-096		1/16"		Second Ring		
SPRSS-50U-462		3/16"		Oil Ring		
SPRR-19103	4.320"		8		Standard Tension File Fit HellFire	35
SPRBR-19-114		1/16"		Top Ring		
SPRRBT-10-076		1/16"		Second Ring		
SPRSS-50U-639		3/16"		Oil Ring		
SPRR-19105	4.375"		8		Standard Tension File Fit HellFire	5
SPRBR-19-116		1/16"		Top Ring		
SPRRBT-10-077		1/16"		Second Ring		
SPRSS-50U-705		3/16"		Oil Ring		
SPRR-19107	4.500"		8		Standard Tension File Fit HellFire	5-35-65
SPRBR-19-118		1/16"		Top Ring		
SPRRBT-10-180		1/16"		Second Ring		
SPRSS-50U-787		3/16"		Oil Ring		
SPRR-19109	4.600"		8		Standard Tension File Fit HellFire	5
SPRBR-19-108		1/16"		Top Ring		
SPRRBT-10-212		1/16"		Second Ring		
SPRSS-50U-2704		3/16"		Oil Ring		

.043 HELLFIRE RING SETS

PART #	BORE DIA.	WIDTH	FACE MATERIAL	RADIAL WALL	AVAILABLE OVSIZES
SPRBR-19-100	4.000"	.043"	Hardened Ductile Iron	.187"	5-35-65-100
SPRBR-19-101	4.125"	.043"	Hardened Ductile Iron	.192"	5-35-45-65
SPRBR-19-109	4.500	.043"	Hardened Ductile Iron	.210"	5
SPRBR-19-119	4.500	.043"	Hardened Ductile Iron	.175"	.005-35
SPRBR-19-110	4.563"	.043"	Hardened Ductile Iron	.210"	5
SPRBR-19-120	4.563"	.043"	Hardened Ductile Iron	.175"	.005-25
SPRBR-19-102	4.600"	.043"	Hardened Ductile Iron	.175"	.005-30-50
SPRBR-19-103	4.600"	.043"	Hardened Ductile Iron	.210"	.005-30-50
SPRBR-19-104	4.675"	.043"	Hardened Ductile Iron	.175"	.005-30
SPRBR-19-105	4.675"	.043"	Hardened Ductile Iron	.210"	5
SPRBR-19PF-200	4.675"	.043"	Plasma-Moly	.175"	.005-10-30

The .043 rings listed are available individually as open stock. If they are not packaged in a ring set, second and oil rings must be ordered separately.

ACCESS TO COMPLETE PRODUCT LINE AVAILABLE



HEAD GASKETS

SMALL BLOCK CHEVY

PART #	DESCRIPTION
FPP1003	Head Gasket/SBC/4.166" Bore
FPP1004	Head Gasket/SBC/4.190" Bore
FPP1010	Head Gasket/SBC/4.166" Bore
FPP1034	Head Gasket/SBC/4.200" Bore
FPP1043	Head Gasket SBC SML.AL
FPP1044	Head Gasket/SBC/4.200" Bore
FPP1143	SBC MLS Head Gasket 4.165"
FPP1144	SBC MLS Head Gasket 4.200"
FPP1144053	SBC PT MLS Head Gasket
FPP1144061	SBC PT MLS Head Gasket
FPP1142	SBC MLS Head Gasket 4.100"
FPP1144-2	SBC MLS Head Gasket 4.200"
FPP1003	Chevrolet Small Block
FPP1094	Chevrolet Small Block
FPP1144-071	Chevrolet Small Block; Super Thick
FPP26477-052	Chevrolet Small Block
FPPMS 98000T	Chevrolet Small Block
FPPMS 98016T	Chevrolet Small Block
FPP1142-026	Chevrolet Small Block
FPP26452	Chevrolet NASCAR RO7.2
FPP7733PT2	SBC 265/327/350 Head Gasket 4.125" Bore .039" Thickness

BIG BLOCK CHEVY

PART #	DESCRIPTION
FPP1017-1	Head Gasket/BBC/NO GEN.56
FPP1077-041	Head Gasket, MLS BBC 4.640" x.041"
FPP1077-053	Head Gasket, MLS BBC 4.640" x.053"
FPP1094	Head Gasket/BBC/NO GEN.56
FPP1057	Head Gasket/BBC/NO GEN.56
FPP1027	Head Gasket/BBC/AL ONLY/N
FPP1129	Head Gasket BBC DRCE II M
FPP1075-061	Chevrolet Big Block
FPP26465-041	Chevrolet Big Block w/5.000" Bore Centers

LS

PART #	DESCRIPTION
FPP1160 L-053	Chevrolet V8 Gen III LS Based engines
FPP26472 L-053	Chevrolet V8 Gen III LS Based engines LSX
FPP26495 L-041	Chevrolet V8 Gen III LS Based engines RHS
FPP26472 R-053	Chevrolet V8 Gen III LS Based engines LSX
FPP26495 R-041	Chevrolet V8 Gen III LS Based engines RHS
FPP1162 R-041	Chevrolet V8 Gen III LS Based engines
FPP1160 R-053	Chevrolet V8 Gen III LS Based engines
FPP2817	Chevrolet V8 Gen III LS Based engines
FPP1162 L-041	Chevrolet V8 Gen III LS Based engines
FPP26474-041	Chevrolet LS Based Small Block

FORD

PART #	DESCRIPTION
FPP1134	Head Gasket SBF 4.180" Bore x .041"
FPP1135	Head Gasket SBF MLS 4.210" x .041"
FPP1137	Head Gasket SBF .053" Thickness
FPP1133	SBF Head Gasket
FPP1133SD-5	Ford Small Block
FPP1011-1	Head Gasket/SBF/62-82/4.100"
FPP1031L	Head Gasket/Ford 302 351W SVOS
FPP1031R	Head Gasket/Ford 302 351W SVOS
FPP1021	Head Gasket/Ford 302351W
FPP1056	Ford Flathead V8
FPP1141R	Ford Modular V8
FPP30060	Big Block Chevy
FPP11562	351 Windsor Head Gasket 4.100" Bore .039" Thickness SVO

MISCELLANEOUS

PART #	DESCRIPTION
FPP1128	GM NHRA Pro Stock DRCE
FPP1199	Dodge NHRA Pro Stock Hemi
FPP1180R	Toyota NASCAR V8



HEAD GASKETS

PERFORMANCE MLS WITH LASERWELD™

These gaskets take Fel-Pro® MLS performance to an even higher level. The patented LaserWeld™ stopper layer limits compression while maintaining optimal sealing stress.

PERFORMANCE MLS

Fel-Pro® Performance MLS gaskets are composed of four to five stainless steel layers, along with proprietary polymer coatings. Strategically located sealing beads surround the combustion chamber and coolant passages, concentrating clamp load in those areas where it is most critical.

PERFORMANCE WIRE RING

Fel-Pro® Performance wire ring head gaskets feature a 321 Series stainless steel armor surrounding each cylinder, plus a pre-flattened steel or copper wire ring that provides highly concentrated sealing around the combustion chamber. These gaskets use a rubber/fiber facing material (reinforced with KEVLAR®) laminated to a solid steel core to resist torque loss and seal fluids.



INTAKE GASKETS

SMALL BLOCK CHEVY

PART #	DESCRIPTION
FPP1205	Intake Gasket/SBC
FPP1206	Intake Gasket/SBC
FPP1207	Intake Gasket/SBC
FPP1237-1	Intake Gasket/SBC/SB2/SPI
FPP1237-3	Intake Gasket/SBC/SB2/SPI
FPP1242	Intake Gasket/SBC/SB2/Valley
FPP1242-1	Intake Gasket/SBC/SB2/Valley
FPP1254	Intake Gasket/SBC/18deg.
FPP1256	Intake Gasket/SBC/Open
FPP1277	Intake Gasket/SBC/18deg. High
FPP1278	Intake Gasket/SBC/18deg. High
FPP1282	Intake Gasket/SBC/18deg. High
FPP1282-S	Intake Gasket/SBC/18deg. High
FPP1283	Intake Gasket/SBC/18deg. High
FPP90322-1	Intake Gasket/SBC/STEEL
FPP1237-2	Intake Gasket/SBC/SB2/SPI
FPP1278-S	Intake Gasket/SBC/18deg. High
FPP1237-4	Intake Gasket/SBC/SB2/SPI
FPP1253-3	Intake Gasket/302351

BIG BLOCK CHEVY

PART #	DESCRIPTION
FPP1275	Intake Gasket/BBC/No Upper B

SMALL BLOCK FORD

PART #	DESCRIPTION
FPP1262	Intake Gasket/SBF/ALSO

EXHAUST GASKETS

SMALL BLOCK CHEVY

PART #	DESCRIPTION
FPP1404	SBC Exhaust Header Gasket
FPP1405	SBC Exhaust Header Gasket
FPP1406	SBC Exhaust Header Gasket
FPP1409	SBC Exhaust Header Gasket

BIG BLOCK CHEVY

PART #	DESCRIPTION
FPP1412	BBC Exhaust Header Gasket

LSI

PART #	DESCRIPTION
FPP1440	LS1 Exhaust Header Gasket

VALVE COVER

PART #	DESCRIPTION
FPP1604	Valve Cover Gasket
FPP1628	Valve Cover Gasket
FPP1630	Valve Cover Gasket/BBC
FPP1644	Valve Cover Gasket
FPP1645	Valve Cover Gasket
FPP1648	Valve Cover Gasket/SBC/86-9
FPP1649	Valve Cover Gasket/SBC18deg.1/4" Cork
FPP1655-1	Valve Cover Gasket
FPP1636	Valve Cover Gasket
FPP1657	Valve Cover Gasket BBC
FPP1628	Valve Cover Gasket SBC

TIMING COVER

PART #	DESCRIPTION
FPP14842	Timing Cover Seal
FPP16020	BBC Timing Cover Seal
FPP2324	SBC V-8 Timing Cover Gasket
FPP2331	Timing Cover Ford 351W
FPP45060	BBC Timing Cover Gasket
FPP2330	Timing Cover Gasket/SBC V6 90
FPPB90093	Timing Cover Gasket 289/302/351W Ford



INTAKE MANIFOLD SOLID DOWN TO THE CORE

FEL-PRO® PERFORMANCE SOLID METAL CORE INTAKE GASKETS

These gaskets are the preferred choice for high vacuum applications. The strong steel core prevents movement of the gasket into the intake port. The gasket also has an anti-stick coating to make gasket removal and cleanup easier, while preventing gasket failure due to intake manifold and cylinder head movement. This type of gasket is ideal for circle track racing when restrictor plates are used, as well as for long service life engines such as those in street applications.

FEL-PRO® PERFORMANCE INTAKE MANIFOLD GASKETS

These gaskets' base material resists coolant, gasoline, alcohol and oil. As needed, Printoseal elastometric sealing bands are used to provide extra sealing strength around the port. Plus these gaskets can be trimmed to fit modified ports.

EXHAUST MANIFOLD DESIGNED FOR EASIER INSTALLATION

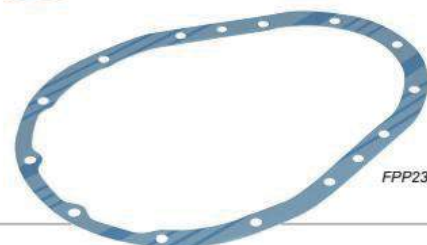
Fel-Pro® Performance exhaust header gaskets have "slotted" bolt holes to allow for easier header installation. The exhaust header can be "hung" on a few bolts or studs, then the gasket can be slipped into place and the rest of the bolts assembled.



Intake Manifold Gaskets



Valve Cover Gasket



FPP2330



OIL PAN COVER

PART #	DESCRIPTION
FPP1839	Oil Pan Side Rail RCKT Black(1)
FPP93970	Oil Pan Rail Gasket
FPP93971	Left Hand Oil Pan Gasket
FPPD5146	Oil Pan Right Side
FPPD5197	Oil Pan Left Side Gasket
FPPD90783	SBC Oil Pan Right Side
FPPD90784	SBC Oil Pan Left Side
FPPMB30328	Pan Front Seal
FPPMBR13262	Oil Pan Front Rubber Seal
FPPD13260	Oil Pan Right
FPPD13261	Oil Pan Left
FPPR5148	SBC Thin Front Oil Pan
FPP93034	Oil Pan Rail Gasket/Left
FPP93061	Oil Pan Rail Gasket/Right
FPPD30214	Right Hand Oil Pan Gasket
FPPD30215	Left Hand Oil Pan Gasket
FPP30216	351W Oil Pan End Seal
FPP30374	Oil Pan Rear Seal
FPP1880	Chevrolet Small Block
FPP1884R	Chevrolet Big Block
FPP70822	Oil Pan Drain Plug Gasket



CARBURETOR

PART #	DESCRIPTION
FPP1900	Carburetor Base Gasket/HOL.4150 Series
FPP1901	Carburetor Base Gasket/HOL.4150 Series
FPP1904	Carburetor Base Gasket/ HOL. 2300 Series
FPP1920	Carburetor MTG Gasket, NASCAR, 4-Hole
FPP1930	NASCAR Carburetor Gasket 4 Hole
FPP1925	Carburetor MTG Gasket, NASCAR, Open
FPP2104	AIR CLEAN Gasket/HOL.4BBL

FUEL

PART #	DESCRIPTION
FPP2400	Fuel Cell Gasket Oval
FPP70573	Fuel Pump Gasket 2-Hole
FPP70576	SBC Fuel Pump Gasket 4-Hole Plate

WATER PUMP

PART #	DESCRIPTION
FPP2200	SBC V-8 Water Outlet Gasket
FPP35071	Water Pump Gasket
FPP35581	Ford Water Pump Gasket
FPP93164	SBC Water Pump Gasket

REAR END

PART #	DESCRIPTION
FPP2302	Rearend Gasket 9" Ford
FPP23021	Rearend Gasket 9" Ford
FPP2900	SBC / Silicone Rear Split Seal
FPP2904	Rear Main Seal
FPP2909-1	Rear Main Seal Package
FPP2912	Rear Main Seal High Vac
FPP29182	Rear Main Seal Package



DISTRIBUTOR

PART #	DESCRIPTION
FPP70165	Distributor Gasket

ACCESS TO COMPLETE PRODUCT LINE AVAILABLE



PUSH LOCKS

PART #	DESCRIPTION
FRA200104	AN4 Push Lock End Straight
FRA200106-BL	AN6 Push Lock End Straight Black
FRA200108	AN8 Push Lock End Straight
FRA200108-BL	AN8 Push Lock End Straight Black
FRA200110-BL	AN10 Push Lock End Straight Black
FRA200112-BL	AN12 Push Lock End Straight Black
FRA200116	AN16 Push Lock End Straight Plain
FRA204504-BL	AN4 Push Lock End 45 Black
FRA204508-BL	AN8 Push Lock End 45 Black
FRA204510-BL	AN10 Push Lock End 45 Black
FRA206006-BL	AN6 Push Lock End 60 Black
FRA209004	AN4 Push Lock End 90
FRA209006-BL	AN6 Push Lock End 90 Black
FRA209008	AN8 Push Lock End 90
FRA209008-BL	AN8 Push Lock End 90 Black
FRA209010-BL	AN10 Push Lock End 90 Black
FRA209016	AN16 Push Lock End 90 Clear
FRA212010-BL	AN10 Push Lock End 120 Black



Fragola Performance Systems Series 3000 Hose Ends feature the "cutter" method of hose attachments. The socket draws the hose over the nipple and into the cutter. The seal is formed by the cutter imbedding itself into the end of the hose. If no color is specified, the standard part number is for the regular red and blue. Use these hose ends with our Series 3000 Stainless Race Hose only.

POWER FLOW HOSE ENDS

PART #	DESCRIPTION
FRA100106	AN6 Straight Power Flow Hose End
FRA100108	AN8 Straight Power Flow Hose End
FRA100108-BL	AN8 Straight Power Flow Hose End
FRA100110-BL	AN10 Straight Power Flow Hose End
FRA103008-BL	AN8 x 30 Power Flow Hose End
FRA103016-BL	AN16 x 30 Power Flow Hose End
FRA104506	AN6 x 45 Power Flow Hose End
FRA112008-BL	AN8 x 120 Power Flow Hose End

Fragola's Sport-Crimp Hose Ends share the same high quality design components as our 3000 Series Race Hose Ends. They feature a crimp collar, that threads onto the Hose End body. This assures the user of a perfect crimp connection every time. The Hose Ends are also adjustable in the field, due to Fragola's unique "double swivel" design.

SPORT-CRIMP

PART #	DESCRIPTION	PART #	DESCRIPTION
FRA3100106	Sport Crimp H/E, 6 AN, Straight	FRA3109006	Sport Crimp H/E, 6 AN, 90deg.
FRA3100108	Sport Crimp H/E, 8 AN, Straight	FRA3109008	Sport Crimp H/E, 8 AN, 90deg.
FRA3100110	Sport Crimp H/E, 10 AN, Straight	FRA3109010	Sport Crimp H/E, 10 AN, 90deg.
FRA3100112	Sport Crimp H/E, 12 AN, Straight	FRA3109012	Sport Crimp H/E, 12 AN, 90deg.
FRA3100116	Sport Crimp H/E, 16 AN, Straight	FRA3109016	Sport Crimp H/E, 16 AN, 90deg.
FRA3104506	Sport Crimp H/E, 6 AN, 45deg.	FRA3112006	Sport Crimp H/E, 6 AN, 120deg.
FRA3104508	Sport Crimp H/E, 8 AN, 45deg.	FRA3112008	Sport Crimp H/E, 8 AN, 120deg.
FRA3104510	Sport Crimp H/E, 10 AN, 45deg.	FRA3112012	Sport Crimp H/E, 12 AN, 120deg.
FRA3104512	Sport Crimp H/E, 12 AN, 45deg.	FRA3118012	Sport Crimp H/E, 12 AN, 180deg.
FRA3104516	Sport Crimp H/E, 16 AN, 45deg.		



The Series 2000 Pro Flow Hose Ends differ from the Series 3000 Hose Ends in the fact that they feature the "single nipple" method of hose attachment. With the "single nipple" style, the socket draws the hose over a long tapered single nipple. The sealing feature is the crush of the hose between the inside of the socket and the outside of the nipple. With this style of hose end, reusing it is a breeze.

PRO-FLOW HOSE ENDS

PART #	DESCRIPTION
FRA220104-BL	AN4 Straight Pro-Flow Hose End
FRA220106	AN6 Straight Pro-Flow Hose End
FRA220106-BL	AN6 Straight Pro-Flow Hose End
FRA220108-BL	AN8 Straight Pro-Flow Hose End
FRA220110-BL	AN10 Straight Pro-Flow Hose End
FRA220112-BL	AN12 Straight Pro-Flow Hose End
FRA220116	AN16 Straight Pro-Flow Hose End
FRA223006-BL	AN6 x 30 Pro-Flow Hose End
FRA223012-BL	AN12 x 30 Pro-Flow Hose End
FRA224506-BL	AN6 x 45 Pro-Flow Hose End
FRA224508-BL	AN8 x 45 Pro-Flow Hose End
FRA224510-BL	AN10 x 45 Pro-Flow Hose End
FRA224512-BL	AN12 x 45 Pro-Flow Hose End
FRA224516-BL	AN16 x 45 Pro-Flow Hose End
FRA226008-BL	AN8 x 60 Pro-Flow Hose End
FRA226010-BL	AN10 x 60 Pro-Flow Hose End
FRA226012-BL	AN12 x 60 Pro-Flow Hose End
FRA229004-BL	AN4 x 90 Pro-Flow Hose End
FRA229006-BL	AN6 x 90 Pro-Flow Hose End
FRA229008	AN8 x 90 Pro-Flow Hose End
FRA229008-BL	AN8 x 90 Pro-Flow Hose End
FRA229010-BL	AN10 x 90 Pro-Flow Hose End
FRA229012-BL	AN12 x 90 Pro-Flow Hose End
FRA229016-BL	AN16 x 90 Pro-Flow Hose End
FRA231206-BL	AN6 x 120 Pro-Flow Hose End
FRA231208-BL	AN8 x 120 Pro-Flow Hose End
FRA231210-BL	AN10 x 120 Pro-Flow Hose End





UNION

PART #	DESCRIPTION
FRA481503	AN3 Union
FRA481503-BL	AN3 Union Black
FRA481504	AN4 Union
FRA481506-BL	AN6 Union Black
FRA481508-BL	AN8 Union Black
FRA481510	AN10 Union
FRA481510-BL	AN10 Union Black
FRA481512	AN12 Union
FRA481516-BL	AN16 Union Black
FRA482103-BL	-3x90 Union Fitting Black
FRA482108-BL	AN8 90deg. Union Black



STRAIGHT ADAPTER

PART #	DESCRIPTION
FRA481603-BL	AN3 x 1/8" MPT Straight Adapter
FRA481604	AN4 x 1/8" MPT Straight Adapter
FRA481604-BL	AN4 x 1/8" MPT Straight Adapter Black
FRA481605	AN4 x 1/4" MPT Straight Adapter
FRA481605-BL	AN4 x 1/4" MPT Straight Adapter Black
FRA481606	AN6 x 1/4" MPT Straight Adapter
FRA481606-BL	AN6 x 1/4" MPT Straight Adapter Black
FRA481607-BL	AN8 x 1/4" MPT Straight Adapter Black
FRA481608	AN8 x 3/8" MPT Straight Adapter
FRA481608-BL	AN8 x 3/8" MPT Straight Adapter Black
FRA481609	AN10 x 3/4" MPT Straight Adapter
FRA481609-BL	AN10 x 3/4" MPT Straight Adapter Black
FRA481610	AN10 x 1/2" MPT Straight Adapter
FRA481610-BL	AN10 x 1/2" MPT Straight Adapter Black
FRA481611	AN10 x 3/8" MPT Straight Adapter
FRA481611-BL	AN10 x 3/8" MPT Straight Adapter Black
FRA481612	AN12 x 3/4" MPT Straight Adapter
FRA481612-BL	AN12 x 3/4" MPT Straight Adapter Black
FRA481613	AN12 x 1/2" MPT Straight Adapter
FRA481613-BL	AN12 x 1/2" MPT Straight Adapter Black
FRA481616-BL	-16 x 1" Black Str Fitting
FRA481644-BL	AN4 x 3/8" MPT Straight Adapter Black
FRA481662	AN6 x 1/8" MPT Straight Adapter
FRA481662-BL	AN6 x 1/8" MPT Straight Adapter Black
FRA481666	AN6 x 3/8" MPT Straight Adapter
FRA481666-BL	AN6 x 3/8" MPT Straight Adapter Black
FRA481668-BL	AN6 x 1/2" MPT Straight Adapter Black
FRA481688	AN8 x 1/2" MPT Straight Adapter
FRA481688-BL	AN8 x 1/2" MPT Straight Adapter Black
FRA581603	AN3 x 1/8" MPT Straight Adapter
FRA581604	AN4 x 1/8" MPT Straight Adapter
FRA581607	AN8 x 1/4" MPT Straight Adapter
FRA581662	AN6 x 1/8" MPT Straight Adapter
FRA581690	AN4 x 1/8" MPT, Oil Pressure



HOSE ASSEMBLY

PART #	DESCRIPTION
FRA310012	AN3 Hose Assembly STR x STR 12
FRA310018	AN3 Hose Assembly STR x STR 18
FRA310020	AN3 Hose Assembly STR x STR 20
FRA320012B	AN3 Hose Assembly STR x 90 12
FRA320014	AN3 Hose Assembly STR x 90 14
FRA320016B	AN3 Hose Assembly STR x 90 16
FRA320018B	AN3 Hose Assembly STR x 90 18
FRA320020B	AN3 Hose Assembly STR x 90 20
FRA320022B	AN3 Hose Assembly STR x 90 22
FRA320024B	AN3 Hose Assembly STR x 90 24



45° ADAPTERS

PART #	DESCRIPTION
FRA482308	AN8 x 3/8" MPT 45 Adapter
FRA482308-BL	AN8 x 3/8" MPT 45 Adapter Black
FRA482313-BL	AN12 x 1/2" MPT 45 Adapter Black
FRA482344-BL	AN4 x 1/4" MPT 45 Adapter Black
FRA482366	AN6 x 3/8" MPT 45 Adapter
FRA482366-BL	AN6 x 3/8" MPT 45 Adapter Black



90° ADAPTERS

PART #	DESCRIPTION
FRA482203	AN3 x 1/8" MPT 90 Adapter
FRA482203-BL	AN3 x 1/8" MPT 90 Adapter Black
FRA482204	AN4 x 1/8" MPT 90 Adapter
FRA482204-BL	AN4 x 1/8" MPT 90 Adapter Black
FRA482206	AN6 x 1/4" MPT 90 Adapter
FRA482206-BL	AN6 x 1/4" MPT 90 Adapter - Black
FRA482208-BL	AN8 x 3/8" MPT 90 Adapter Black
FRA482210-BL	AN10 x 1/2" MPT 90 Adapter Black
FRA482244-BL	AN4 x 1/4" MPT 90 Adapter Black
FRA482262-BL	AN6 x 1/8" MPT 90 Adapter Black
FRA482266-BL	AN6 x 3/8" MPT 90 Adapter Black
FRA482268-BL	AN6 x 1/2" MPT 90 Adapter Black
FRA482288	AN8 x 1/2" MPT 90 Adapter
FRA482288-BL	AN8 x 1/2" MPT 90 Adapter Black



T ADAPTERS

PART #	DESCRIPTION
FRA482406	Tee Aluminum AN6 Adapter-Blue
FRA482408-BL	AN8 Tee Black
FRA482410-BL	AN10 Tee Black
FRA482503-BL	-3 Tee, 1/8" MPT, On The Side Black
FRA482504	Aluminum Tee Pipe AN4 - Blue



BULKHEAD

PART #	DESCRIPTION
FRA480403	AN3 Bulkhead Tee - On The Run Bulkhead Nut
FRA483203	AN3 Straight Bulkhead - Blue
FRA483203-BL	AN3 Straight Bulkhead - Black
FRA483204-BL	AN4 Straight Bulkhead - Black
FRA483206-BL	AN6 Straight Bulkhead - Black
FRA483208	AN8 Straight Bulkhead - Blue
FRA483208-BL	AN8 Straight Bulkhead - Black
FRA483210	AN10 Straight Bulkhead - Blue
FRA483210-BL	AN10 Straight Bulkhead - Black
FRA483212	AN12 Straight Bulkhead - Blue
FRA483212-BL	AN12 Straight Bulkhead - Black
FRA483216	AN16 Straight Bulkhead - Blue
FRA483216-BL	AN16 Straight Bulkhead - Black
FRA483303	AN3 90deg. Bulkhead - Blue
FRA483303-BL	-3 x 90 Bulkhead - Black
FRA483306	90deg. Bulkhead AN6 - Blue
FRA483306-BL	-6 x 90 Bulkhead - Black
FRA483308	90deg. Bulkhead AN8 - Blue
FRA483403	AN3 Bulkhead Tee
FRA483403-BL	-3 Bulkhead Tee - Black
FRA483703-BL	-3 x 45 Bulkhead - Black
FRA492403	AN3 Bulkhead Nut - Blue
FRA492403-BL	AN3 Bulkhead Nut - Black
FRA492404-BL	AN4 Bulkhead Nut - Black
FRA492408	AN8 Bulkhead Nut - Blue
FRA492410	AN10 Bulkhead Nut - Blue
FRA492410-BL	AN10 Bulkhead Nut - Black
FRA492412	AN12 Bulkhead Nut - Blue
FRA492412-BL	AN12 Bulkhead Nut - Black
FRA492416	AN16 Bulkhead Nut - Blue
FRA592403	AN3 Bulkhead Nut - Steel 3/8-2



CARB FITTING

PART #	DESCRIPTION
FRA491973-BL	Carb Fttg -8 Female For Brasswell
FRA491974-BL	Carb Fttg -8 Female 3" 7/8"-20
FRA491976-BL	AN8 x 7/8"-20 Carb Adapter Long
FRA491989-BL	-6 x 3/8" F.1. Fitting LT-1 Black



PIPE PLUG

PART #	DESCRIPTION
FRA493201-BL	1/16" Pipe Plug
FRA493202-BL	1/8" MPT Pipe Plug - Internal
FRA493204	3/8" MPT Pipe Plug - Internal
FRA493205	1/2" MPT Pipe Plug - Internal
FRA493205-BL	1/2" MPT Pipe Plug - Internal
FRA493206-BL	3/4" MPT Pipe Plug - Internal
FRA493207	1" MPT Pipe Plug - Internal



REDUCER

PART #	DESCRIPTION
FRA491103-BL	Male Pipe Nipple 3/8"-3/8" Black
FRA491201-BL	1/8" x 1/4" Pipe Reducer Bushing Black
FRA491203-BL	1/8" x 3/8" Pipe Reducer Bushing Black
FRA491204-BL	3/8" x 1/2" Pipe Reducer Bushing Black
FRA491206	1/8" x 1/2" Pipe Reducer Bushing Black
FRA491206-BL	1/8" x 1/2" Pipe Reducer Bushing Black
FRA491501	1/8" Pipe 45deg. Male/Female
FRA491908-BL	AN8 x AN4 Reducer Black
FRA491923	AN12 x AN16 Male Reducer
FRA491926	AN16 x AN20 Male Reducer



ADAPTER

PART #	DESCRIPTION
FRA491952-BL	AN6 x 7/8"-20 Male Adapter-Dual
FRA491954	AN6 x 12mm x 1.25" Male Adapter
FRA491955-BL	AN6 x 1/2"-20 Male Adapter-5/16"
FRA491966	AN8 x 9/16"-24 Holley & Deamon



FLARE CAP

PART #	DESCRIPTION
FRA492903	Aluminum Flare Cap AN3 - Blue
FRA492904	Aluminum Flare Cap AN4 - Blue
FRA492904-BL	Aluminum Flare Cap AN4 - Black
FRA492906	Aluminum Flare Cap AN6 - Blue
FRA492906-BL	Aluminum Flare Cap AN6 - Black
FRA492908	Aluminum Flare Cap AN8 - Blue
FRA492908-BL	-8 Cap Black
FRA492910	Aluminum Flare Cap AN10 - Blue
FRA492910-BL	-10 Cap Black
FRA492912	Aluminum Flare Cap AN12 - Blue
FRA492912-BL	Aluminum Flare Cap AN12 - Black



GAUGE ADAPTER

PART #	DESCRIPTION
FRA495000-BL	Inline Gauge Adapter AN4 x AN
FRA495002-BL	3/8" NPT to AN6 Gauge Adapter
FRA495005	Inline Gauge Adapter AN6 Male
FRA495005-BL	Gauge Adapters
FRA495021	AN4 x 1/8" FPT Gauge Adapter-Straight



RADIUS FITTINGS

PART #	DESCRIPTION
FRA495100	AN6 x 9/16"-18, 6 Radius Fitting
FRA495100-BL	-6 x 9/16"-18, 6 Radius Fitting
FRA495101	AN6 x 3/4"-16, 8 Radius Fitting
FRA495101-BL	-6 x 3/4"-16, 8 Radius Fitting
FRA495102-BL	AN8 x 9/16"-18, 6 Radius Fitting
FRA495103-BL	AN8 x 3/4"-16, 8 Radius Fitting
FRA495104-BL	AN8 x 7/8"-14, 10 Radius Fitting
FRA495110	AN4 x 9/16"-18, 6 Radius Fitting
FRA495113-BL	AN6 x 7/8"-14, 10 Radius Fitting
FRA495114	AN6 x 1-1/16"-12, 12 Radius Fitting
FRA495115	AN8 x 1-1/16"-12, 12 Radius Fitting
FRA495120-BL	AN 1/16" - 12, 12 Radius Fitting
FRA495125-BL	-4 x 7/16"-20, 4 Radius Fitting
FRA495641-BL	AN12 x 12 ORB Short
CVF-OR10AN10	Radius Fitting, Short ORB-10
CVF-OR10AN12	Radius Fitting, Short ORB-10
CVF-OR12AN10	Radius Fitting, Short ORB-12
CVF-OR12AN12	Radius Fitting, Short ORB-12
FRACV495105-BL	-10 x 3/4"-16, 8 Radius Fitting



CONNECTORS

PART #	DESCRIPTION
FRA496104	AN4 Female Connector
FRA496106	AN6 Female Connector
FRA496108-BL	-8 Female Connector Black
FRA496110	AN10 Female Connector
FRA496110-BL	AN10 Female Coupler
FRA496206-BL	-6 x 45 Female Coupler Black
FRA496210-BL	AN10 x 45 Female Coupler
FRA496310	AN10 x 90 Female Coupler



WELD BUNGS

PART #	DESCRIPTION
FRA487112	AN12 Female Weld Bung
FRA497104	AN4 Male Weld Bung
FRA497108	AN8 Male Weld Bung
FRA497120	AN20 Male Weld Bung
FRA499508	AN3 Female Weld Bung x .750 St
FRA596701	1/8" FPT Steel Weld Bung



SWIVEL REDUCERS

PART #	DESCRIPTION
FRA497204	AN4 Nut x AN3 Male Swivel Reducer
FRA497208	AN8 Nut x AN6 Male Swivel Reducer
FRA497210-BL	-10 Nut x -6 Male Swivel Reducer
FRA497211-BL	-10 Female to -8 Male
FRA497213	AN12 Nut x AN10 Male Swivel Reducer
FRA497219-BL	-20 Nut x 16 Male Swivel



FLARE EXPANDERS & PLUGS

PART #	DESCRIPTION
FRA480603	Aluminum Flare Plug AN3 - Blue
FRA480603-BL	-3 AN Plug Black
FRA480606	Aluminum Flare Plug AN6 - Blue
FRA497304	3 - 4 Flare Expander
FRA497308	6 - 8 Flare Expander
FRA497310	8 - 10 Flare Expander
FRA498005-BL	AN10 Female - Male Flare 45
FRA498006-BL	-12 Female - Male Flare 45 Black
FRA498101	AN3 Female - Male Flare 90
FRA498102	AN4 Female - Male Flare 90
FRA498103	AN6 Female - Male Flare 90
FRA498104	AN8 Female - Male Flare 90
FRA498104-BL	AN8 Female - Male Flare 90
FRA498105	AN10 Female - Male Flare 90
FRA498106-BL	-12 Female - Male Flare 90



SWIVELS

PART #	DESCRIPTION
FRA498202	AN4 T Female Swivel On Side
FRA498202-BL	-4 T Female Swivel on Side Black
FRA498301	AN3 T Female Swivel on Run
FRA498304-BL	-8 T Female Swivel on Run Black
FRA499208-BL	Fitting, -8 x 3/4"-16, 90deg. Swivel
FRA499210	AN10 x 7/8"-14, 10 90deg.
FRA499281-BL	-8 x 7/8"-14, 10 90deg. Swivel
FRA499303	AN3 Female Swivel to 1/8" MPT
FRA499303-BL	-3 Female Swivel to 1/8" MPT Black
FRA499308	AN8 Female Swivel to 3/8" MPT



STEEL ADAPTERS

PART #	DESCRIPTION
FRA582203	AN3 x 1/8" MPT 90 Adapter - Steel
FRA582204	AN4 x 1/8" MPT 90 Adapter - Steel
FRA582304	AN4 x 1/8" MPT 45 Adapter - Steel
FRA582403	AN3 Tee - Steel
FRA582504	AN4 Tee 1/8 MPT on Side - Steel
FRA582603	AN3 Tee 1/8 MPT on Run - Steel
FRA6004023	AN3 x 45 Degree Bent Crimp Fit
FRA6204023	45 Bent Tube Crimp Fitting
FRA650103	AN3 x 3/8" Banjo Adapter - Steel
FRA650150	3/8"-24 Banjo Bolt - Steel



TUBE ADAPTER, NUT & SLEEVE

PART #	DESCRIPTION
FRA481803	Aluminum Tube Nut AN3 - Blue
FRA481803-BL	-3 Tube Nut Black
FRA481903	Aluminum Tube Sleeve AN3 - Blue
FRA481903-BL	-3 Tube Sleeve Black
FRA650201	AN3 x 3/8"-24 I.F. Tubing Adapter
FRA650202	AN3 x 10 x 1.0 I.F. Tubing Adapter
FRA650204	AN3 x 7/16"-24 I.F. Tubing Adapter



BRAKE ADAPTERS

PART #	DESCRIPTION
FRA650302	AN3 x 3/8"-24 I.F. Brake Adapter
FRA650303	AN3 x 7/16"-20 Brake Adapter
FRA650305	AN3 x 1/2"-20 I.F. Brake Adapter
FRA650306	AN3 x 9/16"-18 I.F. Brake Adapter
FRA650307	AN3 x 10 x 1.0mm Brake Adapter
FRA650407	AN4 x 10 x 1.0mm Adapter



CRUSH WASHERS

PART #	DESCRIPTION
FRA999204	AN8 Alum. Crush Washer AN-90
FRA999205	AN10 Alum. Crush Washer AN-90



CLAMPS

PART #	DESCRIPTION
FRA280006	AN6 EZ Clamp - Red
FRA280210	-10 EZ Clamp - Black
FRA999156	AN6 Clamp - Pair



SOCKET HEX PORT PLUGS

PART #	DESCRIPTION
FRA481306-BL	6 x 9/16"-18 Socket Hex Port Plug
FRA481308-BL	8 x 3/4"-16 Socket Hex Port Plug
FRA481312-BL	12 x 1-1/16"-12 Socket Hex Port Plug



PREMIUM NYLON BLACK RACING HOSES

- Recommended for Motorsports applications, the black synthetic rubber core is resistant to oil, fuels, coolants, and alcohols.
- 500 PSI working pressure covers most oil, water, and fuel systems you may encounter.
- Reinforced with a single braid of bright corrosion resistant type 302 stainless steel wire braid.
- Operating range of -40 degrees F to +300 F.
- Designed to be used with FPS Series 2000 Hose Ends, and FPS Sport-Crimp Hose Ends

PART #	DESCRIPTION
FRA840004	AN4 Premium Nylon Race Hose Black
FRA840006	AN6 Premium Nylon Race Hose Black
FRA840008	AN8 Premium Nylon Race Hose Black
FRA840010	AN10 Premium Nylon Race Hose Black
FRA840012	AN12 Premium Nylon Race Hose Black
FRA840016	AN16 Premium Nylon Race Hose Black



FUEL LINE KITS

PART #	DESCRIPTION
FRA920002	7/8"-20 Dual Inlet 4150 AN6 Fuel Line Kit
FRA920003-BL	7/8"-20 Dual Inlet 4150 AN8 Fuel Line Kit

MISCELLANEOUS

PART #	DESCRIPTION
FRA861006	3/8" Blue Push Locks 10
FRA900608	Flare to Flare Y-Fitting, 8AN Male All



ACCESS TO COMPLETE PRODUCT LINE AVAILABLE

Holley®

ALUMINUM ULTRA XP 2BBL CARBURETORS

The original Holley 0-4412 has powered thousands of racers to the winners' circle! How do you make it better? Add the proven design elements of the popular Ultra series for more tunability, more durability, more weight savings and more features! The Ultra XP 2bbl carburetors feature all aluminum construction for nearly 50% weight savings over their zinc counterparts, contoured venturii inlet for unobstructed airflow, screw in air bleeds for easy fine tuning, black anodized fully adjustable billet aluminum metering block and baseplate, high capacity fuel bowl which features 20% more fuel capacity to eliminate starvation, integrated fuel shelf to minimize fuel aeration and internal baffling to control fuel slosh and a centered air cleaner flange for improved airflow and performance. Other notable features include wedged floats, knurled hand adjustable curb idle screw and down leg boosters. Ultra XP 2bbl carburetors are approved for use in NASCAR® Mid-West/West Coast Late Model Divisions and utilize the same venturii and throttle bore dimensions of the classic 4412 2bbl carburetor. Available in shiny or Hard Core Gray finishes, the Ultra XP 2bbl will outperform any production 2bbl available.

PART #	DESCRIPTION
HOL0-4412HB	500 CFM Ultra HP 2BBL, Hard Core Gray
HOL0-4412BK	500 CFM Ultra HP 2BBL, Tumble Polished

PERFORMANCE MODEL 2300 2BBL CARBURETORS

The 0-7448 is designed as a stock replacement for 2BBL street applications as well as being mandated for some oval track racing sanctioning bodies. Whether you are looking for a replacement carburetor to replace your tired and worn factory 2BBL or one to push you to the finish line on Saturday night, the Holley 0-7448 Performance 2BBL is the perfect choice.

FEATURES

- Gold Dichromate finish for corrosion resistance and classic Holley looks
- Intended as stock performance replacement for 2-bbl street applications. Also a mandated carb for some oval track racing sanctioning bodies
- Manual (Cable driven, hand operated) choke for precise cold start control
- 30cc accelerator pump for additional fuel under initial acceleration
- Ford A/T kickdown
- Power valve blow-out protection
- 100% wet-flow tested by Holley technicians to assure it arrives ready to run!

PART #	DESCRIPTION
HOL0-7448	350 CFM 2BBL
HOL0-4412C	500 CFM 2BBL
HOL0-4412CT	500 CFM 2 BBL, Circle Track Specific

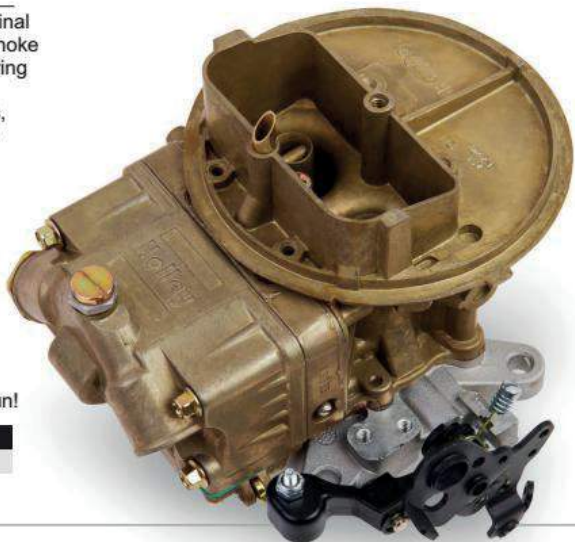
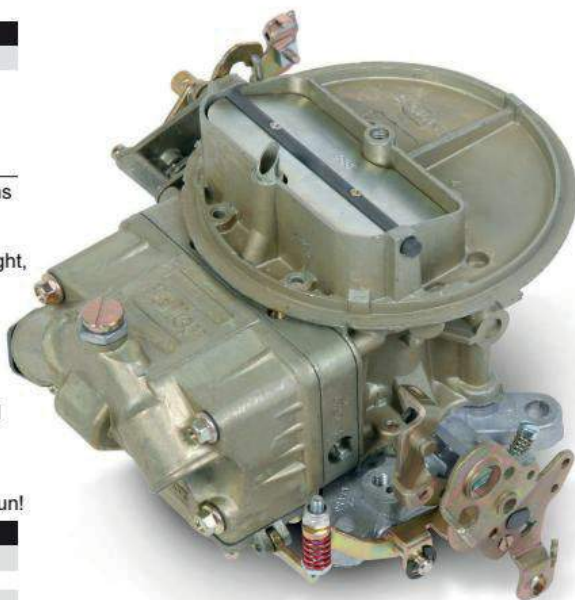
KEITH DORTON SIGNATURE SERIES 2BBL CARBURETORS

The 0-80787-1 carburetor shares the hugely successful features of the original 7448 carburetor, but with changes aimed directly at circle track cars. The choke assembly has been removed for unobstructed airflow, utilizes the HP metering block with changeable emulsion bleeds for infinite tuning, 30cc accelerator pump, welded throttle lever, screw in air bleeds and stainless throttle plates, plus it has been specially calibrated for circle track racing use. It comes out of the box ready to run with less modifying and less tuning at the track!

FEATURES

- Gold Dichromate finish for corrosion resistance and classic Holley looks
- Calibrated specifically for circle track use
- No choke for unobstructed airflow
- 30cc accelerator pump for additional fuel under initial acceleration
- HP metering block with changeable emulsion bleeds for infinite tunability
- Screw in air bleeds for precision tuning capabilities
- Welded throttle lever
- Power valve blow-out protection
- 100% wet-flow tested by Holley technicians to assure it arrives ready to run!

PART #	DESCRIPTION
HOL0-80787-1	350 CFM 2BBL
HOL0-80583-1	500 CFM 2BBL



COMPETITION 4150 CARBURETORS

Holley Competition Double Pumper® carburetors are a perfect performance upgrade for race vehicles. Double Pumper carburetors are an American icon when it comes to performance carburetors. From their roots as the premier carburetor on many factory muscle cars to powering thousands of vehicles across the finish line, the Double Pumper is a great choice whether you are burning up the street or the quarter mile. The Competition Double Pumper is designed for use on all out race vehicles that are lightweight with a manual transmission or an automatic transmission with a high stall and low rear end gears. The Competition Double Pumper is available in a gold dichromate finish and features dual accelerator pumps for additional fuel under initial acceleration; mechanical secondaries for great performance; dual feed fuel inlets for constant high volume fuel delivery and no choke for maximum airflow.

PART #	DESCRIPTION	PRIMARY ACC. PUMP	SECONDARY ACC. PUMP	IDLE SYSTEM
HOL0-9379	750 CFM Gas	30cc	30cc	Four-Corner
HOL0-9381	830 CFM Gas	30cc	30cc	Four-Corner
HOL0-9380	850 CFM	30cc	30cc	Four-Corner



ASA LATE MODEL CARBURETOR

Classic HP carburetors are available from 390 to 1000 CFM and feature a contoured venturii inlet for balanced air flow, screw in air bleeds for precision tuning capabilities, high flow metering blocks and Dominator style fuel bowls which allow plumbing from either side for ease of installation. Holley HP carburetors are the standard for square bore race carburetors. Race-Ready out of the box!

PART #	DESCRIPTION
HOL0-80541-1	650 CFM Classic HP ASA Late Model Carburetor



ALUMINUM ULTRA XP CARBURETORS

Xtreme Performance - Holley Ultra XP™ carburetors! Ultra XP carbs are 38% lighter than our original HP, have fuel capacity that is 20% greater and 30 other new features! They're available in our all-new Hard Core Gray™ hard coat anodized finish with Black™ billet for improved corrosion protection. They're also available in natural tumble-polished aluminum with your choice of Black™ or Red™ metering blocks and base plate. The Aluminum Ultra XP comes in 600, 650, 750, 850, and True 950-CFM. Holley Ultra XP carburetors offer new features such as an integrated idle bypass valve that allows for idle adjustments while maintaining the correct throttle plate to transfer slot relationship, high capacity fuel bowls which feature 20% more fuel capacity to eliminate starvation, integrated fuel shelf to minimize fuel aeration and internal baffling to control fuel slosh. Other features include all aluminum construction, fully tunable billet metering blocks, billet base plate, adjustable secondary linkage and knurled (hand adjustable) curb idle screws. Holley Ultra XP carburetors are the ultimate in square bore race carburetors!

PART #	DESCRIPTION
HOL0-80802HB	650 CFM
HOL0-80803HB	750 CFM
HOL0-80804HB	850 CFM



4150 CARBURETORS

Classic HP carburetors are available from 390 to 1000 CFM and feature a contoured venturii inlet for balanced air flow, screw in air bleeds for precision tuning capabilities, high flow metering blocks and Dominator style fuel bowls which allow plumbing from either side for ease of installation.

PART #	DESCRIPTION	PRIMARY ACC. PUMP	SECONDARY ACC. PUMP	IDLE SYSTEM	BOOSTERS
HOL0-80507-1	390 CFM Gas	30cc	30cc	4-corner	Straight-Leg
HOL0-80540-1	600 CFM Gas	30cc	30cc	4-corner	Straight-Leg
HOL0-80528-1	750 CFM Gas	30cc	30cc	4-corner	Down Leg
HOL0-80535-1	750 CFM METH	50cc	50cc	4-corner	Down Leg
HOL0-80509-1	830 CFM	30cc	30cc	4-corner	Down Leg
HOL0-80511-1	830 CFM	30cc	30cc	4-corner	Annular
HOL0-80496-1	950 CFM	30cc	30cc	4-corner	Down Leg
HOL0-80498-1	950 METH	50cc	50cc	4-corner	Down Leg





AIR CLEANER, THROTTLE BODY & BASE GASKETS

Replacement air cleaner (air horn), throttle body and base gaskets are sold individually unless specified.

PART #	DESCRIPTION
HOL108-4	Air Cleaner Gasket, 5" Dia. .060" Thick, 3 pad
HOL108-62	Air Cleaner Gasket, 5" Dia., .200" Thick
HOL108-5	Throttle Body Gasket 4150/4160, 1-11/16" x 1-11/16" Bore Size
HOL108-7	Throttle Body Gasket 4150/4160, 1-3/4" x 1-3/4" Bore Size
HOL108-40	Throttle Body Gasket Model 2300
HOL108-10	Base Gasket, 4150/4160, 1/16" Thick
HOL108-12	Base Gasket, 4010,4150/4160, 5/16" Thick w/Studs Included

HOL108-4



HOL108-10



HOL108-40

VITON INLET NEEDLES & SEAT

PART #	DESCRIPTION
HOL6-504	0.110" Seat Size
HOL6-506	0.097" Seat Size
HOL6-518-2	0.120" Seat Size



HOL6-506



Standard Main Jets

STANDARD MAIN JETS

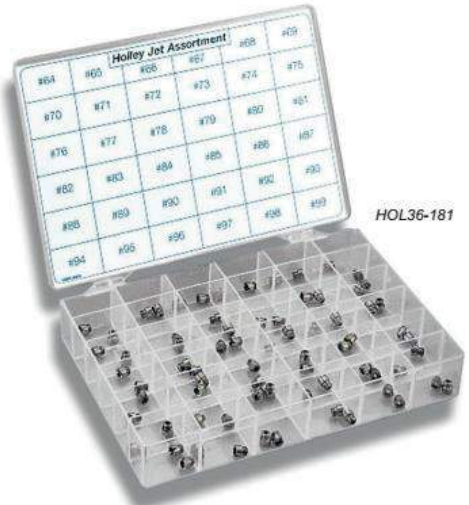
These metering orifices control fuel flow into the metering system. They are rated in flow capacity "cubic centimeters per minute" and are changeable for tuning purposes. The shape of the entry, exit, and size determines flow. All Holley Main jets are flow tested and then stamped with the correct number. Jets have 1/4" -32 UNF threads.

PART #	DESCRIPTION
HOL122-xx	(Hole size corresponds w/the jet number)

JET ASSORTMENT KIT

The Holley jet assortment kit is the professional way to track-tune your Holley carburetor for top performance. This kit consists of two (2) each of thirty-six (36) different jet sizes, ranging from #64 to #99. The jets are contained in a plastic case that is designed to keep them separated and make them easily accessible. Jet sizes selected will give the broadest range of adjustment and tuning for most performance carburetor applications.

PART #	DESCRIPTION
HOL36-181	Jet Assortment Kit



HOL36-181

POWER VALVES SINGLE STAGE SINGLE-STAGE POWER VALVE STANDARD FLOW

STANDARD FLOW	
PART #	DESCRIPTION
HOL125-25	2.5" Hg.
HOL125-35	3.5" Hg.
HOL125-45	4.5" Hg.
HOL125-50	5.0" Hg.
HOL125-55	5.5" Hg.
HOL125-65	6.5" Hg.
HOL125-75	7.5" Hg.
HOL125-85	8.5" Hg.
HOL125-95	9.5" Hg.
HOL125-105	10.5" Hg.

HIGH FLOW	
PART #	DESCRIPTION
HOL125-125	2.5" Hg.
HOL125-135	3.5" Hg.
HOL125-145	4.5" Hg.
HOL125-150	5.0" Hg.
HOL125-155	5.5" Hg.
HOL125-165	6.5" Hg.
HOL125-185	8.5" Hg.
HOL125-1005	10.5" Hg.



HOL125-65



Holley®

HP BILLET 170 GPH FUEL PUMPS

Holley® Billet Fuel Pressure Regulators are part of a complete line of fuel system products from Holley®. They are precision machined from 6061-T6 billet aluminum for strength and durability. They feature a black bright dip anodized body and a clear bright dip anodized top for corrosion resistance and good looks. The Holley 12-840 fuel pressure regulator features 3/8" NPT in/out ports.

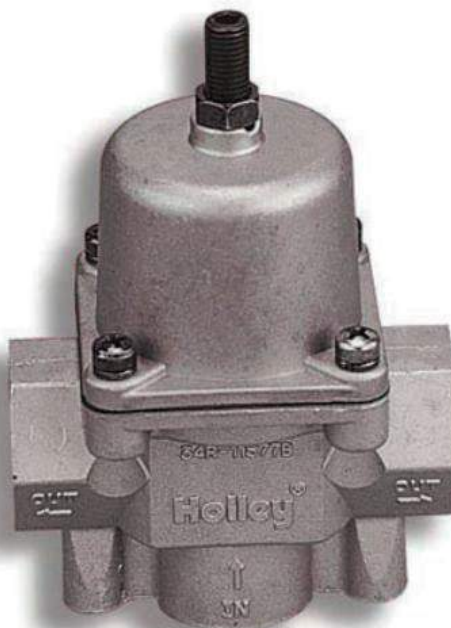
PART #	DESCRIPTION
HOL12-840	HP Regulator, Carbureted, 4.5-9 PSI, 3/8" NPT Ports
HOL12-842	HP Regulator, Carbureted Bypass w/Idle Bleed, 4.5-9 PSI
HOL12-845	HP Regulator, Carbureted Bypass, 4.5-9 PSI, -8AN Ports & -6AN Return



FUEL PRESSURE REGULATOR

Holley fuel pressure regulators are designed to precisely control the fuel pressure from the fuel pump to the carburetor. Too much fuel pressure for a given needle and seat assembly can overload the needle and seat and may cause flooding or drivability problems. Each Holley fuel pressure regulator is fully adjustable so regulating the fuel pressure to your engines needs is a simple task. All Holley regulators are pre-set at the factory so there is no guesswork when first installing the regulator. The Holley 12-704 fuel pressure regulator features 1/2" NPT in/out ports.

PART #	DESCRIPTION
HOL12-704	Fuel Pressure Regulator



ACCESS TO COMPLETE PRODUCT LINE AVAILABLE



CAMSHAFTS

A racing camshaft is a precision product that requires tender loving care in its installation. Probably anyone with some natural feel for mechanics can install a racing camshaft, especially if he is careful and observant, before and during the removal of the stock camshaft. CV can special order any Isky Camshaft, please contact your CV Sales Rep for more information.

LIFTERS

Isky offers a complete line of performance and racing lifters, including flat tappet hydraulic and solid lifters, hydraulic roller lifters, and solid roller lifters. Isky's newest generation of Endurance Plus[®] roller lifters feature the revolutionary new TruTrac[®] roller bearings, utilizing 30% stronger Timken[®] steel needle roller bearings to deliver longer life. Roller lifters are available with steel or aluminum (top only) bodies.

PART #	DESCRIPTION
ISK1271-LO-185	Lifters, Red-Zone, Mechanical Roller, Vertical Link Bar, Chevy
ISK372RHM904	Lifters, Red-Zone, Mechanical Roller, Vertical Link Bar, SBC
ISK1271-LSH-EZMAX-1	On Center Lifter Red-Zone Max Endurance Roller Lifter
ISK1271-LOLS-185EZMAX-1	One Left Offset Red-Zone Max Endurance Roller Lifters
ISK1271-LORS-185EZMAX-1	One Right Offset Red-Zone Max Endurance Roller Lifter
ISK3972-RH	Red Zone Roller Lifter, Mechanical Roller Tappet, Vertical Link Bar, Ford
ISK92-TI	Retainer, Titanium, 7deg., 1.560" O.D., .740" I.D.
ISK3972RHEZMAX-1	Roller Lifters (1 Pair)
ISK372LOSPLCPTEZX	Roller Lifters 8 Left Offset 8 Right Offset
ISK1271-LO-185-EZMAX	Roller Lifters EZ Max
ISK372RHEZX	Roller Lifters, Ez-Rollx, Mechanical Roller, Vertical Link Bar, .842" Lifter O.D., Chevy V8
ISK372-LO-180-EZX	SBC Roller Lifter, Red Zone 180
ISK202HSO	SBC Solid Lifters
ISKS0202-H	SBC/BBC Solid Flat Tappet Lifters
ISK202-H	Solid Lifters, Mechanical Flat Tappet, Chevy, Pontiac



Isky Lifter Left Offset



ADJUSTABLE GUIDE PLATES

Small Block Chevy V-8 & 90 Degree V-6

- Made simple to minimize modifications associated with high performance factory aftermarket aluminum or cast iron cylinder heads where intake ports have been relocated from their original factory position.
- Fully adjustable guide plates come with two pieces. One male and one female.
- Grind centers for a closer setting.
- Can easily be adjusted inward or outwards.
- For more stability guide plates can be welded once final adjustments are made.

PART #	DESCRIPTION
ISK200-AGP	5/16" Steel Adjustable Guideplate
ISK300-AGP	3/8" Adjustable Guideplates For SBC V8, V6



SPECIAL PROCESSING "SP" SERIES HIGH ENDURANCE VALVE SPRINGS

The "SP" series utilizes "Hi-Tensile" Chrome Silicon outer spring material. For applications with radical cams and/or moderately high rpm, where traditional chrome silicon springs prove inadequate, the "SP" series is the next highest level of endurance. All "SP" series springs are Spintron Test-Proven up to 8000 rpm for 700 racing miles.

ENDURANCE PLUS SERIES EXTREME HIGH ENDURANCE VALVE SPRINGS

The Endurance Plus series of valve springs utilizes a specially processed Tool Room Material outer spring for increased endurance/reliability beyond the "SP" series. Endurance Plus springs are designed for late models, modified, etc., and are Spintron Test-Proven up to 8400 rpm for 850 racing miles.

ISKY'S "GOLD STRIPE" TOOL ROOM VALVE SPRING

- Full-Spectrum Harmonic Vibration Control: Technologically advanced designs suppress surge and avoid harmonic convergence.
- 100% "Hands-On" Precision Manufacture by master valve spring craftsmen.
- Absolute Maximum Endurance: Exclusive trade-secret endurance processing delivers "near zero" pressure drop after 1,000 racing test miles!
- The 1,000 Racing Mile Endurance Test Standard: Each set is guaranteed "race ready" because we test-prove every part number, every batch.
- Gold Stripe Test Certification: Tool Room springs earn their "Gold Stripes" and written certification only after two full sets go the distance.

VALVE SPRINGS

PART #	DESCRIPTION
ISK295D	Gold Stripe Racing
ISK9925	Gold Stripe Racing, Dual, 1.534" O.D., 470 lbs./in. Rate, 1.160" Coil Bind Height
ISK9935	Gold Stripe Racing, Dual, 1.560" O.D., 490 lbs./in. Rate, 1.150" Coil Bind Height
ISK9905	Gold Stripe Racing, Dual, 1.534" O.D., 500 lbs./in. Rate, 1.160" Coil Bind Height
ISK9965	Gold Stripe Racing, Dual, 1.560" O.D., 470 lbs./in. Rate, 1.170" Coil Bind Height
ISK9975	Gold Stripe Racing, Dual, 1.560" O.D., 480 lbs./in. Rate, 1.145" Coil Bind Height
ISK9985	Gold Stripe Racing, Dual, 1.560" O.D., 500 lbs./in. Rate, 1.200" Coil Bind Height
ISK800VSL	Valve Spring Locator, Inside, Steel, .045" Thick, 1.540" O.D., .570" I.D., .740" Spring I.D.
ISK707STA	Valve Spring Retainers, Steel, 7deg., 1.240" O.D., .660" I.D.
ISK92TI	Valve Spring Retainers, Titanium, 7deg., 1.560" O.D., .740" I.D.
ISK9989RAD	Valve Springs
ISKV-005-D	Valve Springs
ISK9985RAD	Valve Springs, Dual, 1.560" O.D., 500 lbs./in., 1.200" Coil Bind Height
ISK9385	Valve Springs, Dual, 1.560" O.D., 500 lbs./in. Rate, 1.180" Coil Bind Height
ISK9988RAD	Valve Springs, Dual, 1.570" O.D., 1.200" Coil Bind Height, 0.800" Max Lift
ISK9968RAD	Valve Springs, Dual, 1.570" O.D., 560 lbs./in. Rate, 1.100" Coil Bind Height
ISK6205	Valve Springs, Dual, 1.430" O.D., 320 lbs./in. Rate, 1.160" Coil Bind Height
ISK9955RAD	Valve Springs, Dual, 1.430" O.D., 330 lbs./in. Rate, 1.120" Coil Bind Height
ISK8305	Valve Springs, Dual, 1.510" O.D., 370 lbs./in. Rate, 1.175" Coil Bind Height
ISK8005A	Valve Springs, Dual, 1.530" O.D., 400 lbs./in. Rate, 1.160" Coil Bind Height
ISK8005SP	Valve Springs, Dual, 1.530" O.D., 415 lbs./in. Rate, 1.160" Coil Bind Height
ISK8205PLUS	Valve Springs, Dual, 1.530" O.D., 650" Max Lift, 440 lbs/in. Rate, 1.170" Coil Bind Height
ISK9005	Valve Springs, Dual, 1.530" O.D., 430 lbs./in. Rate, 1.160" Coil Bind Height
ISK8205	Valve Springs, Dual, 1.530" O.D., 440 lbs./in. Rate, 1.170" Coil Bind Height
ISK9005PLUS	Valve Springs, Dual, 1.530" O.D., 455 lbs./in. Rate, 1.160" Coil Bind Height
ISK9205	Valve Springs, Dual, 1.550" O.D., 435 lbs./in. Rate, 1.175" Coil Bind Height
ISK9365	Valve Springs, Dual, 1.550" O.D., 460 lbs./in. Rate, 1.170" Coil Bind Height
ISK9315	Valve Springs, Dual, 1.550" O.D., 480 lbs./in. Rate, 1.130" Coil Bind Height
ISK9365PLUS	Valve Springs, Dual, 1.560" O.D., 470 lbs./in. Rate, 1.170" Coil Bind Height
ISK9385PLUS	Valve Springs, Dual, 1.560" O.D., 500 lbs./in. Rate, 1.180" Coil Bind Height
ISK9965RAD	Valve Springs, Dual, 1.560" O.D., 475 lbs./in. Rate, 1.170" Coil Bind Height
ISK9995RAD	Valve Springs, Dual, 1.570" O.D., 510 lbs./in. Rate, 1.200" Coil Bind Height
ISK9998RAD	Valve Springs, Dual, 1.600" O.D., 600 lbs./in. Rate, 1.160" Coil Bind Height
ISK9999RAD	Valve Springs, Dual, 1.600" O.D., 650 lbs./in. Rate, 1.150" Coil Bind Height
ISK9685	Valve Springs, Dual, 1.625" O.D., 550 lbs./in. Rate, 1.150" Coil Bind Height
ISK9945RAD	Valve Springs, Dual, 1.625" O.D., 550 lbs./in. Rate, 1.180" Coil Bind Height
ISK235D-1	Valve Springs, Single, 1.260" O.D., 350lbs./in. Rate, 1.150" Coil Bind Height

MISCELLANEOUS

PART #	DESCRIPTION
ISK800VSL	Valve Spring Locator, Inside, Steel, .045" Thick, 1.540" O.D., .570" I.D., .740" Spring I.D.
ISK707STA	Valve Spring Retainers, Steel, 7deg., 1.240" O.D., .660" I.D.
ISK92TI	Valve Spring Retainers, Titanium, 7deg., 1.560" O.D., .740" I.D.
ISKVL11/32	7deg. Hardened Steel Valve Locks 11/32" Valve Stem
ISKRL-1	4 oz. Assembly Lube



ACCESS TO COMPLETE PRODUCT LINE AVAILABLE

The preferred Piston for racers the world over is JE. Whether your arena is NASCAR, CART, SCCA, IMSA, or SCORE. JE has the right piston for the job. JE Piston's superior design is enhanced by the use of premium certified aerospace materials. The manufacturing materials used allow the pistons to be lightweight, yet strong as exhibited in the latest generation of "Ultra-Lite" pistons developed by JE. All pistons are fully CNC machined with smooth flow domes, skirts that allow for a supertight fitting clearance, and are also individually balanced.



CUSTOM PISTONS

For decades, JE Pistons has manufactured custom pistons for thousands of applications. JE Pistons' in-house engineering and manufacturing centers can produce a custom piston for almost any 4-Stroke Engine. Custom pistons do not include pins, locks or rings. Several various Piston Coatings are available.

FEATURES

- Fully CNC machined piston
- 2618 low-silicon or optional 4032 High Silicon material available on some applications
- Lock grooves machined for Carbon Steel Spiro Locks (other options available)
- Machined side reliefs on full round forgings
- Precision machined CNC ring grooves
- Pick lock grooves (for use with wire locks)
- Engineered for your application
- Diamond turned skirts
- Radiused valve reliefs
- Single forced pin oilers



SBC - 350/400 SMALL BLOCK DOME

CUBIC IN.	BORE	STROKE	ROD LENGTH	BLOCK HT	COMP DIST	5BCC	6CC	7CC	DOME VOL	GRAMS	OVER SIZE	PART #	RING SET #	DESCRIPTION
383	4.030	3.750	6.000	9.000	1.125	14.6	13.4	11.4	9.5	420	0.03	JE182005	J10008-4030-5	350 SBC .300 Dome
357	4.030	3.500	6.000	9.000	1.250	14.5	12.8	11.2	13	453	0.03	JE182012	J10008-4030-5	350 SBC .450 Dome
359	4.040	3.500	6.000	9.000	1.250	14.5	12.8	11.2	13	455	0.04	JE182014	J10008-4040-5	350 SBC .450 Dome
362	4.060	3.500	6.000	9.000	1.250	14.5	12.8	11.2	13	463	0.06	JE182015	J10008-4060-5	350 SBC .450 Dome
358	4.030	3.500	6.000	9.000	1.250	14.5	12.8	11.2	13	452	0.035	JE182013	J10008-4030-5	350 SBC .450 Dome
380	4.155	3.500	6.000	9.000	1.250	15	13.8	11.7	13	468	0.03	JE182069	J10008-4155-5	400 SBC .500 Dome
374	4.125	3.500	6.000	9.000	1.250	15	13.8	11.7	13	453	0.03	JE182067	J10008-4125-5	400 SBC .500 Dome
363	4.030	3.562	6.000	9.000	1.219	14.3	13	11.1	11	444	0.03	JE182009	J10008-4030-5	350 SBC .400 Dome
370	4.030	3.625	6.000	9.000	1.187	15	13.6	11.5	13	439	0.03	JE182008	J10008-4030-5	350 SBC .450 Dome
388	4.060	3.750	6.000	9.000	1.125	14.6	13.4	11.4	9.5	432	0.06	JE182007	J10008-4060-5	350 SBC .300 Dome
401	4.125	3.750	6.000	9.000	1.125	13.8	12.8	11.1	3	450	Std	JE182053	J10008-4125-5	400 SBC .165 Dome
407	4.155	3.750	6.000	9.000	1.125	13.8	12.8	11.1	3	463	0.03	JE182056	J10008-4155-5	400 SBC .165 Dome
407	4.155	3.750	6.000	9.000	1.125	14.8	13.7	11.7	8	451	0.03	JE182061	J10008-4155-5	400 SBC .305 Dome
401	4.125	3.750	6.000	9.000	1.125	14.8	13.7	11.7	8	437	Std	JE182058	J10008-4125-5	400 SBC .305 Dome
409	4.165	3.750	6.000	9.000	1.125	14.8	13.7	11.7	8	455	0.04	JE182062	J10008-4165-5	400 SBC .305 Dome
420	4.155	3.875	6.000	9.000	1.062	14.2	13.2	11.4	3	460	0.03	JE182036	J10008-4155-5	400 SBC .165 Dome
414	4.125	3.875	6.000	9.000	1.062	14.2	13.2	11.4	3	444	Std	JE182033	J10008-4125-5	400 SBC .165 Dome
422	4.165	3.875	6.000	9.000	1.062	14.2	13.2	11.4	3	464	0.04	JE182037	J10008-4165-5	400 SBC .165 Dome
420	4.155	3.875	6.000	9.000	1.062	15.3	14.1	12	8	450	0.03	JE182041	J10008-4155-5	400 SBC .305 Dome
414	4.125	3.875	6.000	9.000	1.062	15.3	14.1	12	8	434	Std	JE182038	J10008-4125-5	400 SBC .305 Dome
422	4.165	3.875	6.000	9.000	1.062	15.3	14.1	12	8	453	0.04	JE182042	J10008-4165-5	400 SBC .305 Dome
434	4.155	4.000	6.000	9.000	1.000	14.6	13.5	11.6	3	449	0.03	JE182027	J10008-4155-5	400 SBC .175 Dome
428	4.125	4.000	6.000	9.000	1.000	14.6	13.5	11.6	3	432	Std	JE182024	J10008-4125-5	400 SBC .175 Dome
436	4.165	4.000	6.000	9.000	1.000	14.6	13.5	11.6	3	453	0.04	JE182028	J10008-4165-5	400 SBC .175 Dome
434	4.155	4.000	6.000	9.000	1.000	15.7	14.5	12.4	8	435	0.03	JE182031	J10008-4155-5	400 SBC .305 Dome
436	4.165	4.000	6.000	9.000	1.000	15.7	14.5	12.4	8	441	0.04	JE182032	J10008-4165-5	400 SBC .305 Dome
428	4.125	4.000	6.000	9.000	1.000	15.7	14.5	12.4	8	423	Std	JE182029	J10008-4125-5	400 SBC .305 Dome

SBC - 400 SMALL BLOCK 18° DOME

CUBIC IN.	BORE	STROKE	ROD LENGTH	BLOCK HT	COMP DIST	5BCC	55CC	58CC	DOME VOL	GRAMS	OVER SIZE	PART #	RING SET #	DESCRIPTION
414	4.125	3.875	6.000	9.000	1.062	15.4	14.7	14	2.5	450	Std	JE213109	J10008-4125-5	400 SBC Dome 18°
407	4.155	3.750	6.000	9.000	1.125	15	14.3	13.7	2.5	473	0.03	JE213122	J10008-4155-5	400 SBC Dome 18°
405	4.145	3.750	6.000	9.000	1.125	15	14.3	13.7	2.5	469	0.02	JE213121	J10008-4145-5	400 SBC Dome 18°
401	4.125	3.750	6.000	9.000	1.125	15	14.3	13.7	2.5	463	Std	JE213118	J10008-4125-5	400 SBC Dome 18°
428	4.125	4.000	6.000	9.000	1	15.8	15.1	14.5	2.5	433	Std	JE213103	J10008-4125-5	400 SBC Dome 18°
434	4.155	4.000	6.000	9.000	1	14	13.5	12.9	-6	436	0.03	JE181955	J10008-4155-5	400-18 SBC Flat Top
428	4.125	4.000	6.000	9.000	1	14	13.5	12.9	-6	422	Std	JE181951	J10008-4125-5	400-18 SBC Flat Top

SBC - NITROUS SERIES DOME

CUBIC IN.	BORE	STROKE	ROD LENGTH	BLOCK HT	COMP DIST	5BCC	6CC	7CC	DOME VOL	GRAMS	OVER SIZE	PART #	RING SET #	DESCRIPTION
407	4.155	3.750	6.000	9.000	1.125	13.9	12.8	11.1	3	524	0.03	JE173586	J10008-4155-5	400 SBC Dome

B/B NITROUS SERIES DOME

CUBIC IN.	BORE	STROKE	ROD LENGTH	BLOCK HT	COMP DIST	110CC	118CC	124CC	DOVE VOL	GRAMS	OVER SIZE	PART #	RING SET #	DESCRIPTION
555	4.560	4.25	6.385	9.78	1.27	16	14.6	13.7	44	672	0.31	JE170716	J10008-4560-5	454 BBC .625 Dome
565	4.600	4.25	6.385	9.78	1.27	16.3	14.8	13.9	44	687	0.35	JE170717	J100U8-4600-5	454 BBC .625 Dome
568	4.610	4.25	6.385	9.78	1.27	16.4	14.9	14	44	692	0.36	JE194913	J100H8-4610-5	454 BBC .625 Dome
540	4.500	4.25	6.385	9.78	1.27	15.7	14.3	13.4	44	648	0.25	JE170714	J10008-4500-5	454 BBC .650 Dome

PRO MOD - GP 18°

CUBIC IN.	BORE	STROKE	ROD LENGTH	BLOCK HT	COMP DIST	110CC	118CC	124CC	DOVE VOL	GRAMS	OVER SIZE	PART #	RING SET #	DESCRIPTION
565	4.6	4.25	6.535	9.8	1.14	15.5	14.6	13.2	13	611	0.35	JE194964	J860L8-4600-5	500+ BBC Dome

B/B FLAT TOP

CUBIC IN.	BORE	STROKE	ROD LENGTH	BLOCK HT	COMP DIST	110CC	118CC	124CC	DOVE VOL	GRAMS	OVER SIZE	PART #	RING SET #	DESCRIPTION
509	4.500	4.000	6.135	9.78	1.645	9.3	8.8	8.6	-3	719	0.25	JE106906	J10008-4500-5	454 BBC FT HD/ Blown
509	4.500	4.000	6.385	9.78	1.395	9.3	8.7	8.5	-3	688	0.25	JE106908	J10008-4500-5	454 BBC FT HD/ Blown
532	4.600	4.000	6.535	9.78	1.245	9.6	9.2	8.9	-3	654	0.35	JE131385	J100U8-4600-5	454 BBC FT HD/ Blown
540	4.500	4.250	6.385	9.78	1.27	9.8	9.4	9	-3	643	0.25	JE131387	J10008-4500-5	454 BBC FT HD/ Blown
565	4.600	4.250	6.385	9.78	1.27	10	9.7	9.4	-3	667	0.35	JE131390	J100U8-4600-5	454 BBC FT HD/ Blown
496	4.310	4.250	6.385	9.78	1.27	9.1	8.8	8.4	-3	590	0.06	JE131386	J10008-4310-5	454 BBC FT HD/ Blown

B/B INVERTED DOME

CUBIC IN.	BORE	STROKE	ROD LENGTH	BLOCK HT	COMP DIST	110CC	118CC	124CC	DOVE VOL	GRAMS	OVER SIZE	PART #	RING SET #	DESCRIPTION
509	4.500	4.000	6.135	9.78	1.645	8.7	8.4	8.1	-11.5	688	0.25	JE182002	J10008-4500-5	454BBC Inv DM BLN 8.5
540	4.500	4.250	6.385	9.78	1.27	8.7	8.4	8.2	-20	594	0.25	JE181990	J10008-4500-5	454 BBC Inv DM
548	4.530	4.250	6.385	9.78	1.27	8.7	8.4	8.2	-20	611	0.28	JE181991	J10008-4530-5	454 BBC Inv DM
523	4.560	4.500	6.535	10.18	1.395	8.8	8.5	8.2	-28	627	0.31	JE181996	J10008-4560-5	454 BBC Inv DM
509	4.500	4.500	6.535	10.18	1.395	8.8	8.5	8.2	-28	612	0.25	JE181994	J10008-4500-5	454 BBC Inv DM 8.5
516	4.530	4.500	6.535	10.18	1.395	8.8	8.5	8.2	-28	623	0.28	JE181995	J10008-4530-5	454 BBC Inv DM 8.5

BIG DUKE/BIG CHIEF - GP 18°

CUBIC IN.	BORE	STROKE	ROD LENGTH	BLOCK HT	COMP DIST	110CC	118CC	124CC	DOVE VOL	GRAMS	OVER SIZE	PART #	RING SET #	DESCRIPTION
565	4.600	4.250	6.535	9.78	1.12	16.9	15.9	14.2	19	593	0.35	JE218585	J200U8-4600-5	500 + BBC BIG Chf/ Dke
565	4.600	4.250	6.535	9.78	1.12	15.5	14.8	13.2	13	586	0.35	JE170669	J200U8-4600-5	454 BBC .350 Dome

460 FLAT TOP

CUBIC IN.	BORE	STROKE	ROD LENGTH	BLOCK HT	COMP DIST	110CC	118CC	124CC	DOVE VOL	GRAMS	OVER SIZE	PART #	RING SET #	DESCRIPTION
532	4.440	4.300	6.800	10.3	1.35	13.6	12.7	11.2	-3	602	0.08	JE170878	J10008-4440-5	460 BBF FT
520	4.390	4.300	6.800	10.3	1.35	13.4	12.5	11	-3	577	0.03	JE170877	J10008-4390-5	460 BBF FT

460 INVERTED DOME

CUBIC IN.	BORE	STROKE	ROD LENGTH	BLOCK HT	COMP DIST	110CC	118CC	124CC	DOVE VOL	GRAMS	OVER SIZE	PART #	RING SET #	DESCRIPTION
520	4.390	4.300	6.800	10.3	1.35	9.7	9.3	8.5	-39	569	0.03	JE170879	J10008-4390-5	460 BBF Inv-Dome

4.6 L SMALL BLOCK

CUBIC IN.	BORE	STROKE	ROD LENGTH	BLOCK HT	COMP DIST	110CC	118CC	124CC	DOVE VOL	GRAMS	OVER SIZE	PART #	RING SET #	DESCRIPTION
284	3.572	3.543	5.933	8.925	1.22	9.2	-	8.6	-17	381	0.02	JE194329	J68008-3570-5	SBF 4.6 Liter Dish
281	3.552	3.543	5.933	8.925	1.22	9.2	-	8.6	-17	377	-	JE194328	J68008-3550-5	SBF 4.6 Liter Dish
284	3.572	3.543	5.933	8.925	1.22	11.8	-	10.7	0	380	0.02	JE182475	J68008-3570-5	SBF 4.6 Liter Flat Top

302 INVERTED DOME

CUBIC IN.	BORE	STROKE	ROD LENGTH	BLOCK HT	COMP DIST	110CC	118CC	124CC	DOVE VOL	GRAMS	OVER SIZE	PART #	RING SET #	DESCRIPTION
347	4.030	3.400	5.400	8.200	1.1	9.1	8.8	8.5	-22	415	0.03	JE170848	J10008-4030-5	302/351 SBF Dish

TOP FUEL

CUBIC IN.	BORE	STROKE	ROD LENGTH	BLOCK HT	COMP DIST	110CC	118CC	124CC	DOVE VOL	GRAMS	OVER SIZE	PART #	RING SET #	DESCRIPTION
-4.187	1.630	-	-	1.63	-	-	-	-	-	784	-	JE207486	-	Crysler Top Fuel

400/440 WEDGE FLAT TOP

CUBIC IN.	BORE	STROKE	ROD LENGTH	BLOCK HT	COMP DIST	110CC	118CC	124CC	DOVE VOL	GRAMS	OVER SIZE	PART #	RING SET #	DESCRIPTION
493	4.350	4.150	6.766	10.699	1.858	12.5	11.7	10.7	-5	613	0.03	JE213462	J10008-4350-5	440 Mopar FT

BUICK GRAND NATIONAL

CUBIC IN.	BORE	STROKE	ROD LENGTH	BLOCK HT	COMP DIST	110CC	118CC	124CC	DOVE VOL	GRAMS	OVER SIZE	PART #	RING SET #	DESCRIPTION
234	3.820	3.400	5.960	9.510	1.85	-	-	8.5	-29.5	541	0.02	JE131556	J100H6-3820-5	3.820 Buick V6 8.75
235	3.830	3.400	5.960	9.510	1.85	-	-	8.5	-29.5	542	0.03	JE131557	J100H6-3830-5	3.830 Buick V6 8.75



SRP PROFESSIONAL PISTONS

SRP Pistons is proud to offer a high tech addition to our very popular product line. SRP Professional pistons include features used in professional racing such as lightweight forged side relief (FSR) forgings, high quality wrist pins, and precision CNC machined ring grooves and skirts. In addition, every package includes JE Pro Seal Premium Piston Rings. The included ring set features a 1.2 premium steel top ring, 1.5mm Napier (hooked face) second ring and 3.0mm standard tension oil ring. Every piston is designed and manufactured in the USA at the advanced JE/SRP Pistons manufacturing center.

The development of SRP Professional took place over the course of an entire year. The piston designs were created using 3D computer modeling and tested for strength using Finite Element Analysis (FEA). Several revisions were made to optimize the strength and weight before manufacturing began. Unlike other piston manufacturers, JE/SRP Pistons manufacture billet pistons from solid pucks of aluminum for dyno testing in actual engines prior to approving the forging designs.

FEATURES

- Advanced, lightweight FSR forging that eliminates stress concentrations for superior strength
- Up to 20% lighter than traditional equivalent
- High-silicon 4032 aluminum alloy for reduced piston-to-wall clearance and quiet operation
- Accumulator grooves for improved ring seal
- Designed for normally aspirated or moderate forced induction/nitrous applications
- Forged and manufactured in the USA by JE Pistons

RINGS, PINS AND LOCKS INCLUDED



SRP PROFESSIONAL PISTONS

CHEVY LS2/LS3/LS6 INVERTED DOME - HEAD CUBIC CENTIMETERS 64CC, 66CC, 72CC

PART #	CUBIC IN.	BORE BORE SIZE	ROD LENGTH	COMPRESS. DISTANCE	COMPRESSION RATIO	DOVE VOL.	OVERSIZE	RING SET RECOMM.
JE271100	403	4.005	6.125	1.115	11.0 10.7 10.1	-10	0.005	JG3108-4000-7
JE271102	408	4.030	6.125	1.115	11.1 10.8 10.2	-10	0.030	JG31F8-4030-2
JE271105	416	4.065	6.125	1.115	11.2 11.0 10.3	-10	STD LS3	JG31F8-4070-0

350 SMALL BLOCK CHEVY FLAT TOP - HEAD CUBIC CENTIMETERS 58CC, 64CC, 70CC

PART #	CUBIC IN.	BORE BORE SIZE	ROD LENGTH	COMPRESS. DISTANCE	COMPRESSION RATIO	DOVE VOL.	OVERSIZE	RING SET RECOMM.
JE271054	408	4.030	6.000	1.000	12.6 11.7 11.0	-5	0.030	JG31F8-4030-2
JE268830	383	4.030	6.000	1.125	11.9 11.1 10.3	-5	0.030	JG31F8-4030-2
JE271055	383	4.030	5.700	1.425	11.9 11.1 10.3	-5	0.030	JG31F8-4030-2
JE271056	355	4.030	6.000	1.260	11.1 10.3 9.7	-5	0.030	JG31F8-4030-2
JE271057	355	4.030	5.700	1.560	11.1 10.3 9.7	-5	0.030	JG31F8-4030-2

SMALL BLOCK FORD FLAT TOP - HEAD CUBIC CENTIMETERS 58CC, 64CC, 70CC

PART #	CUBIC IN.	BORE BORE SIZE	ROD LENGTH	COMPRESS. DISTANCE	COMPRESSION RATIO	DOVE VOL.	OVERSIZE	RING SET RECOMM.
JE271097	331	4.030	5.400	1.165	10.4 9.7 9.1	-5	0.030	JG31F8-4030-2
JE271099	347	4.030	5.400	1.100	10.9 10.1 9.5	-5	0.030	JG31F8-4030-2

4.6L/5.4L FORD 2V FLAT TOP - HEAD CUBIC CENTIMETERS 58CC, 64CC, 70CC

PART #	CUBIC IN.	BORE BORE SIZE	ROD LENGTH	COMPRESS. DISTANCE	COMPRESSION RATIO	DOVE VOL.	OVERSIZE	RING SET RECOMM.
JE271106	284	3.572	5.933	1.220	12.2 11.4 10.4	-3	0.030	JG3208-3571-0

4.6L FORD 2V SPHERICAL DISH

PART #	CUBIC IN.	BORE BORE SIZE	ROD LENGTH	COMPRESS. DISTANCE	COMPRESSION RATIO	DOVE VOL.	OVERSIZE	RING SET RECOMM.
JE271108	284	3.572	5.933	1.220	9.8 9.3 8.7	-17	0.030	JG3208-3571-0

SRP PISTONS

SRP Pistons was founded in 1997 by JE Pistons, the world's largest manufacturer of forged racing pistons. The idea was simple, to create a high quality forged piston at an affordable price. Every SRP forging was created with quality, performance and affordability in mind. By designing dedicated forgings, the pistons became both lighter and stronger while machining time and scrap aluminum was drastically reduced. These factors have reduced the price of SRP Pistons and contributed to their success. Today, nearly 500 different piston part numbers comprise the SRP product lineup, including Chevy, Ford, Chrysler, Honda and more.



FEATURES

- Fully CNC machined dome, dish or flat top
- Machined oil drain back holes (not slotted)
- Symmetrical valve pockets fully radiused
- Honed pin bore
- Forged side relief
- Full floating wrist pin
- Double spiro locks
- CNC diamond turned skirt
- Pressure fed pin oilers



SRP PISTONS

FORD SMALL BLOCK - FLAT TOP

CUBIC INCH	BORE	OVER SIZE	STROKE	ROD LENGTH	COMP DIST	COMPRESSION RATIO			DOVE VOL	GRAMS	DECK HEIGHT	PART #	PREMIUM RING SET	DESCRIPTION	SPORTSMAN RING SET
						58CC	64CC	72CC							
346	4.030	.030	3.400	5.400	1.100	11.5	10.9	10.4	-5cc	423	0	JE140689	J100F8-4030-5	289/302 SBF FT -5cc	S100S8-4030-5
306	4.030	.030	3.000	5.090	1.600	10.2	9.7	9.2	-5cc	513	-.010	JE138734	J100F8-4030-5	289/302 SBF FT -5cc	S100S8-4030-5
316	4.030	.030	3.100	5.400	1.230	10.3	9.6	8.7	-5cc	447	-.020	JE206057	J100F8-4030-5	351W Stroker 11.7:1 FT	S100S8-4-030-5
331	4.030	.030	3.250	5.400	1.165	10.4	9.7	8.9	-5cc	429	-.010	JE206066	J100F8-4030-5	302 Stroker 9.7:1 FT	S100S8-4030-5

FORD SMALL BLOCK - DISH

CUBIC INCH	BORE	OVER SIZE	STROKE	ROD LENGTH	COMP DIST	COMPRESSION RATIO			DOVE VOL	GRAMS	DECK HEIGHT	PART #	PREMIUM RING SET	DESCRIPTION	SPORTSMAN RING SET
						58CC	64CC	72CC							
346	4.030	.030	3.400	5.400	1.100	10.4	9.9	9.5	-12.5cc	403	0	JE151868	J100F8-4030-5	SBF Dish -12.5cc	S100S8-4030-5
395	4.030	.030	3.850	6.250	1.300	9.5	9.0	8.4	-28cc	450	-.025	JE206063	J100F8-4030-5	351W Strk 9:1 INV DM	S100S8-4030-5

SBC 350/400 INVERTED DOME

CUBIC INCH	BORE	OVER SIZE	STROKE	ROD LENGTH	COMP DIST	COMPRESSION RATIO			DOVE VOL	GRAMS	DECK HEIGHT	PART #	PREMIUM RING SET	DESCRIPTION	SPORTSMAN RING SET
						58CC	64CC	72CC							
383	4.030	.030	3.750	6.000	1.125	10.4	9.8	9.2	-16cc	403	9.000	JE138103	J100F8-4030-5	350 SBC Dish -16cc	S100S8-4030-5
383	4.030	.030	3.750	5.700	1.425	10.4	9.8	9.2	-16cc	457	9.000	JE139628	J100F8-4030-5	350 SBC Dish -16cc	S100S8-4030-5
383	4.030	.030	3.750	5.700	1.425	9.0	8.5	8.1	-31cc	469	9.000	JE148750	J100F8-4030-5	350 SBC Dish -31cc	S100S8-4030-5
383	4.030	.030	3.750	5.565	1.560	9.6	9.0	8.6	-24cc	492	9.000	JE139632	J100F8-4030-5	350 SBC Dish -24cc	S100S8-4030-5
409	4.155	.030	3.750	6.000	1.125	11.0	10.3	9.7	-16cc	422	9.000	JE147549	J100F8-4155-5	400 SBC Dish -16cc	S100S8-4155-5

SBC 350/400 DOME

CUBIC INCH	BORE	OVER SIZE	STROKE	ROD LENGTH	COMP DIST	COMPRESSION RATIO			DOVE VOL	GRAMS	DECK HEIGHT	PART #	PREMIUM RING SET	DESCRIPTION	SPORTSMAN RING SET
						58CC	64CC	72CC							
383	4.030	.030	3.750	6.000	1.125	14.1	12.9	12.0	7cc	426	9.000	JE140348	J100F8-4030-5	350 SBC Dome 7cc	S100S8-4030-5
355	4.030	.030	3.480	6.000	1.260	14.2	12.9	11.9	11cc	459	9.000	JE140678	J100F8-4030-5	350 SBC Dome 11cc	S100S8-4030-5
357	4.040	.040	3.480	6.000	1.260	14.2	13.0	12.0	11cc	461	9.000	JE140679	J100F8-4040-5	350 SBC Dome 11cc	S100S8-4040-5
385	4.040	.040	3.750	6.000	1.125	14.2	13.0	12.0	7cc	433	9.000	JE140349	J100F8-4040-5	350 SBC Dome 7cc	S100S8-4040-5
388	4.060	.060	3.750	6.000	1.125	14.2	13.0	12.0	7cc	438	9.000	JE140350	J100F8-4060-5	350 SBC Dome 7cc	S100S8-4060-5
355	4.030	.030	3.480	5.700	1.560	14.0	12.7	11.7	11cc	509	9.000	JE140674	J100F8-4030-5	350 SBC Dome 11cc	S100S8-4030-5
360	4.060	.060	3.480	6.000	1.260	14.3	13.0	12.0	11cc	477	9.000	JE140680	J100F8-4060-5	350 SBC Dome 11cc	S100S8-4060-5
407	4.155	.030	3.750	6.000	1.125	14.2	13.0	12.0	4cc	445	9.000	JE142024	J100F8-4155-5	400 SBC Dome 4cc	S100S8-4155-5
409	4.165	.040	3.750	6.000	1.125	14.2	13.0	12.0	4cc	449	9.000	JE142025	J100F8-4165-5	400 SBC Dome 4cc	S100S8-4165-5
407	4.155	.030	3.750	5.700	1.425	14.0	12.9	11.9	4cc	500	9.000	JE142021	J100F8-4155-5	400 SBC Dome 4cc	S100S8-4155-5
377	4.155	.030	3.480	6.000	1.260	14.2	13.0	12.0	9cc	484	9.000	JE142034	J100F8-4155-5	400 SBC Dome 9cc	S100S8-4155-5



SBC 350 FLAT TOP

CUBIC INCH	BORE	OVER SIZE	STROKE	ROD LENGTH	COMP DIST	COMPRESSION RATIO			DOME VOL	GRAMS	DECK HEIGHT	PART #	PREMIUM RING SET	DESCRIPTION	SPORTSMAN RING SET
						5BCC	6/4CC	7/2CC							
383	4.030	.030	3.750	6.000	1.125	11.8	11.0	10.3	-5cc	419	9.000	JE138093	J100F8-4030-5	350 SBC Flat Top -5c	S100S8-4030-5
355	4.030	.030	3.480	6.000	1.260	11.1	10.3	9.6	-5cc	442	9.000	JE138085	J100F8-4030-5	350 SBC Flat Top -5c	S100S8-4020-5
383	4.030	.030	3.750	5.700	1.425	11.8	11.0	10.3	-5cc	475	9.000	JE138089	J100F8-4030-5	350 SBC Flat Top -5c	S100S8-4030-5
355	4.030	.030	3.480	5.700	1.560	11.1	10.3	9.6	-5cc	497	9.000	JE138081	J100F8-4030-5	350 SBC Flat Top -5c	S100S8-4030-5
385	4.040	.020	3.750	6.000	1.125	11.9	11.1	10.4	-5cc	419	9.000	JE138094	J100F8-4040-5	350 SBC Flat Top -5c	S100S8-4040-5
360	4.060	.060	3.480	6.000	1.260	11.2	10.4	9.7	-5cc	457	9.000	JE138087	J100F8-4060-5	350 SBC Flat Top -5c	S100S8-4060-5
357	4.040	.040	3.480	6.000	1.260	11.1	10.3	9.6	-5cc	450	9.000	JE138086	J100F8-4040-5	350 SBC Flat Top -5c	S100S8-4040-5
385	4.040	.040	3.750	5.700	1.425	11.9	11.1	10.4	-5cc	483	9.000	JE138090	J100F8-4040-5	350 SBC Flat Top -5c	S100S8-4040-5
357	4.040	.040	3.480	5.700	1.560	11.1	10.3	9.6	-5cc	499	9.000	JE138082	J100F8-4040-5	350 SBC Flat Top -5c	S100S8-4040-5
388	4.060	.060	3.750	6.000	1.125	11.9	11.1	10.4	-5cc	422	9.000	JE138095	J100F8-4060-5	350 SBC Flat Top -5c	S100S8-4060-5
360	4.060	.060	3.480	5.700	1.560	11.2	10.4	9.7	-5cc	516	9.000	JE138083	J100F8-4060-5	350 SBC Flat Top -5c	S100S8-4060-5

SBC 400 FLAT TOP

CUBIC INCH	BORE	OVER SIZE	STROKE	ROD LENGTH	COMP DIST	COMPRESSION RATIO			DOME VOL	GRAMS	DECK HEIGHT	PART #	PREMIUM RING SET	DESCRIPTION	SPORTSMAN RING SET
						5BCC	6/4CC	7/2CC							
395	4.030	.030	3.875	6.000	1.062	12.2	11.4	10.6	-5cc	399	9.000	JE144995	J100F8-4030-5	350 SBC Flat Top -5cc	S100S8-4030-5
407	4.155	.030	3.750	6.000	1.125	12.4	11.6	10.8	-5cc	440	9.000	JE138100	J100F8-4155-5	400 SBC Flat Top -5c	S100S8-4155-5
407	4.155	.030	3.750	5.700	1.425	12.5	11.6	10.8	-5cc	501	9.000	JE138097	J100F8-4155-5	400 SBC Flat Top -5c	S100S8-4155-5
409	4.165	.040	3.750	6.000	1.125	12.5	11.6	10.8	-5cc	441	9.000	JE138101	J100F8-4165-5	400 SBC Flat Top -5c	S100S8-4165-5

BBC - FLAT TOP

CUBIC INCH	BORE	OVER SIZE	STROKE	ROD LENGTH	COMP DIST	COMPRESSION RATIO			DOME VOL	GRAMS	DECK HEIGHT	PART #	PREMIUM RING SET	DESCRIPTION	SPORTSMAN RING SET
						5BCC	6/4CC	7/2CC							
508	4.500	.030	4.000	6.135	1.645	9.7	9.3	8.9	-3cc	678	9.000	139482	J100F8-4500-5	454 BBC Flat Top -3cc	S100F8-4500-5
540	4.500	.030	4.250	6.385	1.270	10.2	9.8	9.4	-3cc	595	9.000	142984	J100F8-4500-5	454 BBC Flat Top -3cc	S100S8-4500-5
496	4.310	.060	4.250	6.385	1.270	9.5	9.1	8.7	-3cc	535	9.000	142980	J100F8-4310-5	454 BBC Flat Top -3cc	S100S8-4310-5
489	4.280	.030	4.250	6.385	1.270	9.4	9.0	8.6	-3cc	520	9.000	142979	J100F8-4280-5	454 BBC Flat Top -3cc	S100S8-4280-5

BBC - SMALL DOME PROFILES

CUBIC INCH	BORE	OVER SIZE	STROKE	ROD LENGTH	COMP DIST	COMPRESSION RATIO			DOME VOL	GRAMS	DECK HEIGHT	PART #	PREMIUM RING SET	DESCRIPTION	SPORTSMAN RING SET
						5BCC	6/4CC	7/2CC							
496	4.310	.060	4.250	6.385	1.270	10.7	10.2	9.7	18cc	558	9.000	JE212157	J100F8-4310-5	454 BBC Dome 18cc	S100S8-4310-5
496	4.310	.060	4.250	6.385	1.270	13.8	12.7	11.8	43cc	596	9.000	JE139832	J100F8-4310-5	454 BBC Dome 43cc	S100S8-4310-5
540	4.500	.030	4.250	6.385	1.270	10.8	10.3	9.9	10cc	601	9.000	JE212161	J100F8-4500-5	454 BBC Dome 10cc	S100S8-4500-5
489	4.280	.030	4.250	6.385	1.270	10.7	10.2	9.7	18cc	545	9.000	JE212156	J100F8-4280-5	454 BBC Dome 18cc	S100S8-4280-5
466	4.310	.060	4.000	6.135	1.645	10.6	10.1	9.6	23cc	630	9.000	JE212136	J100F8-4310-5	454 BBC 10:1 Dome	S100S8-4310-5
466	4.310	.060	4.000	6.135	1.645	13.9	12.9	12.1	48cc	690	9.000	JE139531	J100F8-4310-5	454 BBC Dome 48cc	S100S8-4310-5
460	4.280	.030	4.000	6.135	1.645	10.5	9.9	9.5	23cc	616	9.000	JE212135	J100F8-4280-5	454 BBC 10:1 Dome	S100S8-4280-5
505	4.350	.100	4.250	6.385	1.270	14.0	13.1	12.3	43cc	615	9.000	JE139834	J100F8-4350-5	454 BBC Dome 43cc	S100S8-4350-5
540	4.500	.030	4.250	6.385	1.270	13.9	12.8	12.0	36cc	625	9.000	JE140329	J100F8-4500-5	454 BBC Dome 36cc	S100S8-4500-5

PRO SEAL PISTON RINGS

JE Pistons has been the industry leader in the design, development and manufacturing of forged racing pistons for 60 years. The benefit of that experience, along with the technology and data gathered over the course of those years, has enabled JE to create a product line to compliment our world-class piston designs; JE Pro Seal Pistons Rings. Top teams in NASCAR, ALMS, NHRA, and AMA demand JE Pro Seal Rings for their engines. JE Pro Seal Rings are available for most racing, street, and powersports applications.



RING SETS - 1000 SERIES

PART #	DESCRIPTION	SET NUMBER LOW
4.020	1/16, 1/16, 3/16	J10008-4020-5
4.030	1/16, 1/16, 3/16	J10008-4030-5
4.060	1/16, 1/16, 3/16	J10008-4060-5
4.125	1/16, 1/16, 3/16	J10008-4125-5
4.155	1/16, 1/16, 3/16	J10008-4155-5
4.280	1/16, 1/16, 3/16	J10008-4280-5
4.310	1/16, 1/16, 3/16	J10008-4310-5
4.500	1/16, 1/16, 3/16	J10008-4500-5
4.530	1/16, 1/16, 3/16	J10008-4530-5
4.560	1/16, 1/16, 3/16	J10008-4560-5
4.600	1/16, 1/16, 3/16	J10008-4600-5
4.020	1/16, 1/16, 3/16	J100F8-4020-5
4.030	1/16, 1/16, 3/16	J100F8-4030-5
4.060	1/16, 1/16, 3/16	J100F8-4060-5
4.125	1/16, 1/16, 3/16	J100F8-4125-5
4.155	1/16, 1/16, 3/16	J100F8-4155-5
4.280	1/16, 1/16, 3/16	J100F8-4280-5
4.310	1/16, 1/16, 3/16	J100F8-4310-5
4.500	1/16, 1/16, 3/16	J100F8-4500-5
4.530	1/16, 1/16, 3/16	J100F8-4530-5
4.560	1/16, 1/16, 3/16	J100F8-4560-5
4.600	1/16, 1/16, 3/16	J100F8-4600-5

RING SETS - 7000 SERIES

PART #	DESCRIPTION	SET NUMBER LOW
4.03	.043, .043, 3mm	J70008-4030-5
4.04	.043, .043, 3mm	J70008-4040-5
4.06	.043, .043, 3mm	J70008-4060-5
4.125	.043, .043, 3mm	J70008-4125-5
4.135	.043, .043, 3mm	J70008-4135-5
4.145	.043, .043, 3mm	J70008-4145-5
4.155	.043, .043, 3mm	J70008-4155-5
4.165	.043, .043, 3mm	J70008-4165-5
4.175	.043, .043, 3mm	J70008-4175-5
4.185	.043, .043, 3mm	J70008-4185-5

ACCESS TO COMPLETE PRODUCT LINE AVAILABLE



JE PRO SEAL DIAMETRIC RING CHART

Bore	Bore in mm	TOP RING			SECOND RING			OIL RING			# in Set	Ring Set Part #
		Axial Height	Radial Width	Type	Axial Height	Radial Width	Type	Axial Height	Radial Width	Type		
3.976	100.99	1.0mm	0.150	CNS	1.2mm	0.163	DPE	2.8mm	0.128	CNF	6	JG1006-3976
3.976	100.99	1.2mm	0.155	CUS	1.5mm	0.175	IPA	4.0mm	0.160	CUS	1	XH10100
3.976	100.99	1.2mm	0.154	CUS	1.5mm	0.174	IPA	2.0mm	0.128	CUF	1	XS10100
4.000	101.60	1/16"	0.187	DMB	1/16"	0.187	IPT	3/16"	0.190	CUS	8	J100F8-4000-5
4.000	101.60	1/16"	0.187	DMB	1/16"	0.172	DPE	3/16"	0.150	CUF	8	J10308-4000-5
4.000	101.60	1/16"	0.187	DMB	1/16"	0.172	DPE	3/16"	0.190	CUS	8	J103F8-4000-5
4.000	101.60	1/16"	0.187	DMB	1/16"	0.187	IPT	1/8"	0.184	CUS	8	J130F8-4000-5
4.000	101.60	.043"	0.187	DMB	1/16"	0.187	IPT	3/16"	0.150	CUF	8	J20008-4000-5
4.000	101.60	1/16"	0.187	DMB	1/16"	0.187	IPT	3.0mm	0.152	CUF	8	J30008-4000-5
4.000	101.60	1/16"	0.187	DMB	1/16"	0.187	IPG	3/16"	0.150	CUF	8	J50008-4000-5
4.000	101.60	1/16"	0.187	DMB	1/16"	0.187	IPG	3/16"	0.190	CUS	8	J500F8-4000-5
4.000	101.60	1.5mm	0.160	DMR	1.5mm	0.163	IPC	3.0mm	0.152	CUF	8	J60008-4000-5
4.000	101.60	1.5mm	0.160	DMR	1.5mm	0.165	IPC	3.0mm	0.152	CUF	8	J60D08-4000-5
4.000	101.60	1.5mm	0.160	DMR	1.5mm	0.170	IPE	3.0mm	0.152	CUF	8	J61908-4000-5
4.000	101.60	.043"	0.161	CMK	.043"	0.170	DPE	3.0mm	0.152	CUF	8	J71408-4000-5
4.000	101.60	1.2mm	0.145	CMR	1.5mm	0.170	IPE	3.0mm	0.152	CUF	8	J75008-4000-5
4.000	101.60	1.2mm	0.145	CMR	1.5mm	0.165	IPC	3.0mm	0.152	CUF	8	J75108-4000-5
4.000	101.60	1/16"	0.187	HPB	1/16"	0.187	IPT	3/16"	0.150	CUF	8	J82008-4000-5
4.000	101.60	1/16"	0.187	HPB	1/16"	0.187	IPT	3/16"	0.190	CUS	8	J820F8-4000-5
4.000	101.60	1.2mm	0.145	CMR	1.2mm	0.156	DPE	3.0mm	0.152	CUF	8	J92608-4000-5
4.000	101.60	1.2mm	0.152	SGR	1/16"	0.187	IPT	3.0mm	0.152	CUF	8	J95008-4000-3
4.000	101.60	1.2mm	0.150	CNR	1.5mm	0.170	IPE	3.0mm	0.152	CUF	6	JG3106-4000-7
4.000	101.60	1.2mm	0.150	CNR	1.5mm	0.170	IPE	3.0mm	0.152	CUF	8	JG3108-4000-7
4.000	101.60	1/16"	0.187	DMB	1/16"	0.187	IPT	3/16"	0.150	CUF	8	J10008-4000-5
4.000	101.60	1.2mm	0.150	CNR	1.5mm	0.163	IPC	3.0mm	0.152	CUF	6	JG3406-4000-7
4.000	101.60	1.2mm	0.150	CNR	1.5mm	0.165	IPC	3.0mm	0.152	CUF	8	JG3408-4000-7
4.000	101.60	.043"	0.171	CNR	.043"	0.170	DPE	3.0mm	0.152	CUF	8	JG7708-4000-5
4.010	101.85	1/16"	0.187	DMB	1/16"	0.187	IPT	3/16"	0.190	CUS	8	J100F8-4010-0
4.010	101.85	1/16"	0.187	DMB	1/16"	0.187	IPT	3.0mm	0.152	CUF	8	J30008-4010-0
4.010	101.85	1/16"	0.187	DMB	1/16"	0.187	IPT	3/16"	0.155	CUF	8	J10008-4010-0
4.010	101.85	1.2mm	0.151	CNR	1.5mm	0.170	IPC	3.0mm	0.152	CUF	8	JG3108-4010-4
4.010	101.85	1.2mm	0.151	CNR	1.2mm	0.155	DPE	3.0mm	0.152	CUF	8	JG3308-4010-4
4.016	102.01	1.5mm	0.165	IPA	1.75mm	0.165	IPE	3.0mm	0.150	IPD	6	J660U6-4016
4.016	102.01	1.2mm	0.154	CUS	2 Ring			2.0mm	0.128	CUF	1	JC3401-4016
4.016	102.01	1.0mm	0.150	CNS	1.2mm	0.177	DPE	2.8mm	0.128	CNF	4	JG1004-4016
4.016	102.01	1.2mm	0.155	CUS	1.5mm	0.175	IPA	4.0mm	0.160	CUS	1	XH10200
4.016	102.01	1.2mm	0.155	CUS	1.5mm	0.175	IPA	2.0mm	0.128	CUF	1	XS10200
4.020	102.11	1/16"	0.187	DMB	1/16"	0.187	IPT	3/16"	0.190	CUS	8	J100F8-4020-5
4.020	102.11	1/16"	0.187	DMB	1/16"	0.187	IPT	3.0mm	0.152	CUF	8	J30008-4020-5
4.020	102.11	1/16"	0.187	DMB	1/16"	0.187	IPG	3/16"	0.150	CUF	8	J50008-4020-5
4.020	102.11	1/16"	0.187	DMB	1/16"	0.187	IPG	3/16"	0.190	CUS	8	J500F8-4020-5
4.020	102.11	1.5mm	0.160	DMR	1.5mm	0.170	IPE	3.0mm	0.152	CUF	8	J61908-4020-5
4.020	102.11	.043"	0.160	DMR	.043"	0.165	IPC	3.0mm	0.152	CUF	8	J70008-4020-5
4.020	102.11	1.2mm	0.145	CMR	1.5mm	0.170	IPE	3.0mm	0.152	CUF	8	J75008-4020-5
4.020	102.11	1.2mm	0.146	CMR	1.2mm	0.155	DPE	3.0mm	0.152	CUF	8	J92608-4020-5
4.020	102.11	1/16"	0.187	DMB	1/16"	0.187	IPT	3/16"	0.150	CUF	8	J10008-4020-5
4.020	102.11	1/16"	0.189	DMB	1/16"	0.189	IPT	3/16"	0.192	CUF	8	S100S8-4020-5
4.020	102.11	.043"	0.161	CMK	.043"	0.170	DPE	3.0mm	0.152	CUF	8	J71408-4020-5
4.020	102.11	1.2mm	0.150	CNR	1.5mm	0.170	IPE	3.0mm	0.152	CUF	8	JG3108-4020-2
4.020	102.11	.043"	0.171	CNR	.043"	0.172	DPE	3.0mm	0.152	CUF	8	JG7708-4020-5
4.030	102.36	1/16"	0.187	DMB	1/16"	0.187	IPT	3/16"	0.190	CUS	8	J100F8-4030-5
4.030	102.36	1/16"	0.187	DMB	1/16"	0.174	DPE	3/16"	0.150	CUF	8	J10308-4030-5
4.030	102.36	1/16"	0.187	DMB	1/16"	0.174	DPE	3/16"	0.190	CUS	8	J103F8-4030-5
4.030	102.36	1/16"	0.187	DMB	1/16"	0.187	IPT	1/8"	0.192	CUF	8	J13008-4030-5
4.030	102.36	1/16"	0.187	DMB	1/16"	0.187	IPT	1/8"	0.190	CUS	8	J130F8-4030-5
4.030	102.36	1/16"	0.187	DMB	1/16"	0.187	IPT	3.0mm	0.152	CUF	8	J30008-4030-5
4.030	102.36	1/16"	0.187	DMB	1/16"	0.187	IPT	3.0mm	0.146	CUF	8	J300F8-4030-5
4.030	102.36	1/16"	0.187	DMB	1/16"	0.187	IPG	3/16"	0.150	CUF	8	J50008-4030-5
4.030	102.36	1/16"	0.187	DMB	1/16"	0.187	IPG	3/16"	0.190	CUS	8	J500F8-4030-5

JE PRO SEAL DIAMETRIC RING CHART



Bore	Bore in mm	TOP RING			SECOND RING			OIL RING			# in Set	Ring Set Part #
		Axial Height	Radial Width	Type	Axial Height	Radial Width	Type	Axial Height	Radial Width	Type		
4.030	102.36	1.5mm	0.160	DMR	.043*	0.165	IPC	3.0mm	0.152	CUF	8	J60108-4030-5
4.030	102.36	1.5mm	0.160	DMR	.043*	0.165	IPC	3.0mm	0.146	CUF	8	J601F8-4030-5
4.030	102.36	1.5mm	0.160	DMR	1.5mm	0.170	IPE	3.0mm	0.152	CUF	8	J61908-4030-5
4.030	102.36	.043*	0.161	CMK	.043*	0.170	DPE	3.0mm	0.152	CUF	8	J71408-4030-5
4.030	102.36	.043*	0.161	CMK	.043*	0.170	DPE	3.0mm	0.152	CUF	8	J714F8-4030-5
4.030	102.36	1.2mm	0.145	CMR	1.5mm	0.170	IPE	3.0mm	0.152	CUF	8	J75008-4030-5
4.030	102.36	1.2mm	0.145	CMR	1.5mm	0.170	IPE	3.0mm	0.146	CUF	8	J750F8-4030-5
4.030	102.36	1.2mm	0.145	CMR	1.5mm	0.163	IPC	3.0mm	0.152	CUF	8	J75108-4030-5
4.030	102.36	1/16"	0.187	HPB	1/16"	0.187	IPT	3/16"	0.150	CUF	8	J82008-4030-5
4.030	102.36	1/16"	0.187	HPB	1/16"	0.187	IPT	3/16"	0.190	CUS	8	J820F8-4030-5
4.030	102.36	.043*	0.187	HPB	1/16"	0.187	IPT	3/16"	0.150	CUF	8	J84008-4030-5
4.030	102.36	.043*	0.187	HPB	1/16"	0.187	IPT	3/16"	0.190	CUS	8	J840F8-4030-5
4.030	102.36	1.2mm	0.160	DMR	.043*	0.165	IPC	3.0mm	0.152	CUF	8	J91108-4030-5
4.030	102.36	1.2mm	0.160	DMR	.043*	0.165	IPC	3.0mm	0.146	CUF	8	J911F8-4030-5
4.030	102.36	1.2mm	0.146	CMR	1.2mm	0.155	DPE	3.0mm	0.152	CUF	8	J92608-4030-5
4.030	102.36	1.2mm	0.145	CMR	1.2mm	0.155	DPE	3.0mm	0.146	CUF	8	J926F8-4030-5
4.030	102.36	1.2mm	0.152	SGR	1/16"	0.187	IPT	3.0mm	0.152	CUF	8	J95008-4030-3
4.030	102.36	1.2mm	0.152	SGR	1/16"	0.187	IPT	3.0mm	0.146	CUF	8	J950F8-4030-3
4.030	102.36	1.2mm	0.150	CNR	1.5mm	0.170	IPE	3.0mm	0.146	CUF	6	JG31F6-4030-2
4.030	102.36	1.2mm	0.150	CNR	1.5mm	0.170	IPE	3.0mm	0.146	CUF	8	JG31F8-4030-2
4.030	102.36	1.2mm	0.150	CNR	1.5mm	0.155	IPE	3.0mm	0.152	CUF	8	JG3308-4030-2
4.030	102.36	1/16"	0.187	DMB	1/16"	0.187	IPT	3/16"	0.150	CUF	8	J10008-4030-5
4.030	102.36	1/16"	0.189	DMB	1/16"	0.189	IPT	3/16"	0.192	CUF	8	S100S8-4030-5
4.030	102.36	.043*	0.171	CNR	1/16"	0.187	IPT	3.0mm	0.146	HCUF	8	JG76F8-4030-5
4.030	102.36	.043*	0.171	CNR	.043*	0.170	DPE	3.0mm	0.152	CUF	8	JG7708-4030-5
4.030	102.36	.043*	0.171	CNR	.043*	0.170	DPE	3.0mm	0.146	CUF	8	JG77F8-4030-5
4.040	102.62	1/16"	0.187	DMB	1/16"	0.187	IPT	3/16"	0.190	CUS	8	J100F8-4040-5
4.040	102.62	1/16"	0.187	DMB	1/16"	0.174	DPE	3/16"	0.150	CUF	8	J10308-4040-5
4.040	102.62	1/16"	0.187	DMB	1/16"	0.174	DPE	3/16"	0.190	CUS	8	J103F8-4040-5
4.040	102.62	1/16"	0.187	DMB	1/16"	0.187	IPT	3.0mm	0.152	CUF	8	J30008-4040-5
4.040	102.62	1/16"	0.187	DMB	1/16"	0.187	IPT	3.0mm	0.146	CUF	8	J300F8-4040-5
4.040	102.62	1/16"	0.187	DMB	1/16"	0.187	IPG	3/16"	0.150	CUF	8	J50008-4040-5
4.040	102.62	1/16"	0.187	DMB	1/16"	0.187	IPG	3/16"	0.190	CUS	8	J500F8-4040-5
4.040	102.62	1.5mm	0.160	DMR	1.5mm	0.165	IPC	3.0mm	0.155	CUF	8	J600F8-4040-5
4.040	102.62	1.5mm	0.165	DMR	.043*	0.165	IPC	3.0mm	0.152	CUF	8	J60108-4040-5
4.040	102.62	1.5mm	0.165	DMR	.043*	0.165	IPC	3.0mm	0.146	CUF	8	J601F8-4040-5
4.040	102.62	1.5mm	0.160	DMR	1.5mm	0.165	IPC	3.0mm	0.152	CUF	8	J60D08-4040-5
4.040	102.62	1.5mm	0.160	DMR	1.5mm	0.170	IPE	3.0mm	0.152	CUF	8	J61908-4040-5
4.040	102.62	1.5mm	0.160	DMR	1.5mm	0.163	IPC	3/16"	0.150	CUF	8	J69008-4040-5
4.040	102.62	1.5mm	0.160	DMR	1.5mm	0.163	IPC	3/16"	0.190	CUS	8	J690F8-4040-5
4.040	102.62	.043*	0.161	CMK	.043*	0.170	DPE	3.0mm	0.152	CUF	8	J71408-4040-5
4.040	102.62	.043*	0.161	CMK	.043*	0.170	DPE	3.0mm	0.152	CUF	8	J714F8-4040-5
4.040	102.62	1.2mm	0.145	CMR	1.5mm	0.170	IPE	3.0mm	0.152	CUF	8	J75008-4040-5
4.040	102.62	1.2mm	0.145	CMR	1.5mm	0.170	IPE	3.0mm	0.155	CUF	8	J750F8-4040-5
4.040	102.62	1.2mm	0.145	CMR	1.5mm	0.163	IPC	3.0mm	0.152	CUF	8	J75108-4040-5
4.040	102.62	1/16"	0.187	HPB	1/16"	0.187	IPT	3/16"	0.150	CUF	8	J82008-4040-5
4.040	102.62	1/16"	0.187	HPB	1/16"	0.187	IPT	3/16"	0.190	CUS	8	J820F8-4040-5
4.040	102.62	1.2mm	0.160	DMR	.043*	0.165	IPC	3.0mm	0.152	CUF	8	J91108-4040-5
4.040	102.62	1.2mm	0.160	DMR	.043*	0.165	IPC	3.0mm	0.146	CUF	8	J911F8-4040-5
4.040	102.62	1.2mm	0.146	CMR	1.2mm	0.156	DPE	3.0mm	0.152	CUF	8	J92608-4040-5
4.040	102.62	1.2mm	0.145	CMR	1.2mm	0.146	DPE	3.0mm	0.155	CUF	8	J926F8-4040-5
4.040	102.62	1.2mm	0.150	CNR	1.5mm	0.170	IPE	3.0mm	0.146	CUF	6	JG31F6-4040-2
4.040	102.62	1.2mm	0.150	CNR	1.5mm	0.170	IPE	3.0mm	0.146	CUF	8	JG31F8-4040-2
4.040	102.62	1.2mm	0.150	CNR	1.5mm	0.156	DPE	3.0mm	0.146	CUF	8	JG33F8-4040-2
4.040	102.62	1/16"	0.187	DMB	1/16"	0.187	IPT	3/16"	0.150	CUF	8	J10008-4040-5
4.040	102.62	1/16"	0.190	DMB	1/16"	0.191	IPT	3/16"	0.187	CUF	8	S100S8-4040-5
4.040	102.62	.043*	0.171	CNR	.043*	0.170	DPE	3.0mm	0.152	CUF	8	JG7708-4040-5
4.040	102.62	.043*	0.171	CNR	.043*	0.170	DPE	3.0mm	0.146	HCUF	8	JG77F8-4040-5
4.050	102.87	1.2mm	0.146	CMR	1.2mm	0.156	DPE	3.0mm	0.152	CUF	8	J92608-4050-5
4.060	103.12	1/16"	0.187	DMB	1/16"	0.187	IPT	3/16"	0.190	CUS	8	J100F8-4060-5



JE PRO SEAL DIAMETRIC RING CHART

Bore	Bore in mm	TOP RING			SECOND RING			OIL RING			# in Set	Ring Set Part #
		Axial Height	Radial Width	Type	Axial Height	Radial Width	Type	Axial Height	Radial Width	Type		
4.060	103.12	1/16"	0.187	DMB	1/16"	0.174	DPE	3/16"	0.150	CUF	8	J10308-4060-5
4.060	103.12	1/16"	0.187	DMB	1/16"	0.174	DPE	3/16"	0.190	CUS	8	J103F8-4060-5
4.060	103.12	1/16"	0.187	DMB	1/16"	0.187	IPG	3/16"	0.150	CUS	8	J30008-4060-5
4.060	103.12	1/16"	0.187	DMB	1/16"	0.187	IPG	3/16"	0.190	CUS	8	J50008-4060-5
4.060	103.12	1/16"	0.187	DMB	1/16"	0.187	IPG	3/16"	0.190	CUS	8	J500F8-4060-5
4.060	103.12	.043"	0.160	DMR	1.5mm	0.165	IPC	3.0mm	0.152	CUF	8	J70D08-4060-5
4.060	103.12	.043"	0.161	CMK	.043"	0.170	DPE	3.0mm	0.152	CUF	8	J71408-4060-5
4.060	103.12	.043"	0.161	CMK	.043"	0.170	DPE	3.0mm	0.152	CUF	8	J714F8-4060-5
4.060	103.12	.043"	0.160	DMR	.043"	0.165	IPC	3/16"	0.190	CUS	8	J720F8-4060-5
4.060	103.12	1.2mm	0.145	CMR	1.5mm	0.170	IPE	3.0mm	0.152	CUF	8	J75008-4060-5
4.060	103.12	1.2mm	0.145	CMR	1.5mm	0.170	IPE	3.0mm	0.146	CUF	8	J750F8-4060-5
4.060	103.12	.043"	0.160	DMR	1/16"	0.187	IPG	3/16"	0.152	CUF	8	J76008-4060-5
4.060	103.12	.043"	0.160	DMR	1/16"	0.187	IPG	3/16"	0.146	CUF	8	J760F8-4060-5
4.060	103.12	1/16"	0.187	HPB	1/16"	0.187	IPG	3/16"	0.150	CUF	8	J82008-4060-5
4.060	103.12	1/16"	0.187	HPB	1/16"	0.187	IPG	3/16"	0.190	CUS	8	J820F8-4060-5
4.060	103.12	1.2mm	0.160	DMR	.043"	0.165	IPC	3.0mm	0.152	CUF	8	J91108-4060-5
4.060	103.12	1.2mm	0.160	DMR	.043"	0.165	IPC	3.0mm	0.146	CUF	8	J911F8-4060-5
4.060	103.12	1.2mm	0.146	CMR	1.2mm	0.155	DPE	3.0mm	0.152	CUF	8	J92608-4060-5
4.060	103.12	1/16"	0.187	DMB	1/16"	0.187	IPG	3/16"	0.150	CUF	8	J10008-4060-5
4.060	103.12	1/16"	0.190	DMB	1/16"	0.191	IPG	3/16"	0.187	CUF	8	S100S8-4060-5
4.060	103.12	1.2mm	0.150	CNR	1.5mm	0.170	IPE	3.0mm	0.152	CUF	8	JG3108-4060-0
4.060	103.12	1.2mm	0.150	CNR	1.5mm	0.170	IPE	3.0mm	0.146	CUF	8	JG31F8-4060-0
4.060	103.12	.043"	0.171	CNR	.043"	0.170	DPE	3.0mm	0.152	CUF	8	JG7708-4060-5
4.060	103.12	.043"	0.171	CNR	.043"	0.170	DPE	3.0mm	0.146	HCUF	8	JG77F8-4060-5
4.070	103.38	1/16"	0.189	DMB	1/16"	0.189	IPG	3/16"	0.190	CUS	8	J100F8-4070-5
4.070	103.38	1/16"	0.189	DMB	1/16"	0.189	IPG	3/16"	0.155	CUF	8	J100L8-4070-5
4.070	103.38	1/16"	0.189	DMB	1/16"	0.189	IPG	3.0mm	0.152	CUF	8	J30008-4070-5
4.070	103.38	1.2mm	0.145	CMR	1.2mm	0.155	DPE	3.0mm	0.152	CUF	8	J92608-4070-5
4.070	103.38	1.2mm	0.150	CNR	1.5mm	0.170	IPE	3.0mm	0.152	CUF	8	JG31F8-4070-0
4.075	103.51	1.2mm	0.150	CNR	1.5mm	0.170	IPE	3.0mm	0.152	CUF	8	JG3108-4075-5
4.075	103.51	1.2mm	0.150	CNR	1.5mm	0.175	IPE	3.0mm	0.152	CUF	8	JG31F8-4075-5
4.080	103.63	1/16"	0.189	DMB	1/16"	0.189	IPG	3/16"	0.190	CUS	8	J100F8-4080-5
4.080	103.63	1/16"	0.189	DMB	1/16"	0.189	IPG	3.0mm	0.152	CUF	8	J30008-4080-5
4.080	103.63	1/16"	0.189	DMB	1/16"	0.189	IPG	3/16"	0.150	CUF	8	J50008-4080-5
4.080	103.63	1/16"	0.189	DMB	1/16"	0.189	IPG	3/16"	0.190	CUS	8	J500F8-4080-5
4.080	103.63	1.5mm	0.160	DMR	1.5mm	0.170	IPE	3.0mm	0.152	CUF	8	J61908-4080-5
4.080	103.63	1.2mm	0.145	CMR	1.5mm	0.170	IPE	3.0mm	0.152	CUF	8	J75008-4080-5
4.080	103.63	1.2mm	0.160	DMR	.043"	0.165	IPC	3.0mm	0.152	CUF	8	J91108-4080-5
4.080	103.63	1/16"	0.189	DMB	1/16"	0.189	IPG	3/16"	0.150	CUF	8	J10008-4080-5
4.095	104.01	1/16"	0.191	DMB	1/16"	0.191	IPG	3.0mm	0.152	CUF	8	J30008-4095-5
4.120	104.65	1/16"	0.192	DMB	1/16"	0.193	IPG	3/16"	0.190	CUS	8	J100F8-4120-5
4.120	104.65	1/16"	0.192	DMB	1/16"	0.193	IPG	3.0mm	0.150	CUF	8	J30008-4120-5
4.120	104.65	1/16"	0.192	DMB	1/16"	0.193	IPG	3/16"	0.150	CUF	8	J50008-4120-5
4.120	104.65	1/16"	0.192	DMB	1/16"	0.193	IPG	3/16"	0.190	CUS	8	J500F8-4120-5
4.120	104.65	.043"	0.160	DMR	.043"	0.170	IPC	3.0mm	0.150	CUF	8	J70008-4120-5
4.120	104.65	.043"	0.160	DMR	1.5mm	0.167	IPC	3.0mm	0.150	CUF	8	J70D08-4120-5
4.120	104.65	.043"	0.160	DMR	1.5mm	0.167	IPC	3.0mm	0.150	CUF	8	J70T08-4120-5
4.120	104.65	.043"	0.160	DMR	1.5mm	0.167	IPC	3.0mm	0.155	CUF	8	J70TF8-4120-5
4.120	104.65	1.2mm	0.154	CUS	1.5mm	0.167	IPC	3.0mm	0.150	CUF	8	J91208-4120-3
4.120	104.65	1.2mm	0.154	CUS	1.5mm	0.167	IPC	3.0mm	0.155	CUF	8	J912F8-4120-3
4.120	104.65	1/16"	0.192	DMB	1/16"	0.193	IPG	3/16"	0.150	CUF	8	J10008-4120-5
4.125	104.78	1/16"	0.192	DMB	1/16"	0.193	IPG	3/16"	0.190	CUS	8	J100F8-4125-5
4.125	104.78	1/16"	0.192	DMB	1/16"	0.193	IMT	3/16"	0.150	CUF	8	J10208-4125-5
4.125	104.78	1/16"	0.192	DMB	1/16"	0.176	DPE	3/16"	0.150	CUF	8	J10308-4125-5
4.125	104.78	1/16"	0.192	DMB	1/16"	0.176	DPE	3/16"	0.190	CUS	8	J103F8-4125-5
4.125	104.78	.043"	0.193	DMB	1/16"	0.193	IPG	3/16"	0.150	CUF	8	J20008-4125-5
4.125	104.78	.043"	0.193	DMB	1/16"	0.193	IPG	3/16"	0.190	CUS	8	J200F8-4125-5
4.125	104.78	1/16"	0.192	DMB	1/16"	0.193	IPG	3.0mm	0.150	CUF	8	J30008-4125-5
4.125	104.78	1/16"	0.192	DMB	1/16"	0.193	IPG	3.0mm	0.155	CUF	8	J300F8-4125-5

JE PRO SEAL DIAMETRIC RING CHART



Bore	Bore in mm	TOP RING			SECOND RING			OIL RING			# in Set	Ring Set Part #
		Axial Height	Radial Width	Type	Axial Height	Radial Width	Type	Axial Height	Radial Width	Type		
4.125	104.78	.043"	0.193	DMB	1/16"	0.193	IPT	3.0mm	0.155	CUF	8	J400F8-4125-5
4.125	104.78	1/16"	0.192	DMB	1/16"	0.193	IPG	3/16"	0.150	CUF	8	J50008-4125-5
4.125	104.78	1/16"	0.192	DMB	1/16"	0.193	IPG	3/16"	0.190	CUS	8	J500F8-4125-5
4.125	104.78	1.5mm	0.160	DMR	1.5mm	0.170	IPC	3.0mm	0.152	CUF	8	J60D08-4125-5
4.125	104.78	1.5mm	0.160	DMR	1.5mm	0.170	IPE	3.0mm	0.152	CUF	8	J61908-4125-5
4.125	104.78	1.5mm	0.160	DMR	1.5mm	0.167	IPC	3/16"	0.150	CUF	8	J69008-4125-5
4.125	104.78	1.5mm	0.160	DMR	1.5mm	0.167	IPC	3/16"	0.190	CUS	8	J690F8-4125-5
4.125	104.78	.043"	0.160	DMR	1.5mm	0.170	IPC	3.0mm	0.150	CUF	8	J70D08-4125-5
4.125	104.78	.043"	0.160	DMR	1.5mm	0.167	IPC	3.0mm	0.150	CUF	8	J70T08-4125-5
4.125	104.78	.043"	0.161	CMK	.043"	0.170	DPE	3.0mm	0.152	CUF	8	J71408-4125-5
4.125	104.78	.043"	0.161	CMK	.043"	0.170	DPE	3.0mm	0.152	CUF	8	J714F8-4125-5
4.125	104.78	.043"	0.160	DMR	.043"	0.170	IPC	3/16"	0.150	CUF	8	J72008-4125-5
4.125	104.78	.043"	0.160	DMR	.043"	0.170	IPC	3/16"	0.190	CUS	8	J720F8-4125-5
4.125	104.78	1.2mm	0.145	CMR	1.5mm	0.170	IPE	3.0mm	0.150	CUF	8	J75008-4125-5
4.125	104.78	1.2mm	0.145	CMR	1.5mm	0.170	IPE	3.0mm	0.155	CUF	8	J750F8-4125-5
4.125	104.78	1.2mm	0.145	CMR	1.5mm	0.167	IPC	3.0mm	0.152	CUF	8	J75108-4125-5
4.125	104.78	1.2mm	0.145	CMR	1.5mm	0.170	IPC	3.0mm	0.155	CUF	8	J751F8-4125-5
4.125	104.78	.043"	0.160	DMR	1/16"	0.193	IPT	3/16"	0.150	CUF	8	J76008-4125-5
4.125	104.78	.043"	0.160	DMR	1/16"	0.193	IPT	3/16"	0.155	CUF	8	J760F8-4125-5
4.125	104.78	1/16"	0.192	HPB	1/16"	0.193	IPT	3/16"	0.150	CUF	8	J82008-4125-5
4.125	104.78	1/16"	0.192	HPB	1/16"	0.193	IPT	3/16"	0.190	CUS	8	J820F8-4125-5
4.125	104.78	1.2mm	0.150	CNR	1.2mm	0.156	DPE	3.0mm	0.152	CUF	8	J92308-4125-2
4.125	104.78	1.2mm	0.150	CNR	1.5mm	0.167	IPC	3.0mm	0.150	CUF	8	J925F8-4125-3
4.125	104.78	1.2mm	0.146	CMR	1.2mm	0.156	DPE	3.0mm	0.150	CUF	8	J92608-4125-5
4.125	104.78	1.2mm	0.145	CMR	1.2mm	0.156	DPE	3.0mm	0.155	CUF	8	J926F8-4125-5
4.125	104.78	1.2mm	0.145	CMR	.043"	0.170	IPC	3.0mm	0.155	CUF	8	J941F8-4125-5
4.125	104.78	1.2mm	0.150	CNR	1.5mm	0.170	IPE	3.0mm	0.155	CUF	8	JG31F8-4125-2
4.125	104.78	1.2mm	0.150	CNR	1.5mm	0.156	IPE	3.0mm	0.152	CUF	8	JG3308-4125-2
4.125	104.78	1/16"	0.192	DMB	1/16"	0.193	IPT	3/16"	0.150	CUF	8	J10008-4125-5
4.125	104.78	1/16"	0.193	DMB	1/16"	0.194	IPT	3/16"	0.187	CUF	8	S100S8-4125-5
4.125	104.78	.043"	0.171	CNR	.043"	0.170	DPE	3.0mm	0.150	CUF	8	JG7708-4125-5
4.125	104.78	.043"	0.171	CNR	.043"	0.170	DPE	3.0mm	0.155	CUF	8	JG77F8-4125-5
4.130	104.90	1/16"	0.193	DMB	1/16"	0.193	IPT	3/16"	0.190	CUS	8	J100F8-4130-5
4.130	104.90	1/16"	0.192	DMB	1/16"	0.193	IPT	3.0mm	0.152	CUF	8	J30008-4130-5
4.130	104.90	1/16"	0.193	DMB	1/16"	0.193	IPG	3/16"	0.150	CUF	8	J50008-4130-5
4.130	104.90	1/16"	0.193	DMB	1/16"	0.193	IPG	3/16"	0.190	CUS	8	J500F8-4130-5
4.130	104.90	1.5mm	0.160	DMR	1.5mm	0.167	IPC	3/16"	0.150	CUF	8	J69008-4130-0
4.130	104.90	.043"	0.160	DMR	.043"	0.170	IPC	3.0mm	0.152	CUF	8	J70008-4130-5
4.130	104.90	.043"	0.160	DMR	1.5mm	0.170	IPC	3.0mm	0.152	CUF	8	J70D08-4130-5
4.130	104.90	.043"	0.160	DMR	1.5mm	0.167	IPC	3.0mm	0.152	CUS	8	J70T08-4130-5
4.130	104.90	.043"	0.161	CMK	.043"	0.170	DPE	3.0mm	0.152	CUF	8	J71408-4130-5
4.130	104.90	.043"	0.160	DMR	.043"	0.170	IPC	3/16"	0.150	CUF	8	J72008-4130-5
4.130	104.90	.043"	0.160	DMR	.043"	0.170	IPC	3/16"	0.190	CUS	8	J720F8-4130-5
4.130	104.90	1.2mm	0.145	CMR	1.5mm	0.170	IPE	3.0mm	0.152	CUF	8	J75008-4130-5
4.130	104.90	.043"	0.160	DMR	1/16"	0.193	IPT	3/16"	0.152	CUF	8	J76008-4130-5
4.130	104.90	1/16"	0.193	DMB	1/16"	0.193	IPT	3/16"	0.150	CUF	8	J10008-4130-5
4.130	104.90	.043"	0.171	CNR	.043"	0.177	DPE	3.0mm	0.152	CUF	8	JG7708-4130-5
4.135	105.03	1/16"	0.193	DMB	1/16"	0.193	IPT	3/16"	0.190	CUS	8	J100F8-4135-5
4.135	105.03	1/16"	0.193	DMB	1/16"	0.193	IPT	1/8"	0.185	CUF	8	J13008-4135-5
4.135	105.03	1/16"	0.193	DMB	1/16"	0.193	IPT	3.0mm	0.152	CUF	8	J30008-4135-5
4.135	105.03	1/16"	0.193	DMB	1/16"	0.193	IPT	3.0mm	0.154	CUF	8	J300F8-4135-5
4.135	105.03	1/16"	0.193	DMB	1/16"	0.193	IPG	3/16"	0.150	CUF	8	J50008-4135-5
4.135	105.03	1/16"	0.193	DMB	1/16"	0.193	IPG	3/16"	0.190	CUS	8	J500F8-4135-5
4.135	105.03	.043"	0.160	DMR	1.5mm	0.167	IPC	3.0mm	0.152	CUF	8	J70T08-4135-5
4.135	105.03	.043"	0.160	DMR	1.5mm	0.167	IPC	3.0mm	0.154	CUF	8	J70TF8-4135-5
4.135	105.03	1.2mm	0.145	CMR	1.5mm	0.170	IPE	3.0mm	0.152	CUF	8	J75008-4135-5
4.135	105.03	1.2mm	0.145	CMR	1.5mm	0.170	IPE	3.0mm	0.154	CUF	8	J750F8-4135-5
4.135	105.03	.043"	0.160	DMR	1/16"	0.193	IPT	3/16"	0.152	CUF	8	J76008-4135-5
4.135	105.03	1.2mm	0.154	CUS	1.5mm	0.167	IPC	3.0mm	0.154	CUF	8	J912F8-4135-3
4.135	105.03	1.2mm	0.150	CNR	1.2mm	0.156	DPE	3.0mm	0.152	CUF	8	J92308-4135-2



JE PRO SEAL DIAMETRIC RING CHART

Bore	Bore in mm	TOP RING			SECOND RING			OIL RING			# in Set	Ring Set Part #
		Axial Height	Radial Width	Type	Axial Height	Radial Width	Type	Axial Height	Radial Width	Type		
4.135	105.03	1.2mm	0.145	CMR	1.5mm	0.167	IPC	3/16"	0.150	CUF	8	J96108-4135-5
4.135	105.03	1.2mm	0.150	CNR	1.5mm	0.170	IPE	3.0mm	0.154	CUF	8	JG31F8-4135-2
4.135	105.03	1/16"	0.193	DMB	1/16"	0.193	IPT	3/16"	0.150	CUF	8	J10008-4135-5
4.135	105.03	1.5mm	0.142	CNR	1.5mm	0.170	IPE	3.0mm	0.152	CUF	8	JG6008-4135-5
4.135	105.03	1.5mm	0.142	CNR	1.5mm	0.170	IPE	3.0mm	0.154	CUF	8	JG60F8-4135-5
4.135	105.03	.043"	0.171	CNR	.043"	0.177	DPE	3.0mm	0.152	CUF	8	JG7708-4135-5
4.135	105.03	.043"	0.171	CNR	.043"	0.177	DPE	3.0mm	0.154	CUF	8	JG77F8-4135-5
4.145	105.28	1/16"	0.192	DMB	1/16"	0.193	IPT	3/16"	0.190	CUS	8	J100F8-4145-5
4.145	105.28	1/16"	0.192	DMB	1/16"	0.193	IPT	3.0mm	0.152	CUF	8	J30008-4145-5
4.145	105.28	1/16"	0.192	DMB	1/16"	0.193	IPT	3.0mm	0.155	CUF	8	J300F8-4145-5
4.145	105.28	1/16"	0.192	DMB	1/16"	0.193	IPG	3/16"	0.150	CUF	8	J50008-4145-5
4.145	105.28	1/16"	0.192	DMB	1/16"	0.193	IPG	3/16"	0.190	CUS	8	J500F8-4145-5
4.145	105.28	.043"	0.160	DMR	1.5mm	0.167	IPC	3.0mm	0.152	CUF	8	J70T08-4145-5
4.145	105.28	.043"	0.160	DMR	1.5mm	0.167	IPC	3.0mm	0.155	CUF	8	J70TF8-4145-5
4.145	105.28	.043"	0.161	CMK	.043"	0.170	DPE	3.0mm	0.152	CUF	8	J71408-4145-5
4.145	105.28	.043"	0.161	CMK	.043"	0.170	DPE	3.0mm	0.152	CUF	8	J714F8-4145-5
4.145	105.28	1.2mm	0.145	CMR	1.5mm	0.170	IPE	3.0mm	0.152	CUF	8	J75008-4145-5
4.145	105.28	1.2mm	0.145	CMR	1.5mm	0.170	IPC	3.0mm	0.155	CUF	8	J750F8-4145-5
4.145	105.28	1.2mm	0.145	CMR	1.5mm	0.170	IPC	3.0mm	0.152	CUF	8	J75108-4145-5
4.145	105.28	1.2mm	0.145	CMR	1.5mm	0.167	IPC	3.0mm	0.155	CUF	8	J751F8-4145-5
4.145	105.28	1.2mm	0.162	CUS	1.5mm	0.167	IPC	3.0mm	0.152	CUF	8	J91208-4145-3
4.145	105.28	1.2mm	0.162	CUS	1.5mm	0.167	IPC	3.0mm	0.155	CUF	8	J912F8-4145-3
4.145	105.28	1.2mm	0.145	CMR	1.2mm	0.155	DPE	3.0mm	0.152	CUF	8	J92608-4145-5
4.145	105.28	1.2mm	0.145	CMR	1.2mm	0.155	DPE	3.0mm	0.155	CUF	8	J926F8-4145-5
4.145	105.28	1/16"	0.192	DMB	1/16"	0.193	IPT	3/16"	0.150	CUF	8	J10008-4145-5
4.145	105.28	1/16"	0.195	DMB	1/16"	0.195	IPT	3/16"	0.187	CUF	8	S100S8-4145-5
4.145	105.28	.043"	0.171	CNR	.043"	0.177	DPE	3.0mm	0.152	CUF	8	JG7708-4145-5
4.145	105.28	.043"	0.171	CNR	.043"	0.177	DPE	3.0mm	0.150	CUF	8	JG77F8-4145-5
4.150	105.41	.043"	0.160	DMR	1.5mm	0.167	IPC	3.0mm	0.152	CUF	8	J70T08-4150-5
4.150	105.41	.043"	0.160	DMR	1.5mm	0.167	IPC	3.0mm	0.155	CUF	8	J70TF8-4150-5
4.155	105.54	1/16"	0.192	DMB	1/16"	0.193	IPT	3/16"	0.190	CUS	8	J100F8-4155-5
4.155	105.54	1/16"	0.192	DMB	1/16"	0.178	DPE	3/16"	0.150	CUF	8	J10308-4155-5
4.155	105.54	1/16"	0.192	DMB	1/16"	0.178	DPE	3/16"	0.190	CUS	8	J103F8-4155-5
4.155	105.54	1/16"	0.192	DMB	1/16"	0.193	IPT	3.0mm	0.152	CUF	8	J30008-4155-5
4.155	105.54	1/16"	0.192	DMB	1/16"	0.193	IPT	3.0mm	0.155	CUF	8	J300F8-4155-5
4.155	105.54	1/16"	0.192	DMB	1/16"	0.193	IPG	3/16"	0.150	CUF	8	J50008-4155-5
4.155	105.54	1/16"	0.192	DMB	1/16"	0.193	IPG	3/16"	0.190	CUS	8	J500F8-4155-5
4.155	105.54	1.5mm	0.160	DMR	1.5mm	0.167	IPC	3.0mm	0.152	CUF	8	J60008-4155-0
4.155	105.54	1.5mm	0.160	DMR	1.5mm	0.167	IPC	3.0mm	0.155	CUF	8	J600F8-4155-0
4.155	105.54	1.5mm	0.160	DMR	1.5mm	0.167	IPC	3/16"	0.150	CUF	8	J69008-4155-0
4.155	105.54	1.5mm	0.160	DMR	1.5mm	0.167	IPC	3/16"	0.190	CUS	8	J690F8-4155-0
4.155	105.54	.043"	0.161	CMK	.043"	0.170	DPE	3.0mm	0.152	CUF	8	J71408-4155-5
4.155	105.54	.043"	0.161	CMK	.043"	0.170	DPE	3.0mm	0.152	CUF	8	J714F8-4155-5
4.155	105.54	1.2mm	0.145	CMR	1.5mm	0.170	IPE	3.0mm	0.152	CUF	8	J75008-4155-5
4.155	105.54	1.2mm	0.145	CMR	1.5mm	0.170	IPE	3.0mm	0.155	CUF	8	J750F8-4155-5
4.155	105.54	1.2mm	0.145	CMR	1.5mm	0.167	IPC	3.0mm	0.152	CUF	8	J75108-4155-5
4.155	105.54	1/16"	0.192	HPB	1/16"	0.193	IPT	3/16"	0.150	CUF	8	J82008-4155-5
4.155	105.54	1/16"	0.192	HPB	1/16"	0.193	IPT	3/16"	0.190	CUS	8	J820F8-4155-5
4.155	105.54	1.2mm	0.162	CUS	1.5mm	0.167	IPC	3.0mm	0.152	CUF	8	J91208-4155-3
4.155	105.54	1.2mm	0.162	CUS	1.5mm	0.167	IPC	3.0mm	0.155	CUF	8	J912F8-4155-3
4.155	105.54	1.2mm	0.145	CMR	1.2mm	0.156	DPE	3.0mm	0.152	CUF	8	J92608-4155-5
4.155	105.54	1.2mm	0.145	CMR	1.2mm	0.156	DPE	3.0mm	0.155	CUF	8	J926F8-4155-5
4.155	105.54	1.2mm	0.145	CMR	1.5mm	0.167	IPC	3/16"	0.190	CUS	8	J961F8-4155-5
4.155	105.54	1.2mm	0.150	CNR	1.5mm	0.170	IPE	3.0mm	0.155	CUF	8	JG31F8-4155-3
4.155	105.54	1/16"	0.192	DMB	1/16"	0.193	IPT	3/16"	0.150	CUF	8	J10008-4155-5
4.155	105.54	1/16"	0.195	DMB	1/16"	0.195	IPT	3/16"	0.187	CUF	8	S100S8-4155-5
4.155	105.54	1.2mm	0.150	CNR	1.2mm	0.156	DPE	3.0mm	0.152	CUF	8	JG3308-4155-3
4.155	105.54	.043"	0.171	CNR	.043"	0.170	DPE	3.0mm	0.152	CUF	8	JG7708-4155-5
4.155	105.54	.043"	0.171	CNR	.043"	0.170	DPE	3.0mm	0.155	CUF	8	JG77F8-4155-5
4.165	105.79	1/16"	0.194	DMB	1/16"	0.194	IPT	3/16"	0.190	CUS	8	J100F8-4165-5

JE PRO SEAL DIAMETRIC RING CHART



Bore	Bore in mm	TOP RING			SECOND RING			OIL RING			# in Set	Ring Set Part #
		Axial Height	Radial Width	Type	Axial Height	Radial Width	Type	Axial Height	Radial Width	Type		
4.165	105.79	1/16"	0.194	DMB	1/16"	0.178	DPE	3/16"	0.150	CUF	8	J10308-4165-5
4.165	105.79	1/16"	0.194	DMB	1/16"	0.178	DPE	3/16"	0.190	CUS	8	J103F8-4165-5
4.165	105.79	1/16"	0.194	DMB	1/16"	0.194	IPB	3.0mm	0.152	CUF	8	J30008-4165-5
4.165	105.79	1/16"	0.194	DMB	1/16"	0.194	IPB	3.0mm	0.155	CUF	8	J300F8-4165-5
4.165	105.79	1/16"	0.194	DMB	1/16"	0.194	IPG	3/16"	0.150	CUF	8	J50008-4165-5
4.165	105.79	1/16"	0.194	DMB	1/16"	0.194	IPG	3/16"	0.190	CUS	8	J500F8-4165-5
4.165	105.79	.043"	0.161	CMK	.043"	0.170	DPE	3.0mm	0.152	CUF	8	J71408-4165-5
4.165	105.79	1.2mm	0.145	CMR	1.5mm	0.170	IPE	3.0mm	0.152	CUF	8	J75008-4165-5
4.165	105.79	1.2mm	0.145	CMR	1.5mm	0.170	IPE	3.0mm	0.155	CUF	8	J750F8-4165-5
4.165	105.79	1/16"	0.192	HPB	1/16"	0.194	IPB	3/16"	0.150	CUF	8	J82008-4165-5
4.165	105.79	1/16"	0.192	HPB	1/16"	0.194	IPB	3/16"	0.190	CUS	8	J820F8-4165-5
4.165	105.79	1.2mm	0.145	CMR	.043"	0.170	IPC	3.0mm	0.152	CUF	8	J94108-4165-5
4.165	105.79	1/16"	0.194	DMB	1/16"	0.194	IPB	3/16"	0.150	CUF	8	J10008-4165-5
4.165	105.79	1/16"	0.195	DMB	1/16"	0.195	IPB	3/16"	0.192	CUF	8	S100S8-4165-5
4.165	105.79	.043"	0.171	CNR	.043"	0.140	IPE	3.0mm	0.152	ECUF	8	JG7018-4165-5
4.165	105.79	.043"	0.171	CNR	.043"	0.170	DPE	3.0mm	0.152	CUF	8	JG7708-4165-5
4.165	105.79	.043"	0.171	CNR	.043"	0.170	DPE	3.0mm	0.151	CUF	8	JG77F8-4165-5
4.185	106.30	1/16"	0.192	DMB	1/16"	0.194	IPB	3/16"	0.190	CUS	8	J100F8-4185-5
4.185	106.30	1/16"	0.192	DMB	1/16"	0.178	DPE	3/16"	0.190	CUS	8	J103F8-4185-5
4.185	106.30	1/16"	0.192	DMB	1/16"	0.194	IPB	3.0mm	0.152	CUF	8	J30008-4185-5
4.185	106.30	1/16"	0.192	HPB	1/16"	0.194	IPB	3/16"	0.190	CUS	8	J820F8-4185-5
4.185	106.30	.043"	0.192	HPB	1/16"	0.194	IPB	3/16"	0.190	CUS	8	J840F8-4185-5
4.185	106.30	D017	0.173	DMD	1/16"	0.194	IPB	3/16"	0.190	CUS	8	J880F8-4185-5
4.185	106.30	D017	0.173	DMD	1/16"	0.194	IPB	3/16"	0.197	CUF	8	J880H8-4185-5
4.185	106.30	D017	0.173	DMD	1/16"	0.194	IPB	3/16"	0.190	CUS	8	J890F8-4185-5
4.185	106.30	D017	0.173	DMD	1/16"	0.194	IPB	3/16"	0.197	CUF	8	J890H8-4185-5
4.185	106.30	1.2mm	0.150	CNR	1.5mm	0.170	IPE	3.0mm	0.152	ECUF	8	JG3108-4185-3
4.185	106.30	.043"	0.171	CNR	.043"	0.170	DPE	3.0mm	0.152	CUF	8	JG7708-4185-5
4.190	106.43	.043"	0.163	DMR	.043"	0.163	IPC	3.0mm	0.152	CUF	8	J70008-4190-5
4.210	106.93	1/16"	0.194	DMB	1/16"	0.194	IPB	3/16"	0.190	CUF	8	J100F8-4210-5
4.250	107.95	1/16"	0.198	DMB	1/16"	0.198	IPB	3/16"	0.190	CUS	8	J100F8-4250-5
4.250	107.95	D017	0.173	DMD	1/16"	0.198	IPB	3/16"	0.190	CUS	8	J880F8-4250-5
4.250	107.95	D017	0.173	DMD	1/16"	0.198	IPB	3/16"	0.201	CUF	8	J880H8-4250-5
4.250	107.95	D017	0.173	DMD	1/16"	0.198	IPB	3/16"	0.190	CUS	8	J890F8-4250-5
4.250	107.95	D017	0.173	DMD	1/16"	0.198	IPB	3/16"	0.201	CUF	8	J890H8-4250-5
4.250	107.95	5/64"	0.198	DMB	5/64"	0.198	IPB	3/16"	0.190	CUS	8	JP00F8-4250-5
4.250	107.95	1/16"	0.198	DMB	1/16"	0.198	IPB	3/16"	0.150	CUF	8	J10008-4250-5
4.250	107.95	.043"	0.171	CNR	1/16"	0.215	IPB	3/16"	0.197	CUF	8	JG86L8-4625-5
4.270	108.46	5/64"	0.198	IEB	5/64"	0.198	IPB	3/16"	0.190	CUF	8	JE00F8-4270-0
4.280	108.71	1/16"	0.198	DMB	1/16"	0.198	IPB	3/16"	0.190	CUS	8	J100F8-4280-5
4.280	108.71	1/16"	0.198	HPB	1/16"	0.198	IPB	3/16"	0.150	CUF	8	J82008-4280-5
4.280	108.71	1/16"	0.198	HPB	1/16"	0.198	IPB	3/16"	0.190	CUS	8	J820F8-4280-5
4.280	108.71	5/64"	0.198	IEB	5/64"	0.198	IPB	3/16"	0.190	CUF	8	JE00F8-4280-0
4.280	108.71	5/64"	0.198	DMB	5/64"	0.198	IPB	3/16"	0.150	CUF	8	JP0008-4280-5
4.280	108.71	5/64"	0.198	DMB	5/64"	0.198	IPB	3/16"	0.190	CUS	8	JP00F8-4280-5
4.280	108.71	1/16"	0.198	DMB	1/16"	0.198	IPB	3/16"	0.150	CUF	8	J10008-4280-5
4.280	108.71	1/16"	0.200	DMB	1/16"	0.200	IPB	3/16"	0.200	CUS	8	S100S8-4280-5
4.310	109.47	1/16"	0.198	DMB	1/16"	0.198	IPB	3/16"	0.190	CUS	8	J100F8-4310-5
4.310	109.47	.043"	0.200	DMB	1/16"	0.198	IPB	3/16"	0.150	CUF	8	J20008-4310-5
4.310	109.47	.043"	0.200	DMB	1/16"	0.198	IPB	3/16"	0.190	CUS	8	J200F8-4310-5
4.310	109.47	1/16"	0.198	HPB	1/16"	0.198	IPB	3/16"	0.150	CUF	8	J82008-4310-5
4.310	109.47	1/16"	0.198	HPB	1/16"	0.198	IPB	3/16"	0.190	CUS	8	J820F8-4310-5
4.310	109.47	D017	0.173	DMD	1/16"	0.198	IPB	3/16"	0.190	CUS	8	J890F8-4310-5
4.310	109.47	5/64"	0.198	IEB	5/64"	0.198	IPB	3/16"	0.150	CUF	8	JE0008-4310-0
4.310	109.47	5/64"	0.198	IEB	5/64"	0.198	IPB	3/16"	0.190	CUF	8	JE00F8-4310-0
4.310	109.47	1/16"	0.198	DMB	1/16"	0.198	IPB	3/16"	0.150	CUF	8	J10008-4310-5
4.310	109.47	1/16"	0.202	DMB	1/16"	0.202	IPB	3/16"	0.205	CUF	8	S100S8-4310-5
4.320	109.73	1/16"	0.201	DMB	1/16"	0.201	IPB	3/16"	0.190	CUS	8	J100F8-4320-5
4.320	109.73	5/64"	0.201	IEB	5/64"	0.198	IPB	3/16"	0.190	CUF	8	JE00F8-4320-0
4.320	109.73	1/16"	0.201	DMB	1/16"	0.201	IPB	3/16"	0.150	CUF	8	J10008-4320-5



JE PRO SEAL DIAMETRIC RING CHART

Bore	Bore in mm	TOP RING			SECOND RING			OIL RING			# in Set	Ring Set Part #
		Axial Height	Radial Width	Type	Axial Height	Radial Width	Type	Axial Height	Radial Width	Type		
4.350	110.49	1/16"	0.201	DMB	1/16"	0.201	IPT	3/16"	0.190	CUS	8	J100F8-4350-5
4.350	110.49	1/16"	0.201	DMB	1/16"	0.201	IPT	3/16"	0.150	CUF	8	J10008-4350-5
4.350	110.49	1/16"	0.205	DMB	1/16"	0.205	IPT	3/16"	0.192	CUF	8	S100S8-4350-5
4.360	110.74	1/16"	0.203	DMB	1/16"	0.203	IPT	3/16"	0.190	CUS	8	J100F8-4360-5
4.360	110.74	1/16"	0.203	DMB	1/16"	0.203	IPT	3/16"	0.150	CUF	8	J10008-4360-5
4.375	111.13	1/16"	0.204	DMB	1/16"	0.204	IPT	3/16"	0.190	CUS	8	J100F8-4375-5
4.375	111.13	.043"	0.198	DMB	1/16"	0.204	IPT	3/16"	0.150	CUF	8	J20008-4375-5
4.375	111.13	.043"	0.198	DMB	1/16"	0.204	IPT	3/16"	0.190	CUS	8	J200F8-4375-5
4.375	111.13	D017	0.173	DMD	1/16"	0.204	IPT	3/16"	0.190	CUS	8	J880F8-4375-5
4.375	111.13	D017	0.173	DMD	1/16"	0.204	IPT	3/16"	0.197	CUF	8	J880H8-4375-5
4.375	111.13	D017	0.173	DMD	1/16"	0.204	IPT	3/16"	0.190	CUS	8	J890F8-4375-5
4.375	111.13	D017	0.173	DMD	1/16"	0.204	IPT	3/16"	0.197	CUF	8	J890H8-4375-5
4.375	111.13	1/16"	0.204	DMB	1/16"	0.204	IPT	3/16"	0.150	CUF	8	J10008-4375-5
4.390	111.51	1/16"	0.203	DMB	1/16"	0.203	IPT	3/16"	0.190	CUS	8	J100F8-4390-5
4.390	111.51	1/16"	0.203	DMB	1/16"	0.203	IPT	3/16"	0.150	CUF	8	J10008-4390-5
4.440	112.78	1/16"	0.207	DMB	1/16"	0.207	IPT	3/16"	0.190	CUS	8	J100F8-4440-5
4.440	112.78	.043"	0.207	DMB	1/16"	0.207	IPT	3/16"	0.155	CUF	8	J20008-4440-5
4.440	112.78	.043"	0.207	DMB	1/16"	0.207	IPT	3/16"	0.190	CUS	8	J200F8-4440-5
4.440	112.78	1/16"	0.207	DMB	1/16"	0.207	IPT	3/16"	0.155	CUF	8	J10008-4440-5
4.468	113.49	2.0mm	0.200	DMK	1.5mm	0.200	IPT	4.0mm	0.130	CUF	8	J83008-4468
4.468	113.49	2.0mm	0.200	DMK	5/64"	0.200	IPT	3/16"	0.150	CUF	8	J85008-4468
4.470	113.54	1/16"	0.207	DMB	1/16"	0.208	IPT	3/16"	0.205	CUF	8	J100S8-4470-5
4.500	114.30	1/16"	0.210	DMB	1/16"	0.210	IPT	3/16"	0.190	CUS	8	J100F8-4500-5
4.500	114.30	.043"	0.210	DMB	1/16"	0.210	IPT	3/16"	0.155	CUF	8	J20008-4500-5
4.500	114.30	.043"	0.210	DMB	1/16"	0.210	IPT	3/16"	0.190	CUS	8	J200F8-4500-5
4.500	114.30	1/16"	0.210	DMB	1/16"	0.210	IPT	3.0mm	0.152	CUF	8	J30008-4500-5
4.500	114.30	1/16"	0.210	HPB	1/16"	0.210	IPT	3/16"	0.155	CUF	8	J82008-4500-5
4.500	114.30	1/16"	0.210	HPB	1/16"	0.210	IPT	3/16"	0.190	CUS	8	J820F8-4500-5
4.500	114.30	.043"	0.210	HPB	1/16"	0.210	IPT	3/16"	0.155	CUF	8	J84008-4500-5
4.500	114.30	.043"	0.210	HPB	1/16"	0.210	IPT	3/16"	0.190	CUS	8	J840F8-4500-5
4.500	114.30	D017	0.173	DMD	1/16"	0.210	IPT	3/16"	0.190	CUS	8	J890F8-4500-5
4.500	114.30	1/16"	0.210	DMB	1/16"	0.210	IPT	3/16"	0.155	CUF	8	J10008-4500-5
4.500	114.30	1/16"	0.206	DMB	1/16"	0.206	IPT	3/16"	0.200	CUF	8	S100S8-4500-5
4.500	114.30	.043"	0.171	CNR	.043"	0.170	DPE	3.0mm	0.152	CUF	8	JG7708-4500-5
4.500	114.30	.043"	0.171	CNR	1/16"	0.210	IPT	3/16"	0.155	CUF	8	JG8608-4500-5
4.500	114.30	.043"	0.171	CNR	1/16"	0.210	IPT	3/16"	0.190	CUS	8	JG86F8-4500-5
4.530	115.06	1/16"	0.210	DMB	1/16"	0.210	IPT	3/16"	0.182	CUF	8	J100F8-4530-5
4.530	115.06	.043"	0.210	DMB	1/16"	0.210	IPT	3/16"	0.150	CUF	8	J20008-4530-5
4.530	115.06	.043"	0.210	DMB	1/16"	0.210	IPT	3/16"	0.182	CUS	8	J200F8-4530-5
4.530	115.06	1/16"	0.210	HPB	1/16"	0.210	IPT	3/16"	0.150	CUF	8	J82008-4530-5
4.530	115.06	1/16"	0.210	HPB	1/16"	0.210	IPT	3/16"	0.182	CUF	8	J820F8-4530-5
4.530	115.06	D017	0.173	DMD	1/16"	0.210	IPT	3/16"	0.182	CUS	8	J890F8-4530-5
4.530	115.06	1/16"	0.210	DMB	1/16"	0.210	IPT	3/16"	0.150	CUF	8	J10008-4530-5
4.530	115.06	1/16"	0.206	DMB	1/16"	0.206	IPT	3/16"	0.182	CUF	8	S100S8-4530-5
4.530	115.06	.043"	0.171	CNR	.043"	0.170	DPE	3.0mm	0.150	CUF	8	JG7708-4530-5
4.530	115.06	.043"	0.171	CNR	1/16"	0.210	IPT	3/16"	0.150	CUF	8	JG8608-4530-5
4.530	115.06	.043"	0.171	CNR	1/16"	0.210	IPT	3/16"	0.182	CUF	8	JG86F8-4530-5
4.560	115.82	1/16"	0.212	DMB	1/16"	0.210	IPT	3/16"	0.190	CUS	8	J100H8-4560-5
4.560	115.82	1/16"	0.212	DMB	1/16"	0.210	IPT	3/16"	0.201	CUF	8	J100S8-4560-5
4.560	115.82	.043"	0.212	DMB	1/16"	0.210	IPT	3/16"	0.150	CUF	8	J20008-4560-5
4.560	115.82	1/16"	0.210	HPB	1/16"	0.210	IPT	3/16"	0.190	CUS	8	J820H8-4560-5
4.560	115.82	1/16"	0.212	DMB	1/16"	0.210	IPT	3/16"	0.150	CUF	8	J10008-4560-5
4.560	115.82	1/16"	0.212	DMB	1/16"	0.206	IPT	3/16"	0.200	CUF	8	S100S8-4560-5
4.560	115.82	.043"	0.171	CNR	.043"	0.170	DPE	3.0mm	0.150	CUF	8	JG7708-4560-5
4.560	115.82	.043"	0.171	CNR	1/16"	0.210	IPT	3/16"	0.150	CUF	8	JG8608-4560-5
4.560	115.82	.043"	0.171	CNR	1/16"	0.210	IPT	3/16"	0.197	LCUF	8	JG86F8-4560-5
4.560	115.82	.043"	0.171	CNR	1/16"	0.210	IPT	3/16"	0.190	CUS	8	JG86H8-4560-5
4.580	116.33	1/16"	0.212	DMB	1/16"	0.212	IPT	3/16"	0.190	CUS	8	J100F8-4580-5
4.580	116.33	.043"	0.171	CNR	1/16"	0.216	IPT	3/16"	0.190	CUS	8	JG86F8-4580-5
4.600	116.84	1/16"	0.212	DMB	1/16"	0.212	IPT	3/16"	0.190	CUS	8	J100L8-4600-5

JE PRO SEAL DIAMETRIC RING CHART



Bore	Bore in mm	TOP RING			SECOND RING			OIL RING			# in Set	Ring Set Part #
		Axial Height	Radial Width	Type	Axial Height	Radial Width	Type	Axial Height	Radial Width	Type		
4.600	116.84	1/16"	0.212	DMB	1/16"	0.212	IPT	3/16"	0.201	CUF	8	J100S8-4600-5
4.600	116.84	1/16"	0.212	DMB	1/16"	0.212	IPT	3/16"	0.150	CUF	8	J100U8-4600-5
4.600	116.84	.043"	0.212	DMB	1/16"	0.212	IPT	3/16"	0.150	CUF	8	J200U8-4600-5
4.600	116.84	1/16"	0.212	DMB	1/16"	0.218	IPT	3.0mm	0.149	CUF	8	J300F8-4600-5
4.600	116.84	.043"	0.212	DMB	1/16"	0.212	IPT	3.0mm	0.149	CUF	8	J400F8-4600-5
4.600	116.84	1/16"	0.210	HPB	1/16"	0.212	IPT	3/16"	0.190	CUF	8	J82008-4600-5
4.600	116.84	1/16"	0.210	HPB	1/16"	0.212	IPT	3/16"	0.201	CUF	8	J820S8-4600-5
4.600	116.84	1/16"	0.197	DMB	1/16"	0.206	IPT	3/16"	0.187	CUF	8	S100S8-4600-5
4.600	116.84	.043"	0.171	CNR	1/16"	0.218	IPT	3/16"	0.190	CUS	8	JG71U8-4600-5
4.600	116.84	.043"	0.171	CNR	1/16"	0.218	IPT	3/16"	0.150	CUF	8	JG71U8-4600-5
4.600	116.84	.043"	0.171	CNR	.043"	0.170	DPE	3/16"	0.190	CUS	8	JG73U8-4600-5
4.600	116.84	.043"	0.171	CNR	.043"	0.170	DPE	3/16"	0.150	CUF	8	JG73U8-4600-5
4.600	116.84	.043"	0.171	CNR	.043"	0.170	DPE	3.0mm	0.150	CUF	8	JG7708-4600-5
4.600	116.84	.043"	0.171	CNR	.043"	0.170	DPE	3.0mm	0.150	CUF	8	JG77F8-4600-5
4.600	116.84	.043"	0.171	CNR	1/16"	0.218	IPT	3/16"	0.150	CUF	8	JG8608-4600-5
4.600	116.84	.043"	0.171	CNR	1/16"	0.218	IPT	3/16"	0.197	LCUF	8	JG86F8-4600-5
4.600	116.84	.043"	0.171	CNR	1/16"	0.218	IPT	3/16"	0.190	CUS	8	JG86L8-4600-5
4.600	116.84	.043"	0.171	CNR	1/16"	0.218	IPT	3/16"	0.205	CUF	8	JG86S8-4600-5
4.600	116.84	.043"	0.171	CNR	1/16"	0.218	IPT	3/16"	0.150	CUF	8	JG86U8-4600-5
4.610	117.09	1/16"	0.212	DMB	1/16"	0.212	IPT	3/16"	0.190	CUS	8	J100H8-4610-5
4.610	117.09	.043"	0.171	CNR	.043"	0.210	DPE	3/16"	0.197	CUF	8	JG7308-4610-5
4.610	117.09	.043"	0.171	CNR	.043"	0.210	IPT	3.0mm	0.153	CUF	8	JG7708-4610-5
4.610	117.09	.043"	0.171	CNR	.043"	0.210	IPT	3/16"	0.197	CUF	8	JG8108-4610-5
4.610	117.09	.043"	0.171	CNR	1/16"	0.195	DPE	3/16"	0.190	CUS	8	JG86H8-4610-5
4.610	117.09	.043"	0.171	CNR	1/16"	0.195	DPE	3/16"	0.197	CUF	8	JG86L8-4610-5
4.625	117.48	1/16"	0.215	DMB	1/16"	0.215	IPT	3/16"	0.190	CUS	8	J100F8-4625-5
4.625	117.48	1/16"	0.215	DMB	1/16"	0.215	IPT	3/16"	0.210	CUF	8	J10008-4625-5
4.625	117.48	.043"	0.171	CNR	.043"	0.170	DPE	3/16"	0.197	CUF	8	JG7308-4625-5
4.625	117.48	.043"	0.171	CNR	.043"	0.170	DPE	3/16"	0.190	CUS	8	JG73F8-4625-5
4.625	117.48	.043"	0.171	CNR	.043"	0.170	DPE	3.0mm	0.152	CUF	8	JG7708-4625-5
4.625	117.48	.043"	0.171	CNR	1/16"	0.215	IPT	3/16"	0.190	CUS	8	JG86F8-4625-5
4.600	116.84	1/16"	0.210	HPB	1/16"	0.212	IPT	3/16"	0.190	CUF	8	J82008-4600-5
4.600	116.84	1/16"	0.210	HPB	1/16"	0.212	IPT	3/16"	0.201	CUF	8	J820S8-4600-5
4.600	116.84	1/16"	0.197	DMB	1/16"	0.206	IPT	3/16"	0.187	CUF	8	S100S8-4600-5
4.600	116.84	.043"	0.171	CNR	1/16"	0.218	IPT	3/16"	0.190	CUS	8	JG71U8-4600-5
4.600	116.84	.043"	0.171	CNR	1/16"	0.218	IPT	3/16"	0.150	CUF	8	JG71U8-4600-5
4.600	116.84	.043"	0.171	CNR	.043"	0.170	DPE	3/16"	0.190	CUS	8	JG7308-4600-5
4.600	116.84	.043"	0.171	CNR	.043"	0.170	DPE	3/16"	0.150	CUF	8	JG73U8-4600-5
4.600	116.84	.043"	0.171	CNR	.043"	0.170	DPE	3.0mm	0.150	CUF	8	JG7708-4600-5
4.600	116.84	.043"	0.171	CNR	.043"	0.170	DPE	3.0mm	0.150	CUF	8	JG77F8-4600-5
4.600	116.84	.043"	0.171	CNR	.043"	0.170	DPE	3.0mm	0.150	CUF	8	JG80F8-4600-5
4.600	116.84	.043"	0.171	CNR	1/16"	0.218	IPT	3/16"	0.190	CUS	8	JG86L8-4600-5
4.600	116.84	.043"	0.171	CNR	1/16"	0.218	IPT	3/16"	0.205	CUF	8	JG86S8-4600-5
4.600	116.84	.043"	0.171	CNR	1/16"	0.218	IPT	3/16"	0.150	CUF	8	JG86U8-4600-5
4.610	117.09	1/16"	0.212	DMB	1/16"	0.212	IPT	3/16"	0.190	CUS	8	J100H8-4610-5
4.610	117.09	.043"	0.171	CNR	.043"	0.210	DPE	3/16"	0.197	CUF	8	JG7308-4610-5
4.610	117.09	.043"	0.171	CNR	.043"	0.210	IPT	3.0mm	0.153	CUF	8	JG7708-4610-5
4.610	117.09	.043"	0.171	CNR	.043"	0.210	IPT	3/16"	0.197	CUF	8	JG8108-4610-5
4.610	117.09	.043"	0.171	CNR	1/16"	0.195	DPE	3/16"	0.190	CUS	8	JG86H8-4610-5
4.610	117.09	.043"	0.171	CNR	1/16"	0.195	DPE	3/16"	0.197	CUF	8	JG86L8-4610-5
4.625	117.48	1/16"	0.215	DMB	1/16"	0.215	IPT	3/16"	0.190	CUS	8	J100F8-4625-5
4.625	117.48	1/16"	0.215	DMB	1/16"	0.215	IPT	3/16"	0.210	CUF	8	J10008-4625-5
4.625	117.48	.043"	0.171	CNR	.043"	0.170	DPE	3/16"	0.197	CUF	8	JG7308-4625-5
4.625	117.48	.043"	0.171	CNR	.043"	0.170	DPE	3/16"	0.190	CUS	8	JG73F8-4625-5
4.625	117.48	.043"	0.171	CNR	.043"	0.170	DPE	3.0mm	0.152	CUF	8	JG7708-4625-5
4.625	117.48	.043"	0.171	CNR	1/16"	0.215	IPT	3/16"	0.190	CUS	8	JG86F8-4625-5
4.675	118.75	.043"	0.175	DMR	.043"	0.212	IPT	3.0mm	0.152	CUF	8	J77008-4675-5



ENGINE BEARING SPECIALISTS

ENGINE BEARINGS

Pro Series is for drag race applications requiring a harder than Babbitt top layer material that withstands high loads for short duration. Also, for all other performance applications using nodular cast iron crankshafts such as street/strip and circle track racing. Classic Bimetal Construction with a high strength steel back .002" aluminum bonding layer and .013" tin/silicon/copper in aluminum matrix. Xtreme Performance is for all performance applications using forged steel aftermarket crankshafts and producing high loads for extended periods. Such applications include circle track, off-road and off-shore racing. Classic Trimetal Construction with high strength steel back, .015" copper-lead intermediate, nickel barrier and High Performance .0005" Babbitt overlay.

Gold Performance is for those applications in which traditional high performance trimetal bearings undergo overlay fatigue and failure due to extreme loading for extended periods of time. Unique Trimetal Construction with high strength steel back, .015" copper-lead intermediate surface diffused with hardening element for improved fatigue strength & .0005" proprietary particulate metal matrix composite overlay (non-Babbitt).



Available in Pro Series, Xtreme Performance & Gold Performance

CHRYSLER		
ENGINE	CONROD BEARING SET XP SERIES	CONROD BEARING SET HP SERIES
273i 4.5L OHV 16v V8	KEBCR 805XPN	-
318i 5.2L OHV 16v V8	KEBCR 805XPN	-
340i 5.6L OHV 16v V8	KEBCR 805XPN	-
345i 5.7L OHV 16v V8 Hemi ('03->)	KEBCR 8032XPN	-
350i 5.7L OHV 16v V8	KEBCR 806XPND	KEBCR 806HPND
360i 5.9L OHV 16v V8	KEBCR 805XPN	-
361i 5.9L OHV 16v V8	KEBCR 806XPND	KEBCR 806HPND
370i 6.1L OHV 16v V8 Hemi ('05)	KEBCR 8032XPN	-
383i 6.3L OHV 16v V8	KEBCR 806XPND	KEBCR 806HPND
400i 6.6L OHV 16v V8	KEBCR 806XPND	KEBCR 806HPND
413i 6.7L OHV 16v V8	KEBCR 806XPND	KEBCR 806HPND
426i 7.0L OHV 16v V8 Hemi	KEBCR 806XPND	KEBCR 806HPND
440i 7.2L OHV 16v V8	KEBCR 806XPND	KEBCR 806HPND

FORD		
ENGINE	CONROD BEARING SET XP SERIES	CONROD BEARING SET HP SERIES
260i 4.2L OHV 16v V8	KEBCR 804XPN KEBCR 804XPND	KEBCR 804HPN
4.6L SOHC 16v Cast Iron Block, Romeo Vin W ('91-'10), X ('96-'04), V ('06-'10)	KEBCR 868XPN	KEBCR 868HPN
4.6L SOHC 16v Windsor Vin 6 ('96-'03), W ('93-'10), X ('96-'04)	KEBCR 868XPN	KEBCR 868HPN
4.6L SOHC 24v Aluminum Block Vin 8 ('06-'10), H ('05-'10)	KEBCR 868XPN	KEBCR 868HPN
4.6L DOHC 32v Aluminum Block Win H, R, V, Y ('96-'05)	KEBCR 868XPN	KEBCR 868HPN
289i 4.7L OHV 16v V8	KEBCR 804XPN KEBCR 804XPND	KEBCR 804HPN
302i 5.0L OHV 16v V8 Windsor	KEBCR 804XPN KEBCR 804XPND	KEBCR 804HPN
302i 5.0L DOHC 32v V8 Coyote	KEBCR 868XPN	-
5.4L SOHC 16v Windsor Vin 3 ('99-'04), I ('97-'10), Z ('98-'04)	KEBCR 868XPN	KEBCR 868HPN
5.4L SOHC 24v Windsor Vin 5 ('04-'10), V ('06-'10)	KEBCR 868XPN	KEBCR 868HPN
5.4L DOHC 32v In Tech Windsor Vin A ('99-'02), R ('01-'04)	KEBCR 868XPN	KEBCR 868HPN
351i 5.7L OHV 16v V8 Cleveland	KEBCR 813XPN	-
351i 5.7L OHV 16v V8 Windsor	KEBCR 814XPN	-
377i 6.2L, 408i 6.7L OHV 16v V8 Cleveland Stroker	KEBCR 8005XP	-
429i 7.0L	-	KEBCR 874HP
460i 7.5L	-	KEBCR 874HP

GENERAL MOTORS		
ENGINE	CONROD BEARING SET XP SERIES	CONROD BEARING SET HP SERIES
3.3L 12v 200 V6	KEBCR 6618XP	-
3.8L 12v 229 V6	KEBCR 6618XP	-
265i, 283i, 302i, 327i, OHV 16v V8 ('55-'67)	KEBCR 803XPN KEBCR 803XPND	KEBCR 803HPN
262i, 265i, 267i, 302i, 305i, 307i, 327i, 350i OHV 16v V8 Small Block '968-'96)	KEBCR 807XPN KEBCR 807XPND	KEBCR 807HPN KEBCR 807HPND
LS series 4.8L	KEBCR 807XPN KEBCR 807XPND	KEBCR 807HPN KEBCR 807HPND
OHV 16v Vortec 5.3L OHV	***	***
16v Vortec 5.7L OHV 16v	***	***
6.0L OHV 16v (also Vortec) 6.2L	***	***
OHV 16v (also Vortec)	***	***
400i OHV 16v V8 Small Block	KEBCR 807XPN KEBCR 807XPND	KEBCR 807HPN KEBCR 807HPND
366i, 396i, 402i, 427i, 454i OHV 16v V8 Big Block	KEBCR 808XPN KEBCR 808XPND	KEBCR 808HPN KEBCR 808HPND

King HP & XP race bearings have already led to new records on the race track. King's ability to meet the continuously changing and challenging demands of the racing industry with our unique materials and geometric features are a testament to the quality and reliability of our bearings, and reinforces our commitment to developing the ultimate race bearings. The King Racing line contains Sport Compact and Domestic engine bearings. Equipped with advanced materials and construction techniques, King Racing bearings extend the limits of power, performance and durability.



MAIN BEARING SET XP SERIES	MAIN BEARING SET HD SERIES	CAM BEARING SET
KEBMB 558XP	-	KEBCS 512HP
KEBMB 558XP	-	KEBCS 512HP
KEBMB 558XP	-	KEBCS 512HP
KEBMB5659XP	-	-
-	-	-
-	-	-
-	-	-
KEBMB 5659XP	-	-
-	-	-
-	-	-
KEBMB 5116XP	KEBMB 5116HP	KEBCS 533HP
KEBMB 5116XP	KEBMB 5116HP	-

MAIN BEARING SET XP SERIES	MAIN BEARING SET HD SERIES	CAM BEARING SET
KEBMB 529XP	KEBMB 529HP	KEBCS 514HP KEBCS514HPT
KEBMB 5353XP	KEBMB 5353HP	KEBCS 604BB
KEBMB 5280XP	KEBMB 5280HP	KEBCS 604BB
KEBMB 5283XP	KEBMB 5283HP	KEBCS 604BB
KEBMB 5283XP	KEBMB 5283HP	KEBCS 605BB (DOHC - '96) CS 606BB ('96)
KEBMB 529XP	KEBMB 529HP	KEBCS 514HP KEBCS 514HPT
KEBMB 529XP	KEBMB 529HP	KEBCS 514HP KEBCS 514HPT
KEBMB 5734XP	-	KEBCS 516HP
KEBMB 5280XP	KEBMB 5280HP	-
KEBMB 5280XP	KEBMB 5280HP	-
KEBMB 5280XP	KEBMB 5280HP	-
KEBMB5503XP	-	KEBCS 516HP
KEBMB5505XP ('77-'98)	-	KEBCS 514HP KEBCS 514HPT
KEBMB 5503XP	-	-
KEBMB 5650XP	KEBMB 5650HP	KEBCS 517HP KEBCS 517HPT
KEBMB 5650XP	KEBMB 5650HP	KEBCS 517HP KEBCS 517HPT

MAIN BEARING SET XP SERIES	MAIN BEARING SET HD SERIES	CAM BEARING SET
-	-	-
-	-	-
KEBMB 554XP	-	KEBCS 507HP KEBCS 507HPT
KEBMB 557XP	KEBMB 557HP	KEBCS 507HP KEBCS 507HPT
KEBMB 5013XP	-	-
***	-	KEBCS 5510HP ('03-'10)
***	-	KEBCS 5510HPT ('03-'10)
***	-	KEBCS 5503HP ('97-'02)
***	-	KEBCS 5503HPT ('97-'02)
KEBMB 509XP	KEB MB 509HP (3/4 grooved)	KEBCS 507HP KEBCS 507HPT
KEBMB 556XP	KEBMB 556HP	KEBCS 524HP KEBCS 524HPT

ACCESS TO COMPLETE PRODUCT LINE AVAILABLE



TECHNOLOGIES

CRANKSHAFTS

- Manufactured from forged or billet premium 4340 steel
- Engineered specifically for high-stress racing applications
- Nitrided for improved strength and bearing life
- Large fillet radii for improved strength
- Straight hole oiling system for improved lubrication
- Size tolerances held to +/- .0001".



PART #	DESCRIPTION	WEIGHT
K1350-3480BB6F-RN	350 Crank 3.480" Stroke w/Rounded Nose	50lb
K1400-3750CB6F	400 Crank 3.750" Stroke	54lb
K1346-3622RB6F-24	346 Crank 3.622" Stroke	51lb
K1346-4000RB6F-24	346 Crank 4.000" Stroke	52lb
K1350-3875BB6F	Chevy 350 Forged Crank 3.875" Stroke, 3.875", 350, 2.100", 6 Bolt	-
K1350-3500BB6F	350 Crank 3.500" Stroke	53lb
K1351-3500HB6F-RN	3.500" Stroke w/Rounded Nose & Trailing Edges - Legal	50lb
K1400-3500CB6F	400 Crank 3.500" Stroke	54lb

CONNECTING RODS

- Billet 4340 Steel H-Beam Design
- Designed by in-house engineering team for high-stress racing applications
- All rods are finished in the USA and held to very tight tolerances. Bores finished to +/- .0001" and weight to +/- 1 gram per end.
- Shot peened for improved fatigue life
- Premium bronze wrist pin bushings
- High Quality ARP 2000 Fasteners included



PART #	DESCRIPTION	WEIGHT
K1CH6250ALLB-L8-A	6.250" Bushed H-Beam	507g
K1CH6000ALLB-L8-A	6.000" SB Bushed H-Beam	500g
K1CH6000ALLB8-A	6.000" SB Bushed H-Beam 640GR W/ARP2000 Bolt	-
K1CH5700ALLB-L8-A	5.700" SB Bushed H-Beam	492g
K1CH6000AHLB8-A	6.000" SB Bushed H-Beam	633g
K1CH6125AHLB8-A	6.125" SB Bushed H-Beam	636g
K1CH6125ALLB-L8-A	6.125" SB Bushed H-Beam	503g
K1CH6200ALLB8-A	6.200" SB Bushed H-Beam	653g
K1CH6000ALLB8	6.000" SB Bushed H-Beam	640g
K1CH6135APRB8-A	6.135" BB Bushed H-Beam	727g
K1DH6221ANLB10-A	Viper V10 Rod Gen III	-
K1SH5180AJJB4	5.180" EJ25 H-Beam	547g
K1ZH5927AJ-AFBA	Rod Set Duratek 2.3 Turbo 22.5mm Pin	-
K1CH6125ALLB-LSL8-A	6.125" LS1 Bushed H-Beam	611g
K1CH6385APRB8-A	6.385" BB Bushed H-Beam	740g
K1CH6535APRB8	6.535" BB Bushed H-Beam	749g
K1CH6700APRB8	6.700" BB Bushed H-Beam	781g
K1FH5933AMGB8-A	5.933" 4.6L Modular H-Beam	596g
K1NH4783AEFB6-A	4.783" RB25 H-Beam	498g
K1SH5180AJJB-A	5.180" Rod Set Subaru EJ25	-



ACCESS TO COMPLETE PRODUCT LINE AVAILABLE

K&N has filters for racing, off-road vehicles, vehicles with carburetors, fuel injection lines, and more. K&N air filters are designed to improve performance, they look great, and are washable and reusable.

14" DIA. DROP BASE AIR CLEANER ASSEMBLIES-CHROME

Low profile race ready air cleaners drop air filter 7/8" or 1-1/4" below carburetor flange and fit carburetors with 5-1/8" necks. High flow, 14" element, base and top lid are included.

PART #	DESCRIPTION	DROP BASE	ELEMENT HEIGHT	TOTAL HEIGHT
KNE60-1280	14" Dia. Chrome Assembly	1-1/4"	3"	2-3/4"
KNE60-1290	14" Dia. Chrome Assembly	1-1/4"	4"	3-3/4"
KNE60-1300	14" Dia. Chrome Assembly	1-1/4"	5"	4-3/4"
KNE60-1310	14" Dia. Chrome Assembly	1-1/4"	6"	5-3/4"
KNE60-1430	14" Dia. Chrome Assembly	7/8"	3"	3-1/8"
KNE60-1440	14" Dia. Chrome Assembly	7/8"	4"	4-1/8"

14" DIA. RAISED BASE AIR CLEANER ASSEMBLIES-CHROME

High flow 14" diameter element, base and top are included. The filter element is elevated 9/16" above carburetor flange for GM HEI clearance.

PART #	DESCRIPTION	RAISED BASE	ELEMENT HEIGHT	TOTAL HEIGHT
KNE60-1264	14" Dia. Chrome Assembly	9/16"	3"	4-5/8"
KNE60-1260	14" Dia. Chrome Assembly	9/16"	4"	5-5/8"
KNE60-1270	14" Dia. Chrome Assembly	9/16"	5"	6-5/8"

X-STREAM AIR CLEANER ASSEMBLIES

High flow air filter elements and steel bases are topped by the X-Stream Air Flow Top Plate to boost horsepower and torque. Assemblies fit most popular carburetors with 5-1/8" diameter neck.

PART #	DESCRIPTION	DROP BASE	ELEMENT HEIGHT	TOTAL HEIGHT
KNE66-3040	14" Dia. X-Stream Assembly	1-1/4"	3"	2-3/4"
KNE66-3070	14" Dia. X-Stream Assembly	1-1/4"	5"	4-3/4"

X-STREAM AIR FLOW TOP PLATE

Filter/plate replaces standard 14" air cleaner top plate to increase airflow for horsepower and torque gains. The perfect companion to the K&N Air Filter Element.

PART #	DESCRIPTION
KNE66-1401	X-Stream Air Flow Top Plate

AIR CLEANER ASSEMBLIES

Flow Control provides increased air flow and horsepower.

PART #	DESCRIPTION
KNE61-2000	2BBL Holley, 14" x 4" w/Choke Tower
KNE61-2010	2BBL Holley, 14" x 4.5" w/Choke Tower
KNE61-2020	2BBL Holley, 14" x 4" w/o Choke Tower
KNE61-2040	2BBL Rochester, 14" x 4.5"
KNE61-4000	4 BBL Holley, 14" x 4" w/o Choke Tower
KNE61-4010	4BBL Holley, 14" x 4.5" w/o Choke Tower
KNE61-4020	4 BBL Holley 390-800 CFM, 14" x 4" w/Choke Tower

FILTER ELEMENTS

K&N Filter Charger replacement elements improve air flow and are not affected by moisture or mist. When dirty, they can be cleaned with K&N Filter Cleaner and reused.

PART #	DESCRIPTION	PART #	DESCRIPTION
KNEE1650	3" Tall x 14" Diameter	KNEE3750	4" Tall x 14" Diameter
KNEE3025R	3.75" Tall x 16" Diameter	KNEE3760	5" Tall x 14" Diameter
KNEE3027R	3.00" Tall x 14" Diameter	KNEE3770	6" Tall x 14" Diameter
KNEE3031R	4" Tall x 14" Diameter	KNEE3804	3-1/2" Tall x 16" Diameter
KNEE3743	3" Tall x 14" Diameter	KNEE3806	4" Tall x 16" Diameter
KNEE3745	3-1/2" Tall x 14" Diameter		



KNE60-1280



KNE66-3070



KNE66-1401



KNE61-4000



KNEE3770

AIR FILTER OIL & CLEANER

K&N Air Filter Oil is formulated for superior air filtration when used with K&N filters. The cleaner will clean K&N filter elements and is biodegradable.

PART #	DESCRIPTION
KNE99-5000	Recharger Kit (6.5oz. Oil and 12oz. Cleaner)
KNE99-5050	Recharger Kit (8oz. Oil and 12oz. Cleaner)
KNE99-0504	6oz. Air Filter Oil, Aerosol
KNE99-0516	12oz. Air Filter Oil, Aerosol
KNE99-0533	8oz. Air Filter Oil, Squeeze Bottle
KNE99-0606	12oz. Air Filter Cleaner, Squirt
KNE99-0621	32oz. Air Filter Cleaner, Squirt
KNE99-0635	1 Gallon Air Filter Cleaner

AIRFORCE PRE-CLEANERS

K&N has struck back with the ultimate dirt defense for the dirt racers out there. The Airforce Pre-Cleaners are large, open-cell foam wraps that fit around the air cleaner, trapping dirt and keeping racing engines clean.

PART #	DESCRIPTION
KNE25-3750	14" O.D. Air Cleaner Assemblies Up to 4" Height
KNE25-3760	14" O.D. Air Cleaner Assemblies 5" Heights
KNE25-3770	14" O.D. Air Cleaner Assemblies 6" Height
KNE25-3900	Universal cut to fit, w/Velcro Strips (7" wide x 48" long)



KNE99-5000



KNE25-3750

RUBBER BASE VENT FILTERS

Filter clamp to metal or plastic for use on engines, transmissions and rear ends. Vents have chrome tops & include clamps.

PART #	DESCRIPTION	FLANGE I.D.	O.D.	HEIGHT	SHIELD
KNE62-1320	Trans/Rear End	3/8"	2"	1-1/2"	No
KNE62-1330	Trans/Rear End	1/2"	2"	1-1/2"	No
KNE62-1340	Trans/Rear End	5/8"	2"	1-1/2"	No
KNE62-1360	Trans/Rear End	3/4"	2"	1-1/2"	No
KNE62-1370	Trans/Rear End	1"	2"	1-1/2"	No
KNE62-1390	Trans/Rear End	1-1/4"	3"	2-1/2"	No
KNE62-1420	Trans/Rear End	1"	3"	2-1/4"	No
KNE62-1440	Crankcase	1-3/8"	3"	2-1/2"	No
KNE62-1460	Crankcase	1-1/2"	3"	2-1/2"	No
KNE62-1490	Valve Cover	1-1/4"	3"	2-1/2"	No
KNE62-1511	Valve Cover	1"	3"	2-1/2"	Yes
KNE62-1512	Valve Cover	1-1/4"	3"	2-1/2"	Yes
KNE62-1513	Valve Cover	1-3/8"	3"	2-1/2"	Yes
KNE62-1514	Valve Cover	1-1/2"	3"	2-1/2"	Yes
KNE62-1515	Valve Cover	1-3/4"	3"	2-1/2"	Yes
KNE62-1516	Valve Cover	1-1/4"	3"	2-1/2"	Yes
KNE62-2470	Trans/Rear End	5/16"	1-3/8"	1-1/8"	No
KNE62-2480	Trans/Rear End	9/16"	1-3/8"	1-1/8"	No



KNE62-1490



KNE62-1511

STEEL BASE VENT FILTERS

Crankcase vent filters, with vent tubes swaged into base, press into vent hoses or grommets. Filters with mounting studs are ideal for remote mounting.

PART #	DESCRIPTION	VENT HOSE I.D.	FILTER O.D.	HEIGHT
KNE62-1000	Fuel Cell/Rear End -8AN	3/8"	2"	1-1/2"
KNE62-1010	Fuel Cell/Rear End -10AN	1/2"	2"	1-1/2"
KNE62-1020	Fuel Cell/Rear End, 5/8" Hose	5/8"	2"	1-1/2"
KNE62-1030	Fuel Cell/Rear End, 3/4" Hose	3/4"	2"	1-1/2"
KNE62-1040	Fuel Cell/Rear End, 1" Hose	1"	2"	1-1/2"
KNE62-1090	Fuel Cell/Rear End	3/8"	2"	1-1/2"
KNE62-1100	Fuel Cell/Rear End	1/2"	2"	1-1/2"
KNE62-1110	Fuel Cell/Rear End	5/8"	2"	1-1/2"
KNE62-1160	Fuel Cell/Rear End	3/4"	3"	2"
KNE62-1170	Fuel Cell/Rear End	1"	3"	2"
KNE62-1519	Valve Cover, Push-IN	3/4"	3"	2-1/2"
KNE62-1520	Valve Cover, Push-IN	1"	3"	2-1/2"



KNE62-1110

ACCESS TO COMPLETE PRODUCT LINE AVAILABLE

HIGH PERFORMANCE MOTOR OILS

0w-5, 0W-10, SAE 0w-20, SAE 0w-30, SAE 10W-30, Synthetic SAE 20W-50, Semi Synthetic SAE 20W-50, SAE 20W-50 Lucas Racing Only Motor Oils are purpose built products designed for the high performance racing industry. They are blended with an exclusive additive package that includes lubricity agents and anti-seize agents that control drag like a zero weight oil and protect metal like a heavy multi-viscosity oil. It is perfect for high RPM & high horsepower engines.

FEATURES

- High zinc fortified
- Higher lubricity for faster acceleration
- Protects against oil cavitation (foaming); a must for high RPM engines
- Perfect for flat tappet cams

(Syn SAE 20W-50) Typical use: Sprint Cars, Modifieds, Late Model Dirt & Asphalt, NHRA, IHRA, Sportsman Drag Racing, Alcohol Funny Cars, Super Comp, Off Road, Pro 2 & 4, Trophy Trucks, Air Cooled, Volkswagen Buggies and Hot Rods

(Syn SAE 10W-30) Typical use: NASCAR, Late Model, Super Late Model, ARCA, Modifieds, Sprint Cars, Midgets, NHRA; Stock, Super Stock, Comp, Super Comp

Available in 1qt., 5 qt., 2.5 gal and 5 gallon

PART #	DESCRIPTION
LO10306	Semi-SYN SAE 20W-50 Race Oil, 1qt. (Case of 6)
LO10610	SYN SAE 10W-30 Racing Motor Oil, 1qt. (Case of 6)
LO10615	SYN SAE 20W-50 Racing Motor Oil, 1qt. (Case of 6)
LO10620	SAE 20W-50 Racing Motor Oil, 1qt. (Case of 6)

SEMI-SYNTHETIC ATF SURE SHIFT

SURE-SHIFT resist thinning and foaming at high temperatures.

Lucas Semi-Synthetic ATF SURE-SHIFT was designed especially for high performance drag racing transmissions. It is formulated with extra detergents and a special Lucas Additive Package that guarantees longer component life and longer fluid life.

Available: 1 qt., and 5 gal.

PART #	DESCRIPTION
LO10052	Sure-Shift Semi-SYN ATF - 1qt. (Case of 6)

HOT ROD & CLASSIC HIGH PERFORMANCE MOTOR OILS

Lucas Hot Rod & Classic Car Motor Oil SAE 10W-40 and 20W-50 are manufactured with the highest quality paraffinic base oils and is fortified with a unique additive package containing high levels of zinc, molybdenum and phosphorus, which provides a tougher, thicker additive film for maximum protection even under the most severe conditions.

PART #	DESCRIPTION
LO10683	Hot Rod-Classic Car 10W-40, 5qt. (Case of 3)
LO10684	Hot Rod-Classic Car 20W-50, 5qt. (Case of 3)

BREAK-IN OILS

SAE 20, SAE 30, SAE 20W-50

The initial start up of a new engine is critical to its performance and life expectancy. How well and how fast the rings will seal could make the difference between winning and losing. Contains high levels of zinc, phosphorous and special Lucas additives. Compatible with Ethanol, Methanol and high octane race gas. Excellent for use on flat tappet camshaft break-in.

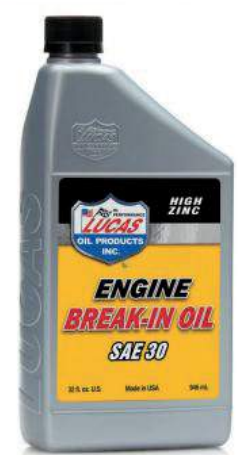
Available in 1qt., 5 qt., 2.5 gal and 5 gallon

PART #	DESCRIPTION
LO10630	SAE 30 Break-In Oil, 1qt. (Case of 6)
LO10632	SAE 30 Break-In Oil, 2.5gal.
LO10635	SAE 20W-50 Break-In Oil, 1qt. (Case of 6)

PURE SYNTHETIC GEAR OILS

Lucas Pure Synthetic Gear Oils are super-slick, long lasting lubricants designed especially for heavy duty or high performance applications where regular gear lubricants just aren't good enough. Designed to stand up to high temperatures without losing its lubricity. Excellent for use in limited slip differentials.

PART #	DESCRIPTION
LO10047	SYN SAE 75W-90 Trans/Diff, 1qt. (Case of 12)
LO10121	SYN SAE 75W-140 Trans/Diff, 1qt. (Case of 12)
LO10443	CAT TO-4 Trans Drive Trail, 5gal. (1 Pail)





UPPER CYLINDER LUBRICANT FUEL TREATMENT

This fuel treatment is formulated for gasoline, diesel and LPG engines. It contains no harmful solvents or alcohol. It is a blend of heat resistant, super slick oils and additives with a high detergent action that cleans and lubricates the fuel system. It also causes the fuel to burn more efficiently for greater fuel economy and fewer emissions.

PART #	DESCRIPTION
LO10003	Fuel Treatment, 1qt. (Case of 12)
LO10013	Fuel Treatment, 1gal. (Case of 4)
LO10020	Fuel Treatment, 5.25oz. (Case of 24)

ASSEMBLY LUBE

Lucas Assembly Lube is designed to be used as an initial lubricant to metal surfaces. It mixes with any oil and will not plug filters. This product clings to all surfaces and is an excellent rust inhibitor; allowing long-term storage for all parts.

PART #	DESCRIPTION
LO10153	Assembly Lube, 8oz. (Case of 12)

ENGINE BREAK-IN ADDITIVES

Specially formulated to protect camshaft lifters and valve train during break-in period of any motor, especially flat tappet camshafts.

PART #	DESCRIPTION
LO10063	Engine Break In Additive, 16oz. (Case of 12)

SLICK MIST SPEED WAX

Slick Mist Speed Wax is a fast and easy wax that is great for shining cars, motorcycles, ATV's, trucks, boats and airplanes. It helps keep mud, bugs and tar from sticking to your vehicle. Can be easily used in direct sunshine and wet or dry surfaces.

PART #	DESCRIPTION
LO10160	Slick Mist, 24oz. (Case of 12)

SLICK MIST INTERIOR DETAILER

Slick Mist Interior Detailer is a water based, pH neutral product that restores interiors to look like new. It can be used on rubber, plastic, leather and vinyl. Our unique formula is applied easily and does not leave a heavy oil residue like other products.

PART #	DESCRIPTION
LO10514	Slick Mist Interior Detail, 24oz. (Case of 6)

HEAVY DUTY OIL STABILIZER

Lucas Heavy Duty Oil Stabilizer eliminates dry starts and resists thermal breakdown for total protection in new engines. It raises oil pressure, adds lubricity, lowers oil temperatures and stops leaks. It also extends oil life by at least 50%. Use it in any manual transmission or differential to stop wear, leaks, heat, noise and hard shifting.

Available in 1 Qt.

PART #	DESCRIPTION
LO10001	H/D Oil Stabilizer, 1qt. (Case of 12)



ACCESS TO COMPLETE PRODUCT LINE AVAILABLE



MAHLE

CLEVITE®

BEARINGS

The primary function of a bearing is to support the moving parts while absorbing and transferring occurring forces. But modern engines demand more than that. Load capacity must be improved and wear and friction must be lowered in order to meet the current and future requirements for CO2 reduction. Stop-start or hybrid systems present a special challenge as the combustion engine is frequently switched on and off. Especially during the starting process, the bearings run through the range of mixed friction and must withstand particularly high loads.

P-SERIES BEARINGS

P Series parts are the oldest series of Clevite high performance bearings. Most P-Series main sets are full grooved to maximize oil flow to the rod bearings. Both rods and mains have high crush for maximum retention, and a reduced overlay thickness to prevent overlay fatigue, sometimes referred to as hen tracking. Use the P-Series mains where higher eccentricity is desired to narrow bearing contact patterns and to provide increased oiling to rod bearings.

H-SERIES BEARINGS

H-Series bearings have a medium level of eccentricity, high crush, and rod bearings have a hardened steel back and thin overlay. These bearings also have enlarged chamfers for greater crankshaft fillet clearance and are made without flash plating for better seating. Use H-Series bearings with crankshafts that have oversize fillets and where engines run in the medium to high RPM range.

MAIN BEARING SETS

PART #	DESCRIPTION
MICMB3829V	SBC Single Main Bearing w/2.017 JNL & 2.25 Housing
MICMB3249ML9	Chrysler B/RB Series Lower Only Set of 9
MICMB1769HX	SBC using 283 Crankshaft (Extra Clearance)
MICMS2199H-1	SBC LS-1/6 (.001) 99-11
MICMS1010H	SBF 351C-351CJ (STD) 69-74
MICMS909H-1	SBC 262-350 (.001) 67-96
MICMS1010HX	SBF 351C-351CJ (Extra Clearance) 69-74
MICMS1038H	SBC 400 (STD, .001, .010) 70-80
MICMS1038H-1	Main Bearing Set
MICMS1038H-10	Main Bearing Set
MICMS1038HX	SBC 400 (Extra Clearance) 70-80
MICMS1039H	BBF 370-429-460 (STD) 68-91
MICMS1039HX	BBF 370-429-460 (Extra Clearance) 68-91
MICMS1039V	BBF 370-429-460 (STD) 68-91
MICMS1110H	SBC 350 using 283-327 Crank (STD, .001)
MICMS1110H-1	Main Bearing Set
MICMS1117P-25mm	Ford 4cyl 140-197 (.25mm Undersized)
MICMS1795V	BB Chrysler 426 (STD) 63-71
MICMS2095HX	Honda L4/L4 B/L4 VTEC/L4 i-VTEC (Extra Clearance)
MICMS2199H	SBC VORTEC 294-376 (STD) 97-11
MICMS2199HX	SBC VORTEC 294-376 (Extra Clearance) 97-11
MICMS2323H	CHEVY 348-409 (STD) 58-61
MICMS429H	SBC 265-327 (STD, .001) 55-67
MICMS429H-1	Main Bearing Set
MICMS429HX	SBC 265-327 (Extra Clearance) 55-67
MICMS540H	SB Chrysler 273-318-340 (STD) 64-91
MICMS540HX	SB Chrysler 273-318-340 (Extra Clearance) 64-91
MICMS540P-20	Main Bearing Set
MICMS829H	BBC 366-454 (STD, .001, .010) 70-98
MICMS829H-1	Main Bearing Set
MICMS829H-10	Main Bearing Set
MICMS829HX	BBC 366-454 (Extra Clearance) 70-98
MICMS909H	SBC 262-350 (STD, .001, .010, .020) 67-96
MICMS909H-10	Main Bearing Set
MICMS909H-20	Main Bearing Set
MICMS909P	Main Bearing Set
MICMS2220H	Chrysler 345-370 (5.7/6.1 Hemi) (STD) 03-10
MICMS2220HX	Chrysler 345-370 (5.7/6.1 Hemi) (Extra Clearance) 03-10

PART #	DESCRIPTION
MICMS2095P	Main Bearing Set Honda 4
MICMS1010H-10	Main Bearings
MICMS590HX	SBF 221-302 (Extra Clearance) 62-82
MICMS909HX	SBC 262-350 (Extra Clearance) 67-96
MICMS2260H	NASCAR RO7 Block (STD)
MICCB1664H	Olds Aurora Indy Engine (STD)
MICMS590H	SBF 221-302 (STD, .001, .010,) 62-82
MICMS590H-1	Main Bearings
MICMS590H-10	Main Bearings
MICCB663P	SBC 262-400 LG. JNL (STD, .001, .010, .020,) 67-03
MICCB663P-1	Rod Bearing
MICCB634HN	SBF 221-302 (STD) 62-82
MICCB634HXN	SBF 221-302 (Extra Clearance) 62-82
MICCB663HN	SBC 262-400 LG JNL (STD, .001, .010, .020,) 67-03
MICCB663HN-20	Rod Bearing Narrowed Version
MICCB663HND	SBC 262-400 LG JNL (STD) w/Dowel Hole 67-03
MICCB743HN	BBC 366-454 (STD, .001, .010, .020) 58-80
MICCB743HN-1	Rod Bearing Narrowed Version
MICCB743HN-10	Rod Bearing Narrowed Version
MICCB743HND	BBC 366-454 (STD) w/Dowel Hole 58-80
MICCB743HXN	BBC 366-454 (Extra Clearance) 58-80
MICCB743HXND	BBC 366-454 (Extra Clearance) w/Dowel Hole 58-80
MICCB745HN	SBC 265-327 SM JNL (STD, .001, .010)
MICCB745HN-1	Rod Bearing Narrowed Version
MICCB745HN-10	Rod Bearing Narrowed Version
MICCB745HXN	SBC 265-327 SM JNL (STD) (Extra Clearance)
MICCB1664H-1	Olds Aurora Indy Engine (STD, .001) 1.850 JNL .655 Width
MICCB1664HX	Olds Aurora Indy Engine (EC) 1.850 JNL .655 Width
MICCB1665HND	Aurora /Honda (STD) w/Dowel Hole
MICCB527HND1	SB Chrysler 350-361-400 (.001) w/Dowel Hole
MICCB663HN-1	Rod Bearing New
MICCB663HN-10	Rod Bearing New
MICCB663HXN	SBC 262-400 LG JNL (STD)(Extra Clearance) 67-03
MICCB663HXND	SBC 262-400 LG JNL (STD)(EC) w/Dowel Hole 67-03
MICCB743HN-20	Rod Bearing New
MICCB1512VL-30	BB Chrysler 426 (.030) w/Dowel Hole/Lower
MICCB1856HN	SBC SM JNL Custom Bearing
MICMB3852V	NASCAR RO7 Shaft Size 1.9981-1.9985 Pair Upper/Lower



CONNECTING ROD BEARINGS

PART #	DESCRIPTION
MICCB1663H	Olds Quad 4 (STD,.001,.010)
MICCB1663H-1	Connecting Rod Bearing/Olds Quad 4
MICCB1663H-10	Connecting Rod Bearing/Olds Quad 4
MICCB1663HX	Olds Quad 4 (Extra Clearance)
MICCB1798H	NASCAR R07 (STD,.001)
MICCB1798H-1	Connecting Rod Bearing
MICCB1798HX	NASCAR R07 (Extra Clearance)
MICCB1227H	SBC V-6 200-229 (STD,.001) 78-84 (Some Eagle Rods: Bearing 2.100 x .8315)
MICCB1227HX	SBC V-6 200-229 (Extra Clearance) 78-84 (Some Eagle Rods: Bearing 2.100 x .8315)
MICCB1512VU(30)	BB Chrysler 426 (STD) w/Dowel Hole (30 Upper Shells Only)
MICCB743P-20	BBC 366-454 (.020) 58-80
MICCB831HXN	SBF 351W (Extra Clearance) 69-95
MICCB1512V-10	BB Chrysler 426 (.010) w/Dowel Hole
MICCB1785H	Acura B18 CI-VTEC
MICCB1808HXN	SB Chrysler Hemi 345-370 (Extra Clearance) 03-12
MICCB634HND	SBF 221-302 (STD) w/Dowel Hole 62-82
MICCB663HN-30	SBC 262-400 LG JNL (.030) 67-03
MICCB1775H	1.772 Journal (STD)
MICCB1777H	Honda: 1595 (STD) 94-97
MICCB1512V	BB Chrysler 426 (STD) w/Dowel Hole



CAMSHAFT BEARING SETS

PART #	DESCRIPTION
MICSH1321S	SBF 221-255-302-351(3.6-4.2-5.0-5.8L) 62-85
MICSH1349S	SBC 283-305-327-350-400(5.7) 62-03
MICSH290S	SBC 283-305-327-350-400(5.7) 62-03
MICSH510S	SBF 221-255-302-351(3.6-4.2-5.0-5.8L) 67-97
MICSH616S	BBC 366-396-402-427-454 67-97

MISCELLANEOUS

PART #	DESCRIPTION
MIC2800B2	Bearing Guard 8oz.
MICTW611S	Thrust Washer Sets
MICTW473S	Thrust Washer Sets



ACCESS TO COMPLETE PRODUCT LINE AVAILABLE



The MAHLE Motorsports Power Pak was designed as a completely finished drop-in piston assembly. Other than filing the included performance ring set, everything else is done for you. Design technology derived from 80+ years of piston manufacturing for everything from OEM to Formula1 is used to produce the best piston at the best possible value. PowerPak kits are available for most popular applications from sport compacts to 600+ cubic inch big blocks.***

***These pistons are designed primarily for off highway use. Check federal law and emission regulations.

POWERPAK

The MAHLE Motorsports Power Pak is a complete, race proven piston assembly kit comprised of hand deburred, all forged, performance coated pistons, high quality steel pins, round wire locks and low drag performance rings.

Performance coatings include a phosphate dry lubricate that is used to protect against ring micro-welding and pin galling during initial startup and break in. For added performance, MAHLE applies its proprietary Grafal® anti-friction coating to each piston skirt.

FEATURES

- Forged piston for performance applications
- Fully-machined crown
- Grafal anti-Friction coating on skirts*
- Phosphate-coated to reduce micro-welding and pin galling**
- Pin bores finished on CNC boring equipment
- Deburred
- High strength, light weight steel pins
- Race proven round wire locks
- Low drag ring pak
- Light weight slipper skirt forgings

* MAHLE's GRAFAL® skirt coating reduces drag, scuffing, friction and cylinder bore wear; reduces piston noise.

** Phosphate coating provides the grey appearance to the MAHLE piston. This dry lubricant coating (not to be confused with a thermal film coating) provides a lubricant film in the pin bores and ring grooves until the oiling system of the engine reaches operating pressure; particularly useful during the initial start-up or break-in of engines to protect against galling and microwelding. The piston crown is still machineable.

PART #	DESCRIPTION
MAH4170ML-043	4.165" +.005 / .043 / .043 / 3.0mm
MAH4180MS-112	4.175" +.005
MAH4394680	22mm Clip
MAH51359	22R Ring Set
MAH929908525	Power Pack Kit
MAH930163630	SBC 1.250" / 4.130" / 410 AP 112
MAH930163635	SBC 1.250" / 4.135" / 410 AP 112
MAH930164025	410 Sprint Pistons
MAH930164030	Piston Kit No Rings
MAH930165365	415ci / 4.065" Bore / 4.000" Stroke / 6"
MAH930165370	416ci / 4.07" Bore / 4.000" Stroke / 6"
MAH930173225	427ci / 4.125" Bore / 4.000" Stroke / 6"
MAH930200755	4.155" Bore Power Pack Kit
MAH930203630	4.030" Bore 3.480" / 5.700" Flat
MAH930203660	Piston, SBC 4.060" / 3.480" / 5.700"
MAHLS1314898F04-1	Single Piston
MAHSBC250040D11-1	Bore / 3.480" / 3.500" Stroke / 6" Rod
MAHSBC250040F05	4.04"
MAHSBC550796T01	315ci, 3.796" Bore / 3.480" Stroke / 5"

ACCESS TO COMPLETE PRODUCT LINE AVAILABLE



PSO DWT MOTOR OIL

PSO is a 100% synthetic, ester-based full race grade oil engineered to provide maximum horsepower without sacrificing the integrity of critical engine components. High zinc/phosphorous formula delivers reduced wear to bearings, camshafts, lifters and crankshafts, while helping extend engine life. Sold in 1 quart bottles or in cases. Not recommend for street use.

PART #	DESCRIPTION
MAX39-03901	1 Case (12/1qt. Bottles)
MAX39-03901S	1 Quart



RS SERIES MOTOR OILS

Full, 100% synthetic triple ester race-grade oil incorporates an industry leading additive system that provides both maximum performance and increased protection. Advanced formula uses special anti-wear/extreme pressure additives to provide superior engine protection, even under extreme loads and peak/ temperatures. Sold in 1 quart bottles or in cases. Not recommended for street use.

DESCRIPTION	1 QT. BOTTLE	1 CASE (12/QT. BOTTLES)
0W-10	MAX39-13901S	MAX39-13901
0W-20	MAX39-14901S	MAX39-14901
5W-20	MAX39-04901S	MAX39-04901
5W-20	MAX39-91901S	MAX39-91901
10W-30	MAX39-01901S	MAX39-01901
10W-40	MAX39-16901S	MAX39-16901
15W-50	MAX39-32901S	MAX39-32901



SEMI-SYN MOTOR OILS

High performance oil is a complex blend of highly refined base stocks and a complex blend of synthetic esters that protects critical engine components beyond conventional oils. Semi-Syn is a fully formulated race oil that is compatible with petroleum or synthetic engine oils. High zinc/ phosphorous formula is ideal for use in flat tappet or roller camshaft engines. Sold in 1 quart bottles or in cases.

DESCRIPTION	1 QT. BOTTLE	1 CASE (12/QT. BOTTLES)
10W-40	MAX39-34901BS	MAX39-34901B
20W-50	MAX39-35901BS	MAX39-35901B

DESCRIPTION	1 GALLON JUG	1 CASE (1/1 GALLON JUGS)
10W-40	-	-
20W-50	MAX39-359128BS	MAX39-359128B



PERFORMANCE MOTOR OILS

High performance petroleum oil is formulated using a technologically advanced additive package that is combined with a blend of highly refined petroleum base stocks. Lubricant resists mechanical breakdown and viscosity loss, while reducing wear on lifters, cams and bearings. High zinc/phosphorous formula is ideal for use in flat tappet or roller camshaft engines. Sold in 1 quart bottles or in cases.

DESCRIPTION	1 QT. BOTTLE	1 CASE (12/QT. BOTTLES)
10W-40	MAX39-34901S	MAX39-34901
20W-50	MAX38-35901S	MAX39-35901



PERFORMANCE BREAK-IN MOTOR OILS

Engineered specifically for the critical break-in process, lubricant includes an elevated high zinc/ phosphorous formula that is blended with pure petroleum base stocks and anti-wear additives. Sold in 1 quart bottles or in cases. Not recommended for street use.

DESCRIPTION	1 QT. BOTTLE	1 CASE (12/QT. BOTTLES)
10W-30	MAX39-10901S	MAX39-10901
15W-50	MAX39-11901S	MAX39-11901



PERFORMANCE GEAR OIL

Petroleum based gear oil uses high quality, ultra-pure base oils to deliver maximum performance and protection. Lubricant resists shearing, mechanical breakdown and loss of viscosity. Recommended in any differential where an API GL-5 gear oil is specified. Sold in 1 gallon containers or in cases.

PART #	DESCRIPTION
MAX49-429128S	85W-140, 1 Gallon Container
MAX49-429128	85W-140, 1 Case (4/1 Gallon Containers)



PRO GEAR

Full synthetic, high performance ester racing gear oil provides unsurpassed performance and protection. Lubricant resists shearing, mechanical break-down and loss of viscosity. Recommended in any differential where an API GL-5 gear oil is specified. Sold in 1 quart bottles or in cases.

DESCRIPTION	1 QT. BOTTLE	1 CASE (12/QT. BOTTLES)
75W-140	MAX45-45901S	MAX45-45901



FORMULA K2

A 100% synthetic, polyol ester based two-cycle lubricant that offers improved protection to pistons, cylinder walls, cranks and bearings. May be used with leaded or unleaded fuels. Premix only.

DESCRIPTION	1/2 OZ. BOTTLE	1 CASE (12/1/2 OZ. BOTTLES)
Formula K2	MAX22916S	MAX22916



CASTOR 927

Castor 927 is the ultimate two-cycle oil, fortified with clean-burning additives to reduce rust, oxidation, ring sticking, carbon build-up and power valve maintenance. Premix only.

DESCRIPTION	1/2 OZ. BOTTLE	1 CASE (12/1/2 OZ. BOTTLES)
Castor 927	MAX23916S	MAX23916



FAB 1

Spray-on air filter oil delivers unsurpassed protection from the elements.

PART #	DESCRIPTION
MAX61920S	13oz. Aerosol Can
MAX61920	1 Case (12/13oz. Aerosol Cans)



AIR FILTER CLEANER

Ready-to-use emulsion-type cleaner is designed to thoroughly clean foam or fabric air filters without damaging the foam, paper or glue.

PART #	DESCRIPTION
MAX79920S	15.5oz. Aerosol Can
MAX79920	1 Case (12/15.5oz. Aerosol Cans)



AIR FILTER CARE KIT

Clean and oil air filters quickly and effectively for increased air flow and horsepower. All-in-one, two-pack includes Air Filter Cleaner (15.5 oz. Aerosol) and Fab 1 (13 oz. Aerosol) spray-on air filter oil.

PART #	DESCRIPTION
MAX70-79920S	Air Filter Care Kit
MAX70-79920	1 Case (6/2-Pack Kits)



COOL-AIDE

Racing coolant and additive reduces engine coolant temperatures and provides more efficient heat transfer. Offered in Ready-to-use or Concentrate formulas. Cool-Aide mixes with water and anti-freeze and does not offer freeze protection.



PART #	DESCRIPTION
MAX84916S	Concentrate, 16oz. Bottle
MAX84916	Concentrate, 1 Case (12/16oz. Bottles)
MAX84964S	Ready-To-Use, 64oz. Container
MAX84964	Ready-To-Use, 1 Case (64oz. Containers)

ASSEMBLY LUBE

Specially formulated to protect highly loaded engine components during engine assembly and the break-in period.

PART #	DESCRIPTION
MAX69-01904S	4oz. Bottle
MAX69-01904	1 Case (12/4oz. Bottles)



HI-TEST

Concentrated octane booster readily mixes with all gasolines, alcohol or nitro mixtures, suppressing detonation and pre-ignition. One ounce per gallon raises the octane number of gasoline approximately four points. May be used in concentrations of one to four ounces per gallon of gasoline.

PART #	DESCRIPTION
MAX83916S	16oz. Container
MAX83916	1 Case (12/16oz. Containers)



SYNTHETIC RACING SHOCK FLUID

A full synthetic race-grade shock fluid engineered to withstand extreme temperatures and loads. Fluid includes a special additive system to provide clean, trouble-free operation over extended periods. Sold in 32 oz. bottle, case of (12) 32 bottles or in 5 gallon pail.

DESCRIPTION	32 OZ. BOTTLE	1 CASE (12/32OZ. BOTTLES)	5 GALLON PAIL
0W	-	-	MAX59-5605
3W	MAX59-57901S	MAX59-57901	MAX59-58505L



RACING SHOCK FLUID

RSF includes a synthetic polymer package that offers a very high viscosity index and extremely low pour point, providing consistent performance over a wide temperature range. Sold in 32 oz. bottle or in case.

DESCRIPTION	32 OZ. BOTTLE	1 CASE (12/32OZ. BOTTLES)
RSF	MAX59-58932LS	MAX59-58932L



COOLANOL

High performance coolant is a premixed, ready-to-use premium antifreeze and deionized water package that protects against rust, corrosion, foaming and cavitation, while providing lubrication to the water pump and seals.

PART #	DESCRIPTION
MAX89-829128S	1 Gallon Container
MAX89-829128	1 Case (4/1 Gallon Containers)



SYN PSF

Syn PSF is a high performance, synthetic power steering fluid that is engineered to endure the severe stress and high temperatures common to racing. Fluid prevents wear, thermal breakdown and oxidation.

PART #	DESCRIPTION
MAX89-01901S	1 Quart Bottle
MAX89-01901	1 Case (12/1 Quart Bottles)



RACING BRAKE FLUID

Maxima Racing Brake Fluid protects against moisture contamination and includes high boiling points for maximum effectiveness.

PART #	DESCRIPTION
MAX80-86912S	DOT 4, 12oz. Container
MAX80-86912	DOT 4, 1 Case (12/12oz. Containers)
MAX80-87912S	DOT 4 Syn/High Temp, 12oz. Container
MAX80-87912	DOT 4 Syn/High Temp, 1 Case (24/12oz. Containers)
MAX80-81911S	DOT 5, 11oz. Container
MAX80-81911	DOT 5, 1 Case (12/11oz. Containers)



WATERPROOF GREASE

High temperature, multi-purpose lithium grease complex provides superior lubrication, water resistance and clings to metal surfaces, even under the most severe conditions.

PART #	DESCRIPTION
MAX80916S	16oz. Container
MAX80916	1 Case (12/16oz. Containers)





CHAIN WAX

Parafilm formula sprays on as a liquid, penetrates and set-up as a soft, waxy film, protecting the chain from the elements. High performance lubricant is suited to X, Z and O-ring chains, providing rust and corrosion protection.

PART #	DESCRIPTION
MAX74920S	13.5oz. Aerosol Can
MAX74920	1 Case (12/13.5oz. Aerosol Cans)



SYNTHETIC CHAIN GUARD

Crystal clear, 100% synthetic formula penetrates inner pins and rollers, lubricating and providing protection from friction, shock load and high temperatures. Guards against rust, corrosion, while resisting fling-off. Safe for X, Z and O-ring chains.

PART #	DESCRIPTION
MAX77920S	15.5oz. Aerosol Can
MAX77920	1 Case (12/15.5oz. Aerosol Cans)



SC1

Cleans and polishes plastic, fiberglass and painted surfaces. Excellent for use as a clear coat to prevent mud, dirt and rubber from adhering to body panels.

PART #	DESCRIPTION
MAX78920S	12oz. Aerosol Can
MAX78920	1 Case (12/12oz. Aerosol Cans)



SPEED WAX

All-in-one detailer conditions, shine and protects painted surface, chrome and plastic. Sets-up quickly and easily wipes from smooth surfaces.

PART #	DESCRIPTION
MAX70-76920S	15.5oz. Aerosol Can
MAX70-76920	1 Case (12/15.5oz. Aerosol Cans)



BIDWASH

A biodegradable, all-purpose cleaner that removes grease, grime and oil with ease. Tough, yet gentle on paint, plastic, chrome, anodizing, rubber, carbon fiber, etc.

PART #	DESCRIPTION
MAX80-85932S	32oz. Bottle
MAX80-85932	1 Case (12/32oz. Bottles)



SUSPENSION CLEAN

Unique formula allows cleaning suspension components quickly and easily, leaving no residue. Product incorporates strong industrial cleaners with a powerful spray and will not harm O-ring or seals.

PART #	DESCRIPTION
MAX71920S	13oz. Aerosol Can
MAX71920	1 Case (12/13oz. Aerosol Cans)



CONTACT CLEANER

A blend of cleaning agents that displace moisture, while removing grease, grime and oil. Heavy duty aerosol cleaner is outstanding for use on ignitions, spark plugs, electrical components, etc.

PART #	DESCRIPTION
MAX72920S	13oz. Aerosol Can
MAX72920	1 Case (12/13oz. Aerosol Cans)



FFT

Race Proven Foam Filter Treatment catches dirt and fine dust without restricting air flow. Will not plug foam cells or migrate off of filter.

PART #	DESCRIPTION
MAX60916S	16oz. Bottle
MAX60916	1 Case (12/16oz. Bottles)



CLEAN UP CHAIN CLEANER

Thoroughly cleans chains without harming rubber O-rings or metal surfaces. Clean Up dissolves quickly and removes hard to clean build-up on chains.

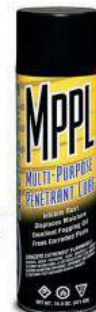
PART #	DESCRIPTION
MAX75920S	15.5oz. Aerosol Can
MAX75920	1 Case (12/15.5oz. Aerosol Cans)



MULTI-PURPOSE PENETRANT LUBE

MPPL is an all-purpose, spray-on penetrating lubricant that delivers light lubrication, while providing a barrier from rust and corrosion. Displaces moisture and helps loosen rusted fasteners.

PART #	DESCRIPTION
MAX73920S	15.5oz. Aerosol Can
MAX73920	1 Case (12/15.5oz. Aerosol Cans)



AIR FILTER CLEANER

Ready-to-use emulsion-type cleaner is designed to thoroughly clean foam or fabric air filters without damaging the foam, paper or glue.

PART #	DESCRIPTION
MAX70-79964S	64oz. Container
MAX70-79964	1 Case (6/64oz. Containers)



NEW PRODUCTS

ASSEMBLY GREASE

Specially formulated to protect highly loaded, critical engine components during engine assembly and break-in. Assembly Grease is designed to stay in place, eliminating migration off of parts during assembly and storage. High levels of anti-wear (zinc) and extreme pressure agents provide excellent protection for all metal surfaces during initial engine break-in. Assembly Grease completely dissolves in petroleum and synthetic engine oils.

PART #	DESCRIPTION
MAX69-02916	Assembly Grease, Tube



PERFORMANCE STRAIGHT WEIGHT ENGINE OILS

Maxima Performance Straight-Weight engine oil is specifically formulated to meet the demands of Pro Mod, Alcohol and Top Fuel racing engines. It's an exclusive blend of highly refined petroleum base stocks and surface active anti-wear/extreme pressure additives to protect critical engine components from the extreme loads generated by high-performance engines. Performance delivers increased protection, optimum engine cleanliness, reduces wear on bearings, cams, lifters, crankshafts and extends engine life. High Zinc/Phosphorous formula engineered for use in flat tappet and roller element engines. Available in 128 oz. gallons, 5-gallon pail or 55 gallon drum. Not recommended for street use.

DESCRIPTION	128OZ GALLONS	5 GALLON PAIL	55 GALLON DRUM
50W	MAX39-36128	MAX39-36505	MAX39-36055
60W	MAX39-37128	MAX39-37505	MAX39-37055
70W	MAX39-38128	MAX39-38505	MAX39-38055



SYN ATF

SYN ATF is a full synthetic formula with technologically advanced anti-wear and extreme pressure additives, protecting the transmission in high-stress environments. The no slip formula offers positive shift engagement and reduces clutch drag. Special additives help to minimize clutch burn-in time, aiding in the overall reduction of operating temperatures. Ideal frictional properties help to eliminate wear, while providing smooth, positive shifts in high-stress, high-load environments. It is available in standard 20WT and heavy-duty 30WT viscosities. Sold in 32 oz. quarts, 128 oz. gallons, 5 gallon pails and 55 gallon drums.

DESCRIPTION	32OZ QUARTS	128OZ GALLONS	5 GALLON PAIL	55 GALLON DRUM
20W	MAX49-01901	MAX49-019128	MAX49-01505	MAX49-01055
30W	MAX49-02901	MAX49-029128	MAX49-02505	MAX49-02055



ACCESS TO COMPLETE PRODUCT LINE AVAILABLE



SELECT PERFORMANCE OIL PUMPS

These pumps have hardened steel gears and cast, manganese phosphate coated housings. Some race versions have machined grooves to reduce cavitation at high RPM (grooves slightly reduce pressure at idle). Small block Chevy pumps include intermediate shaft.

SMALL BLOCK CHEVY 265-400

PART #	VOLUME INCREASE	INLET DIA.	COATINGS	ASSOCIATED SCREEN
ME10550	25%	5/8"	Mag Phosphate	55-S, 55-S1, 55-S2, 55-S3, 210S, 220S
ME10551	25%	3/4"	Mag Phosphate	155S, 211S, 213S, 221S, 243S, 244S, 245S, 251S, 258S, 259S
ME10552	10%	3/4"	Mag Phosphate	155S, 211S, 213S, 221S, 243S, 244S, 245S, 251S, 258S, 259S, 12557, 12558, 12559, 12564, 12566
ME10552C	10%	3/4"	Mag Phosphate	155S, 211S, 213S, 221S, 243S, 244S, 245S, 251S, 258S, 259S, 12557, 12558, 12559, 12564, 12567
ME10555	10%	3/4"	Mag Phosphate	155S, 211S, 213S, 221S, 243S, 244S, 245S, 251S, 258S, 259S, 12557, 12558, 12559, 12564, 12568
ME10555C	10%	3/4"	Mag Phosphate	155S, 211S, 213S, 221S, 243S, 244S, 245S, 251S, 258S, 259S, 12557, 12558, 12559, 12564, 12569
ME10553	0%	5/8"	Mag Phosphate	55-S, 55-S1, 55-S2, 55-S3, 210S, 220S
ME10554	0%	3/4"	Mag Phosphate	155S, 211S, 213S, 221S, 243S, 244S, 245S, 251S, 258S, 259S

SMALL BLOCK FORD 289-302

PART #	VOLUME INCREASE	INLET DIA.	COATINGS	ASSOCIATED SCREEN
ME10687	0%	5/8"	Mag Phosphate	68-S
ME10688	25%	5/8"	Mag Phosphate	68-S3, 68-S4, 68-S5

SMALL BLOCK FORD 351W

PART #	VOLUME INCREASE	INLET DIA.	COATINGS	ASSOCIATED SCREEN
ME10832	0%	5/8"	Mag Phosphate	83-S
ME10833	25%	5/8"	Mag Phosphate	83-S1



GM GEN III & IV 4.8L-5.3L-5.7L-6.0L • LS3 6.2L PERFORMANCE OIL PUMP LINE

ME10295

High pressure performance upgrade for M295. Stock volume, 10% increase in pressure over M295 oil pump. The cast aluminum housing is CNC machined and hardcoat anodized. The cast iron cover is CNC machined and phosphate coated. The relief valve features a screw in valve plug with the optional lower stock pressure spring supplied. Uses stock bolt on screen.



ME10296

High volume performance upgrade for M295. 18% increase in volume over M295 and 10295 oil pump. The cast aluminum housing is CNC machined and hardcoat anodized. The cast iron cover is CNC machined and phosphate coated. The relief valve features a screw in valve plug with the optional lower stock pressure spring supplied. Uses stock bolt on screen.





GM GEN GEN IV, LS4 5.3L & L92 VORTEC 6.2L PERFORMANCE OIL PUMP LINE

ME10355

Stock volume performance upgrade for M355. Standard volume for LS4 5.3L & L92 6.2L engines. 33% increase in volume over the 10295. The 10355 features a hard coat anodized body with a cast iron phosphate coated cover. The relief valve features a screw in valve plug with the optional lower stock pressure spring supplied. Uses stock bolt on screen.



SB CHEVY ALUMINUM BILLET OIL PUMP ME10050-700CT

Hi Volume 25%. Multiple pressure settings. Aluminum billet. Heavy duty shaft support and protective coatings. Screw in valve. Offset screen for 7." Pan integrated into pump body. Includes optional relief springs, stud mounting kit and Chrome Moly I/S shaft. Circle Track racing. Check for pan and crank clearance.



STOCK REPLACEMENT OIL PUMP

Melling oil pump is 100% pressure tested. Idle and bypass pressure are checked to guarantee workmanship before every oil pump leaves the factory.

APPLICATION	STANDARD VOLUME	HIGH PRESSURE	HIGH VOLUME
SB Chevy	MEM55	MEM55A	MEM55HV
SB Ford 351W	MEM83	-	MEM83HV
SB Ford 289-302	MEM68	MEM68A	MEM68HV



ACCESS TO COMPLETE PRODUCT LINE AVAILABLE

Mobil 1

Racing™

MOBIL 1 RACING™ 0W-30

FEATURES

- Highly friction modified for maximum power.
- Boosted levels of anti-wear protection (nominal zinc level of 1850 ppm) well beyond those of typical automotive engine oils.
- Recommended for a wide range of race engine applications, including highly loaded flat tappet designs.
- Exceptional high-temperature protection in high RPM engine operation, even at temperatures of over 500°F (260°C).

A very low friction racing oil developed for a wide variety of race engines and is recommended and used by builders of engines for NASCAR and ARCA Series.

PART #	DESCRIPTION
MI-0W30	Racing Oil 0W-30

MOBIL 1 RACING™ 0W-50

FEATURES

- Recommended for higher temperature and durability racing applications.
- Boosted levels of anti-wear protection (nominal zinc level of 1850 ppm) well beyond those of typical automotive engine oils.
- Highly friction modified for maximum power.
- Recommended for a wide range of race engine applications, including highly loaded flat tappet designs.
- Exceptional high-temperature protection in high RPM engine operation, even at temperatures of over 500°F (260°C).

Provides maximum protection and durability under higher temperatures. Perfectly suited for short oval track racing to long-duration road racing.

PART #	DESCRIPTION
MI-0W50	Racing Oil 0W-50

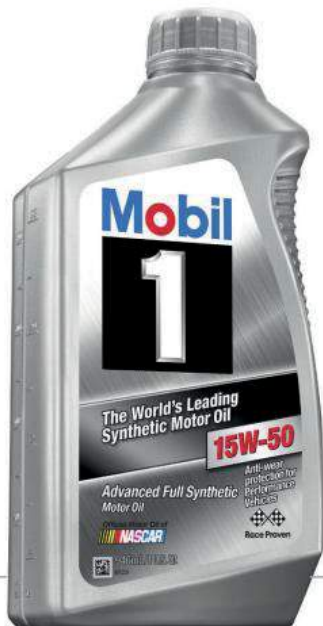
MOBIL 1™ 15W-50

FEATURES

- Recommended for higher temperature and durability racing applications.
- Levels of anti-wear protection above that of typical automotive engine oils, suitable for flat tappet design.
- Suitable for road and track.
- Maximum protection under high temperatures from short oval track to long duration endurance races like the 24 Hours of Le Mans or Rolex 24 At Daytona.
- Exceptional high-temperature protection in high RPM engine operation, even at temperatures of over 500°F (260°C).

A higher viscosity grade oil engineered to deliver increased bearing protection when running at higher oil temperatures.

PART #	DESCRIPTION
MI-10W30	Synthetic Oil 10W-30
MI-15W50	Synthetic Oil 15W-50



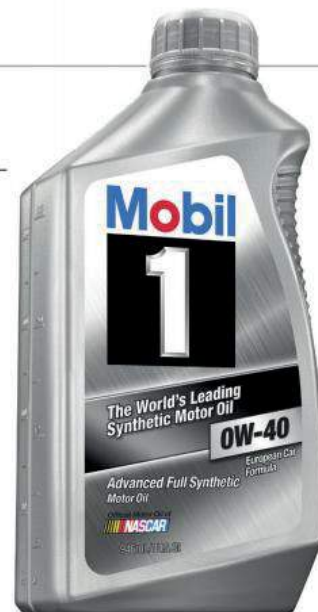
MOBIL 1™ 0W-40

FEATURES

- Wide viscosity grade for good combination of friction reduction and protection.
- Levels of anti-wear protection above that of typical automotive engine oils.
- Suitable for road and track.

Used as the factory fill motor oil in many production road car models and continues to be a winner in the IndyCar Series, IMSA WeatherTech SportsCar Championship, Formula 3 and Porsche Cup Series.

PART #	DESCRIPTION
MI-0W40	Synthetic Oil 0W-40



MOBIL 1™ SYNTHETIC GEAR LUBRICANT LS

FEATURES

- Excellent overall lubrication and wear protection performance for many driving styles.
- Enhanced frictional properties.
- Outstanding thermal and oxidation stability.
- Protection against deposits.

Contains a unique proprietary formulation that helps deliver optimized viscosity along with the highest level of formulation stability.

PART #	DESCRIPTION
MI-75W90	75W-90 Synthetic Gear Lube
MI-75W90-PAIL	75W-90 Synthetic Gear Lube, 5 Gallon Pail



MOBILITH SHC 220 & 460

FEATURES

- Longer life of bearings and chassis lube points.
- Outstanding high temperature and low temperature performance.

PART #	DESCRIPTION
MI-SHC220	SHC 220 Grease
MI-SHC460	SHC 460 Grease



ACCESS TO COMPLETE PRODUCT LINE AVAILABLE



SB CHEVY HD OIL PUMPS

Available separately or complete with pickups that have been welded to the pump body for a bolt-on installation. Choose the pump/pickup that matches the depth of the oil pan.

STANDARD VOLUME OIL PUMP

DESCRIPTION	OIL PUMP/PICKUP PART #	OIL PUMP ONLY PART#
8-1/4" Deep Pan, 5/8" Inlet	MO22124	MO22101

HIGH VOLUME OIL PUMP

DESCRIPTION	OIL PUMP/PICKUP PART #	OIL PUMP ONLY PART#
8-1/4" Deep Pan, 5/8" Inlet	MO22134	MO22111
7-1/2" Deep Pan, 5/8" Inlet	MO22144	MO22111
8-1/4" Deep Pan, 3/4" Inlet	MO22146	-
7-1/8" Deep Pan, 3/4" Inlet	MO22147	-



MO22147

OIL PUMP DRIVESHAFT

Designed to replace mild steel OEM shafts, high quality steel units include a pinned steel sleeve for proper oil pump and shaft alignment.

PART #	DESCRIPTION
MO22070	SB Chevy, 5.75" Long
MO22077	SB Chevy Dart, .391" Raised Cam, 6.24" Long
MO22080	BB Chevy, (Excludes Gen V and VI)
MO22090	SB Chevy, when using BB Chevy Pump, 5.625" Long



MO22080

OIL PUMP BLOCK-OFF PLATE

Bolt-on aluminum plate seals oil passage on rear main cap when dry sump is used. Requires no drilling or tapping for installation on small block Chevrots.

PART #	DESCRIPTION
MO23790	Oil Pump Block-Off Plate



MO22016

OIL RESTRICTOR KITS

Reduce flow to rocker arm assemblies, leaving more oil available for rod and main bearings. Power-robbing windage is reduced by lessening the volume of oil passing by the rotating assembly on its return to the pan. Do not use with hydraulic lifters.

PART #	DESCRIPTION
MO22010	SB and BB Chevys, .0625" Orifice Dia., Screws into Lifter Galley cleaning plug holes at back of block, 2 per package
MO22016	New GM Blocks w/Oil Lifter Galley Bosses, flush with bellhousing face, 2 per package
MO22018	Dart SHP SB Chevy
MO22045	SB Ford 302-351W, 7 per package

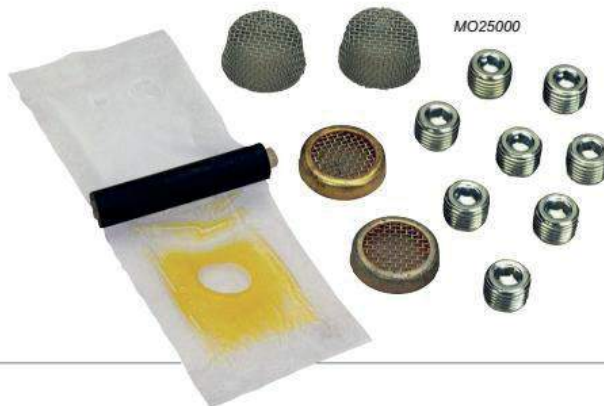


MO22045

OIL RETURN SCREEN KITS

Screen retains debris in the lifter valley area and kit includes required amount of plugs to block the oil return holes in the lifter valley above the cam. The redirects the oil to the front and rear return galleries and then directly to the sump area, instead of dumping it on the crankshaft causing increased windage and lost horsepower.

PART #	DESCRIPTION
MO25000	SB Chevy
MO25026	Dart SHP SBC



MO25000

RACING OIL FILTERS

- Rated at 27 microns
- Less pressure drop with more flow
- Less Oil bypass
- Maximum oil filtration

PART #	DESCRIPTION
MO22459	Chevy Short Style Oil Filter, 4-9/32" Tall
MO22460	Chevy Tall Style Oil Filter, 5-1/4" Tall
MO22465	Remote Mount, Replaces Fram HP6, 6-1/4" Tall
MO22470	Ford/Chrysler Tall Style Oil Filter, 5-1/4" Tall

OIL BYPASS ELIMINATOR

Billet Aluminum adapter eliminates the bypass found in OEM Small Block Chevy filter adapters, preventing unfiltered oil from entering the engine. Adapter features a single inlet and accepts spin-on, stock type oil filters.

PART #	DESCRIPTION
MO23775	Oil Bypass Eliminator

OIL FILTER ADAPTERS

Adapters lower filter 1-1/2" and accept accumulators, external or dry sump pumps, or remote oil coolers. Will fit Small Block Chevy without modification. Adapters use 1/2" NPT inlets and outlets. Includes instructions, mounting bolts and O-rings.

PART #	DESCRIPTION
MO23690	Adapter for Plumbing Accumulators and external or dry sump pumps
MO23692	Adapter for Plumbing Remote Oil Coolers

OIL FILTER BLOCK-OFF PLATE

Often used on dry sump oil system installations, plate has a 1/2" NPT port for input pressure line and fits all Small and Big Block Chevy (except Gen. V/VI or those with bolt hole at center of pad).

PART #	DESCRIPTION
MO23840	Oil Filter Block-Off Plate

RACING VACUUM PUMP

PART #	DESCRIPTION
MO22640	Original 3-Vane Vacuum Pump for Wet Sump Oiling System

RACING VACUUM ACCESSORIES

PART #	DESCRIPTION
MO22635	Positive Seal Vented Fitting, -12AN

SELF-CONTAINED OIL PREHEATER

Pre-heat 12 qts. of oil in 25 minutes using 400 watts of power. Self-contained, plug-in 110/120 unit is 4-3/4" from fitting to tip. Includes 1/2" -14NPT aluminum weld bung.

PART #	DESCRIPTION
MO23991	Self-Contained Oil Preheater



MO22459



MO23775



MO23690



MO23840

MO22635



MO22640



MO23991



EXTERNAL HEATING PADS

Pads adhere to oil tanks to preheat engine oil. Etched foil distributes heat evenly and silicone outer shell resists oil and dirt. Includes 18 AWG electrical cord with plug for 110 volt AC outlets.

PART #	DESCRIPTION
MO23995	6" x 12" 360 watt pad, Hook & Spring Attachment
MO23996	5" x 7" 400 watt self-adhesive pad, heats from 66° to 160°F in 25 min.
MO23997	2" x 15" Self Adhesive Pad, Perfect for narrow areas



LIFTER VALLEY OIL BAFFLE

Baffle increases horsepower by shielding bottom of intake manifold from hot oil. Also keeps surplus oil out of valve covers by eliminating oil splash. Maintains oil pressure during pushrod or rocker arm failure by keeping lifters in their bores. Fits SB Chevy and may have to be trimmed .060-.100" before snapping into place. Not to be used with roller lifters.

PART #	DESCRIPTION
MO25050	Lifter Valley Oil Baffle



CHROME PLATED VALVE COVERS

An economical alternative to high priced valve covers. Chrome covers offer superb fit and sealing. Tall covers clear most roller rockers and shaft rockers systems. Sold in pairs, complete with grommets.

PART #	DESCRIPTION
MO68102	Tall, Small Block Chevy 262-400
MO68103	Baffled, Tall, Small Block Chevy 262-400
MO68201	Baffled, Tall, Small Block Ford 289-351W
MO68202	Tall, Small Block Ford 289-351W



FABRICATED ALUMINUM VALVE COVERS

Tall covers are extremely light, about 3 lbs. each and include fasteners.

PART #	DESCRIPTION
MO68026	Small Block Chevy, Centerbolt Style Cylinder Heads, Billet Rail, 2 Breather Tubes at Center of LH Cover
MO68325	Small Block Ford 221-351W Billet Rail
MO68326	Small Block Chevy 262-400, OEM and 18", Billet Rail
MO68329	Small Block Chevy 262-400, OEM & 18" Billet Rail w/Valve Spring Oilers
MO68335	Small Block Chevy 262-400, OEM & 18" Rigid Rail
MO68338	Small Block Chevy 262-400, OEM & -12 Brodix, Billet Rail



DIE CAST ALUMINUM VALVE COVERS

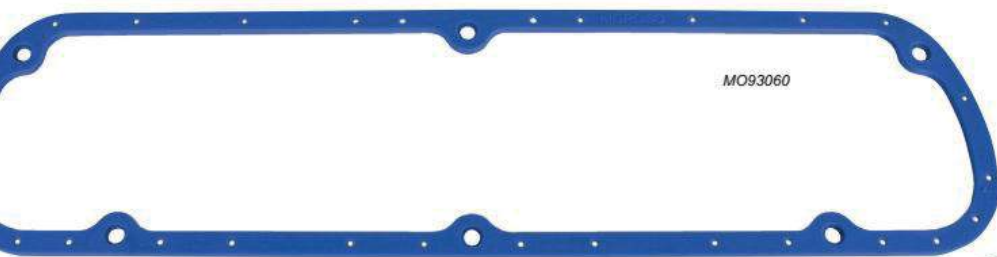
Tall thin wall covers are about half the weight of standard cast versions. The casting process yields a blemish free surface with no porosity. Valve covers are hand polished and sold in pairs with studs and grommets.

PART #	DESCRIPTION
MO68385	Small Block Chevy 262-400, Tall w/Crossover Breather Tube Kit
MO68401	Small Block Chevy 262-400, Tall w/Moroso Logo
MO68405	Small Block Chevy 262-400, Tall w/o Logo
MO68450	Small Block Ford 289-351W, Smooth Extra Tall w/o Logo



WITH WELDED BREATHER TUBES

PART #	DESCRIPTION
MO63365	Small Block Chevy 262-400, Tall, 2 Breather Tubes at front of LH Cover, w/ Moroso Logo. Breathers included
MO68370	Small Block Chevy 262-400, Tall 2 Breather tubes at Center of 1 cover w/ Moroso Logo. Breathers Included
MO68374	Small Block Chevy 262-400, Smooth, Tall, 2 Breather tubes at center of 1 cover w/o logo. Breathers included



PERM-ALIGN VALVE COVER GASKETS

Durable gaskets won't leak, blow out or get sucked in. Gaskets are 3/16" thick and made of 40 durometer rubber, vulcanized to a rigid steel frame to provide years of dependable service. Two per package.

PART #	DESCRIPTION
MO93020	SB Chevy
MO93021	SB Chevy w/12°, 13.5°, 15°, 16°, 18°, Brodix, Dart, Edelbrock, All-Pro Heads
MO93060	Ford 302/351W



MO68800-100

WELD-IN FILTERED BREATHER KIT

Designed for use with aluminum valve covers, kit includes tow internally baffled breather tubes which must be welded to valve covers.

PART #	DESCRIPTION
MO68800-100	Weld-In Filtered Breather Kit



MO85400

NEW! BREATHER TANKS

Lightweight, black polyethylene tanks are well suited for use as engine, transmission or rear end breather tanks. Tanks are 3-1/8" diameter x 10-1/2" tall (with breather) and include 2" tall, clamp-on breather. Offered with -8AN or -12AN fitting.

PART #	DESCRIPTION
MO85400	Breather Tank, -12AN Fitting
MO85404	Breather Tank, -8AN Fitting



MO64929

THROTTLE RETURN SPRING KITS

Carburetor or manifold mount kits in chrome or black E-coating, assure positive throttle return and satisfy requirements of most sanctioning bodies.

PART #	DESCRIPTION
MO64919	Carburetor Mount Throttle Return Kit, Holley 4150/4160, Black
MO64925	Manifold Mount Throttle Return Kit, SB Chevy, 1-13/16" Tall, Chrome
MO64927	Carburetor Mount Throttle Return Kit, Holley 2300/4150/4160, Chrome
MO64929	Throttle Return Springs (2) Only, Stainless



MO64919

FUEL PUMP BLOCK-OFF PLATES

Block the fuel pump boss when mechanical fuel pump is not used. Available in anodized aluminum, chrome plated steel and black anodized billet aluminum finishes.

DESCRIPTION	BLACK ANODIZED ALUMINUM	CHROME PLATED STEEL	BLACK ANODIZED BILLET ALUMINUM
Small Block Chevy	MO65391	MO65393	MO65395
Ford (Exc. 351C, 351M-400)	MO65392	-	MO65396



Fuel Pump Block-Off Plates



UNIVERSAL WATER PUMP PULLEY SHIM KIT

Shims install between the water pump pulley and the drive flange to properly align belt drive. The kit contains two 1/16" and one 1/8" spacers. Fits all GM and Ford water pumps with either 3/4" or 5/8" shaft.

PART #	DESCRIPTION
MO64035	Universal Water Pump Pulley Shim Kit

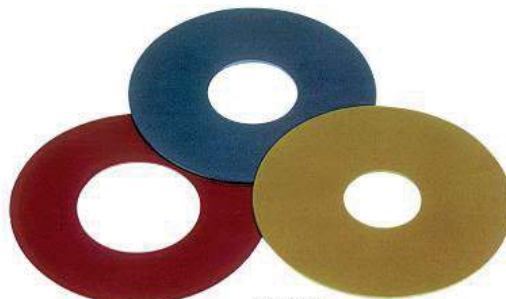


MO64035

WATER OUTLET RESTRICTOR KIT

Fits all GM V-8's, and Small Block Fords. Anodized aluminum restrictor plates mount under the water outlet on the intake manifold. By reducing the outlet flow, water absorbs more heat for improved cooling. Kit consists of three plates with 5/8", 3/4" and 1" I.D. holes (2-1/8" O.D.).

PART #	DESCRIPTION
MO63440	Water Outlet Restrictor Kit



MO63440

CHEVY SOLID STEEL MOTOR MOUNTS

Replace stock rubber mounts. Prevent torque loss and binding linkages caused by engine movement. Mounts eliminate torque straps or chains. Mounts have a protective zinc finish. Sold individually.

PART #	DESCRIPTION	DIMENSIONS "A"	DIMENSIONS "B"
MO62500	Replaces OEM 3990914, .250" thick	1-11/16"	2-1/2"
MO62510	Replaces OEM 3962748, .188" thick	2-1/8"	2-3/8"
MO62515	Replaces OEM 332648, .188" thick	2-9/32"	2-3/8"
MO62530	Replaces OEM 6258154, .188" thick	1-3/4"	2-5/8"



MO62500

EXTRA LONG BELLHOUSING DOWEL PINS

Pins simplify the installation of the bellhousing on the engine block. Available in standard and offset configurations, pins help properly align the transmission input shaft to the pilot bearing. Packaged two per card.

PART #	DESCRIPTION
MO37932	Standard GM V-8



MO37932

ULTRA 40 RACE SPARK PLUG WIRE SETS

One of the most powerful, RFI/EMI-proof spark plug wire sets available, with just 40 ohms of resistance per foot. Kevlar core is four times stronger than conventional Aramid fiber cores. Available in universal or custom sets. Custom fit wire sets include Ultra 40 insulated wire sleeve. Choose from blue or black wire sets.

UNIVERSAL WIRE SETS		
DESCRIPTION	BLUE WIRE SET PART #	BLACK WIRE SET PART #
90° Universal Wire Set	MO73800	MO73814
Straight Universal Wire Set	MO73801	MO73815
135° Universal Wire Set	MO73802	MO73816

CUSTOM WIRE SETS		
DESCRIPTION	BLUE WIRE SET PART #	BLACK WIRE SET PART #
SBC Under Valve Covers, 90° Plug, HEI, Front of Motor Routing	MO27001	-
SBC over Valve Covers, 90° Plug, Non-HEI	MO73600	-
SBC Over Valve Covers, 90° Plug, HEI	MO73602	MO73817
SBC Under Headers, 90° Plug, Non-HEI	MO73605	-
SBC Under Headers, 90° Plug, HEI	MO73607	MO73818
Ford 351W, 135° Plug, HEI	MO73626	MO73822

BLUE MAX SPIRAL CORE SPARK PLUG WIRE SETS

Independent testing confirmed that Blue Max spark plug wire sets have more spark energy, better EMI suppression and higher dielectric strength than any other wires. Spiral core wire sets are compatible with modern on-board electronics. Available in universal and custom fit sets with wire sleeving. Distributor end of universal sets must be cut to proper length and have the boots and terminals installed.

UNIVERSAL WIRE SETS (HEI/NON HEI)

PART #	DESCRIPTION
MO73225	Blue, 90° Spark Plug Boots/Terminals
MO73217	Yellow, 90° Spark Plug Boots/Terminals
MO73219	Red, 90° Spark Plug Boots/Terminals
MO73231	Black, 90° Spark Plug Boots/Terminals
MO73226	Blue, Straight Spark Plug Boots/Terminals
MO73218	Red, Straight Spark Plug Boots/Terminals
MO73232	Black, Straight Spark Plug Boots/Terminals
MO73220	Blue, 135° Spark Plug Boots/Terminals
MO73233	Black, 135° Spark Plug Boots/Terminals

UNIVERSAL WIRE SETS (HEI/NON HEI)

PART #	DESCRIPTION
MO72402	SB Chevy w/ HEI, over Valve Cover, 90° Plug Terminal
MO72405	SB Chevy under Header, Non-HEI, 90° Plug Terminal
MO72407	SB Chevy under Header, HEI, 90° Plug Terminals

BLUE MAX SOLID CORE SPARK PLUG WIRE SET

Stainless steel, solid core 8mm wires work with magnetos and other systems that do not require (EMI) suppression wires. Universal fit, with only spark plug end installed. Sets include distributor boots (HEI and Non-HEI) and 36" coil wire.

PART #	DESCRIPTION
MO72800	SB Chevy w/Straight Ends
MO72820	SB Chevy w/90° Ends

BLUE MAX SPIRAL CORE COIL PLUG WIRE SET

Coil wires should be replaced regularly. Kit includes 3' Blue Max spiral core 8mm suppression wire, wire stripping tool and 13-piece boot and terminal kit.

PART #	DESCRIPTION
MO73235	Blue Max Spiral Core Coil Plug Wire Set

INSULATED WIRE SLEEVE

Extend spark plug wire life and insulate against exhaust header heat. For best results, the sleeve should cover the entire wire from plug boot to distributor boot and then be sealed with MO72030 or MO72031 Shrink Sleeve. Packaged in 25' lengths.

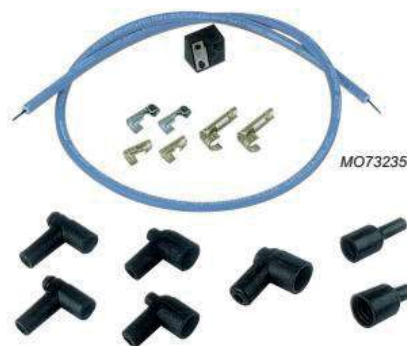
PART #	DESCRIPTION
MO72000	7-8mm, Blue
MO72002	7-8mm, Red
MO72011	Ultra 40, Blue

SHRINK SLEEVE

Completely seal spark plug and distributor boots and spark plug wire sleeve. Packaged 18 sleeves per set.

PART #	DESCRIPTION
MO72030	Blue
MO72031	Black

MOROSO





NUMBERED SHRINK SLEEVES

Sleeves simplify spark plug wire identification and installation. Numbered from 1 through 8, sets include two of each number to identify both ends of the spark plug wires.

PART #	DESCRIPTION
MO72020	Numbered Shrink Sleeves

HIGH TEMP SPARK PLUG BOOT SLEEVES

Non-flammable sleeves provide protection up to 1,200°F. Sleeves are 1" I.D. x 5-3/4" long and sold in two-packs.

PART #	DESCRIPTION
MO71992	Blue
MO71993	Red
MO71994	Black
MO71995	Natural

SPARK PLUG WIRE SEPARATOR KITS

Separators accommodate 7 to 9mm wires, with or without sleeves. Plastic separators prevent crossfiring and can be used over valve covers or under headers. Easily snap into place to hold wires securely. Packaged six to a card (2 each of 2, 3, & 4-hole separators).

PART #	DESCRIPTION
MO72160	Blue
MO72161	Red
MO72162	Yellow
MO72163	Black

DISTRIBUTOR HOUSING SHIM KIT

Prevent oil pump bind and distributor spark scatter in engines with resurfaced heads or decks. High impact nylon shims fit all Chevy V-8's. Three-packs include one each of .030", .060", and .100" shims.

PART #	DESCRIPTION
MO26150	Distributor Housing Shim Kit

DISTRIBUTOR GEAR SHIM KIT

For distributors with 1/2" diameter shaft. Includes two .010" shims, two .020" shims, and one .053" shim for precise distributor shaft end play adjustment. Improve timing accuracy and prevent gear wear.

PART #	DESCRIPTION
MO26140	Distributor Gear Shim Kit

DISTRIBUTOR HOLD DOWN CLAMP

Heavy duty, secure clamp mounts on stud to eliminate thread wear. Slotted for quick distributor removal.

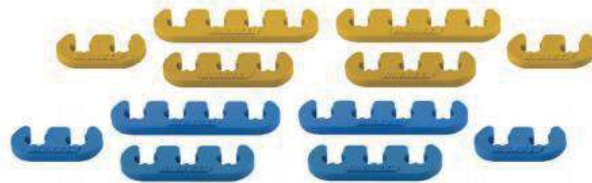
PART #	DESCRIPTION
MO26200	Small Block Chevy 262-400, Gold Iridite Finish
MO26210	Small Block Chevy 262-400, Chrome Plated
MO26211	Small Block Ford 221-351W, Chrome Plated



MO72020



High Temp Spark Plug Boot Sleeves



Spark Plug Wire Separator Kits



MO26140



Distributor Hold Down Clamps

SPARK PLUG INDEXING WASHERS

For use on all 14mm spark plugs with 5/8" hex. Use with Indexer MO62160. There are three thicknesses in each package, one of which will correct the electrode placement on any plug, simplifying the time-consuming task of spark plug indexing. Washers are stamped from copper for perfect sealing and heat transfer. Thirty to a card.

PART #	DESCRIPTION
MO71900	Taper Seat, .010", .021", .032"
MO71910	Flat Seat, .040", .050", .064"

SPARK PLUG INDEXER

Modern, high-compression racing engines require indexing of spark plugs to prevent contact between piston dome and the plug's electrode, and for optimum direction of spark travel within combustion chamber. Designed for both flat and taper-seat 14mm spark plugs. Black-anodized so that marks can be placed on the outer surface for checking subsequent sets of plugs.

PART #	DESCRIPTION
MO62160	Spark Plug Indexer

DEGREE WHEELS

Heavy gauge degree wheels measure camshaft centerline, valve timing, TDC, and BDC. All functions are marked in easily read 1° increments. Adapters to fit most engines are included.

PART #	DESCRIPTION
MO62190	11" Diameter Degree Wheel, for In-Car or Engine Stand Usage
MO62191	18" Diameter Degree Wheel, Engine Stand Usage

STUD MOUNT VALVE SPRING COMPRESSORS

Valve spring changing is greatly simplified with the Moroso Stud Mount Tool which will fit both 3/8" and 7/16" rocker studs. The 12" handle is much stronger and provides ample leverage to overcome the resistance of extremely high pressure valve springs.

PART #	DESCRIPTION
MO62370	Stud Mount Valve Spring Compressor

VALVE SEAT PRESSURE TESTERS

The most accurate way to monitor valve seat pressure on an assembled engine. Compatible with most aftermarket aluminum, OEM steel rockers, and shaft mounted rocker arms. Includes interchangeable front claws to fit most aftermarket aluminum rocker arms.

PART #	DESCRIPTION
MO62388	Valve Seat Pressure Tester, Interchangeable Front Claws to Fit Most Rockers, 160-400 PSI
MO62390	Valve Seat Pressure Tester, 100-300 PSI
MO62391	Valve Seat Pressure Tester, Low Profile Design, 160-400 PSI

CERAMIC ENGINE SEAL

The best chemical sealer money can buy. Has saved the day for many an oval track racer. Can also be used in tow vehicles or street applications. If this won't seal it, it will have to be welded. Not for use with anti-freeze.

PART #	DESCRIPTION
MO35500	Ceramic Engine Seal

A & B EXPOXY

Easy-to-use epoxy is typically used to install oil return screen kits or repair engine blocks, cylinder head intake ports and intake manifolds. Adheres to any clean surface and has a maximum use temperature of 250°F.

PART #	DESCRIPTION
MO35560	A & B Epoxy



MO71900



Degree Wheels



MO62160



MO62370



MO62388



MO35500



MO35560

ACCESS TO COMPLETE PRODUCT LINE AVAILABLE



MSD85551

CHEVY V8 PRO-BILLET DISTRIBUTOR

This is our most popular performance distributor! Must be used with a MSD 6, 7 or 8-series ignition.

FEATURES

- CNC machined billet aluminum housing and billet aluminum base
- Will not accept a vacuum advance canister
- Must be used with an MSD Ignition Control
- Supplied with an HEI style distributor cap and rotor (accepts Cap-A-Dapts)
- O-ring seals can be added to modified blocks to improve oil pressure control
- Special oil tract improves lubrication to the distributor and cam gear
- Nylon pads ensure smooth operation of the advance weights
- Advance weight pins are staked and tig welded to the plate
- Mechanical advance assembly can be locked out for crank trigger systems
- Advance plate and weights are fine blanked from chrome moly steel and QPQ coated for friction reduction
- Polished steel shaft is QPQ coated and guided by a sealed ball bearing and extra long sintered bushing
- Maintenance-free magnetic pickup and precision reluctor create stable trigger signals throughout the rpm range
- Easy-to-adjust mechanical advance with supplied springs and stop bushings
- No CARB Exemption Order Number



DISTRIBUTORS

PART #	DESCRIPTION
MSD8110	Billet Clamp
MSD8211	Firewall Feed Thru Red
MSD8356	Pro Billet SBC w/Dual Pick-Ups
MSD8360	SBC Billet Distributor
MSD8362	Street Fire HEI SBC
MSD8365	Distributor
MSD8378	Distributor Ford 351W Crank
MSD8408	Ford Distributor Cap
MSD84335	MSD Cap/Rotor Kit 8433 8467
MSD8467	GM Race Rotor
MSD8472	Oversize Distributor Gear +.006
MSD84791	Distributor, Ford 289-302 Vacu
MSD85501	Lock Out Advanced Slip Collar .006 Oversize Bronze Gear
MSD85551	1 Distributor Pro-Billet
MSD85561	1 Distributor Pro-Billet w/Slip
MSD85705	Distributor, SB Chevy
MSD8570	Distributor, Chevy
MSD8572	Distributor Corvette Tach
MSD8579	Distributor, Ford
MSD85805	5 Distributor
MSD8582	Ford Distributor

MSD84335



MSD RED CAP/ROTOR KIT

The kit includes MSD Cap, PN 8433 and Race Rotor, PN 8467.

FEATURES

The cap and rotor of any ignition system must be considered maintenance items. Just as you change the oil and filter of your car, you should always replace the cap and rotor as a set. To make things easy, we now offer these Cap and Rotor Replacement Kits.

DISTRIBUTOR ACCESSORIES

PART #	DESCRIPTION
MSD7445	Pro-Cap Cap-A-Dapt Kit Fits
MSD8010	Clamp/Distributor Hold Down/Ford
MSD8173	2-Pin Connector
MSD8180	Connector Deutsch 6-Pin
MSD8181	Connector Deutsch 4-Pin
MSD8187	Connector Deutsch 4-Pin
MSD8190	Pins & Seal Male
MSD8191	Pins & Seal Female
MSD8276	Pickup Assy
MSD83647	Digital HEI Module GM
MSD8384	Dual Pick-Up
MSD84085	MSD Cap/Rotor Kit 8408, 8423 Ford Style
MSD8421	Rotor Assy
MSD8423	Cap-A-Dapt Chevy
MSD8431	Distributor Cap
MSD8433	HEI Terminal Cap
MSD8437	Distributor Cap
MSD8442	Distributor Cap and Rotor MSD/GM
MSD8445	Cap-A-Dapt
MSD8446	Adapter Base

PART #	DESCRIPTION
MSD8464	Advance Kit
MSD8467	Rotor Chevy/Ford
MSD8468	Vacuum Advanced Lockout
MSD8471	Bronze Gear
MSD8501	Ultimate HEI Kit w/PN 8364
MSD8531	Distributor Gear
MSD8539	Adj Collar
MSD8541	Distributor Cap
MSD8561	Distributor Gear Iron MSD Chevy
MSD8581	Bronze Gear
MSD8583	Distributor Gear Bronze
MSD8584	Single Pick-Up
MSD8585	351W Bronze Gear
MSD8830	Noise Capacit
MSD8862	Shielded Magnetic Pickup
MSD8985	Timing Tapes for Harmonic
MSDASY10039	Chevy Distributor Shaft
MSDASY10042	Plate Assembly
MSDPRD10071	Reluctor for MSD85551
MSDPRD29783	Buick Distributor Gear

DIGITAL 6AL IGNITION CONTROL

The ignition that set the standard by which all others are judged. Includes a built-in rev limiter.

FEATURES

- High output with 530 volts and 135mJ of spark energy
- Efficient components use less current to produce more power
- Set an rpm limit with two rotary dials in 100 rpm increments
- Built-in LED for system checks
- All wires exit through a locked, sealed connector
- Compatible with 4, 6 or 8-cylinder engines



MSD6425

MSD 7AL-2 IGNITION CONTROL

A staple in the drag race community, features a built-in 2 step rev control and its famous high output spark energy.

FEATURES

- Built-in two step rev control
- Operates on 4, 6 or 8-cylinder engines
- Troubleshooting LED for spark output diagnostics
- Terminal strips for improved and easier wiring



MSD7222

IGNITION BOXES

PART #	DESCRIPTION
MSD5520	Street Fire Ign, w/Rev Control
MSD6425	6AL Ignition Box High Performance
MSD64316	Ignition Box
MSD6631	MSD 6 HVC-L Ignition
MSD7222	MSD 7AL-2 Plus Pro Race 468
MSD7330	7AL-3 Pro Drag Race Ignition
MSD7720	Power Grid Ignition Control
MSD7730	Power Grid System Controller
MSD7761	Arc Module, Power Grid
MSD84661	1 Dist Magpick

IGNITION BOX ACCESSORIES

PART #	DESCRIPTION
MSD6430	6ALN w/Weatherpack
MSD6601	MSD 6 HVC Professional Race
MSD7555	Adapter/Spark Pickup
MSD7740	4 Connector Bus Hub for Power
MSD8172	3-Pin Connector
MSD8183	Connector Deutsch 2-Pin
MSD8184	Connector Deutsch 2-Pin
MSD8494	Dist O-Rings
MSD8677	Adjustable RPM Module
MSD8740-5500	5500 RPM Chip, (Single)
MSD8740-5600	5600 RPM Chip, (Single)
MSD8740-6200	6200 RPM Chip, (Single)
MSD8740-6300	6300 RPM Chip, (Single)
MSD8740-6400	6400 RPM Chip, (Single)
MSD8740-6500	6500 RPM Chip, (Single)
MSD8740-6600	6600 RPM Chip, (Single)
MSD8740-6700	6700 RPM Chip, (Single)
MSD8740-6800	6800 RPM Chip, (Single)
MSD8740-6900	6900 RPM Chip, (Single)
MSD8740-7000	7000 RPM Chip, (Single)
MSD8740-7100	7100 RPM Chip, (Single)
MSD8740-7200	7200 RPM Chip, (Single)
MSD8740-7300	7300 RPM Chip, (Single)
MSD8740-7400	7400 RPM Chip, (Single)
MSD8740-7500	7500 RPM Chip, (Single)
MSD8740-7600	7600 RPM Chip, (Single)
MSD8740-7700	7700 RPM Chip, (Single)

PART #	DESCRIPTION
MSD8740-7800	7800 RPM Chip, (Single)
MSD8740-7900	7900 RPM Chip, (Single)
MSD8740-8000	8000 RPM Chip, (Single)
MSD8740-8100	8100 RPM Chip, (Single)
MSD8740-8200	8200 RPM Chip, (Single)
MSD8740-8300	8300 RPM Chip, (Single)
MSD8740-8400	8400 RPM Chip, (Single)
MSD8740-8500	8500 RPM Chip, (Single)
MSD8740-8600	8600 RPM Chip, (Single)
MSD8740-8700	8700 RPM Chip, (Single)
MSD8740-8800	8800 RPM Chip, (Single)
MSD8740-8900	8900 RPM Chip, (Single)
MSD8740-9000	9000 RPM Chip, (Single)
MSD8740-9100	9100 RPM Chip, (Single)
MSD8740-9200	9200 RPM Chip, (Single)
MSD8740-9300	9300 RPM Chip, (Single)
MSD8740-9400	9400 RPM Chip, (Single)
MSD8740-10000	10000 RPM Chip, (Single)
MSD87461	1 Module Kit 6000 Series Odd
MSD8748	5/CARD 8-8800
MSD8755	Chip Holder
MSD8800	MSD 7 Mounts
MSD8823	MSD 6 Mounts
MSD8824	2-Pin Connect
MSD8860	Cable Assy/2 Wire/6"
MSD8950	RPM Switch
MSDASY14582	Mounting Plate



MSD8600

CHEVY SMALL BLOCK 6.25" BALANCER CRANK TRIGGER KIT

Crank trigger kit for use with MSD 6, 7 or 8-series ignition and timing accessories.

FEATURES

- 6.25" Diameter
- Absolutely the most accurate way to trigger the ignition.
- The non-magnetic pickup cannot be false triggered.
- Powerful magnets are embedded in a billet aluminum trigger wheel.
- Kits feature special brackets and mounting hardware for a variety of engines.

MSD 6 HVC COIL

The HVC Coil is designed exclusively for the HVC Professional Racing Ignition Control, PN 6631, PN 6632.

FEATURES

- E-Core design produces more voltage and current while running 50% cooler than canister coils
- Massive laminations and windings are engineered for less energy loss
- Delivers high voltage to ionize the plug gap while the spark glows with high current

HVC-2 COIL, 7 SERIES IGNITIONS

The ultimate racing coil for your MSD 7 or 8 ignition control!

FEATURES

- Designed for racing applications with an MSD 7 or 8 Series Ignition Control
- New U-core winding design produces more voltage and current
- 70:1 turns ratio and lower primary resistance produce high voltage output
- Windings are encased in fracture resistant compound for vibration resistance
- Dupont Rynite housing with isolated tower and brass primary terminals
- Supplied with rubber shock mounts

CRANK TRIGGERS

PART #	DESCRIPTION
MSD16051	Billet Arm for MSD8600
MSD6632	MSD 6HVC-L Pro IGN w/Soft
MSD8600	Crank Trigger 6.25"
MSD8610	SBC Crank Trigger
MSD8620	BBC Crank Trigger
MSD8640	SBF Crank Trigger Kit



MSD8250

IGNITION COILS

PART #	DESCRIPTION
MSD8202	Coil Blaster 2
MSD8207	Coil E-Core Street Blaster
MSD8210	Coil Selector
MSD8223	Blaster 3 Coil
MSD8250	HVC Coil
MSD8261	Ignition Coil HVC-2 7

IGNITION COIL ACCESSORIES

PART #	DESCRIPTION
MSD8203	Coil/Blaster 2/w/Ballast
MSD8213	Coil Bracket
MSD8222	Blaster Coil High Vibration
MSD8225	GM HEI Coil
MSD8251	Pro Power HVC Coiluse
MSD8252	Blaster HVC
MSD8253	Ignition Coil HVC-2 6
MSD8825	Procoil Mount



MSD8261

BLACK SUPER CONDUCTOR UNIVERSAL 8 CYL. 90°

Set includes terminals for engines with early type (socket) and late type (HEI "spark plug top") distributor caps. 90° boots and terminals factory installed on one end.

FEATURES

- Extra long 8.5mm wire so you can cut to your desired length
- Includes both socket-style and spark plug-style boots and terminals
- Includes Mini-Stripper-Crimper



PLUG WIRES

PART #	DESCRIPTION
MSD31183	3 Wire Set Black SC 8 Cyl
MSD31199	9 Wire Set Super Cond. 8 Cyl
MSD31229	9 Wire Set/Super Cond./V8/90
MSD31233	3 Wire Set Black SC
MSD31239	9 Wire Set/Super Cond./V8/90
MSD84039	9 Coil Wire Replacement
MSD34615	5 Terminal/Spark Plug

PLUG WIRE ACCESSORIES

PART #	DESCRIPTION
MSD3411	Pro-Heat Guard/Plug Wire
MSD8804	Spark Guard
MSD8841	Plug Wire Spacer Kit



MSD31233

TOOLS

PART #	DESCRIPTION
MSD3509	Crimp Jaws/Weatherpak
MSD3510	Crimp Jaws Deutsch
MSD35051	Pro Crimp Tool Ratchet
MSD8193	Pin Extractor
MSD8991	Timing Light/Pro/Self
MSD8992	Timing Pro Timing Light
MSD8998	Ignition Tester, Single



MSD35051

MISCELLANEOUS

PART #	DESCRIPTION
MSD5095	Starter APS Chevy/GM Small
MSD8812	Kill Switch Wheel Mounted Push
MSD8732	Digital 2-Step Rev Control, RPM Controls
MSD8987	Start and Step Timing Control, RPM Controls



MSD8998



MSD5095



MSD8812



MSD8732

ACCESS TO COMPLETE PRODUCT LINE AVAILABLE



RACING SPARK PLUGS HIGH PERFORMANCE

From professional racers with extremely modified engines to the weekend warrior, all levels of performance enthusiasts count on the advanced technology built into NGK Racing Spark Plugs.

To withstand the severe conditions that occur in racing engines, NGK Racing Spark Plugs feature electrode materials and configurations as follows:

- Electrode materials - Many use precious metals such as platinum or gold/palladium for greater durability and lower voltage requirements.
- Electrode configurations - Fine-wire center electrodes provide better sparking and enhanced ignitability.
- Fine-wire ground electrodes further improve the ignitability of the plug.
- Insulator configurations - Special configurations are used for the insulator noses to improve throttle response.



SPARK PLUGS

PART #	STOCK #	THREAD	REACH	HEX	SEAT	RESISTOR
NGK-R5671A-10	5820	14mm	3/4"	5/8"	Gasket	Non-Resistor
NGK-R5671A-9	5238	14mm	3/4"	5/8"	Gasket	Non-Resistor
NGK-R5724-8	7317	14mm	.708"	5/8"	Tapered	Non-Resistor
NGK-R5671A-8	4554	14mm	3/4"	5/8"	Gasket	Non-Resistor
NGK-R5671A-11	6596	14mm	3/4"	5/8"	Gasket	Non-Resistor
NGK-R5674-7	5034	14mm	.460"	5/8"	Tapered	Non-Resistor
NGK-R6061-10	5962	14mm	3/4"	13/16"	Gasket	Non-Resistor
NGK-R5673-8	3249	14mm	.460"	5/8"	Tapered	Non-Resistor
NGK-R5674-8	5657	14mm	.460"	5/8"	Tapered	Non-Resistor
NGK-R5671A-7	4091	14mm	3/4"	5/8"	Gasket	Non-Resistor
NGK-R5673-9	3442	14mm	.460"	5/8"	Tapered	Non-Resistor
NGK-R5672A-9	7405	14mm	3/4"	5/8"	Gasket	Non-Resistor
NGK-TR6	4177	14mm	.708"	5/8"	Tapered	Non-Resistor
NGK-BKR7E	4644	14mm	3/4"	5/8"	Gasket	-
NGK-R5672A-8	7173	14mm	3/4"	5/8"	Gasket	Non-Resistor
NGK-TR5	2238	14mm	.708"	5/8"	Tapered	Non-Resistor
NGK-R5673-7	2817	14mm	.460"	5/8"	Tapered	Non-Resistor
NGK-R5724-9	7891	14mm	.708"	5/8"	Tapered	Non-Resistor
NGK-R5672A-10	7942	14mm	3/4"	5/8"	Gasket	Non-Resistor
NGK-R5674-9	6468	14mm	.460"	5/8"	Tapered	Non-Resistor
NGK-R5673-10	4050	14mm	.460"	5/8"	Tapered	Non-Resistor
NGK-B9EFS	1085	14mm	.708"	5/8"	Tapered	-
NGK-R5724-10	7993	14mm	.708"	5/8"	Tapered	Non-Resistor
NGK-R5674-6	4449	14mm	.460"	5/8"	Tapered	Non-Resistor
NGK-TR55	3951	14mm	.708"	5/8"	Tapered	-
NGK-BKR5ES-11	2382	14mm	3/4"	5/8"	Gasket	-
NGK-R5673-8	3249	14mm	.460"	5/8"	Tapered	Non-Resistor
NGK-R5672A-8	7173	14mm	3/4"	5/8"	Gasket	Non-Resistor
NGK-R6061-10	5962	14mm	3/4"	13/16"	Gasket	Non-Resistor
NGK-B9EGV	5827	14mm	3/4"	13/16"	Gasket	Non-Resistor
NGK-R6061-11	2773	14mm	3/4"	13/16"	Gasket	Non-Resistor
NGK-B10EGV	5927	14mm	3/4"	13/16"	Gasket	Non-Resistor
NGK-R6252K-105	2741	14mm	3/4"	13/16"	Gasket	Non-Resistor
NGK-R5673-6	2405	14mm	.460"	5/8"	Tapered	Non-Resistor
NGK-R5670-7	2891	14mm	3/8"	13/16"	Gasket	Non-Resistor
NGK-R5670-6	2746	14mm	3/8"	13/16"	Gasket	Non-Resistor
NGK-R5670-5	2298	14mm	3/8"	13/16"	Gasket	Non-Resistor
NGK-R5670-8	3354	14mm	3/8"	13/16"	Gasket	Non-Resistor
NGK-R6725-115	4482	14mm	21.5mm	13/16"	Gasket	Non-Resistor
NGK-B95EGV	2145	14mm	3/4"	13/16"	Gasket	Non-Resistor

NOTE: Spark Plug Cross Reference Chart on page 328.

LASER PLATINUM & LASER IRIDIUM

Economical performance and improved ignitability over nickel spark plugs. Original Equipment manufacturer approved and preferred.



- Lasers are used for pin point precision welds, reducing excess debris. The reduction of debris decreases the required voltage to bridge the spark gap.
- Laser Platinum spark plugs feature Platinum alloy ground and center electrodes reduce the wear rate on both of these surfaces.
- Laser Iridium spark plugs feature Iridium alloy on the center electrode and platinum disk welded on ground electrode reduces the wear rate on both of these surfaces.
- Ensures great durability and long life.

IRIDIUM IX

Designed specifically for the performance enthusiast. Iridium IX offers extreme ignitability, improved throttle response and superior anti fouling.



- Fine tipped Iridium center electrode ensures high durability and a consistently stable spark.
- Trivalent metal plating has superior anti-corrosion and anti-seizing properties.
- Iridium alloy has extremely high melting point, perfect for today's high-performance engines.
- Outstanding acceleration, high fuel efficiency and durability.

G-POWER

Improved fuel efficiency, lower emissions and quicker starts.



- Fine platinum alloy tip reduces required voltage.
- Faster starts and quicker acceleration.
- Extremely durable under high heat.
- Better fuel economy and lower emissions.
- Trivalent metal plating has superior anti-corrosion and anti-seizing properties.
- Best platinum spark plug at an economical cost.

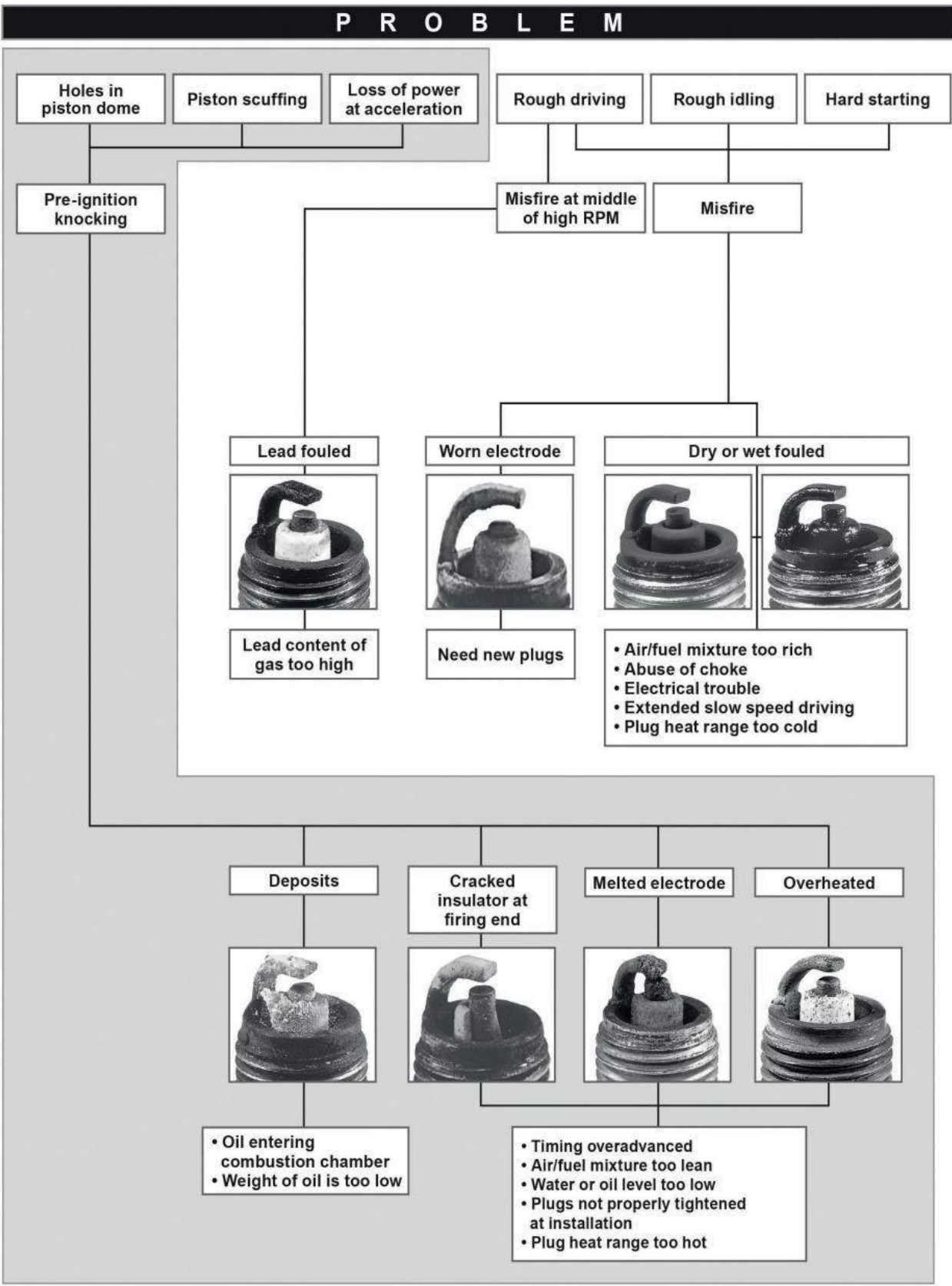
V-POWER

Economical performance and improved ignitability over standard nickel alloy spark plugs. Original Equipment manufacturer and racer approved.



- Lowers ignition system voltage requirements.
- Increased fuel economy and lower emissions.
- Greater ignitability and performance over conventional spark plugs.
- Highly durable against electrical and chemical wear.
- Trivalent metal plating has superior anti-corrosion and anti-seizing properties.
- Good performance spark plug.

ACCESS TO COMPLETE PRODUCT LINE AVAILABLE





R4 DRY SUMP PUMPS

Peterson Fluid Systems dry sump pumps utilize a revolutionary twisted lobed rotor design. This new design has allowed us to use all aluminum rotors saving a huge amount of weight while also increasing performance. Our internal scavenge manifold and shallow depth screw in fittings make for a low profile, modular pump which is available with 3 through 6 stages. Pumps can be outfitted with numerous options as well to be suited to a variety of applications. Available for a 1.200" Scavenge Rotors and 1.400 Scavenge Rotor/ left and right side.

1.200" SCAVENGE ROTORS LEFT SIDE

DESCRIPTION	3 STAGE	4 STAGE	5 STAGE	6 STAGE
Single Return, 1.2" Pressure	PFS04-3000	PFS04-4000	PFS04-5000	PFS04-6000
Single Return, 1.4" Pressure	PFS04-3002	PFS04-4002	PFS04-5002	PFS04-6002
Single Return, 1.2" Pressure, Rear Drive	PFS04-3004	PFS04-4004	PFS04-5004	PFS04-6004
Single Return, 1.4" Pressure, Rear Drive	PFS04-3006	PFS04-4006	PFS04-5006	PFS04-6006

RIGHT SIDE

DESCRIPTION	3 STAGE	4 STAGE	5 STAGE	6 STAGE
Single Return, 1.2" Pressure	PFS04-3020	PFS04-4020	PFS04-5020	PFS04-6020
Single Return, 1.4" Pressure	PFS04-3022	PFS04-4022	PFS04-5022	PFS04-6022
Single Return, 1.2" Pressure, Rear Drive	PFS04-3024	PFS04-4024	PFS04-5024	PFS04-6024
Single Return, 1.4" Pressure, Rear Drive	PFS04-3026	PFS04-4026	PFS04-5026	PFS04-6026

1.400" SCAVENGE ROTORS LEFT SIDE

DESCRIPTION	3 STAGE	4 STAGE	5 STAGE	6 STAGE
Single Return, 1.2" Pressure	PFS04-3060	PFS04-4060	PFS04-5060	PFS04-6060
Single Return, 1.4" Pressure	PFS04-3062	PFS04-4062	PFS04-5062	PFS04-6062
Single Return, 1.2" Pressure, Rear Drive	PFS04-3064	PFS04-4064	PFS04-5064	PFS04-6064
Single Return, 1.4" Pressure, Rear Drive	PFS04-3066	PFS04-4066	PFS04-5066	PFS04-6066

RIGHT SIDE

DESCRIPTION	3 STAGE	4 STAGE	5 STAGE	6 STAGE
Single Return, 1.2" Pressure	PFS04-3070	PFS04-4070	PFS04-5070	PFS04-6070
Single Return, 1.4" Pressure	PFS04-3072	PFS04-4072	PFS04-5072	PFS04-6072
Single Return, 1.2" Pressure, Rear Drive	PFS04-3074	PFS04-4074	PFS04-5074	PFS04-6074
Single Return, 1.4" Pressure, Rear Drive	PFS04-3076	PFS04-4076	PFS04-5076	PFS04-6076

BELLOUSINGS 1.200" SCAVENGE ROTORS

DESCRIPTION	3 STAGE	4 STAGE	5 STAGE	6 STAGE
Single Return, 1.4" Pressure, Rear Drive	PFS04-3056	PFS04-4056	PFS04-5056	PFS04-6056

R4 FITTINGS

The R4 fittings are CNC machined from billet aluminum and anodized for durability. They feature a shallow depth screw in design to save weight.

PART #	DESCRIPTION
PFS14-0002	Plug
PFS14-0006	-6AN
PFS14-0008	-8AN
PFS14-0010	-10 AN
PFS14-0012	-12 AN
PFS14-0016	-16 AN
PFS14-0020	-20 AN



REAR DRIVE ADAPTERS

The R4 pump with a rear drive design that saves you weight and money. We offer adapters for all of the popular power steering and fuel pumps designed to be run off the back of a pump.

PART #	DESCRIPTION
PFS14-2190	Fuel Pump Adapter
PFS14-2194	Sweet Standard Power Steering Pump
PFS14-2195	Sweet Toyota Power Steering Pump
PFS14-2196	Sweet Toyota RD Power Steering Pump
PFS14-2197	Fuel Pump Adapter, 4 Bolt



PULLEY FLANGES

Flanges press into Peterson pulleys and act as belt guides. Machined from billet aluminum and anodized for durability. Sold in packages of one. Flanges fit 1" and 1 1/4" wide pulleys. Must re-drill access hole after installation.

PART #	DESCRIPTION
PFS05-0628	Fits 06-0328, 06-1334, 06-1335
PFS05-0632	Fits 05-0332, 06-0332
PFS05-1638	Fits 05-1338, 06-1338
PFS05-1639	Fits 05-1339, 06-1339
PFS05-1640	Fits 05-1340, 06-1340



LIGHTWEIGHT PUMP PULLEYS 5/8" BORE 3/16" KEYWAY

PART #	DESCRIPTION
PFS06-1336	1.020" Wide, 36 Tooth
PFS06-1338W	1.25" Wide, 38 Tooth
PFS06-1339W	1.25" Wide, 39 Tooth



PETERSON OIL & FUEL FILTERS

400 SERIES DIMENSIONS 7" LONG x 2.5" DIAMETER

Peterson Fluid Systems 400 Series filters provide the best filtering available for fuel or oil. Features include anodized billet body and caps for durability and resistance to fluid corrosion, stainless steel mesh element for corrosion resistance, and pleated element for high flow. Available in -8 thru -20 AN. Filter elements available in 45, 60, 75, and 100 micron stainless steel or 10/20micron cellulose, with or without bypass.

REPLACEMENT PARTS: OIL FILTER ELEMENTS

PART #	DESCRIPTION
PFS09-0460	60 Micron, 8, 10, 12, 16 Filter Element w/o Bypass Gold/Black End Caps
PFS09-1440	100 Micron, 8, 10, 12, 16 Filter Element w/o Bypass Gold/Purple End Caps



PETERSON FUEL FILTERS

600 SERIES DIMENSIONS 4.5" LONG x 2" DIAMETER

Peterson's 600 series filter features our same quality filter in a smaller package for fuel systems. Billet aluminum construction, anodizing and a stainless screen element assure durability and compatibility with most fuels. These filters also have the option of an integral ball valve in the inlet cap. Available in 45, 60 and 100 micron stainless steel elements or 10/20 micron cellulose element. End caps are available -4 through -12 AN.

FILTER MOUNT BRACKETS: SMALL BODY 2" OD FILTER

PART #	DESCRIPTION
PFS09-0694	Firewall Mount



PETERSON OIL & FUEL FILTERS

700 SERIES -4 AN INLINE DIMENSIONS 3" LONG x 1.125" DIAMETER

700 SERIES -6,-8 AN INLINE DIMENSIONS 4" LONG x 1.125" DIAMETER

700 Series Filters from Peterson feature a small compact size for final filtering of fuel or oiling of accessories such as turbos or valve train sprayers. They feature the same anodized aluminum construction and pleated stainless steel elements of our larger filters. Available as an inline version in -4 through -8 AN Male and also as a direct mount Carb filters with either AN male or female in -6 or -8 AN.

REPLACEMENT PARTS: 700 SERIES FILTERS

PART #	DESCRIPTION
PFS09-0760	60 Micron, Gold/Black End Caps



REMOTE FILTER MOUNT W/ENGINE OIL PRIMER

Peterson's primer filter mount allows you to use a standard drill to prime your engine easily. Utilizing our unique R4 rotor design, this small pump can give you 20psi of oil pressure in as little as 10 seconds to make sure all your bearing surfaces are properly oiled cutting down on engine wear. Features billet aluminum construction, AN port fittings and tube or firewall mount.

PART #	DESCRIPTION	OIL FILTERS
PFS09-1561	1-1/2 -12 Post w/-12AN Fittings, Left Side Primer Inlet	Wix 51222R
PFS09-1571	1-1/2 -12 Post w/-12AN Fittings, Right Side Primer Inlet	Fram HP6
PFS09-1502	Chevy Post, Left to Right w/-12 AN Fittings	Fram HP4
PFS09-1504	Chevy Post, Right to Left w/-12 AN Fittings	51061R
PFS09-1512	Ford Post, Left to Right w/-12 AN Fittings	HP1
PFS09-1514	Ford Post, Right to Left w/-12 AN Fittings	51515R



MOUNT BRACKETS

PART #	DESCRIPTION
PFS09-1590	Mount Bracket 1-1/4" Tube
PFS09-1591	Mount Bracket 1-3/8" Tube
PFS09-1592	Mount Bracket 1-1/2" Tube
PFS09-1593	Mount Bracket 1-3/4" Tube
PFS09-1584	Mount Bracket Small Firewall





DIRT LATE MODEL TANK W/FILTER

Peterson's redesigned Dirt Late Model filter tank that features a simpler design with improved performance. The new high flow spin on filter inside the cap makes checking your return oil filter much simpler. A built in dip stick takes away the guessing of how full the tank is. Screw on fittings with a radiused full flow design eliminates any back pressure on the return line. This tank has the reliable Peterson quality, no mess breather design and full baffling that has made Peterson tanks the choice of top teams in all forms of motorsports.

PART #	DESCRIPTION
PFS08-9016	4 Gallon Tank
PFS08-9018	5 Gallon Tank



OIL TANKS

Peterson "New Generation" oil tanks are the leader in tank technology. Manufactured using aircraft quality components, internal baffling provides excellent deaeration of the scavenge oil while maintaining a tall column of oil over the pickup. The tanks disassemble easily and the tank tips can rotate in relation to the bottoms for ease in fitting placement. Available in 1.5 gallon, 2 gallon, 2.5 gallon, 3 gallon, 4 gallon and 5 gallon with single or dual scavenge inlet.

BREATHER CANS

Remote breather cans with internal baffling are excellent when breathing your dry sump tank to atmosphere.

PART #	DESCRIPTION
PFS08-0400	Peterson Spun Alum., Complete w/(2) -12AN Female Ports and -6 Drain Plug



Breather Can

OIL TANK HEATERS

Pre-heating of oil in dry or wet sump systems is important to ensure good lubrication upon initial start-up. Our immersion style heaters do a great job of pre-heating your oil, however, it requires welding a bung into the tank.

PART #	DESCRIPTION
PFS08-0300	300 Watt immersion style heater. 110 Volt with detachable cord set. Comes complete w/both steel and aluminum 1/2" NPT weld bung.



Oil Tank Heaters

FILTER TANK ACCESSORIES

PART #	DESCRIPTION
PFS08-1900	100 Micron Element - Purple
PFS08-0290	Filter Box Lid - Single
PFS08-0291	Filter Box Lid - Dual
PFS08-0292	Filter Box Studs
PFS13-2801	Filter Box Nuts
PFS13-2802	Filter Box Washers

OIL TANK MOUNT BRACKETS

Peterson mount brackets are machined from billet aircraft aluminum for durability. The straps are stainless steel. These mounts are used on winning cars in NASCAR Sprint Cup and other forms of racing.

PART #	DESCRIPTION
PFS08-0101	Mount Bracket 9" Diameter Tank. Sold in pairs.

TANK DIP STICK

You asked for it and we have answered. Introducing the new dip stick for our whole line of dry sump oil tanks. Features include a wide contoured handle, aluminum construction and knurled end to help with reading oil level. Available in different lengths for our whole line of old style tanks.

PART #	DESCRIPTION
PFS08-1103	Dipstick 5 Gallon and DLM Tanks

DIRT LATE MODEL MOUNT BRACKETS

CNC Machined aluminum mount bracket clamps to 1-1/2" tubing. Stainless mount straps, EPDM rubber on straps. Eliminates need to weld brackets to frame. Two piece design makes installation a snap.

PART #	DESCRIPTION
PFS08-0106	Clamp Style 9" Tank Bracket 1-1/2" Tube

ONE WAY VALVE POP OFF

Breather assembly is installed in valve cover on engine's running crankcase in vacuum condition. Valve seals engine from air entering engine, but opens in the event of crankcase pressure, allowing crankcase to vent. Available in either valve cover mount with -12 AN port bung, -16 AN Inline or -12 AN Inline for plumbing from valve cover.

PART #	DESCRIPTION
PFS08-0450	One Way Pop Off Valve Cover Mount

MANIFOLD END RAIL SPACERS (SBC)

Peterson's end rail spacers fill the gap between the manifold and lifter valley end rail when using raised port heads. Available in various thicknesses they are supplied as a kit consisting of a spacer for the water pump and distributor end and 4 ea 3/16" roll pins to secure them to the block. Requires drilling the block for installation.

PART #	DESCRIPTION
PFS09-1060	Set Manifold Spacers .125" Thick w/Roll Pins
PFS09-1061	Set Manifold Spacers .187" Thick w/Roll Pins
PFS09-1062	Set Manifold Spacers .250" Thick w/Roll Pins
PFS09-1063	Set Manifold Spacers .375" Thick w/Roll Pins
PFS09-1064	Set Manifold Spacers .500" Thick w/Roll Pins

PART #	DESCRIPTION
PFS09-1065	Set Manifold Spacers .625" Thick w/Roll Pins
PFS09-1070	3/16" Roll Pins, 3/8" Long (Pkg 10)
PFS09-1071	3/16" Roll Pins, 1/2" Long (Pkg 10)
PFS09-1072	3/16" Roll Pins, 3/4" Long (Pkg 10)

OIL INLET FITTINGS

Peterson's oil inlet fittings are made to allow oil input at the front of the block over the water pump on small block Chevy engines. Available in several pipe and AN sizes to fit most applications.

PART #	DESCRIPTION
PFS15-1075	12 AN x 1/2" NPT x 3.8" Steel w/(2) 1/8" NPT Ports
PFS15-1080	10AN x 10AN Port x 3.250" Aluminum
PFS15-1081	10AN x 10AN Port x 3.750" Aluminum
PFS15-1082	12AN x 10AN Port x 3.250" Aluminum
PFS15-1083	12AN x 10AN Port x 3.750" Aluminum

PART #	DESCRIPTION
PFS15-1090	10AN x 12AN Port x 3.250" Aluminum
PFS15-1091	10AN x 12AN Port x 3.750" Aluminum
PFS15-1092	12AN x 12AN Port x 3.250" Aluminum
PFS15-1093	12AN x 12AN Port x 3.750" Aluminum



ACCESS TO COMPLETE PRODUCT LINE AVAILABLE

DENSO STYLE RACE PREPPED RACE ALTERNATORS

- True one wire hookup
- 12 Volt, 16 Volt, and XS Volt
- Great output to weight ratios
- Our smallest and lightest!
- Only 5.75 lbs w/o pulley



RACING ALTERNATORS

PART #	DESCRIPTION
PM8132	Natural Racing Alternator-Denso
PM8142	Natural Racing Alternator-Denso
PM8162	Racing Alternator - Mini Denso
PM8162-UNM	50A One Wire Mini Denso
PM8172	Racing Alternator - Mini Denso
PM8182	Racing Alternator - Mini Denso
PM8166	Racing Alternator - Mini Denso



THE INFICLOCK SYSTEM

- InficLOCK Design for 360 degree rotation
- The lightest 200 ft. lb. starter available
- Clears most oil pans and headers
- No heat soak or hot start problems
- Machined aluminum adapter block
- Adjustable mounting block on most

STARTERS

PART #	DESCRIPTION
PM9400	Natural Ultratorque Starter, G
PM9500	XS Torque Starter for Chevy 16
PM9502	XS Torque Starter for Chevy 15
PM9503	XS Torque Starter for Ford 289
PM9514	XS Torque Starter for Bert/Brinn
PM9600	Mastertorque Starter Chevy 168
PM9100	Natural PowerMAX Starter 160
PM9439	Starter 9Tooth 10Pitch
PM9503X	Demo Starter - Ford



PM181 ALTERNATOR PULLEY

- Single Groove V-Belt
- 2.8" Diameter
- Black

PULLEYS

PART #	DESCRIPTION
PM181	3" Deep V-Belt Billet Aluminum Alternator Pulley
PM182	4" Deep V-Belt Billet Aluminum Alternator Pulley

BRACKETS

PART #	DESCRIPTION
PM722	Bracket - High Mount for 8072



ACCESS TO COMPLETE PRODUCT LINE AVAILABLE



PERFORMANCE FROM START TO FINISH



**SHELF STOCK &
CUSTOM APPLICATIONS
AVAILABLE**

1000 SERIES

The 1000 Series of springs is the foundation of the PSI stable. This series launched PSI as a leader in the performance valve spring market. As time and technology have progressed, the 1000 Series springs have become the race tested workhorse for the budget minded racer. With their excellent strength and dynamic stability, these springs are a great value for anyone looking to improve the performance of their valvetrain.

1500 SERIES

This series has all the benefits of the 1200's plus an additional nitriding operation. The nitriding process, which is also done in-house, increases the strength at the surface of the wire and at the same time causes a slight softening of the core material. This trade-off in hardness results in a gain in endurance for the Circle Track and Road Circuit teams who are limited by the on-set of fatigue at the wire surface. Since Drag racers are not limited by endurance, the loss of core hardness does not make nitriding suitable for their applications.

RML SERIES

PSI's engineers used the latest advancements in valve spring material technology to create the ultimate high strength material used in drag racing called the RML series. The RML series includes many of the popular valve spring design's along with some new designs that utilize this high strength material. The RML series valve springs have been tested by many of the top teams and have proven to provide the ultimate load retention capability available.

1200 SERIES

Through PSI's program of continuous product improvement, the 1200 Series builds on the success of the 1000 Series by employing advanced heat-treating operations. These heat treatments increase the strength of the base materials. This increase in strength result in improvement to the fatigue limit of the wire and better resistance to load loss. These factors together allow the engine builder to push the valve train set-up to the next level.

MAX LIFE SERIES PREPARATION (ML)

A proprietary, multi-step surface enhancement process that has been proven to increase spring endurance, Max Life processing is available for any level of PSI spring and is very beneficial for those looking for increased endurance while maintaining their existing set-up.

TCRE SERIES

NOW AVAILABLE:
TCRE Springs tip
condition retainer end
for some applications.



ENDURANCE SPRINGS

1000 SERIES

PART #	DESCRIPTION	APPLICATION	OD	ID OUTER	ID MIDDLE	ID INNER	SEAT PRESSURE	OPEN PRESSURE	RATE LB/N	RETAINER STEP	MAX LIFT	COIL BIND	Recommended Matching Components	
													TITANIUM RETAINERS	STEEL LOCATORS
PSICT103	Single	Go Kart	.916"	.676"	N/A	N/A	30lbs@1.250"	103lbs@.730"	140	.000"	.520"	.680"	N/A	N/A
PSICT1043XL	Dual	Circle Track	1.580"	1.160"	N/A	.835"	235lbs@1.950"	600lbs@1.250"	521	.100"	.700"	1.170"	530-LTW	3385

1200 SERIES

PART #	DESCRIPTION	APPLICATION	OD	ID OUTER	ID MIDDLE	ID INNER	SEAT PRESSURE	OPEN PRESSURE	RATE LB/N	RETAINER STEP	MAX LIFT	COIL BIND	Recommended Matching Components	
													TITANIUM RETAINERS	STEEL LOCATORS
PSICT1205D*	Single	Drag & Late Model Stock	1.530"	1.115"	N/A	N/A	120lbs@1.875"	350lbs@1.225"	354	.000"	.650"	1.110"	510	N/A
PSICT1225	Dual	Late Model Stock	1.445"	1.060"	N/A	.775"	140lbs@1.950"	435lbs@1.200"	393	.070"	.750"	1.100"	526-LTW	3325
PSICT1226	Dual	Sprint Cup	1.460"	1.060"	N/A	.765"	195lbs@2.000"	525lbs@1.250"	440	.070"	.750"	1.150"	526-LTW	3329
PSICT1227	Dual	Circle Track	1.560"	1.150"	N/A	.825"	200lbs@2.000"	555lbs@1.275"	490	.100"	.725"	1.170"	571-LTW	3371
PSICT1240	Dual	Circle Track	1.500"	1.085"	N/A	.790"	250lbs@2.030"	610lbs@1.250"	462	.100"	.780"	1.200"	540-LTW	3340
PSICT1242	Dual	Circle Track	1.580"	1.160"	N/A	.835"	248lbs@2.050"	640lbs@1.270"	503	.100"	.780"	1.200"	530-LTW	3385
PSICT1242D*	Dual	Circle Track	1.580"	1.155"	N/A	.755"	250lbs@2.050"	650lbs@1.270"	513	.070"	.780"	1.200"	529D-LTW	3309
PSICT1243	Dual	Circle Track	1.580"	1.160"	N/A	.835"	230lbs@2.000"	610lbs@1.270"	521	.100"	.730"	1.200"	530-LTW	3385
PSICT1244	Dual	Circle Track	1.610"	1.160"	N/A	.835"	235lbs@2.050"	640lbs@1.300"	540	.100"	.750"	1.220"	530-LTW	3385
PSICT1245	Dual	Marine	1.610"	1.160"	N/A	.835"	275lbs@2.050"	680lbs@1.300"	540	.100"	.750"	1.230"	530-LTW	3385
PSICT1277	Dual	Circle Track	1.510"	1.085"	N/A	.760"	230lbs@1.875"	655lbs@1.195"	625	.070"	.680"	1.110"	574-LTW	3374

*with Damper

1500 SERIES

PART #	DESCRIPTION	APPLICATION	OD	ID OUTER	ID MIDDLE	ID INNER	SEAT PRESSURE	OPEN PRESSURE	RATE LB/N	RETAINER STEP	MAX LIFT	COIL BIND	Recommended Matching Components	
													TITANIUM RETAINERS	STEEL LOCATORS
PSICT1509ML*	Single	Beehive-VW	1.180"	.630"	N/A	N/A	130lbs@1.450"	250lbs@1.000"	267	.000"	.450"	.950"	-	-
PSILS1510ML	Single	Beehive - Viper	1.170"	.680"	N/A	N/A	105lbs@1.750"	317lbs@1.155"	356	.000"	.595"	1.090"	N/A	N/A
PSILS1511ML	Single	Beehive - LS1 & LS6	1.290"	.630"	N/A	N/A	130lbs@1.800"	370lbs@1.175"	384	.000"	.625"	1.100"	511	N/A
PSILS1512ML	Dual	LS1 & LS6	1.275"	.935"	N/A	.665"	130lbs@1.800"	395lbs@1.150"	408	.100"	.650"	1.070"	512	3312
PSILS1514ML	Dual	Late Model Stock	1.275"	.935"	N/A	.665"	160lbs@1.900"	400lbs@1.350"	436	.100"	.550"	1.230"	512	3312
PSILS1515ML	Single	Beehive - HEMI & LS7	1.290"	.640"	N/A	N/A	140lbs@1.950"	405lbs@1.300"	408	.000"	.650"	1.225"	511	-
PSILS1516ML*	Single	Beehive - HEMI & LS7	1.290"	.640"	N/A	N/A	150lbs@1.800"	420lbs@1.140"	409	.000"	.660"	1.080"	511	-
PSICT1526ML	Dual	Sprint Cup	1.460"	1.060"	N/A	.765"	195lbs@2.00"	530lbs@1.250"	447	.070"	.750"	1.150"	526-LTW	3329
PSICT1539ML	Dual	Circle Track	1.500"	1.085"	N/A	.790"	200lbs@2.000"	575lbs@1.220"	481	.100"	.780"	1.150"	540-LTW	3340
PSICT1540ML	Dual	Circle Track	1.500"	1.085"	N/A	.790"	250lbs@2.030"	610lbs@1.250"	462	.100"	.780"	1.180"	540-LTW	3340
PSICT1541ML	Dual	Circle Track	1.510"	1.085"	N/A	.790"	240lbs@2.030"	625lbs@1.250"	494	.100"	.780"	1.180"	540-LTW	3340
PSICT1542ML	Dual	Circle Track	1.580"	1.160"	N/A	.835"	248lbs@2.050"	640lbs@1.270"	503	.100"	.780"	1.200"	530-LTW	3385
PSICT1571ML	Dual	Circle Track	1.590"	1.140"	N/A	.815"	250lbs@2.050"	710lbs@1.270"	590	.100"	.780"	1.200"	571-LTW	3371
PSICT1572ML	Dual	Circle Track	1.510"	1.085"	N/A	.775"	180lbs@1.980"	650lbs@1.180"	588	.100"	.800"	1.110"	572-LTW	3325
PSICT1573ML	Dual	Circle Track	1.550"	1.100"	N/A	.775"	220lbs@2.030"	743lbs@1.250"	671	.100"	.780"	1.180"	573ND	3325
PSICT1573DML	Damper	Circle Track	1.550"	1.100"	N/A	.705"	220lbs@2.030"	730lbs@1.250"	654	.100"	.780"	1.180"	573-LTW	3302
PSICT1574ML	Dual	Circle Track	1.510"	1.085"	N/A	.760"	180lbs@1.980"	680lbs@1.180"	625	.070"	.800"	1.110"	574	3374
PSICT1575ML	Dual	Circle Track	1.400"	0.995"	N/A	.700"	150lbs@2.000"	625lbs@1.150"	559	.070"	.850"	1.100"	575	3302
PSICT1576ML	Dual	Circle Track	1.550"	1.100"	N/A	.760"	200lbs@2.030"	780lbs@1.250"	744	.100"	.780"	1.180"	576	3374
PSICT1577DML	Damper	Circle Track	1.550"	1.100"	.990"	.706"	295lbs@2.000"	860lbs@1.200"	706	.100"	.800"	1.150"	573-LTW	3302
PSICT1577DML+25	Damper	Circle Track	1.550"	1.100"	.990"	.706"	320lbs@2.000"	885lbs@1.200"	706	.100"	.800"	1.150"	573-LTW	3302
PSICT1578ML	Dual	Circle Track	1.378"	.976"	N/A	.680"	150lbs@2.000"	640lbs@1.150"	576	.000"	.850"	1.110"	578	3378
PSICT1579ML*	Dual	Circle Track	1.420"	.996"	N/A	.700"	240lbs@2.100"	834lbs@1.200"	660	.100"	.900"	1.160"	579-TL	3302
PSICT1580ML*	Dual	Circle Track	1.510"	1.085"	N/A	.760"	205lbs@1.980"	705lbs@1.180"	625	.070"	.800"	1.110"	574	3374

*NEW

ENDURANCE SPRINGS - OVERHEAD CAM APPLICATIONS

1500 SERIES

PART #	DESCRIPTION	APPLICATION	OD	ID OUTER	ID MIDDLE	ID INNER	SEAT PRESSURE	OPEN PRESSURE	RATE LB/N	RETAINER STEP	MAX LIFT	COIL BIND	Recommended Matching Components	
													TITANIUM RETAINERS	STEEL LOCATORS
PSICT1530ML	Dual	Overhead Cam	1.205"	.910"	N/A	.670"	80lbs@1.250"	255lbs@.730"	337	.000"	.520"	.690"	N/A	N/A
PSICT1531ML	Dual	Overhead Cam	1.205"	.910"	N/A	.670"	110lbs@1.185"	290lbs@.700"	371	.000"	.485"	.650"	N/A	N/A
PSICT1532ML	Dual	Overhead Cam	1.205"	.910"	N/A	.670"	90lbs@1.430"	265lbs@.830"	292	.000"	.600"	.800"	N/A	N/A
PSICT1534ML	Dual	Overhead Cam	1.205"	.910"	N/A	.670"	116lbs@1.400"	288lbs@.830v	302	.000"	.570"	.780"	N/A	N/A
PSICT1536ML	Dual	Overhead Cam	1.220"	.910"	N/A	.670"	115lbs@1.420"	309lbs@.850"	340	.000"	.570"	.800"	N/A	N/A
PSICT1537ML	Dual	Overhead Cam	1.220"	.910"	N/A	.670"	110lbs@1.360"	310lbs@.800"	357	.000"	.560"	.750"	N/A	N/A
PSIMX16.01	Single	Overhead Cam	.634"	.450"	N/A	N/A	26lbs@1.100"	72lbs@.720"	121	.000"	.380"	.670"	N/A	N/A
PSIMX18.02	Single	Overhead Cam	.708"	.512"	N/A	N/A	32lbs@1.100"	86lbs@.720"	142	.000"	.380"	.670"	N/A	N/A
PSIMX19.02	Single	Overhead Cam	.731"	.491"	N/A	N/A	37lbs@1.260"	132lbs@.890"	257	.000"	.370"	.840"	N/A	N/A
PSIMX19.03	Single	Overhead Cam	.731"	.491"	N/A	N/A	47lbs@1.496"	135lbs@1.146"	251	.000"	.350"	1.096"	N/A	N/A
PSIMX19.04	Single	Overhead Cam	.717"	.491"	N/A	N/A	37lbs@1.260"	115lbs@.890"	211	.000"	.370"	.840"	N/A	N/A
PSIMX19.05	Single	Overhead Cam	.740"	.514"	N/A	N/A	30lbs@1.309"	106lbs@.929"	200	.000"	.380"	.900"	N/A	N/A
PSIMX20.01A	Single	Overhead Cam	.754"	.514"	N/A	N/A	39lbs@1.525"	131lbs@1.150"	244	.000"	.375"	1.100"	N/A	N/A
PSIMX20.02	Single	Overhead Cam	.780"	.510"	N/A	N/A	39lbs@1.525"	164lbs@1.124"	313	.000"	.401"	1.050"	N/A	N/A
PSIMX20.03ML	Dual	Overhead Cam	.770"	.565"	N/A	.440"	43lbs@1.150"	98lbs@.750"	138	.000"	.400"	.675"	N/A	N/A
PSIMX20.04	Single	Overhead Cam	.756"	.560"	N/A	N/A	30lbs@1.060"	73lbs@.680"	113	.000"	.380"	.630"	N/A	N/A
PSIMX20.05	Single	Overhead Cam	.761"	.491"	N/A	N/A	47lbs@1.496"	158lbs@1.146"	317	.000"	.350"	1.096"	N/A	N/A

ENDURANCE SPRINGS - OVERHEAD CAM APPLICATIONS (CONTINUED)

1500 SERIES													Recommended Matching Components	
PART #	DESCRIPTION	APPLICATION	OD	ID OUTER	ID MIDDLE	ID INNER	SEAT PRESSURE	OPEN PRESSURE	RATE LB/N	RETAINER STEP	MAX LIFT	COIL BIND	TITANIUM RETAINERS	STEEL LOCATORS
PSIMX20.06	Single	Overhead Cam	.740"	.514"	N/A	N/A	39lbs@1.437"	120lbs@1.062"	216	.000"	.375"	1.027"	N/A	N/A
PSIMX20.07	Single	Overhead Cam	.784"	.514"	N/A	N/A	58lbs@1.604"	180lbs@1.229"	325	.000"	.375"	1.195"	N/A	N/A
PSIMX20.08	Single	Overhead Cam	.784"	.514"	N/A	N/A	51lbs@1.604"	155lbs@1.229"	277	.000"	.375"	1.195"	N/A	N/A
PSIMX21.03	Single	Overhead Cam	.800"	.560"	N/A	N/A	33lbs@1.317"	115lbs@.957"	228	.000"	.360"	.877"	N/A	N/A
PSIMX21.04	Single	Overhead Cam	.800"	.560"	N/A	N/A	33lbs@1.317"	121lbs@.920"	223	.000"	.397"	.840"	N/A	N/A
PSIMX21.05ML	Dual	Overhead Cam	.830"	.605"	N/A	.445"	41lbs@1.375"	124lbs@.975"	208	.000"	.400"	.750"	N/A	N/A
PSIMX21.07	Single	Overhead Cam	.825"	.575"	N/A	N/A	35lbs@1.240"	126lbs@.852"	235	.000"	.388"	.802"	N/A	N/A
PSIMX21.09	Single	Overhead Cam	.800"	.560"	N/A	N/A	35lbs@1.315"	130lbs@.935"	250	.000"	.380"	.890"	N/A	N/A
PSIMX22.01	Single	Overhead Cam	.845"	.575"	N/A	N/A	35lbs@1.319"	158lbs@.915"	304	.000"	.404"	.865"	N/A	N/A
PSIMX23.01	Single	Overhead Cam	.895"	.625"	N/A	N/A	45lbs@1.322"	149lbs@.889"	240	.000"	.433"	.849"	N/A	N/A
PSIMX24.01	Single	Overhead Cam	.934"	.650"	N/A	N/A	50lbs@1.416"	175lbs@1.031"	325	.000"	.385"	.981"	N/A	N/A
PSIMX24.02	Single	Overhead Cam	.934"	.650"	N/A	N/A	40lbs@1.337"	165lbs@.902"	287	.000"	.435"	.852"	N/A	N/A
PSIMX24.03ML	Dual	Overhead Cam	.910"	.685"	N/A	.525	69lbs@1.250"	153lbs@.750"	167	.000"	.500"	.650"	N/A	N/A
PSIMX24.04	Single	Overhead Cam	.910"	.670"	N/A	N/A	25lbs@1.160"	100lbs@.760"	188	.000"	.400"	.710"	N/A	N/A
PSIMX26.01ML	Dual	Overhead Cam	1.005"	.735"	N/A	.550"	90lbs@1.200"	195lbs@.815"	273	.000"	.385"	.740"	N/A	N/A
PSIMX26.02	Single	Overhead Cam	1.000"	.730"	N/A	N/A	35lbs@1.160"	130lbs@.760"	238	.000"	.400"	.710"	N/A	N/A
PSIBH28.01ML	Beehive	Ford 3 Valve	1.065"	.565"	N/A	N/A	80lbs@1.650"	255lbs@1.100"	318	.000"	.550"	1.040"	N/A	N/A
PSIBH28.02ML	Beehive	Ford 2 Valve	1.060"	.565"	N/A	N/A	85lbs@1.650"	220lbs@1.100"	245	.000"	.550"	1.040"	N/A	N/A
PSIBH29.01ML	Beehive	Ford 4 Valve	1.105"	.595"	N/A	N/A	75lbs@1.500"	260lbs@.950"	336	.000"	.550"	.890"	N/A	N/A
PSICT29.02ML	Dual	Ford 4 Valve	1.135"	.850"	N/A	.610"	90lbs@1.500"	270lbs@.950"	327	.000"	.550"	.910"	N/A	N/A
PSICT32.01ML	Dual	Overhead Cam	1.225"	.930"	N/A	.690"	42lbs@1.450"	192lbs@.950"	300	.070"	.500"	.818"	N/A	N/A
PSICT32.02ML	Dual	Overhead Cam	1.235"	.910"	N/A	.670"	97lbs@1.255"	281lbs@.833"	436	.030"	.422"	.800"	N/A	N/A
PSICT33.01ML	Dual	Overhead Cam	1.290"	.966"	N/A	.716"	95lbs@1.145"	305lbs@.715"	488	.000"	.430"	.690"	N/A	N/A

DRAG SPRINGS

1000 SERIES													Recommended Matching Components	
PART #	DESCRIPTION	APPLICATION	OD	ID OUTER	ID MIDDLE	ID INNER	SEAT PRESSURE	OPEN PRESSURE	RATE LB/N	RETAINER STEP	MAX LIFT	COIL BIND	TITANIUM RETAINERS	STEEL LOCATORS
PSIDR1047XL	Triple	Drag	1.660"	1.195"	.870"	.630"	300lbs@2.070"	900lbs@1.270"	750	.100"	.800"	1.130"	565	3370
PSIDR1048XL	Triple	Drag	1.660"	1.195"	.870"	.630"	338lbs@2.100"	1002lbs@1.200"	738	.100"	.900"	1.130"	565	3370
1200 SERIES													Recommended Matching Components	
PART #	DESCRIPTION	APPLICATION	OD	ID OUTER	ID MIDDLE	ID INNER	SEAT PRESSURE	OPEN PRESSURE	RATE LB/N	RETAINER STEP	MAX LIFT	COIL BIND	TITANIUM RETAINERS	STEEL LOCATORS
PSIDR1206	Beehive	Drag	1.250"	.650"	N/A	N/A	150lbs@1.800"	410lbs@1.250"	473	.000"	.550"	1.190"	-	-
PSIDR1224	Dual	Drag	1.625"	1.175"	N/A	.855"	275lbs@2.000"	750lbs@1.200"	594	.100"	.800"	1.130"	524-LTW	3344
PSIDR425R	Dual	Drag	1.625"	1.175"	N/A	.855"	305lbs@2.050"	865lbs@1.150"	622	.100"	.900"	1.100"	524	3344
PSIDR426R	Dual	Drag	1.500"	1.075"	N/A	.765"	300lbs@2.050"	840lbs@1.150"	600	.100"	.900"	1.100"	555	3374
PSIDR427RML	Dual	Drag	1.300"	.898"	N/A	.628"	230lbs@1.850"	715lbs@1.100"	647	.100"	.750"	1.050"	-	-
PSIDR1246	Triple	Drag	1.645"	1.195"	.870"	.630"	300lbs@2.000"	890lbs@1.200"	738	.100"	.800"	1.100"	565	3370
PSIDR1247	Triple	Drag	1.660"	1.195"	.870"	.630"	340lbs@2.070"	940lbs@1.270"	750	.100"	.800"	1.130"	565	3370
PSIDR1248	Triple	Drag	1.660"	1.195"	.870"	.630"	375lbs@2.100"	1045lbs@1.200"	744	.100"	.900"	1.130"	565	3370
PSIDR1249	Triple	Drag	1.660"	1.195"	.870"	.630"	385lbs@2.200"	1110lbs@1.200"	725	.100"	1.000"	1.130"	565	3370
PSIDR1250	Triple	Drag	1.660"	1.195"	.870"	.630"	395lbs@2.250"	1178lbs@1.200"	746	.100"	1.050"	1.130"	565	3370
PSIDR1251	Triple	Drag	1.660"	1.195"	.870"	.630"	395lbs@2.300"	1176lbs@1.250"	744	.100"	1.050"	1.130"	565	3370
PSIDR1252RML	Triple	Drag	1.660"	1.195"	.870"	.630"	425lbs@2.250"	1300lbs@1.200"	833	.100"	1.050"	1.080"	565	3370
PSIDR1253RML	Triple	Drag	1.630"	1.180"	.870"	.630"	440lbs@2.200"	1200lbs@1.150"	724	.100"	1.050"	1.080"	553	3370
PSIDR1254RML	Dual	Drag	1.520"	1.070"	N/A	.745"	350lbs@2.100"	1040lbs@1.200"	767	.100"	.900"	1.140"	555	3309
PSIDR1255RML	Dual	Drag	1.520"	1.070"	N/A	.745"	445lbs@2.200"	1170lbs@1.200"	725	.100"	1.000"	1.140"	555	3309
PSIDR1256RML	Dual	Drag	1.540"	1.070"	N/A	.745"	380lbs@2.200"	1240lbs@1.200"	860	.100"	1.000"	1.140"	555	3309
PSIDR1257RML	Dual	Drag	1.570"	1.070"	N/A	.745"	410lbs@2.150"	1260lbs@1.300"	1000	.100"	.850"	1.200"	557	3309
PSIDR1258RML	Dual	Drag	1.530"	1.065"	N/A	.726"	430lbs@2.200"	1375lbs@1.200"	945	.100"	1.000"	1.140"	N/A	N/A
PSIDR1260RML	Triple	Drag	1.675"	1.195"	.870"	.630"	465lbs@2.300"	1295lbs@1.250"	790	.100"	1.050"	1.140"	565	3370
PSIDR1261RML	Triple	Drag	1.675"	1.195"	.870"	.630"	510lbs@2.300"	1315lbs@1.250"	767	.100"	1.050"	1.140"	565	3370
PSIDR1262RML	Triple	Drag	1.710"	1.210"	.870"	.630"	515lbs@2.300"	1460lbs@1.250"	900	.100"	1.050"	1.140"	562	3365
PSIDR1263RML	Triple	Drag	1.675"	1.195"	.870"	.630"	425lbs@2.400"	1355lbs@1.250"	809	.100"	1.150"	1.100"	565	3370
PSIDR1264RML	Triple	Drag	1.710"	1.210"	.870"	.630"	380lbs@2.550"	1530lbs@1.250"	885	.100"	1.300"	1.140"	562	3365
PSIDR1265RML	Triple	Drag	1.710"	1.210"	.870"	.630"	550lbs@2.300"	1495lbs@1.250"	900	.100"	1.050"	1.140"	562	3365
PSIDR1266RML	Triple	Drag	1.710"	1.210"	.870"	.630"	525lbs@2.300"	1550lbs@1.250"	976	.100"	1.050"	1.140"	562	3365
PSIDR1267RML	Triple	Drag	1.740"	1.240"	.880"	.630"	400lbs@2.550"	1600lbs@1.250"	923	.100"	1.300"	1.180"	562	3365
PSIDR1268RML	Triple	Drag	1.710"	1.210"	.870"	.630"	500lbs@2.400"	1612lbs@1.250"	967	.100"	1.150"	1.140"	562	3365
PSIDR1269RML	Dual	Drag	1.520"	1.070"	N/A	.730"	445lbs@2.200"	1230lbs@1.200"	785	.100"	1.000"	1.140"	568	3300
PSIDR1281RML	Dual	Drag	1.540"	1.070"	N/A	.730"	390lbs@2.200"	1310lbs@1.200"	920	.100"	1.000"	1.140"	568	3300
PSIDR1282RML	Dual	Drag	1.555"	1.075"	N/A	.735"	540lbs@2.350"	1464lbs@1.300"	880	.100"	1.050"	1.230"	568	3300
PSIDR1283RML	Dual	Drag	1.585"	1.075"	N/A	.735"	550lbs@2.350"	1590lbs@1.300"	990	.100"	1.050"	1.230"	568	3300
PSIDR1284RML*	Dual	Drag	1.500"	1.020"	N/A	.700"	450lbs@2.375"	1435lbs@1.325"	938	.075"	1.050"	1.225"	584-LTW	3302

*NEW

DRAG SPRINGS (CONTINUED)

TITANIUM													Recommended Matching Components	
PART #	DESCRIPTION	APPLICATION	OD	ID OUTER	ID MIDDLE	ID INNER	SEAT PRESSURE	OPEN PRESSURE	RATE LB/N	RETAINER STEP	MAX LIFT	COIL BIND	TITANIUM RETAINERS	STEEL LOCATORS
PSIDR1655	Dual	Drag	1.750"	1.185"	N/A	.685"	340lbs@2.250"	1100lbs@1.300"	800	.100"	.950"	1.180"	655	N/A

DRAG SPRINGS - OVERHEAD CAM APPLICATIONS

1200 SERIES													Recommended Matching Components	
PART #	DESCRIPTION	APPLICATION	OD	ID OUTER	ID MIDDLE	ID INNER	SEAT PRESSURE	OPEN PRESSURE	RATE LB/N	RETAINER STEP	MAX LIFT	COIL BIND	TITANIUM RETAINERS	STEEL LOCATORS
PSIDR1221RML	Dual	Pro Stock Motorcycle	1.215"	.890"	N/A	.650"	150lbs@1.400"	450lbs@.750"	462	.075"	.650"	.710"	N/A	N/A
PSIDR1222RML	Dual	Pro Stock Motorcycle	1.215"	.890"	N/A	.650"	150lbs@1.450"	473lbs@.750"	461	.075"	.700"	.710"	N/A	N/A
PSIDR1223RML	Dual	Pro Stock Motorcycle	1.215"	.890"	N/A	.650"	165lbs@1.450"	488lbs@.750"	461	.075"	.700"	.710"	N/A	N/A
PSIDR1223RML+30	Dual	Pro Stock Motorcycle	1.215"	.890"	N/A	.650"	195lbs@1.450"	518lbs@.750"	461	.075"	.700"	.710"	N/A	N/A

DRAG SPRINGS COMPONENTS

SPRING PART #	X2 RETAINERS	XCEL DYNE 10 RETAINERS	XCEL DYNE MINI 10 RETAINERS	XCEL DYNE 8 RETAINERS	X2 SPRING LOCATOR	X2 SPRING CUP
PSIDR1224	X2R-10524	N/A	N/A	XRE524-LTW	X2SS-3344	N/A
PSIDR425	X2R-10524	N/A	N/A	XRE524-LTW	X2SS-3344	N/A
PSIDR426	N/A	XRE555-LTW-10	N/A	XRE555-LTW	X2SS-3374	N/A
PSIDR1047	X2R-10565/565-LTW	XRE565-10-LTW	XRE565-LTW-10	XRE565-LTW/565-TL	X2SS-3365	X2SS-3370
PSIDR1048	X2R-10565/565-LTW	XRE565-10-LTW	XRE565-LTW-10	XRE565-LTW/565-TL	X2SS-3365	X2SS-3370
PSIDR1246	X2R-10565/565-LTW	XRE565-10-LTW	XRE565-LTW-10	XRE565-LTW/565-TL	X2SS-3365	X2SS-3370
PSIDR1247	X2R-10565/565-LTW	XRE565-10-LTW	XRE565-LTW-10	XRE565-LTW/565-TL	X2SS-3365	X2SS-3370
PSIDR1248	X2R-10565/565-LTW	XRE565-10-LTW	XRE565-LTW-10	XRE565-LTW/565-TL	X2SS-3365	X2SS-3370
PSIDR1249	X2R-10565/565-LTW	XRE565-10-LTW	XRE565-LTW-10	XRE565-LTW/565-TL	X2SS-3365	X2SS-3370
PSIDR1250	X2R-10565/565-LTW	XRE565-10-LTW	XRE565-LTW-10	XRE565-LTW/565-TL	X2SS-3365	X2SS-3370
PSIDR1251	X2R-10565/565-LTW	XRE565-10-LTW	XRE565-LTW-10	XRE565-LTW/565-TL	X2SS-3365	X2SS-3370
PSIDR1252	X2R-10565/565-LTW	XRE565-10-LTW	XRE565-LTW-10	XRE565-LTW/565-TL	X2SS-3365	X2SS-3370
PSIDR1253RML	N/A	XRE553-10-LTW	N/A	XRE553-LTW	X2SS-3365	X2SS-3370
PSIDR1254RML	N/A	XRE555-LTW-10	XRE557	XRE555-LTW	X2SS-3309/3310	N/A
PSIDR1255RML	N/A	XRE555-LTW-10	XRE557	XRE555-LTW	X2SS-3309/3310	N/A
PSIDR1256RML	N/A	XRE555-LTW-10	XRE557	XRE555-LTW	X2SS-3309/3310	N/A
PSIDR1257RML	N/A	XRE555-LTW-10	XRE557	XRE555-LTW	X2SS-3309/3310	N/A
PSIDR1260	X2R-10565/565-LTW	XRE565-10-LTW	XRE565-LTW-10	XRE565-LTW/565-TL	X2SS-3365	X2SS-3370
PSIDR1261	X2R-10565/565-LTW	XRE565-10-LTW	XRE565-LTW-10	XRE565-LTW/565-TL	X2SS-3365	X2SS-3370
PSIDR1262	N/A	N/A	N/A	XRE562-LTW/562-TL	X2SS-3365	X2SS-3362
PSIDR1263RML	X2R-10565/565-LTW	XRE565-10-LTW	XRE565-LTW-10	XRE565-LTW/565-TL	X2SS-3365	X2SS-3370
PSIDR1264RML	N/A	N/A	N/A	XRE562-LTW/562-TL	X2SS-3365	X2SS-3362
PSIDR1265RML	N/A	N/A	N/A	XRE562-LTW/562-TL	X2SS-3365	X2SS-3362
PSIDR1266RML	N/A	N/A	N/A	XRE562-LTW/562-TL	X2SS-3365	X2SS-3362
PSIDR1267RML	N/A	N/A	N/A	XRE562-LTW/562-TL	X2SS-3365	X2SS-3362
PSIDR1268RML	N/A	N/A	N/A	XRE562-LTW/562-TL	X2SS-3365	X2SS-3370
PSIDR1280RML	N/A	XRE568-10	XRE568-MINI10	N/A	X2SS-3300	N/A
PSIDR1281RML	N/A	XRE568-10	XRE568-MINI10	N/A	X2SS-3300	N/A
PSIDR1282RML	N/A	XRE568-10	XRE568-MINI10	N/A	N/A	N/A
PSIDR1283RML	N/A	XRE568-10	XRE568-MINI10	N/A	N/A	N/A
PSIDR1284RML	N/A	N/A	N/A	XRE584-LTW	X2SS-3302	N/A



ACCESS TO COMPLETE PRODUCT LINE AVAILABLE



ENGINEERED TECHNOLOGY

From stock replacement to professional-level racing, all Quarter Master® clutches are built with premium internal friction material for high torque capacity and engineered to reduce moment of inertia for lightweight power transfer. With service kits and replacement friction discs available, a Quarter Master® clutch is a race-winning investment.

CLUTCHES

PART #	DESCRIPTION
QM225080	Clutch Pack/2D/5.5"/1-1/8"
QM225090	Clutch Pack/2D/5.5"/1-5/32"
QM226080	Clutch Pack/2D/7.25"/1-1/8"
QM27517090	Opt. V-Clutch 5.5/2D/1-5/32x26
QM28517090	Scalloped Button BTN 2-Disc Clutch
QM28517190ZZ	V-Drive Clutch 5.5/2D/1-5/32x26
QM309390	Clutch Pack/3D/7.25"/1-1/8"
QM309395	Disc Pack/3D/7.25/1-5/32x26
QM325080	Clutch Pack/3D/5.5"/1-1/8"
QM325090	Clutch Pack/3D/5.5"/1-5/32"
QM385090	V-Drive Clutch 5.5/3D/1-5/32x2
QM38517090	V-Drive Clutch 5.5/3D/1-5/32x2
QM38530290	Scalloped Button 3-Disc
QM398158	Clutch Chevy VDR BTN FW



RACE-WINNING PERFORMANCE

Quarter Master® bellhousings are CAD-designed and precision CNC-machined to ultra-tight tolerances to offer state-of-the-art performance and long lasting durability. In addition to individual bellhousing units, Quarter Master® also offers a wide variety of bellhousing kits that come with expertly matched bellhousing, clutch, starter, release bearing, flywheel and everything needed for installation.

BELLHOUSINGS

PART #	DESCRIPTION
QM110005	Ball Stud/Chevy
QM110432	Bellhousing SBC/SBF/20lbs New
QM110440	Steel Bellhousing SBC 17lbs
QM43327591	Bell Housing Kit



BALANCED STRENGTH

Quarter Master® flywheels, flexplates and ring gears are engineered to offer the ultimate combination of light weight and durability in order to withstand the stresses of modern, high-RPM racing engines. When paired with an Ultra-Duty™ Starter, these components ensure that you will never get left behind at the starting line again.

FLYWHEELS

PART #	DESCRIPTION
QM505001	Flywheel Bolt Kit/Chevy
QM505170SC	SCAL BTN Chevy V8 V6
QM505171SCZZ	Button Flywheel 5.5 Late Chevy
QM505302SC	Scalloped Button Ford
QM509113SC	Scalloped 7.25" Chevy
QM509121	Flexplate/153T/Chevy V8
QM509171	UP SBC Flexplate 153
QM509180	Light Flexplate Chevy SB
QM509181	Light Flexplate Chevy SB
QM509322	Flexplate/157T/Ford V8/5.1





BULLETPROOF RELIABILITY

Made with premium components that are blueprinted, hand assembled and tested at the Quarter Master® facility, Ultra-Duty™ Starters are the most durable and reliable starters on the market today. Available for popular Chevy, Ford and Chrysler applications, these starters utilize a heavy-duty solenoid and ball bearing construction that can withstand the temperatures and demands of high-compression engines.

STARTERS

PART #	DESCRIPTION
QM114004SS	12V Solenoid for QM Starter
QM114044	Pinion Return Spring STD
QM114260	Starter fits QM Rear Mount
QM114280	Starter/153 & 168T/SBC
QM114283	Starter Drive
QM114300	Starter/157T/Ford/fits



PRESSURE PLATES

PART #	DESCRIPTION
QM105501	Pressure Plate Pro 5.5"
QM108707	COT Pressure Plate



RELEASE BEARINGS

PART #	DESCRIPTION
QM710100	Hydraulic Release Bearing
QM710101	Seal Kit/Hydraulic Release
QM710104	Replacement Bearing & Sleeve/fits
QM710105	Remote Bleeder Line Kit
QM710200	Hydraulic Release Race Bearing 7.25"
QM730101	Hydraulic Bearing Seal Kit
QM730205	Tri-Lite Hydraulic Race Bearing 2.05"
QM730215	Tri-Lite Hydraulic Race Bearing 2.15" Piston
QM730225	Tri-Lite Hydraulic Race Bearing 2.25"
QM731185	Tri-Lite Hydraulic Race Bearing
QM731205	Tri-Lite Bearing & Piston
QM731215	Tri-Lite Bearing & Piston Replacement
QM731225	Tri-Lite Bearing & Piston



RING GEARS

PART #	DESCRIPTION
QM110010	Ring Gear 7.25" Rear Mt QM Bell



BOLTS

PART #	DESCRIPTION
QM205508	Bolt Kit/5.5"/2-Disc
QM305508	Bolt Kit/5.5"/3-Disc

MISCELLANEOUS

PART #	DESCRIPTION
QM105030	Clutch RB 1.750" Contact
QM105406	5.5 V-Drive Floater Plate
QM105506	Floater Plate/5.5"/Pro
QM110011	Pilot Bushing/Chevy
QM110012	Pilot Bushing/Ford w/GM
QM110013	Pilot Bushing/Chevy/Long
QM110018	5.5 Cover Mount Ring Gear
QM1100183M	M Spacer for 5.5" Ring
QM508707	Floater Plate
QM660091	Alignment Tool 1-5/32X26 GM



ACCESS TO COMPLETE PRODUCT LINE AVAILABLE

ROLLMASTER

Rollmaster timing sets are light weight and stronger than any other timing set available due to the weight savings of billet steel and CNC machinery. No additional machining is required to fit these sets or the need for offset bushings or drilling of cam gears.

Every small and big block Chevrolet comes standard with a brass thrust washer and is available with an optional one-piece Torrington thrust bearing. You will find Rollmaster has included brass thrust washers to most of our timing sets including Ford for increased performance and reliability.

Our one-piece Torrington thrust bearings can be applied to most of our timing sets.

TIMING COMPONENTS

PART #	DESCRIPTION
RM3DR58-2	SBC Replacement Chain;1001
RM-CS1050	SB Chevy 265-400
RM-CS2040	BB Chevy K1045 Gears Both
RM-CS3031	Windsor 289-351W PRE EFI
RM-CS3071	Windsor HO 302 EFI



ACCESS TO COMPLETE PRODUCT LINE AVAILABLE



F43 SERIES 4340 FORGED STEEL CRANKSHAFTS

4340 Forged Steel Crankshafts are exceptionally light (40-42 lbs.), pendulum cut with profiled counterweights & gun drilled main line holes. Crankshafts are nitride hardened for increased wear resistance. Straight shot chamfered oil holes improve lubrication.

SB CHEVY 350

PART #	DESCRIPTION	STROKE	ROD LENGTH	ROD JOURNAL
SCAT4-350-3480-5700-18LW	Honda Journal, 2-pc. Rear Seal	3.480"	5.700"	1.888"
SCAT4-350-3480-5700-20LW	Sm. Journal, 2-pc. Rear Seal	3.480"	5.700"	2.000"
SCAT4-350-3480-5700-21LW	Large Journal, 2-pc. Rear Seal	3.480"	5.700"	2.100"
SCAT4-350-3500-5700	SBC Forged Nitrided	3.500"	5.700"	2.100"
SCAT4-350-3500-5700-18LW	Honda Journal, 2-pc. Rear Seal	3.500"	5.700"	1.888"
SCAT4-350-3500-5700-21W	Large Journal, 2-pc. Rear Seal	3.500"	5.700"	2.100"
SCAT4-350-3750-6000-21W	Large Journal, 2-pc. Rear Seal	3.750"	6.000"	2.100"

SB CHEVY 400

PART #	DESCRIPTION	STROKE	ROD LENGTH	ROD JOURNAL
SCAT4-400-4000-6000-21W	Large Journal, 2-pc. Rear Seal	4.00"	6.000"	2.100"

SERIES 9000 - CAST PRO COMP CRANKSHAFTS

Crankshafts for mild racing applications have Aero-wing counterweights, fully chamfered oil holes, .125" fillet radius on all journals, shot-peened surfaces for increased strength, knife edged counterweights, lightening holes in all rod throws and a full round rear flange. Also available in lightweight versions.



SB CHEVY 350

PART #	DESCRIPTION	STROKE	ROD LENGTH	ROD JOURNAL
SCAT9-350-3480-5700	Pro Comp	3.480"	5.700"	2.100"
SCAT9-350-3750-5700	Pro Comp	3.750"	5.700"	2.100"
SCAT9-350-3750-5700-L	Pro Comp	3.750"	5.700"	2.100"
SCAT9-350-3750-6000	Pro Comp	3.750"	6.000"	2.100"

SB CHEVY 400

PART #	DESCRIPTION	STROKE	ROD LENGTH	ROD JOURNAL
SCAT9-400-3500-6000	Pro Comp	3.500"	6.000"	2.100"
SCAT9-400-3750-5700	Pro Comp	3.750"	5.700"	2.100"
SCAT9-400-3750-6000	Pro Comp	3.750"	6.000"	2.100"

SB FORD 302

PART #	DESCRIPTION	STROKE	ROD LENGTH	ROD JOURNAL
SCAT9-302-3400-5400-2123	Pro Comp	3.400"	5.400"	2.123"

SB FORD 351W

PART #	DESCRIPTION	STROKE	ROD LENGTH	ROD JOURNAL
SCAT9-351-385-5955-2311W	Pro Comp	3.850"	5.955"	2.311"



4340 FORGED STEEL CRANKSHAFTS

Cranks are Nitride hardened and straightened with large fillet radius on all journals for increased lubrication. All rod journals have lightening holes. Each crank has straight shot, back-drilled oiling for maximum efficiency. Available in standard, lightweight and superlight models. Lightweight cranks are knife-edged and profiled for weight reduction. Superlight cranks feature pendulum undercut counterweights for additional weight reduction. All cranks are micropolished and inspected.

SB CHEVY 350

PART #	DESCRIPTION	STROKE	ROD LENGTH	ROD JOURNAL
SCAT4-350-3480-5700	Standard	3.480"	5.700"	2.100"
SCAT4-350-3480-5700-2	Lightweight	3.480"	5.700"	2.100"
SCAT4-350-3500-5700-2	Lightweight	3.500"	5.700"	2.100"
SCAT4-350-3500-5700-3	Superlight	3.500"	5.700"	2.100"
SCAT4-350-3500-5700-3-2	Superlight	3.500"	5.700"	2.100"
SCAT4-350-3562-5700-3-2	Superlight	3.562"	5.700"	2.000"
SCAT4-350-3750-5700	Standard	3.750"	5.700"	2.100"
SCAT4-350-3750-5700-L	Standard	3.750"	5.700"	2.100"
SCAT4-350-3750-6000	Standard	3.750"	6.000"	2.100"
SCAT4-350-3750-6000-2	Lightweight	3.750"	6.000"	2.100"
SCAT4-350-3750-6000-3	Superlight	3.750"	6.000"	2.100"
SCAT4-350-3875-6000	Standard	3.875"	6.000"	2.100"
SCAT4-350-3875-6000-2	Lightweight	3.875"	6.000"	2.100"
SCAT4-350-4000-6000	Standard	4.000"	6.000"	2.100"

SB CHEVY 400

PART #	DESCRIPTION	STROKE	ROD LENGTH	ROD JOURNAL
SCAT4-400-3500-6000	Standard	3.500"	6.000"	2.100"
SCAT4-400-3750-5700	Standard	3.750"	5.700"	2.100"
SCAT4-400-3750-6000	Standard	3.750"	6.000"	2.100"
SCAT4-400-3750-6000-3	Superlight	3.750"	6.000"	2.100"
SCAT4-400-3875-6000	Standard	3.875"	6.000"	2.100"

SB FORD 302

PART #	DESCRIPTION	STROKE	ROD LENGTH	ROD JOURNAL
SCAT4-302-3000-5090-2123	Standard	3.000"	5.090"	2.123"
SCAT4-302-3250-5400-2123	Standard	3.250"	5.400"	2.123"
SCAT4-302-3400-5400-2123	Standard	3.400"	5.400"	2.123"
SCAT4-302-3400-54-2123-2	Lightweight	3.400"	5.400"	2.123"
SCAT4-302-3400-54-2123-1	Lightweight	3.400"	5.400"	2.123"

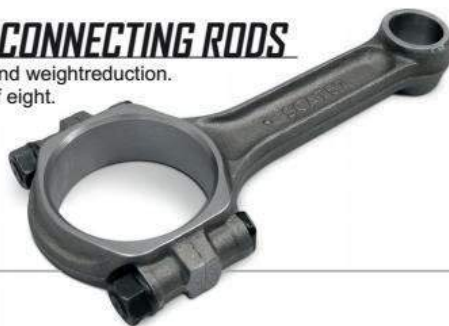


4340 FORGED STOCK REPLACEMENT I-BEAM CONNECTING RODS

Scat forged 4340 I-beam connecting rods are profiled for added clearance and weight reduction. Available in press fit and bushed versions. Rods are sold in balanced sets of eight.

SB CHEVY

PART #	DESCRIPTION	LENGTH	JOURNAL	PIN
SCAT3-ICR5700	Bushed	5.700"	2.100"	.927"
SCAT3-ICR5700P	Press Fit	5.700"	2.100"	.927"
SCAT3-ICR6000	Bushed	6.000"	2.100"	.927"





4340 FORGED PRO STOCK I-BEAM CONNECTING RODS

Available for both Chevy and Ford engines. Rods have dowel pins for precise fit and 12-point ARP cap screws. Available in press fit and bushed versions. Sold in balanced sets of eight.

SB CHEVY

PART #	DESCRIPTION	LENGTH	JOURNAL	PIN
SCAT2-ICR5700-2000	Bushed	5.700"	2.000"	.927"
SCAT2-ICR5700P	Press Fit	5.700"	2.100"	.927"
SCAT2-ICR5700	Bushed	5.700"	2.100"	.927"
SCAT2-ICR5700-7/16	Bushed	5.700"	2.100"	.927"
SCAT2-ICR6000-2000	Bushed	6.000"	2.000"	.927"
SCAT2-ICR6000	Bushed	6.000"	2.100"	.927"
SCAT2-ICR6000-7/16	Bushed	6.000"	2.100"	.927"
SCAT2-ICR6200-7/16	Bushed	6.200"	2.100"	.927"

SB FORD

PART #	DESCRIPTION	LENGTH	JOURNAL	PIN
SCAT2-ICR5400-927	Press Fit (Chevy Pin)	5.400"	2.123"	.927"

4340 FORGED PRO H-BEAM CONNECTING RODS

Profiled H-beam connecting rods are compatible with many popular stroker engines and the doweled caps provide a superb fit. All rods are fitted with ARP bolts and sold in balanced sets of eight.

SB CHEVY 350

PART #	DESCRIPTION	LENGTH	JOURNAL	PIN
SCAT2-350-5700-2100	Bushed	5.700"	2.100"	.927"
SCAT2-350-6000-2100	Bushed	6.000"	2.100"	.927"
SCAT2-350-6000-2100A	Bushed	6.000"	2.100"	.927"
SCAT2-350-6000-1888-QLS	Bushed	6.000"	1.888"	.927"
SCAT2-350-6000-2000-QLS	Bushed	6.000"	2.000"	.927"
SCAT2-350-6125-2100A	Bushed	6.125"	2.100"	.927"
SCAT2-350-6200-2100	Bushed	6.200"	2.100"	.927"

BB CHEVY 454

PART #	DESCRIPTION	LENGTH	JOURNAL	PIN
SCAT2-454-6385-2200	Bushed	6.385"	2.200"	.990"

SB FORD 302

PART #	DESCRIPTION	LENGTH	JOURNAL	PIN
SCAT2-302-5400-2123-927	Bushed	5.400"	2.123"	.927"

SBF 302 STROKER ROTATING ASSEMBLY

PART #	STROKE	LENGTH	BORE
SCAT1-94170BE	3.400"	5.400"	4.03"

ACCESS TO COMPLETE PRODUCT LINE AVAILABLE

SD-20

Formulated to foam away dirt, grease and fingerprints from washable surfaces. Its industrial strength formula tackles a wide range of cleaning jobs from removing heavy soil and wax build-up on baseboards to foaming away grease on exhaust vents and hoods. It will clean painted walls and woodwork and will remove grease from the inside of cabs on tractors. SD-20 will clean white-wall tires whiter than any product of its kind on the market today. SD-20 All Purpose Degreaser aerosol can be turned upside down and sprayed to get into hard to reach nooks and crannies. The clinging foam, no rinse formula allows concentration of the product on stubborn spots and aids in "spot cleaning". Just spray and wipe.

DEGREASER

PART #	DESCRIPTION
SD-20	1lb. 2oz. Can

Sold by the can, ask about volume pricing.



Polished



STAGE 1 WATER PUMPS

Pumps appear stock externally and may be used with stock lines and brackets. The Stage 1 has a precisely machined fan hub for perfect pulley alignment, high flow impeller, special water/anti-freeze compatible seal assembly. Some Stage 1 models are available with a 3/4" ball/roller bearing.

STAGE 2 WATER PUMPS

This water pump features 356-T6 heat-treated, ribbed aluminum castings, extra-rigid cam stops with exclusive 5/8" or 3/4" ball/roller bearings, maximum-flow, close-tolerance nodular iron impellers, machined fan hubs with dual bolt patterns, and water/anti-freeze compatible seal assemblies.

STAGE 3 WATER PUMPS

Stage 3 pumps have precisely machined 1/2" steel billet fan hubs for perfect pulley alignment, and exclusive features like 356-T6 heat treated cast aluminum housings with added ribs in snout for maximum strength. 3/4" ball/roller bearings with 5 times the load carrying capacity of standard double ball bearings. Dual bolt pattern fan hubs have set screws for positive positioning, and extra-rigid cam stops. These pumps use maximum-flow, close-tolerance nodular iron impellers for reduced cavitation and have auxiliary water inlets and 12-point mounting bolts with chrome moly washers. Seals are water/anti-freeze compatible.

STAGE 3 WATER PUMPS

Stage 4 pump incorporates all-new DRV-8 series 8-Vane CNC-machined 6061-T6 billet aluminum impellers and flows up to 41% more water at twice the pressure of traditional units, assuring equal flow to left and right cylinder heads while consuming less horsepower.

CHEVROLET

STAGE 1

PART #	DESCRIPTION	LENGTH	BEARING	SHAFT	INFO
SC11104	BBC Short	5.750"	3/4"	5/8"	-
SC11113	BBC Long	7.287"	3/4"	5/8"	V-Belt 69-96
SC12103	SBC Short	5.625"	3/4"	5/8"	-
SC12203	SBC Short	5.625"	3/4"	3/4"	-
SC13103	SBC Short	5.795"	3/4"	3/4"	Corvette
SC13403	SBC Short	5.795"	3/4"	3/4"	Corvette; OEM Casting
SC13113	SBC Long	6.932"	3/4"	5/8"	-
SC15113	SB Chrysler	5.547"	3/4"	3/4"	Severe Duty; Chevy/Ford Style Hub

STAGE 2

PART #	DESCRIPTION	LENGTH	BEARING	SHAFT	INFO
SC21104	BBC Short	5.750"	3/4"	5/8"	-
SC21113	BBC Long	7.287"	3/4"	5/8"	-
SC21113-HP	BBC Long	7.287"	3/4"	5/8"	Polished
SC21204	BBC Short	5.750"	3/4"	3/4"	Corvette
SC22103	SBC Short	5.625"	3/4"	5/8"	-
SC22203	SBC Short	5.625"	3/4"	3/4"	-
SC23103	SBC Short	5.795"	3/4"	3/4"	Corvette
SC23113	SBC Long	6.932"	3/4"	5/8"	-

STAGE 3

PART #	DESCRIPTION	LENGTH	BEARING	SHAFT	INFO
SC31203	BBC Short	5.750"	3/4"	3/4"	Severe Duty
SC32200	SBC Short	5.625"	3/4"	3/4"	Adj. Mounting Holes
SC32203	SBC Short	5.625"	3/4"	3/4"	-
SC33100	SBC Short	5.795"	3/4"	3/4"	Adj. Mounting Holes
SC33103	SBC Short	5.795"	3/4"	3/4"	-
SC33143	SBC Short	5.795"	3/4"	3/4"	-

STAGE 4

PART #	DESCRIPTION	LENGTH	BEARING	SHAFT	INFO
SC41203	BBC Short	5.750"	3/4"	3/4"	Corvette
SC42200	SBC Short	5.625"	3/4"	3/4"	Adj. Mounting Holes
SC42203	SBC Short	5.625"	3/4"	3/4"	-
SC43100	SBC Short	5.795"	3/4"	3/4"	Adj. Mounting Holes
SC43103	SBC Short	5.795"	3/4"	3/4"	-
SC43143	SBC Short	5.795"	3/4"	3/4"	-
SC43143-CCW	SBC Short	5.795"	3/4"	3/4"	Reverse Rotation



SC22103



SC32200



SC23113



FORD

STAGE 1

PART #	DESCRIPTION	LENGTH	BEARING	SHAFT	INFO
SC16103	SBF Alum w/o Cvr	5.090"	5/8"	5/8"	Pass. Side Inlet
SC16113	Ford 289-351W	5.700"	3/4"	5/8"	-
SC16133	Ford 289-351W	5.734"	3/4"	5/8"	Aluminum, Driver Side Inlet
SC16163	BBF 429-460	5.484"	3/4"	3/4"	Aluminum
SC16183	SBF 289-351W	4.070"	3/4"	5/8"	Rev. Rotation, Driver Side Inlet

STAGE 3

PART #	DESCRIPTION	LENGTH	BEARING	SHAFT	INFO
SC36113	SBF SVO	221-351W	5.700"	3/4"	3/4" -
SC46113-CCW	SBF SVO	221-351W	5.700"	3/4"	3/4" Rev. Rotation

STAGE 4

PART #	DESCRIPTION	LENGTH	BEARING	SHAFT	INFO
SC46113	SBF SVO	221-351W	5.700"	3/4"	3/4" -
SC46114	SBF SVO	Short	5.450"	3/4"	3/4" -

BMW

PART #	CHASSIS CODE	ENGINE CODE
SCSTE30330	E34, E36, E46	WM50, WM52, WM54, S50, S52

MARINE

PART #	DESCRIPTION	BEARING	SHAFT	INFO
SC13106	SBC Short	3/4"	5/8"	MerCruiser Marine

ELECTRIC WATER PUMP & ACCESSORIES

PART #	DESCRIPTION
SC-E5526	Electric Water Pump (Motor Only) No Inlet or Outlet
SC79-P	Electric Water Pump Polished
SC79-R-20-16	Electric #20 Inlet, #16 Outlet
SC5506AN16	#16 Outlet, fits Electric, Water Pump, Red Anodized
SC5506AN20	#20 Outlet, fits Electric, Water Pump, Red Anodized
SCRLY351	Relay Kit fits Electric, Water Pump
SC79-BK	Water Pump Electric, Black Anodized
SC79-R-20-20	Water Pump Electric, #20 Inlet, #20



CARTRIDGE STYLE PUMPS & COMPONENTS

PART #	DESCRIPTION
SCSEA434445	Water Pump Pro Series Dodge R-5 Block
SCSEH434445	WP (Replacement Cartridge) for Dodge
SCSTE50003	WP (Replacement Cartridge) for Pro Series GM SB-2
SCSTE50005	GM SB2 NASCAR Pump
SCSTE14000	Ford SVO Cartridge Style



MISCELLANEOUS

PART #	DESCRIPTION
SC04595	Seal for 46114 Water Pump
SC801	Suspension Pump 1.75" Dia.
SC46113-I	Impeller for SC46113
SC46114-B	Bearings/fits SC46114
SC600130S	Hub Only for 3/4" Shaft 1/2" Billet Hub w/Set Screw
SCWHO4	4' Wiring Harness for Electric Water Pump
SCWHO6	6' Wiring Harness for Electric Water Pump
SCWHO8	8' Wiring Harness for Electric Water Pump

ACCESS TO COMPLETE PRODUCT LINE AVAILABLE



POWER STEERING PUMPS

Each Sweet pump is tested to ensure correct flow and pressure! The 1,300 PSI pumps are ideal for most race cars with the aluminum pumps weighing 3-3/4lbs., approximately 1 lb. lighter than steel models.

PART #	DESCRIPTION
SWT305-60330	Aluminum Pump Only, 1,300 PSI
SWT305-60331	Aluminum Pump w/Sweet 6" Dia. Pulley, 1,300 PSI
SWT305-60334	Aluminum Pump w/3/8" Hex Drive, 1,300 PSI
SWT305-70331	Steel Pump w/Sweet 6" Dia. Pulley, 1,300 PSI
SWT305-70330	Steel Pump Only, 1,300 PSI
SWT305-70350	Steel IMCA Pump Only, 1,300 PSI
SWT305-70351	Steel IMCA Pump w/Sweet 6" Dia. Pulley, 1,300 PSI
SWT301-30020	Aluminum 6" Dia. Sweet Pulley, 7/16" Wide



SWT301-30050



SWT305-60331

POWER STEERING TANKS

PART #	DESCRIPTION
SWT301-30050	Short Style (5") Tank w/Bracket
SWT301-30052	Clamp-On Tank Bracket Only
SWT301-30071	Long Style Tank w/Bracket
SWT301-30072	Long Style (7") Tank Only
SWT301-30094	Tank Cap Only

POWER STEERING PUMP KITS

NEW! All in one Power Steering Kit includes choice of steel or aluminum power steering pump with 6" V-belt pulley, 5" tank & tank mounting bracket. Kit features popular Delphi pumps that deliver up to 1,300 PSI. Kits are offered for Small Block Chevy in cylinder head or block mount versions. Sold complete with mounting hardware.

HEAD MOUNT #	BLOCK MOUNT #	DESCRIPTION
SWT305-60345	SWT305-60349	Aluminum Power Steering Pump Kit
SWT305-70345	SWT305-70349	Steel Power Steering Pump Kit

POWER STEERING FLUID

PART #	DESCRIPTION
SWT301-30090	Power Steering Fluid (Available by the Quart)

TANDEM POWER STEERING PUMP W/MECHANICAL FUEL PUMP DRIVE

Designed specifically for race cars using a Bert/Brinn style bell housing and flywheel. The Tandem Drive Aluminum Power Steering Pump features a special adapter and cam lobe style fuel pump drive that can be used to drive any Small Block Chevy mechanical fuel pump. The pump is sold complete with 33-tooth HTD pulley, pulley guides & all required hardware. The following components must be purchased separately: Pump mount, bell-housing, fuel pump and phenolic spacer.

PART #	DESCRIPTION
SWT305-85839	Tandem Power Steering Pump
SWT308-10100	SB Chevy Mechanical Fuel Pump w/Aluminum Clamp
SWT325-30044	Bell-Housing Pump Mount w/Fuel Pump Adapter
SWT325-30059	Phenolic Spacer for Fuel Pump



POWER STEERING PUMP W/FUEL PUMP ADAPTER

NEW! Aluminum power steering pump features a 3/8" hex drive on the front and a 3/8" female hex drive on the back plate for a fuel pump. Fuel pump must be purchased separately.

PART #	DESCRIPTION
SWT305-85834	Power Steering Pump w/Fuel Pump Adapter
SWT325-30040	Power Steering Pump to Dry Sump Pump Adapter
SWT325-30042	Fuel Pump Adapter w/Bolts
SWT325-30043	Phenolic Spacer



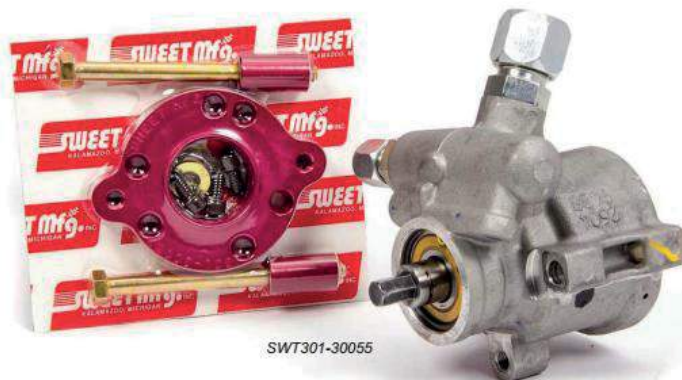
SWT305-85834

DRY SUMP MOUNT POWER STEERING PUMP

PART #	DESCRIPTION
SWT301-30055	Dry Sump Mount Power Steering Pump

Aluminum (Delphi) PTO pump use an extra-long 3/8" hex for complete engagement. Fits most dry sump pumps.

PART #	DESCRIPTION
SWT305-60334	Replacement Power Steering Pump
SWT325-30057	Adapter Kit Only
SWT325-30058	SCP Adapter
SWT325-30059	Phenolic Spacer
SWT325-30060	3/8"-24 Hex Drive, Pump Shaft



SWT301-30055

BELL-HOUSING POWER STEERING PUMP

PART #	DESCRIPTION
SWT305-60339	Bell-Housing Power Steering Pump

Aluminum 1,300 PSI pump works with Bert or Brinn transmissions. An HTD pulley is included, but mounting bracket must be purchased separately.

PART #	DESCRIPTION
SWT301-30043	33-Tooth HTD Pulley w/guides
SWT325-30041	Mounting Bracket & Hardware for SWT305-60239



SWT325-30041

ACCESS TO COMPLETE PRODUCT LINE AVAILABLE

ROCKER ARMS

PART #	DESCRIPTION
TD00060	18° Chevy w/1.65" Rockers
TD00293	SB2.2 w/1.750" Length Rockers
TD00294	SB2.2 w/1.850" Length Rockers
TD1000	SBC, Exhaust 0.080" Offset LH
TD1001	SBC, Exhaust 0.080" Offset RH
TD1002	SBC, Exhaust 0.170" Offset LH
TD1003	SBC, Exhaust 0.170" Offset RH
TD1008	SBC, Intake 0.450" Offset LH
TD1009	SBC, Intake 0.450" Offset RH
TD1102	-12 Exhaust 0.170" Offset LH
TD1103	-12 Exhaust 0.170" Offset RH
TD1108	-12 Intake, 0.465" Offset LH
TD1109	-12 Intake, 0.465" Offset RH
TD1110	-12 Intake, 0.550" Offset LH
TD1111	-12 Intake, 0.550" Offset RH
TD1116	Ford Exhaust Rocker, On Center
TD1117	-12 Exhaust 0.080" Offset LH, .170 Wide Body
TD1170	Ford w/Shaft, On Center
TD1172	Ford, Intake (New Style) RH, On Center
TD1173	Exhaust, 0.080" LH, .170 w/Shaft
TD1200	BB, Int. & Ex., On Center Long Tail, 4° Angle
TD1210	BBC Int. & Ex., Short Tail Rocker
TD1232	Dart Big Chief Narrow Intake
TD1295	New Style Yates w/BB Rockers, On Center
TD1527	SB2 Exhaust .170 Offset LH 1.850" Length
TD1528	SB2 Exhaust .170 Offset RH 1.850" Length
TD1532	Olds. 14 Wide Intake, 1.850" Length
TD1533	Olds. 14 Narrow Int, 1.850" Length
TD1560	SB2 1.750" Length w/BBC Shaft, On Center
TD1561	SB2 1.750" Length 0.170" Offset LH w/BBC Shaft
TD1562	SB2 1.750" Length 0.170" Offset RH w/BBC Shaft
TD1563	SB2 1.850" Length w/BBC Shaft, On Center
TD1564	SB2 1.850" Length 0.170" Offset LH w/BBC Shaft
TD1565	SB2 1.850" Length 0.170" Offset RH w/BBC Shaft



CUSTOM T&D OPTIONS

- Lightweight Rocker Arms (TD07300)
- Shotpeening for Added Strength (TD0728)
- Valve Spring Oilers (TD0720)
- Profiling for Valve Cover Clearance
- Needle Bearing Roller Tips (TD0731)
- Ultralight Rocker (TD0734)



TD1001
SBC, Exhaust 0.080"
Offset RH

TD1170
Ford w/Shaft,
On Center

TD1200
BB, Int. & Ex., On Center
Long Tail, 4° Angle



Leading Supplier of
Sprint Cup Teams

ROCKER ARM ASSEMBLIES

SBC	
PART #	DESCRIPTION
TD2002	461/492, .250" Offset
TD2004	Vortec, .080" Offset
TD20041	LS1, On Center
TD2005	Super Stock, .250" Offset
TD2013	Aluminum/Cast Iron Bowtie, .170" Offset
TD2027	Phase 6, .250" Offset
TD2050	18/15°, .465 Offset, w/.170" Offset Exhaust
TD2053	18/15°, .550 Offset, w/.170" Offset Exhaust
TD2055	18/15°, w/1.650" Length Rockers, .550" Offset, w/.170" Offset Exhaust
TD2057	18/15°, V6, .465" Offset, w/.170" Offset Exhaust
TD2060	23° V6 (Brodix 10X/Pontiac), .450" Offset
TD2061	18/15° V6, .550" Offset, w/.170" Offset Exhaust
TD2070	Canted Valve V8 w/1 Piece Stands
TD2080	SB2-R1, .080" O/S Int., .170" Offset Exhaust, BB Rockers
TD2090	SB2.2, On Center Intakes, .170" Offset Exhaust

BRODIX SBC	
PART #	DESCRIPTION
TD2206	Brodix/Pontiac - 12 w/1.650" Length Rockers, .450" Offset
TD2207	Brodix/Pontiac - 12 w/1.650" Length Rockers, .550" Offset
TD2209	Brodix - 12 w/BB Rockers, 4 Cyl., .550" Offset
TD2210	Brodix 8, 10, & 11 SBC, .450" Offset
TD2212	Brodix 8, 10, & 11 SBC, .250" Offset
TD2216	Brodix 8, 10, & 11 w/ 40/60 Spacing, .450" Offset
TD2217	Brodix 8, 10, & 11 w/ 40/60 Spacing, .375" Offset
TD2229	Brodix 18 Clone, .550" Offset
TD2235	Brodix 18° V6, .450" Offset
TD2240	Brodix Canted Valve SBC
TD2250	Brodix Track 1 SBC, .080" Offset Intake & Exhaust
TD2280	Brodix 8, 10, & 11, 40/60 Spacing, .450" Offset, for 1.650" Dia. Springs

DART & WORLD PRODUCTS SBC	
PART #	DESCRIPTION
TD2102	Dart, Standard Aluminum, .250" Offset
TD2110	Dart Raised Runner, .450" Offset
TD2120	Dart 14/17°, .465" Offset
TD2140	Dart II & World Products Sportsman, Dart Pro 1, .080" Offset
TD2141	Dart II & World Products Sportsman, Dart Pro 1, .170" Offset
TD2150	Dart Iron Eagle, .170" Offset, Intake & Exhaust

ALL PRO SBC	
PART #	DESCRIPTION
TD2330	#200, 215, 220, 23°, .250" Offset
TD2332	#227/#245, 23°, .450" Offset
TD2333	#360, 23°, .450" Offset
TD2334	#260, 17°, .550" Offset
TD2335	#227, 17°, .450" Offset
TD2336	#245, 17°, .450" Offset
TD2337	#260RE, 17°, .550" Offset
TD2338	#285, 15°, .550" Offset
TD2340	#265, 15°, .550" Offset
TD2342	#285, 13°, .650" Offset

EDELBROCK, AIR FLOW RESEARCH, CANFIELD & ALAN JOHNSON SBC	
PART #	DESCRIPTION
TD2301	AFR #227, .375" Offset
TD2311	AFR #220/225, .375" Offset
TD2317	AFR #190/195/210, .250" Offset
TD2320	Edelbrock 18°, .450" Offset
TD2325	Edelbrock/Shaver 23°, .450" Offset
TD2370	Alan Johnson 21°, .450" Offset
TD2375	Alan Johnson 18°, .550" Offset
TD2376	Alan Johnson 12°, .675" Offset
TD2380	Canfield Small Runner, .250" Offset
TD2381	Canfield Big Runner (220), .450" Offset

ACCESS TO COMPLETE PRODUCT LINE AVAILABLE



COMPETITION ROCKER ARMS



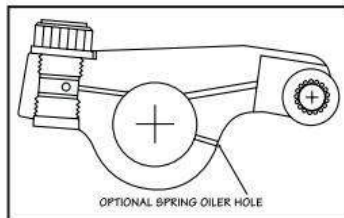
TD7154
Yates w/1.750" Length Rockers

ROCKER ARM ASSEMBLIES (continued)

FORD	
PART #	DESCRIPTION
TD7000	SVO A460/B460, Blue Thunder 460
TD7005	SVO A429 "Cobra Jet"
TD7010	Yates C460/D460
TD7015	E460
TD7020	FE 390/428, w/5/8" Shafts, Some Machining Required
TD7030	Edelbrock/Ford FE 427 Low/Med. Riser, w/5/8" Shafts, Some Machining Required
TD7106	Offset Intake & Exhaust (.170" Ex. Body), New Style
TD7107	Offset Exhaust (.170 Ex. Body), New Style
TD7140	Yates, Offset Intake & Exhaust, One Piece Stands
TD7150	Yates w/1.650" Length Rockers, Offset Int. & Ex., 1pc Stands
TD7154	Yates w/1.750" Length Rockers
TD7200	351 Cleveland, Canted Valve 351 (C302B)
TD7300	Production 302
TD7302	Dart 302
TD7306	Street Heat (TFS) 302, .250" Offset Intake, .170" Offset Exhaust
TD7310	TFS Twisted Wedge Head 302
TD7315	TFS Twisted Wedge 'R' Head 302
TD7330	Ford N351, .220" Offset Intake, .100" Offset Exhaust
TD7350	Edelbrock Victor 302, 15°, .500" Offset
TD7360	Brodix Track 1 Ford Windsor
TD7370	Canfield Ford, .170" Offset Intake
TD7380	Brodix Neal
TD7400	NASCAR Ford V6

BBC	
PART #	DESCRIPTION
TD3000	396, 427, 454; Iron & Aluminum, Dart 320/360, w/Dowel Pins
TD3010	Symmetrical Port
TD3020	Brodix Pontiac Pro-Stock 18°
TD3025	Brodix Pontiac Pro-Stock 15°
TD3030	Dart Big Chief/Brodix Big Duke
TD3031	Olds. 14°
TD3040	Brodix w/Dowel Pin (-1, -2, -3, & -4)
TD3041	Brodix 2X w/Dowel Pin
TD3100	Dart w/1 Piece Intake Stand
TD3101	Brodix w/1 Piece Intake Stand

CHRYSLER	
PART #	DESCRIPTION
TD8002	Race W-2, W-5 Cyl. Head, .700" O/S for 5.350 Valves
TD8009	Magnum 318/360, .080" Offset Intake & Exhaust
TD8010	B-1 Inline Valve (Stock Replacement)
TD8013	B-1 Inline Valve w/5/8" Shaft, .800" Offset
TD8015	Brodix B-1BA MC, .550" Offset
TD8018	Brodix B-1BA Standard Centerline
TD8060	Indy Aluminum 440 Cylinder Head
TD8080	W-7/W-8, .550" Offset
TD8095	W-9, .550" Offset
TD8100	Econo W-2, 3/4" Dia. Shaft, .700" Offset
TD8220	Brodix B1-BS, Stock Replacement, 3/4" Shaft, .375" Offset



OPTIONAL SPRING OILER HOLE

Spring Oilers
A spring oiler is a .040" diameter hole in the rocker arm that sprays pressurized oil on the valve spring. As the rocker travels through its arc, the spring is sprayed from top to bottom with oil. This oil spray cools and lubricates the coils, improving valve spring reliability.

ALPHA CODE ROCKER ARM RATIO CHART

T&D stamps an Alpha Code instead of a ratio on the rocker bodies.

Alpha Code	Ratio	Alpha Code	Ratio
B	1.50	H	1.80
C	1.55	I	1.85
D	1.60	J	1.90
E	1.65	K	1.95
F	1.70	L	2.00
G	1.75		

SPORTCOMP SHAFT ROLLER ROCKER SET

PART #	DESCRIPTION
TD10000	Chevy Small Block
TD10010	Chevy Big Block
TD10020	Ford Small Block



TD10000

ADJUSTERS/JAM NUTS

PART #	DESCRIPTION
TD03150	Adjuster 5/16" Dia. Cup 7/16"-20 Thread
TD03171	Adjuster 5/16" Dia. Cup 3/8"-24 Thread for Jesel Rocker
TD03210	Jam Nut 12 Pnt 7/16"-20 Thread



TD03210

ROCKER SHAFTS

PART #	DESCRIPTION
TD0200	Small Block Chevy, All In-Line Rockers 14°-23°
TD0210	BBC/Ford Yates & 460
TD0280	Dart Big Chief Wide Intake
TD0282	Dart Big Chief Narrow Intake
TD0283	Big Chief Exhaust

SHAFT SHIMS

PART #	DESCRIPTION
TD0660-30	.030" Thickness
TD0660-35	.035" Thickness
TD0660-40	.040" Thickness
TD0660-45	.045" Thickness
TD0660-50	.050" Thickness
TD0660-55	.055" Thickness
TD0660-60	.060" Thickness
TD0660-65	.065" Thickness
TD0660-70	.070" Thickness
TD0660-75	.075" Thickness

VALVE SPRING COMPRESSORS

PART #	DESCRIPTION
TD0770	Logan Smith SBC Spring Compressor
TD0772	Logan Smith Ford Yates
TD0776	Logan Smith Dart Big Chief
TD07001	Billet SBC Valve Spring Compressor
TD07011	T&D Billet SBC w/1.650" Large Rockers
TD07091	T&D Billet SB2-P7

ROCKER ARM COMPONENTS - MISC.

PART #	DESCRIPTION
TD03150	Adjuster Screw, 5/16" Dia. Cup New Style
TD03210	Jam Nut 12 PT, 7/16"-20 Thread
TD03371	Lightweight Axle Needle RollerBrg. & Clip Assembly (not installed)
TD03370	Lightweight Axle Needle RollerBrg. & Clip Assembly (installed)
TD0320	Jam Nut, 9/16" Hex, 7/16"-20 Thread
TD0415	Needle bearings, SCE or J-107

ROCKER ARM COMPONENTS - STANDS

PART #	DESCRIPTION
TD00030	SBC "B" Rocker Stands Aluminum Cyl Head
TD00550	BBC Intake And Exhaust Stand
TD00701	Ford Yates Head Intake Stand
TD00711	Ford Yates Head Exhaust Stand
TD00715	Ford Yates One Piece Stand for 1.520" Length Rockers
TD00725	Ford Yates One Piece Stand for 1.650" Length Rockers
TD00920	Chrysler W-2, W-5 Stands
TD00922	Chrysler W-7 Stand



Rocker Shafts



TD00660-30



TD03371

ACCESS TO COMPLETE PRODUCT LINE AVAILABLE

tilton

COOLER PUMPS

Tilton cooler pumps are ideal for pumping oil through transmission and differential coolers. They can also be used for many other applications, such as emptying fuel tanks or circulating coolant. Each pump features an internal bypass valve and is self-priming up to 8-ft above the source from which it draws. Tilton cooler pumps are a positive displacement type of pump, so their output is directly proportional to the motor speed. For example, if a lighter load increases the motor speed by 25%, then the flow rate increases by 25%.

OIL/WATER COOLER PUMP

PART #	DESCRIPTION
TI40-524	Oil/Water Cooler Pump Buna

INTERMITTENT USE PUMPS

Designed for applications where pump does not need to be used continuously, such as being turned on/off by the driver or by a relay at an established temperature. Options include Buna or Viton rubber diaphragm and check valve.



Cooler Pumps

MASTER CYLINDERS

Tilton master cylinders have become one of the most widely used and trusted in racing. Today, Tilton offers five master cylinder models, most available in eight different bore sizes. Each Tilton master cylinder is engineered to offer exceptional performance, reliability and value.

PART #	DESCRIPTION
TI72-573	Replacement Cap for 72-571
TI72-576-3	Gasket, Reservoir, 3 in 1
TI72-577	Reservoir Plastic 3 in 1 AN-4
TI73-875	7/8" Master Cylinder Kit Remote
TI74-1000U	1" Master Cylinder Kit Remote
TI74-204	Master Cylinder Reservoir Large
TI74-207	Master Cylinder Reservoir Cap
TI74-750U	3/4" Master Cylinder Kit Remote
TI74-875U	7/8" Master Cylinder Kit Remote
TI75-1000U	1" Master Cylinder Kit Remote
TI75-625U	5/8" Master Cylinder Kit Remote
TI75-750U	3/4" Master Cylinder Kit Remote
TI75-812U	13/16" Master Cylinder Kit Remote
TI75-875U	7/8" Master Cylinder Kit Remote
TI76-750	3/4" Master Cylinder Kit Remote
TI76-875	7/8" Master Cylinder Kit Remote
TI77-937	15/16" Master Cylinder Kit Remote
TI90-2000	Screw-Type Prop Valve AN3 3/16"
TI90-5000	Flow Control Valve Assembly



Master Cylinders

HYDRAULIC RELEASE BEARINGS (HRBS)

Tilton offers a wide range of hydraulic release bearings (HRBs) for use with push-type clutches. Hydraulic release bearings are available for use with a smaller-diameter racing clutches (4.5", 5.5" & 7.25") and most OE-type clutches.

FEATURES

- Unique mono-seal technology featuring high-temperature materials and a quad-tensioner.
- Constant-contact design allows for consistent pedal feel and all Tilton release bearings are self-adjusting.
- Proprietary coatings ensure long-lasting durability in the high-demand racing environment.
- Long-life, high-quality bearings are used in every Tilton hydraulic release bearing.

1600-SERIES HYDRAULIC RELEASE BEARINGS

PART #	DESCRIPTION
TI61-1602	OE Monohousing Ford/GM 3 disc



Hydraulic Release Bearing

SUPER STARTER

The Original. . . and still the best. Providing dependable starting for the world's finest engine for over 30 years. Introduced in 1981, the Super Starter is the original high performance gear reduction mini starter. It has become the benchmark for starters used in high performance and racing applications. While other "high performance" starter companies have come and gone, the Super Starter has earned its reputation for providing dependable starting under the most extreme conditions. Available in both 40000-Series and XLT-Series.

PART #	DESCRIPTION
TI54-41062	Super Starter Severe Duty Rev



TI54-41062

BELLHOUSINGS

Tilton's bellhousings are compatible with 2- and 3-plate Sport 5.5", 2- and 3-plate 5.5" carbon and 3-plate 7.25" metallic racing clutches. Made from aluminum, the bellhousings resist flexing, allowing maximum power to be transferred to the wheels and minimized wear to driveline components.

PART #	DESCRIPTION
TI52-701	Housing Chevy Aluminum
TI66-003HG	7.25 OT-II 3-Plate High Ratio
TI67-119	Floater Plate 5.5 OT-III

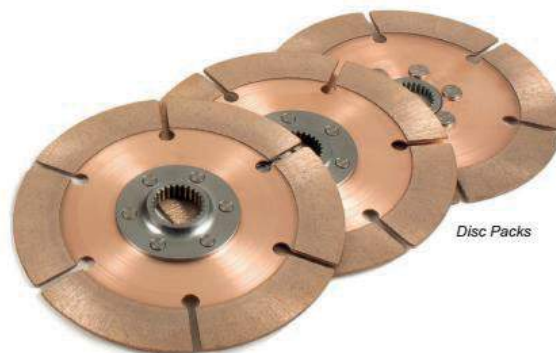


TI52-701

DISC PACKS

Tilton Clutch Friction Discs are renowned for their durability, torque capacity and heat capacity. These discs are suited for race applications due to their quick engagement, long wear and consistent feel characteristics.

PART #	DESCRIPTION
TI64140-9-ABA-36	ABA-36 5.5/3 DISCS
TI64185-2-ABA-36	ABA-36 7.25 OT-II/ 3
TI64185-4-VTV-36	VTV-36 Clutch Disc Pack, 1-5/32" x 26" Spine
TI64185-4-VTV-46	VTV-46 Clutch Disc Pack, 1-1/4" x 29" Spine
TI95-003-5	Bolt Kit 3 Disc 5.5 metallic fl
TI95-018	5/16" x 2.09" Bolt Kit
TI95-952-6	Bolt Kit 12pt 7/16"-20 x 7



Disc Packs

HRB SERVICE PARTS

PART #	DESCRIPTION
TI60-6101	8.5-10.5 HRB
TI62-008	Release Bearing 38mm Contact D
TI62-031	Release Bearing 44mm Contact D
TI62-619	Piston 1.64 Tall Self-Centering
TI62-905	Rebuild Kit for 61-200/300/400
TIRG-2-10	Rubber Grease, 2.7ml



ACCESS TO COMPLETE PRODUCT LINE AVAILABLE



GAPLESS AP STEEL TOP RING FILE-FIT PISTON RING SETS

Eight cylinder sets have AP (Advanced Profiling) steel top rings with extremely tight tolerances for improved combustion sealing. Sets include AP gapless top rings, conventional second rings & standard tension oil rings. Instructions for file-fitting included.

BORE SIZE	GAPLESS TOP RING	CONVENTIONAL SECOND RING	3-PC. OIL RING	RING SET PART #
4.030"	1/16" AP	1/16"	3/16"	TSMS3690-35
4.125"	1/16" AP	1/16"	3/16"	TSMS0690-5
4.155"	1/16" AP	1/16"	3/16"	TS0690-35
4.165"	1/16" AP	1/16"	3/16"	TSMS0690-45

GAPLESS TOP RING FILE-FIT PISTON RING SETS

Independent dyno tests proved that the Total Seal Gapless Top Ring Sets can deliver more horsepower and torque than conventional piston rings. File fit ring sets include Maxseal ductile iron Gapless top rings, conventional second rings and standard or special low tension oil rings for eight cylinders. Low tension ring sets deliver a 25% reduction in tension when compared to standard oil rings. All sets listed below require file fitting.

BORE SIZE	GAPLESS TOP RING	CONVENTIONAL SECOND RING	3-PC. OIL RING	RING SET PART #
4.030"	1/16"	1/16"	3/16" (Std.)	TSM3690-35
4.030"	1/16"	1/16"	3/16" (Low)	TSML3690-35
4.040"	1/16"	1/16"	3/16" (Std.)	TSM3690-45
4.040"	1/16"	1/16"	3/16" (Low)	TSML3690-45
4.060"	1/16"	1/16"	3/16" (Std.)	TSM3690-65
4.125"	1/16"	1/16"	3/16" (Std.)	TSM0690-5
4.130"	1/16"	1/16"	3/16" (Std.)	TSM756-5
4.155"	1/16"	1/16"	3/16" (Std.)	TSM0690-35
4.155"	1/16"	1/16"	3/16" (Low)	TSML0690-35
4.165"	1/16"	1/16"	3/16" (Std.)	TSM0690-45

CLAIMER GAPLESS SECOND STANDARD GAP PISTON RING SETS

Total Seal's least expensive gapless ring sets, these are suitable for dirt track cars, running race fuel with 11:1 or lower compression. Sets include cast iron conventional top rings, gapless second rings and Gold Power low tension oil rings, which offer 40% reduction in tension compared to standard tension oil rings. Claimer piston ring sets are available in limited bore and ring combinations for racing only. File fitting not required.

BORE SIZE	CAST IRON TOP RING	GAPLESS SECOND RING	GOLD POWER OIL RING	RING SET PART #
4.030"	5/64"	5/64"	3/16"	TSCL9090-30
4.030"	1/16"	1/16"	3/16"	TSCL3690-30
4.040"	5/64"	5/64"	3/16"	TSCL9090-40
4.040"	1/16"	1/16"	3/16"	TSCL3690-40
4.060"	5/64"	5/64"	3/16"	TSCL9090-60
4.060"	1/16"	1/16"	3/16"	TSCL3690-60
4.125"	1/16"	1/16"	3/16"	TSCL0690
4.155"	5/64"	5/64"	3/16"	TSCL0190-30
4.155"	1/16"	1/16"	3/16"	TSCL0690-30
4.165"	5/64"	5/64"	3/16"	TSCL0190-40
4.165"	1/16"	1/16"	3/16"	TSCL0690-40



TSI GAPLESS SECOND RING FILE-FIT PISTON RING SETS

Eight cylinder sets are ideal for racing engines and include ductile iron conventional top rings, Gapless second rings and standard or low tension Gold Power oil rings. Special low tension; Gold Power oil ring sets offer a 40% reduction in tension. All sets listed require file fitting.



BORE SIZE	DUCTILE IRON TOP RING	GAPLESS SECOND RING	3 PC. OIL RING	RING SET PART #
4.000"	1/16"	1/16"	3/16" (Standard)	TSTT3690-5
4.020"	1/16"	1/16"	3/16" (Standard)	TSTT3690-25
4.030"	5/64"	5/64"	3/16" (Standard)	TSTT9090-35
4.030"	1/16"	1/16"	3/16" (Standard)	TSTT3690-35
4.030"	1/16"	1/16"	3/16" (Gold Power)	TSTTG3690-35
4.030"	1/16"	1/16"	1/8" (Standard)	TSTT0390-35
4.040"	1/16"	1/16"	3/16" (Standard)	TSTT3690-45
4.040"	1/16"	1/16"	3/16" (Gold Power)	TSTTG3690-45
4.060"	1/16"	1/16"	3/16" (Standard)	TSTT3690-65
4.060"	1/16"	1/16"	3/16" (Gold Power)	TSTTG3690-65
4.125"	1/16"	1/16"	3/16" (Standard)	TSTT0690-5
4.125"	1/16"	1/16"	3/16" (Gold Power)	TSTTG0690-5
4.135"	1/16"	1/16"	3/16" (Standard)	TSTT0690-15
4.145"	1/16"	1/16"	3/16" (Standard)	TSTT0690-25
4.155"	1/16"	1/16"	3/16" (Standard)	TSTT0690-35
4.155"	1/16"	1/16"	3/16" (Gold Power)	TSTTG0690-35
4.155"	1/16"	1/16"	1/8" (Standard)	TSTT1003-35
4.165"	1/16"	1/16"	3/16" (Standard)	TSTT0690-45
4.165"	1/16"	1/16"	3/16" (Gold Power)	TSTTG0690-45



TSI GAPLESS SECOND RING STANDARD GAP PISTON RING SETS

The same TSD1 eight cylinder piston ring sets, but file-fitting is not required. Sets include conventional ductile iron top rings, gapless second rings and standard tension oil rings.

BORE SIZE	DUCTILE IRON TOP RING	GAPLESS SECOND RING	3 PC. OIL RING	RING SET PART #
4.030"	1/16"	1/16"	3/16"	TS3690-30
4.155"	1/16"	1/16"	3/16"	TS0690-30
4.165"	1/16"	1/16"	3/16"	TS0690-40



CLASSIC AP STEEL TOP RING FILE-FIT PISTON RING SETS

Instead of the gapless top or second ring, sets include conventional AP (Advanced Profiling) steel top rings, with extremely tight tolerances for superior compression sealing. Sets include AP top rings, conventional second rings and three piece standard tension oil rings. All sets are for eight cylinders. Instructions for file-fitting included.

BORE SIZE	AP STEEL TOP RING	CONVENTIONAL SECOND RING	3 PC. OIL RING	RING SET PART #
4.030"	1/16"	1/16"	3/16"	TSCS3690-35
4.125"	1/16"	1/16"	3/16"	TSCS0690-5
4.155"	1/16"	1/16"	3/16"	TSCS0690-35
4.185"	1/16"	1/16"	3/16"	TSCS0690-65



PISTON RING SQUARING TOOL

Guaranteed to be flat and parallel within .001". Install piston ring in the cylinder and push the ring down into the bore with the tool. It will place the ring squarely in the cylinder so that end gap can be precisely checked when filing rings.

PART #	DESCRIPTION
TS8910	Piston Ring Squaring Tool, 4.000" - 4.085" Bore
TS08915	Piston Ring Squaring Tool, 4.125" - 4.200" Bore

QUICKSEAT

PART #	DESCRIPTION
TSQS	A dry film powder, QuickSeat aids piston ring seating. Sold in two gram containers.

ASSEMBLY LUBE

Engineered by Total Seal to deliver proper lubrication during initial start-up and break-in. Lubricant mixes with break-in oil and extends film thickness. May also be added to regular oil to increase film thickness. Sold in 8 oz. bottle.

PART #	DESCRIPTION
TSAL8	Assembly Lube

ACCESS TO COMPLETE PRODUCT LINE AVAILABLE



VAL10XX756

THE ONLY SILICONE YOU NEED

Valco has simplified your purchase decision with one premium-grade RTV silicone that does it all. Now there's no need to have a complicated assortment of specialized RTV sealants for every engine-sealing job. Effective up to 600°F.

Choose from three colors including aluminum, black, and clear. Every color performs at high temperatures, has low volatility and is oxygen-sensor safe. All-In-One Silicone stands up to any automotive application where RTV silicone is used.

GREASE & LUBRICANTS

PART #	DESCRIPTION
VAL71773	Oil Additive 12oz.
VAL795XX903	White Lit Grease 10oz.
VAL710XX751	Torco Assembly Lube 1oz.
VAL710XX753	Torco Assembly Lube 12oz.
VAL710XX754	Torco Cam Lube 1oz.
VAL710XX756	Gel Lube 8oz. Can
VAL710XX757	Gel Lube 8oz. Aerosol

HAND CLEANER

PART #	DESCRIPTION
VAL710XX616	Hand Cleaner 15 oz.

GASKET SCRAPERS

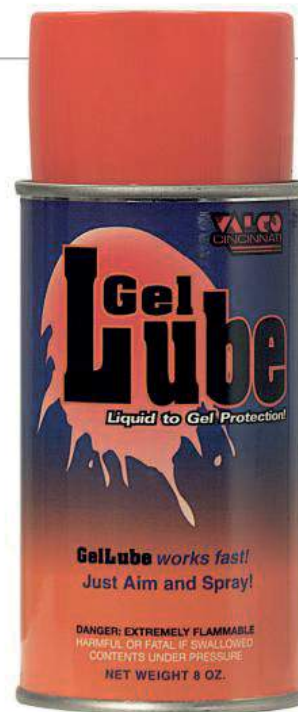
PART #	DESCRIPTION
VAL71371	Powered Peeler (Attach To Air Ratchet)
VAL71688	Hand Peeler

POLISHES

PART #	DESCRIPTION
VAL710XX611	Metal Polish 8 oz.
VAL710XX644	Speed Wax 16 oz.
VAL710XX648	Metal Prep
VAL710XX664	AL Bright 1 L.

SEALERS & SILICONES

PART #	DESCRIPTION
VAL710XX006	Tube Grip 2.5" Wide
VAL710XX052	Replacement Tube Nozzle/6 PK
VAL710XX090	Replacement Nozzles for 11.17oz. Tubes
VAL710XX105	Clear 3oz.
VAL710XX112	Clear 11.17oz.
VAL710XX135	Black 3oz.
VAL710XX142	Black 11.17oz.
VAL710XX165	Blue 3oz.
VAL710XX193	Silicone, Aluminum, 3.0oz.
VAL710XX195	AL 3oz.
VAL710XX202	AL 11.17oz.
VAL710XX260	Hylomar 250ml
VAL710XX309	Red 11.17oz.
VAL710XX362	Hylomar



THREADLOCKER

PART #	DESCRIPTION
VAL710XX155	HV-350 3.35oz.
VAL710XX156	HV-350 w/Tube Grip
VAL710XX620	Blue 10 ML
VAL710XX621	Blue 50 ML
VAL710XX622	Red 10 ML
VAL710XX623	Red 50 ML

CLEANING SOLVENTS

PART #	DESCRIPTION
VAL710XX265	Solvent 16oz.

GASKET SEALER

PART #	DESCRIPTION
VAL710XX255	1.5oz. Tube
VAL710XX285	100g Tube
VAL710XX294	Aerosol 360g
VAL71362	Aerosol 5oz.

ACCESS TO COMPLETE PRODUCT LINE AVAILABLE



AIR FILTERS

Advanced Performance (AP) Air Filters use a unique, patented design. Our wire-backed gauze Reemay® media allows maximum air flow, while minimizing restriction to boost horsepower. With a Frazier air flow of approximately 410 CFM, these air filters have the lowest restrictions of any racing filter available.

High Efficiency Endurance (HEE) Air Filters use a media specifically developed to filter out harmful contaminant's while providing low restriction. With a Frazier air flow of approximately 73 CFM this is an ideal air filter for the Late Model, Sportsman and Modified racers who run primarily on dirt tracks.

PART #	DESCRIPTION
WIX42096R	13.875" x 11.625" x 4.05" T88 1000 CFM
WIX42775	Air Cleaner Element
WIX46926R	14.000" x 3.250"
WIX46940R	Cup 16.000" x 13.750" x 4.01" T66 1000 CFM
WIX46941R	16.000" x 13.750" x 3.76" T66 Media
WIX46942R	Camping World 16.000" x 13.750" x 4.01" T17 1000 CFM
WIX46943R	Cup 16.000" x 13.750" x 3.01" T88 1000 CFM
WIX46944R	13.750" x 12.417" x 4.01" T66 1000 CFM
WIX46945R	13.750" x 12.417" x 3.01" T66 1000 CFM
WIX46946R	13.750" x 12.417" x 4.01" T88 1000 CFM
WIX46948R	14.000" x 12.250" x 3.51" T66 Media
WIX46949R	16.000" x 13.750" x 3.51" T66 1000 CFM

PRO TECH AIR FILTERS

PART #	DESCRIPTION
PROTECH205	9.718" x 8.187" x 3.545"
PROTECH206	9.968" x 8.625" x 2.312" Tall
PROTECH207	13.875" x 11.352" x 4.056"



CV Lightweight Remote Mounts located on page 75.

RACING OIL FILTERS

Advanced Performance (AP) Oil Filters use a media that is rated at a Frazier air flow of approximately 267 CFM and is wire-backed. The unique wire-backing provides a very stable base for a media blend of fiberglass, polyester and cellulose. This media is resistant to high temperatures and water levels in the oil that can plug standard media types. Our Advanced Performance media is designed to provide a high positive oil flow with low restriction.

High Efficiency Endurance (HEE) Oil Filters use a media rated at a Fraizer air flow of approximately 75 CFM. This media contains a higher resin content than our Advanced Performance Filters to trap and hold smaller contaminant's and provide higher efficiency.

PART #	DESCRIPTION
WIX51060R	13/16"-16 Thread / 5.17" Tall / 28 GPM
WIX51061R	13/16"-16 Thread / 5.17" Tall / 28 GPM
WIX51069R	13/16"-16 Thread / 4.33" Tall / 28 GPM
WIX51268R	1-1/8"-16 Thread / 30 GPM
WIX51515R	3/4"-16 Thread / 28 GPM
WIX51222R	1-1/2"-12 Thread / 28 GPM w/Bypass Valve
WIX57002R	1-1/2"-12 Thread / 28 GPM no Bypass Valve
WIX57003R	1-1/2"-12 Thread / 30 GPM w/Bypass Valve
WIX57004R	1-1/2"-12 Thread / 30 GPM no Bypass Valve
WIX57007R	1-1/2"-16 Thread / 30 GPM w/Bypass Valve
WIX57008R	Oil Filter Cartridge 1.969" x 0.795" x 4.03" H
WIX57015R	Oil Filter Cartridge 2.39" x 1.226" x 6.421" H

WIX51515R



WIX51061R



ACCESS TO COMPLETE PRODUCT LINE AVAILABLE

EXHAUST VALVE CUSTOM ORDER FORM

CUSTOMER: _____ PART NAME: _____ EXHAUST TEMPLATE	PART NO. _____ QTY ORDERED: _____		GENERAL TOLERANCE DIM: .XXX ± .003 .XX ± .005 ANG: ±30°
MARGIN: _____ SEAT ANGLE: _____ BACKCUT ANGLE: _____ PROFILE ANGLE: _____ SEAT WIDTH: _____ OVERCUT ANGLE: _____ BACKCUT: _____ SEAT DIA. (φ): _____ OAL: _____ MOLY START: _____ MOLY: _____ SQUARE or RADIUS: _____ STEM DIA. (φ): _____ KEEPER DIA. (φ): _____ LENGTH TO CL: _____ TIP LENGTH: _____ R: _____ STEEL TIP: <input type="checkbox"/> TIP COATING: <input type="checkbox"/>			MATERIAL: _____ MASS: _____ XCEL DYNE TECHNOLOGIES THOMASVILLE, NC
DRW DATE: _____ DRW BY: _____ CHK BY: _____ APRV BY: _____			

INTAKE VALVE CUSTOM ORDER FORM

CUSTOMER:	PART NAME: INLET TEMPLATE	PART NO.:	QTY ORDERED:
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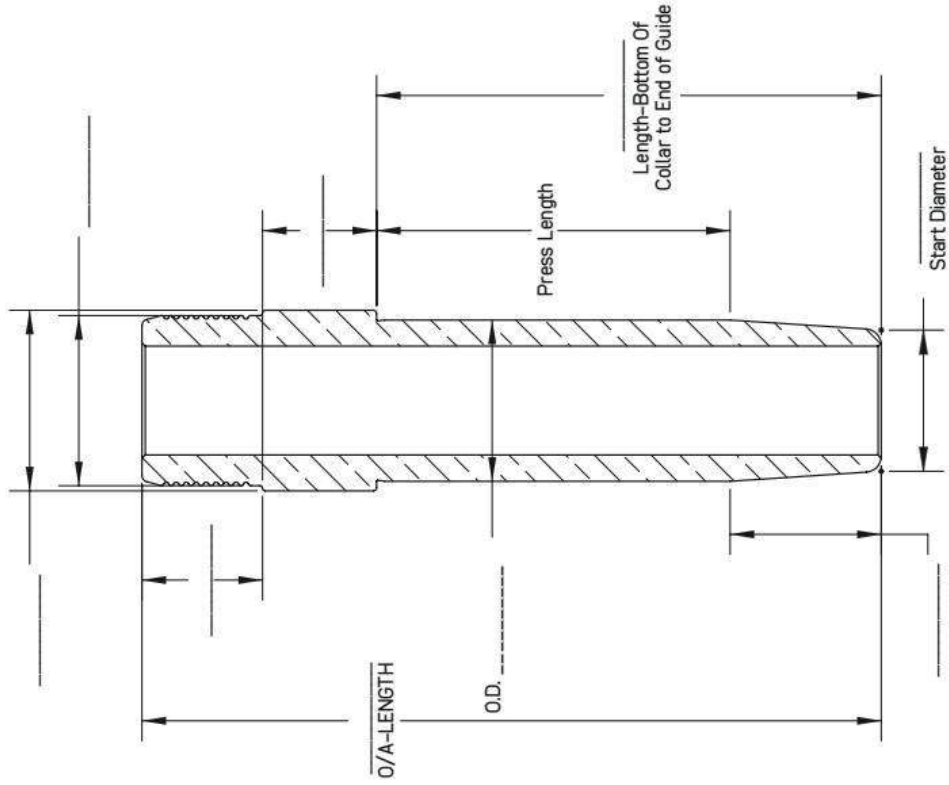
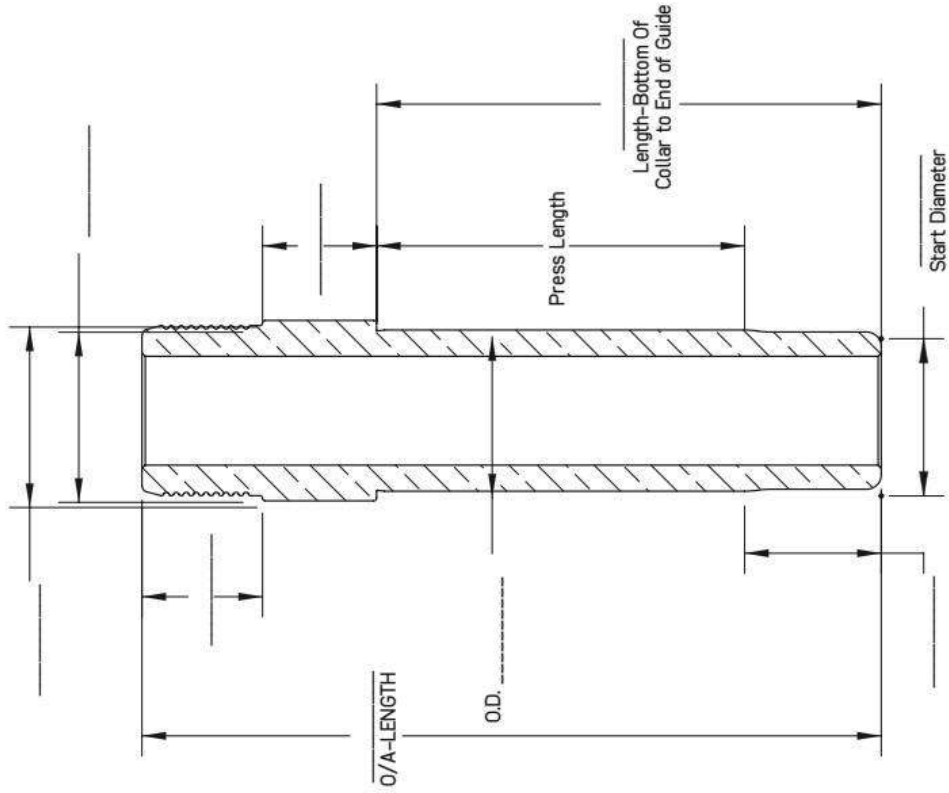
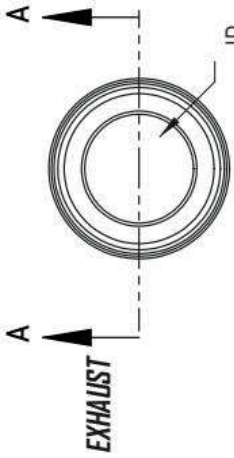
SEAT ANGLE **BACKCUT ANGLE** **PROFILE ANGLE** **BACKCUT** **SEAT WIDTH** **ANGLE** **DEPTH** **DISH**

MARGIN **R** **OAL** **MOLY START** **MOLY** **STEM DIA.** **Ø** **KEEPER DIA.** **Ø** **TIP LENGTH** **LENGTH TO CL** **CL** **R** **STEEL TIP** **TIP COATING**

XCEL DYNE VALVETRAIN

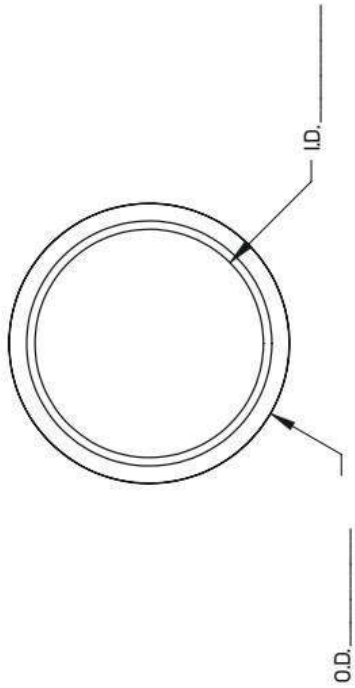
DRW DATE:	DRW BY:	CHK BY:	APRV BY:	XCEL DYNE TECHNOLOGIES THOMASVILLE, NC	MATERIAL:	GENERAL TOLERANCE:
						DIM: .XXX ± .003 .XX ± .005
						ANG: ±30

VALVE GUIDES CUSTOM ORDER FORM

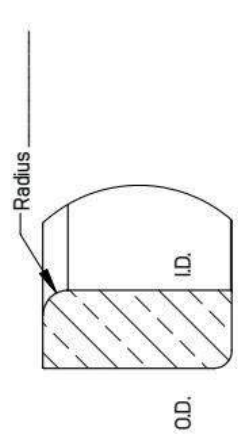
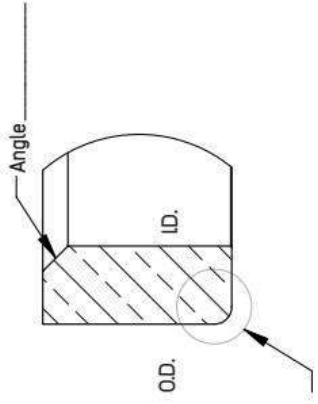
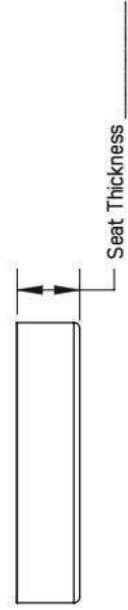
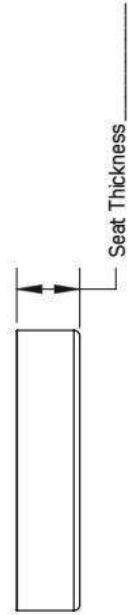
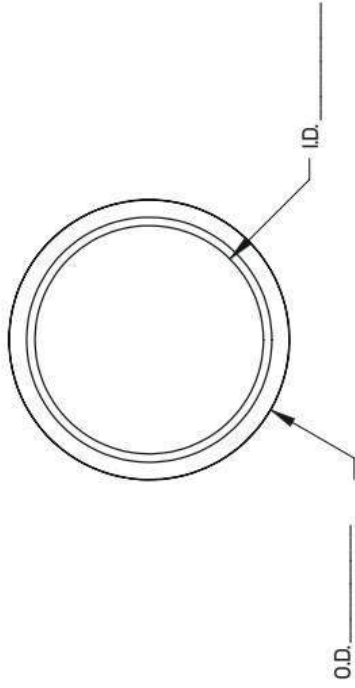


VALVE SEATS CUSTOM ORDER FORM

Material _____



Material _____



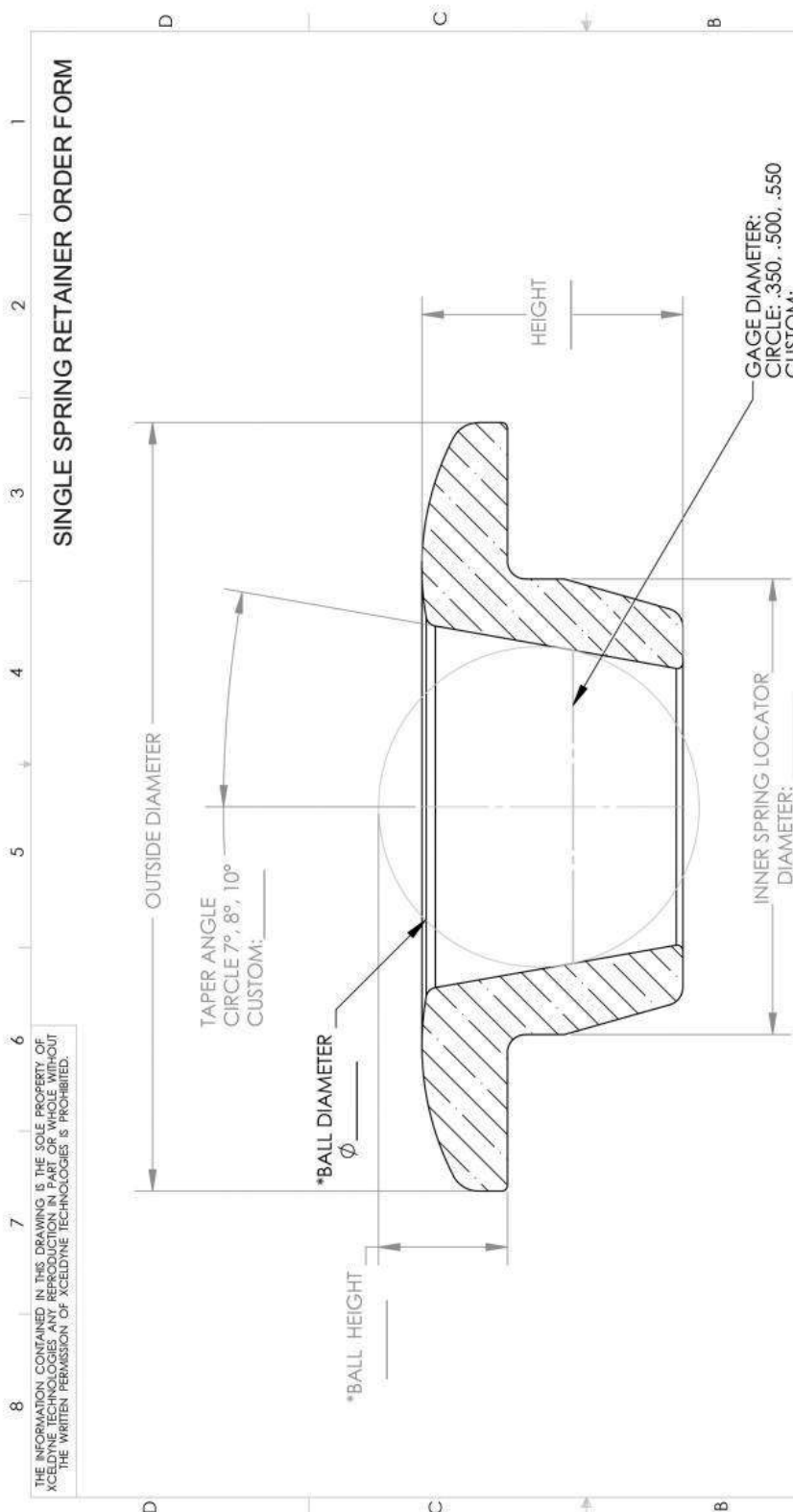
Designate Any I.D. Chamfer or Radius
On Valve Side

Outside Corner Radius

R. _____
(Xceldyne Standard Corner Radius is R.035)



SINGLE SPRING RETAINER ORDER FORM



GAGE DIAMETER:
CIRCLE: .350, .500, .550
CUSTOM: _____

GAGE DIAMETER CONTROLS
RETAINER/LOCK FIT
REFER TO TECH TIPS FOR
PROPER RETAINER/LOCK SELECTION

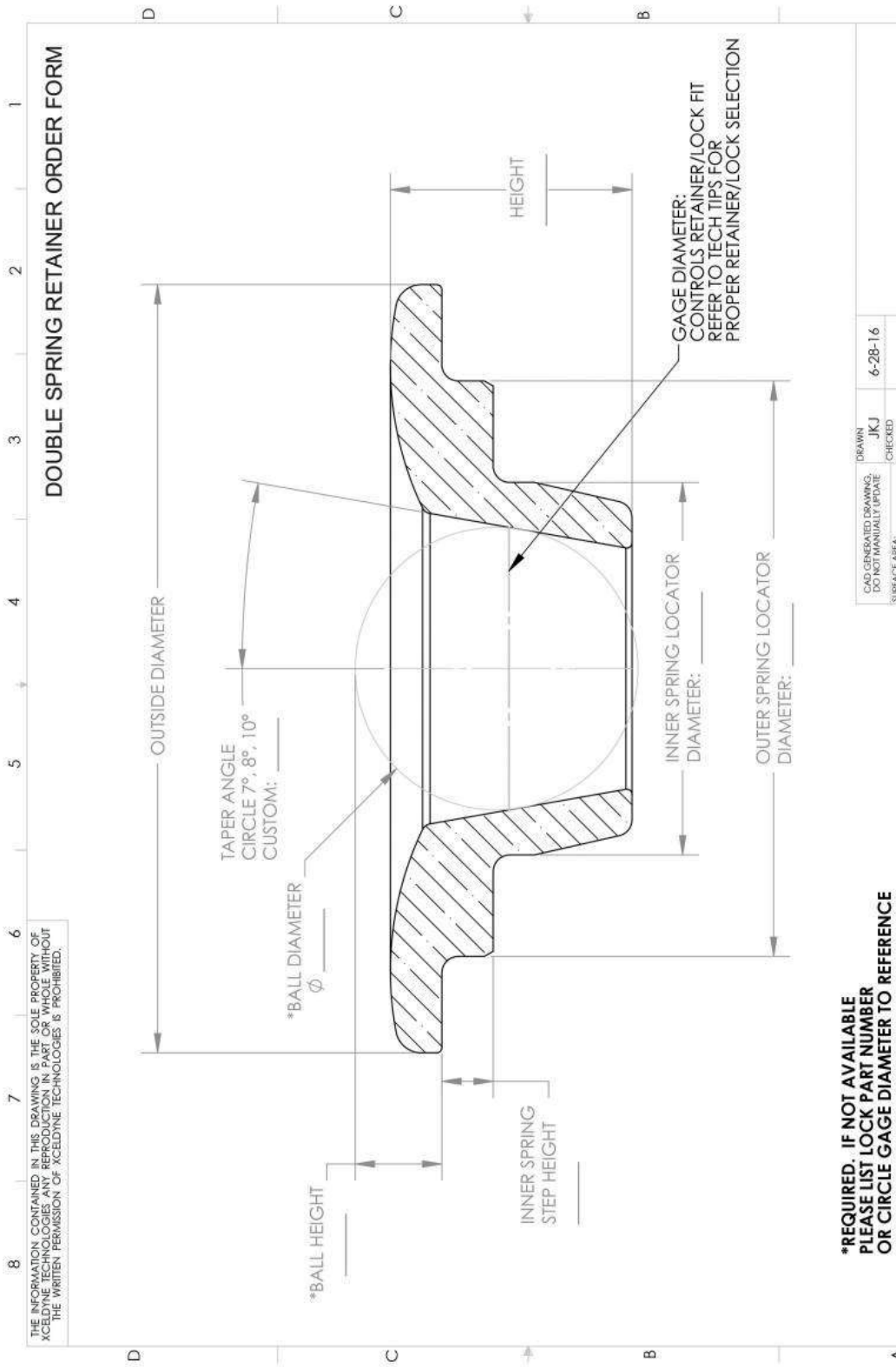


***REQUIRED. IF NOT AVAILABLE
PLEASE LIST LOCK PART NUMBER
OR CIRCLE GAGE DIAMETER TO REFERENCE
LOCK PART NUMBER: _____**

CAD GENERATED DRAWING: DO NOT MANUALLY EDIT	DRAWN JKJ CHECKED	6-28-16
SURFACE AREA: 4.06 sq. in.	BKG	RETAINER
MASS: 15.73 g	UNLESS OTHERWISE SPECIFIED: DIMENSIONS IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS HOLE DIMETERS HOLE DIMETERS WELDED ANGLES WELDED ANGLES XXX .005 .005 XXX .005 .005	DWG. NO. Single Spring Retainer Order Form REV. A
MATERIAL: Ti 6/4	SEE NOTES	SCALE 1:1 DO NOT SCALE DRAWING: SHEET 1 OF 1
FINISH:	3	2

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF XCEL DYNE TECHNOLOGIES. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF XCEL DYNE TECHNOLOGIES IS PROHIBITED.

DOUBLE SPRING RETAINER ORDER FORM



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***REQUIRED. IF NOT AVAILABLE
PLEASE LIST LOCK PART NUMBER
OR CIRCLE GAGE DIAMETER TO REFERENCE**

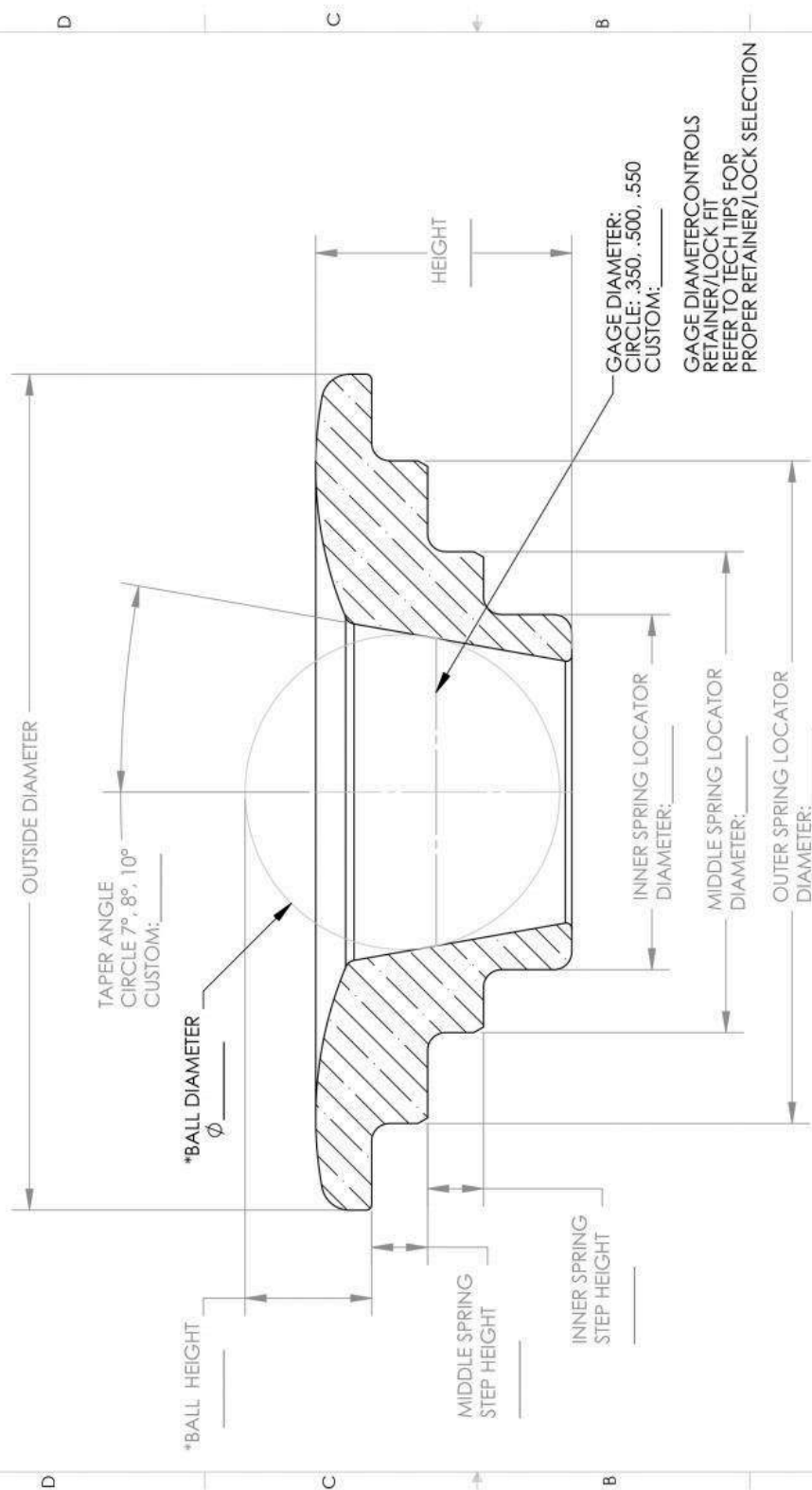
LOCK PART NUMBER: _____



CAD GENERATED DRAWING. DO NOT MANUALLY UPDATE	DRAWN JKJ	6-28-16
SURFACE AREA:	CHECKED	
MASS: 4.79 sq. in.	ENG	
MATERIAL: 17.79 g	UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES	
FINISH: TI 6/4	TOLERANCES UNLESS SPECIFIED: FRACTIONS DECIMALS ANGLES WELDED ANGLES	
SEE NOTES	TOL. TABLE: MIL., .005 .000, .005 .000, .005 .000	
	RETAINER	
	DWG. NO. Double Spring Retainer Order Form	
	REV. 1 OF 1	
	SCALE: 1:1 DO NOT SCALE DRAWING	

TRIPLE SPRING RETAINER ORDER FORM

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF XCEL DYNE TECHNOLOGIES. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF XCEL DYNE TECHNOLOGIES IS PROHIBITED.



CAD GENERATED DRAWING: DO NOT MANUALLY UPDATE SURFACE AREA: 4.81 sq. in. MASS: 19.51 g MATERIAL: Ti 6/4 FINISH: SEE NOTES	DRAWN: JKJ CHECKED: BNG UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONAL ANGLES ALL WELDED ANGLES DEC. INCHES: .000, .005, .010, .015, .020, .030, .040, .050, .060, .070, .080, .090, .100, .125, .150, .175, .200, .250, .300, .375, .450, .500, .625, .750, .875, 1.000, 1.250, 1.500, 1.750, 2.000, 2.500, 3.000, 3.750, 4.500, 5.000, 6.000, 7.000, 8.000, 9.000, 10.000	DWG. NO.: 6-28-16 TITLE: RETAINER SCALE: 1:1 SHEET: 1 OF 1 REV. A Triple Spring Retainer Order Form XCEL DYNE TECHNOLOGIES (Catalog Item #342800)
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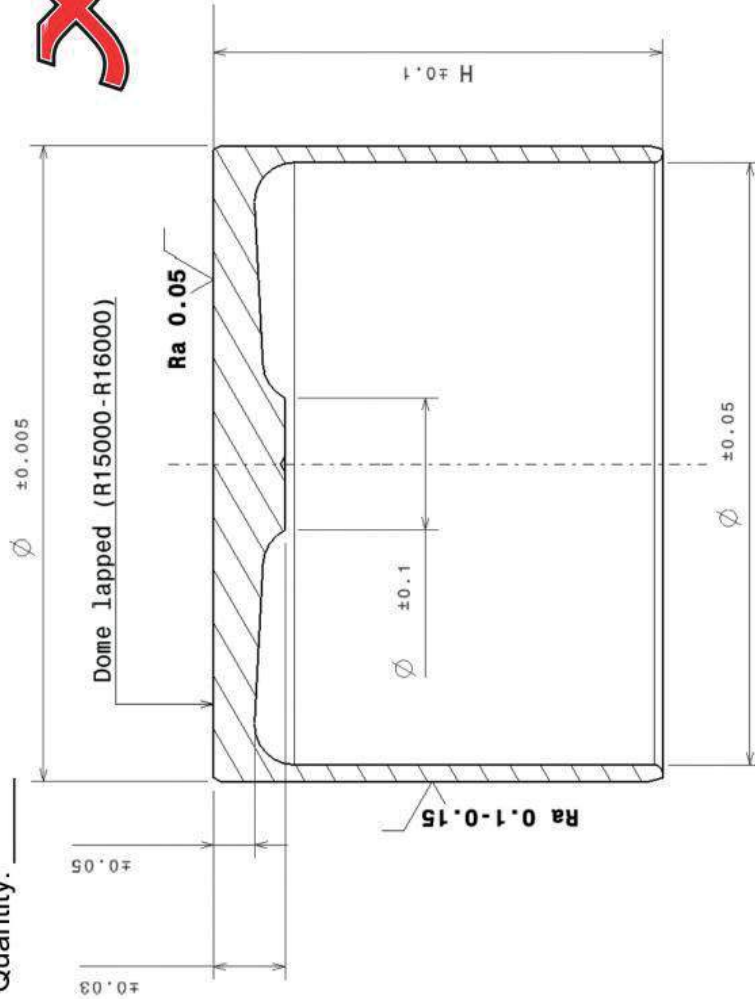
***REQUIRED. IF NOT AVAILABLE, PLEASE LIST LOCK PART NUMBER OR CIRCLE GAGE DIAMETER TO REFERENCE**

LOCK PART NUMBER: _____

QUOTE REQUEST:

CAM BUCKET ORDER FORM

Quantity: _____



-
-

Nitride

DLC coating suitable for the most extreme wear conditions and high relative speeds
 Extremely thin application (3-4 μ m), Hardness: ~2000HmV
 Very Low Coefficient of friction: ~0.1



SPARK PLUG CROSS REFERENCE CHART

Autolite® Racing Plug Number	Old Autolite® Racing Plug Number	Champion	NGK
AR12	12	RV9YC	R5674-7
AR13	13	RV9YC	R5674-6
AR23	-	RV9YC	BPR6FS
AR24	-	RV12YC	BPR6FS
AR25	-	RV15YC4	UR4
AR32	32	RF9YC	AP8FS
AR33	33	RF9YC	AP7FS
AR50	50	N59YD	R5672A-10
AR51	51	N61YD/N6YC	R5672A-9
AR52	52	N63YD/N7YC	R5672A-8
AR53	53	N9YC	BP6ES
AR72	72	J12YC	R5670-7
AR73	73	J12YC	R5670-6
AR74	74	J12YC	R5670-6
AR92	-	S57YC	R5724-10
AR93	-	S59YC	R5724-9
AR94	-	S61YC	R5724-8
AR103	-	RS9YC	BPR6EFS/TR6
	113	RF10C	AR6FS
AR131	131	V55C	R5673-10
AR132	132	V57C	R5673-9
AR133	133	V59C	R5673-8
AR134	134	V63C	R5673-8
AR135	135	V63C	R5673-7
-	136	RV8C	R5673-6
-	393	N3C	R5671A-7
AR472	472	S57C	B9EFS
AR473	473	S59C	B9EFS
AR474	474	S61C	B9EFS
AR764	-	RS12YC	TR5
AR3592	2592	C59	R5671A-10
AR2593	2593	C61	R5671A-9
AR2594	2594	N2C	B9ES
AR3910	3910	C59YC	R5672A-9
AR3911	3911	C61YC	R5672A-8
AR3923	-	RC9YC	BKR6E
AR3924	-	RC12YC	FR5
AR3931	-	C55C	R5671A-11
AR3932	3932	C57CX	R5671A-10
AR3933	3933	C59CX	R5671A-9
AR3934	3934	C61CX	R5671A-8
AR3935	-	C63C	R5671A-7
-	4113	L82YC	BP6HS
-	4114	L87YC	BP6HS

Autolite



BOSCH SPARK PLUG CROSS REFERENCE



SUPPLIER PART NUMBER	THREAD	REACH	HEX	BOSCH PART NUMBER
AUT4302	10MM	3/4in.	5/8in.	UR 2 CC (0 242 060 501)
AUT-AR103	14MM	.708in.	5/8in.	HR 7 DC+ (7918)
AUT-AR12	14MM	15/32in.	5/8in.	HR 6 DS (0242.240.519)
AUT-AR3910	14MM	3/4in.	5/8in.	F 07 DDER
AUT-AR3910X	14MM	3/4in.	5/8in.	F 07 DDER
AUT-AR3911	14MM	3/4in.	5/8in.	F 3 CS & F 08 DDER
AUT-AR3924	14MM	3/4in.	5/8in.	FR 8 DC+ (7927)
AUT-AR3931	14MM	3/4in.	5/8in.	F 05 CE0
AUT-AR3932	14MM	3/4in.	5/8in.	F 06 CE0
AUT-AR3932X	14MM	3/4in.	5/8in.	F 07 CE0 & F 08 CS
AUT-AR3933	14MM	3/4in.	5/8in.	F 2 CS & F 07 DDER
AUT-AR3933X	14MM	3/4in.	5/8in.	F 2 CS & F 07 DDER
AUT-AR3934	14MM	3/4in.	5/8in.	F 3 CS & F 08 DDER
AUT-AR4133	12MM	3/4in.	11/16in.	7701 (0242.150.501) (XR4 CS)
CHAC55	14MM	3/4in.	5/8in.	F 06 CE0 & F 08 CS
CHAC55CX	14MM	3/4in.	5/8in.	F 06 CE0 & F 08 CS
CHAC57	14MM	3/4in.	5/8in.	F 08 CS (0 241 268 508 000)
CHAC57CX	14MM	3/4in.	5/8in.	F 08 CS (0 241 268 508 000)
CHAC59	14MM	3/4in.	5/8in.	F 2 CS & F 07 DDER
CHAC59CX	14MM	3/4in.	5/8in.	F 2 CS & F 07 DDER
CHAC59YC	14MM	3/4in.	5/8in.	F 2 CS & F 07 DDER
CHAC65YC	14MM	3/4in.	5/8in.	FR 5 DC+ (7928) (0242.245.566)
CHAV59C	14MM	15/32in.	5/8in.	FR 07 DE0
CHAV59YC	14MM	15/32in.	5/8in.	FR 07 DE0
NGK-B9ES	14MM	3/4in.	13/16in.	W 2 CS
NGK-BKR6E	14MM	3/4in.	5/8in.	FR 7 DC+ (7955) (0242.265.667)
NGK-BU8H	14MM	1/2in.	13/16in.	W 2 AS
NGK-CR10E	10MM	3/4in.	5/8in.	UR 2 CC (0 242 060 501)
NGK-R5671A-10	14MM	3/4in.	5/8in.	F 05 CE0 *
NGK-R5671A-11	14MM	3/4in.	5/8in.	F 05 CE0 *
NGK-R5671A-7	14MM	3/4in.	5/8in.	F 08 CE0 * & F 08 CS
NGK-R5671A-8	14MM	3/4in.	5/8in.	F 07 CE0 *
NGK-R5671A-9	14MM	3/4in.	5/8in.	F 2 CS & F 07 DDER
NGK-R5672A-10	14MM	3/4in.	5/8in.	F 08 CE0 * & F 08 CS
NGK-R5672A-8	14MM	3/4in.	5/8in.	F 2CS
NGK-R6061-10	14MM	3/4in.	13/16in.	F 06 CE0
NGK-TR5	14MM	.691in.	5/8in.	7970 (0242.229.655) (HR8 DC+)
NGK-TR55	14MM	.691in.	5/8in.	7979 (0242.225.643) (HR9 DCX+)
NGK-TR6	14MM	.691in.	5/8in.	HR 6 DS (0242.240.519)

* = equivalent heat range different electrode configuration (will require timing change)

NOTE: Most Bosch Spark Plugs Only Available in Boxes of 100.