

AUTHENTIC PERFORMANCE™



MUSCLE_STREET_SPEED_TRAIL



PERFORMANCE

MOPAR PERFORMANCE TERMS AND CONDITIONS



NOTICE

Federal and many state laws prohibit the removal, modification or rendering inoperative of any part or element of design affecting emissions or safety on motor vehicles used for transporting persons or property on a public street or highway. Violation may result in a fine of up to \$32,500 per vehicle. Mechanical and/or electronic performance parts listed in this catalog with a “1” cannot be used on vehicles used on public streets or highways. These parts may be used only on vehicles used solely in sanctioned off-highway events. No other applications are intended or implied. Those parts that have been granted an exemption by the California Air Resources Board (CARB) or meet the EPA requirements of memorandum 1A are legal for highway use in California, New York and Massachusetts and are noted as such.

NO PARTS WARRANTY – “AS IS”

Mopar Performance parts beginning with a “P” prefix are sold “as is” unless otherwise noted. This means that parts sold by Mopar Performance carry no warranty whatsoever. Implied warranties, such as warranties of merchantability, are excluded. (An implied warranty of merchantability means that the part is reasonably fit for the general purpose for which it was sold). The entire risk as to quality and performance of such parts is with the buyer. Should such parts prove defective following their purchase, the buyer and not the manufacturer, distributor or retailer, assumes the entire cost of all necessary servicing or repair. Chrysler, Dodge and Jeep® vehicle and parts warranties are voided if the vehicle or parts are used for competition. The addition of performance parts does not by itself void a vehicle’s warranty. However, added performance parts (parts not originally supplied on the vehicle from the factory) are not covered by the vehicle’s warranty, and any failure that they may cause is also not covered by the vehicle’s warranty.

MOPAR PERFORMANCE CRATE ENGINE 90-DAY LIMITED WARRANTY

Mopar Performance Crate Engine Assemblies not used in competition are warranted for “parts only,” AS DELIVERED against defects in materials or workmanship for 90 days from the date of purchase. The following parts, if defective, will be replaced on an exchange basis for 90 days: engine blocks and all internal parts; cylinder head assemblies; intake manifold; core plugs; valve covers; oil pan; timing gear; water pump; gaskets and seals. See your dealer for a copy of the limited warranty, which contains additional terms and limitations.

MOPAR PARTS 12-MONTH LIMITED WARRANTY

Except parts as listed above, certain parts from Mopar Performance sold over the counter or wholesaled are warranted against defects in workmanship or materials for 12 months/unlimited miles for parts (exchange) only. These parts are identified in this catalog as having a specific part number structure. Part numbers starting with “P” are not covered under the 12-month warranty. Other parts listed in this catalog without a “P” prefix part number are covered under the 12-Month Limited Warranty described here. See your dealer for a copy of the limited warranty, which contains additional terms and limitations. Parts installed on a Chrysler, Plymouth, Dodge or Jeep® vehicle by an authorized Chrysler, Dodge or Jeep® dealer are warranted for 12 months/unlimited miles for parts (exchange) only. See your dealer for a copy of the limited warranty, which contains additional terms and limitations.



EMISSIONS STATEMENT

Federal law requires emissions parts on new vehicles to be warranted for at least two years or 24,000 miles, whichever comes first. Federal and many state laws also prohibit the removal, modification or rendering inoperative any part that affects emissions or safety on motor vehicles used on public streets or highways. Many Mopar Performance parts are designated for track use or off-road use only. Installation of certain components may bring the vehicle out of compliance with safety and/or emissions standards. Mopar recommends that vehicles with parts designated in this fashion not be operated on public roads. Mopar Performance customers are responsible for complying with applicable state and local environmental regulations. Additionally, certain performance parts may affect the emissions characteristics of the vehicle. If you install them on the vehicle, and your vehicle consequently fails a required state or local I/M (inspection and maintenance) emissions test, including any test required to maintain or renew your vehicle's registration, or if your vehicle is subject to an emissions recall, Chrysler LLC may not be required to repair your vehicle under the emissions performance warranty, and you may be required to remove those parts at your own expense in order to obtain repairs necessary to pass the I/M test or to perform the recall.

NOTE — CALIFORNIA ONLY

The emissions laws and regulations of the state of California apply to all non-racing vehicles operated in California. Consequently, those parts marked in this catalog with a "2" and appropriately marked on their packaging may legally be used in California only on a racing vehicle that will never be operated on public roads.

PARTS ORDERING AND INQUIRIES

The parts in this catalog may be ordered from authorized Chrysler, Dodge and Jeep® dealerships or the speed shops carrying the Mopar Performance line of products. When a part ordered has been superseded, the replacing part will be shipped automatically. The price of the replacing part may differ from the ordered part. All products, illustrations and specifications are based upon current information at the time of publication approval. Although descriptions are believed correct, complete accuracy cannot be guaranteed. Chrysler LLC reserves the right to make changes at any time, without notice or obligation, to the information contained in this printed document, including and without limitation to prices, specifications, equipment, colors, materials, and to change or discontinue products.

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From the original Beautiful Brutes to the barely-tamed hot rods that dominated the drag strips during the muscle car era, Mopar means HEMI® and we've got the blueprints to prove it. Our wedge crate Big Blocks offer plenty of track-tested muscle to make your teeth rattle, while our potent Small Block dynamos offer the perfect combination of power and performance to buckle you into a rocket.



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AUTHENTIC PERFORMANCE™



HEMI® GEN II



PERFORMANCE

CRATE ENGINES

A. 528 Hemi Crate Engine - 640 Horsepower

Bigger is truly better in high-performance engines. Mopar has developed a huge 528 Hemi Crate Engine that cranks out a whopping 640 horsepower and 612 ft.-lbs. of torque! Mopar recommends that for maximum performance, an 850/900 cfm Holley carburetor and 2-1/4" exhaust headers be used (not available through Mopar). Shown with available Cross Ram Intake (P5007534), Holley Carburetors (P4452778 and P4452779), and Hemi Air Horns (P5007809). Refer to the Hemi and Fuel Systems sections of this catalog for details.

Note: Assembled by legendary Hemi engine builder Ray Barton for Mopar.

¹ P5007630AE Crate Engine, 640 Horsepower, 612 ft.-lbs. Torque, 528 Hemi

Specifications:

- Built with All-New Components
- Heavy-Duty, Siamese-Bore Cast Iron Block with Cross-Bolted Mains
- Aluminum Cylinder Heads
- Black Cast Aluminum Valve Covers
- Breathers
- Stainless Steel 2.25" Intake and 1.94" Exhaust Valves
- Heavy-Duty Single Valve Springs
- Premium Material Valve Stem Seals
- Camshaft grind selected by Ray Barton for Mopar's 528 Hemi
- Forged Pistons - 4.50" Bore, 10.0:1 C.R.
- Aluminum Single Plane Four-barrel Intake Manifold
- Forged Steel Crankshaft - 4.15" Stroke
- Precision Double Roller Timing Chain and Sprockets
- Chrome Front Cover
- Six-quart Center Sump Oil Pan (1970-71 B- and E-Body Style)
- Spark Plug Wires
- High-Performance Electronic Distributor
- Heavy-Duty Engine Stand and Shipping Crate

Note: 10.0:1 compression ratio with aluminum heads allows the use of current high-octane premium pump gasoline. Crate engines that change the emissions performance of the vehicle may not be legal for use on vehicles regulated for highway use in California and other states. Horsepower and torque ratings based on test engine. Ratings may vary on individual engines. Verify hood clearance for Intake Manifold.



A. (Cross Ram Set-up Not Included)

CRATE ENGINES

A. 472 Hemi Crate Engine - 530 Horsepower

The 472 Hemi Crate Engine with increased displacement and power is an impressive step up from the familiar 426 Hemi. Mopar recommends the use of an 850 cfm vacuum secondary Holley carburetor and 2.00" exhaust headers (not available through Mopar).

¹ **P5249666AE** Crate Engine, 530 Horsepower, 530 ft.-lbs. Torque, 472 Hemi

Specifications:

- Built with All-New Components
- Heavy-Duty Cast Iron Block with Cross-Bolted Mains
- Cast Iron Cylinder Heads
- Chrome Valve Covers
- Breathers
- Stainless Steel 2.25" Intake Valves and 1.94" Exhaust Valves
- Heavy-Duty Single Valve Springs with Dampers
- Premium Material Valve Stem Seals
- 301° Hydraulic Camshaft (248° duration @ .050") - 0.582"/0.563" Lift
- Forged Pistons - 4.250" Bore, 9.0:1 C.R.
- Aluminum Dual-Plane M1® Four-barrel Intake Manifold
- Forged Steel Crankshaft - 4.150" Stroke
- Premium Double Roller Timing Chain and Sprockets
- Front Timing Chain Cover
- Six-Quart Rear Sump Oil Pan (1970-71 B- and E-Body Style)
- 7 mm Silicone Spark Plug Wires
- Spark Plugs
- High-Performance Electronic Distributor
- Heavy-Duty Engine Stand and Shipping Crate

Note: 9.0:1 compression ratio allows the use of current high-octane premium pump gasoline. Crate engines that change the emissions performance of the vehicle may not be legal for use on vehicles regulated for highway use in California and other states. Horsepower and torque ratings based on test engine. Ratings may vary on individual engines.



A.

CRATE ENGINES

A. 426 Hemi Crate Engine - 465 horsepower

Remove and store your rare numbers-matching original Hemi and replace it with a Mopar 426 Hemi Crate Engine. Here's classic power to move you -- 465 horsepower and 465 ft.-lbs. of torque under your right foot. For maximum performance, Mopar recommends the use of a 750 cfm Holley carburetor (P4349228) and 2.00" exhaust headers (not available through Mopar).

¹ P5249667AE Crate Engine, 465 Horsepower, 465 ft.-lbs. Torque, 426 Hemi

Specifications:

- Built with All-New Components
- Heavy-Duty Cast Iron Block with Cross-Bolted Mains
- Cast Iron Cylinder Heads
- Chrome Valve Covers
- Breathers
- Stainless Steel 2.25" Intake Valves and 1.94" Exhaust Valves
- Heavy-Duty Single Valve Springs with Dampers
- Premium Material Umbrella-Type Valve Stem Seals
- 288° Hydraulic Camshaft (234° duration @ .050")- 0.499"/0.483" Lift
- Forged Pistons - 4.250" Bore, 8.7:1 C.R.
- Aluminum Dual-Plane Four-barrel Intake Manifold
- Forged Steel Crankshaft - 3.750" Stroke
- Premium Double Roller Timing Chain and Sprockets
- Front Timing Chain Cover
- Six-Quart Center Sump Oil Pan (1970-71 B- and E-Body Style)
- Spark Plug Wires
- High-Performance Electronic Distributor

Note: 8.7:1 compression ratio allows the use of current high-octane premium pump gasoline. Crate engines that change the emissions performance of the vehicle may not be legal for use on vehicles regulated for highway use in California and other states. Horsepower and torque ratings based on test engine. Ratings may vary on individual engines.



A.



A.



B. P5153862



B.



C.

ENGINE INSTALLATION COMPONENTS

A. Engine Installation Components

Now Mopar offers these much needed parts to make your 426 Hemi original production or crate engine installation easier. Each part sold individually, unless noted.

P4510285	Bracket, Coil
P4510287	Brackets, Engine Mounting, LH/RH, Hemi Crate Engine, Engine Set
P4510288	Insulator, Left Hand
P4510289	Insulator, Right Hand
P4510284	Oil Dipstick and Tube
P4510283	Pulley, Crank Spacer, 3/16" Thick
P4510281	Pulley, Crank, Belt Groove with Power Steering
P4510286	Pulley, Crank, without Power Steering
P4510282	Pulley, Water Pump

BLOCKS

B. Cast Iron Hemi Siamese-Bore Blocks

Cast Iron Siamese-Bore 426 Hemi Blocks give engine builders the flexibility for a larger bore. Blocks can be bored to the stock size of 4.25", but are specifically designed to be bored larger. Mopar recommends that you sonic check each block if you plan to exceed as-shipped bore diameters.

¹ P5155072	Block, Cast Iron, 426 Hemi, Siamese-bore, Finished Bored at 4.25"
¹ P5153862	Block, Cast Iron, 426 Hemi, Siamese-bore, Finished Bored at 4.50"
¹ P5153942	Block, Cast Iron, 426 Hemi, Siamese-bore, Rough Bored at 4.24"
¹ P5153943	Block, Cast Iron, 426 Hemi, Siamese-bore, Rough Bored at 4.24", Tappet machining Deleted
¹ P5153861	Block, Cast Iron, 426 Hemi, Siamese-bore, Rough Bored at 4.49"

C. Aluminum Hemi Siamese-bore Blocks

Cast from 356 T-6 aluminum. Extra wall thickness in critical areas.

¹ P5155016	Block, Aluminum, 426 Hemi, Siamese-bore, Finished Bored at 4.49"
¹ P5153864	Block, Aluminum, 426 Hemi, Siamese-bore, Finished Bored at 4.50"

Composite Graphite Hemi Siamese-bore Blocks (Not Shown)

¹ P5153865	Block, Composite Graphite, 426 Hemi, Siamese-bore, Rough Bored at 4.49",
¹ P5153869	Block, Composite Graphite, 440 Wedge, Siamese-bore, Rough Bored at 4.49"

Questions? Call the Mopar Direct Connection Techline at 1-888-528-HEMI (4364)

¹ Not legal on pollution-controlled vehicles or vehicles registered for highway use.

HEMI®, GEN II

ENGINE BLOCK HARDWARE

A. Engine Teardown Gasket Sets

All gaskets needed for complete Hemi engine teardown, including oil pan, cylinder head, valve cover, timing chain case cover, intake manifold and oil pump.

P3412083 Gaskets, Engine Teardown, 1966 and Newer 426 Hemi, Set



A.

B. Rear Main Bearing Seal Retainer Kit

Kit contains engine rear main seal retainer, retainer bolts and seal package.

P4529732 Seal Retainer Kit, Rear Main Bearing, 426 Hemi/ Big Block



B.

C. Oil Seal Package

Includes crank seals and installation tool.

P4271961 Oil Seal Package, 426 Hemi and Big Block



C.

D. Block Hardware Package

Includes all necessary dowels, plugs, bushings and keys, as well as core plugs, rear cam bearing plug, drive gear bushing and head dowels.

P5249259AB Hardware Package, Block, 426 Hemi/ Big Block (For Use With Original Style Hemi Blocks)

P5155034 Hardware Package, Block, For Use With New B/RB Hemi and Wedge Engine Blocks



D.

E. Core Plugs

These round, press-in engine Core Plugs fit original style standard or Mopar race cast iron blocks.

P5249708 Core Plugs, Brass, 426 Hemi and Big Block



D.

CRANKSHAFTS AND HARDWARE

F. Forged Crankshafts - Machined

High-strength, high-quality Forged Crankshafts machined from 4340 steel. For high-performance race applications. Eight-bolt flange.

¹ **P5007251** Crankshaft, Forged, 3.75" Stroke, Full Radius, Eight-bolt, Balanced, 426 Hemi/ Wedge/ "RB" Engine, Race

¹ **P5007250** Crankshaft, Forged, 4.15" Stroke, Full Radius, Eight-bolt, Balanced, 426 Hemi/ Wedge/ "RB" Engine, Race



E.

G. Crank Key Package

Locates crank sprocket on the nose of the crankshaft. Contains two keys.

P5249822 Key Package, Crank, 426 Hemi/ Big Block/ Small Block/ Slant Six



F.



G.

CRANKSHAFTS AND HARDWARE

A. Crank Bolt Packages

Used to attach the vibration damper to the crankshaft.

- P5249562** Bolt Package, Crank, 1.25" Length, Thin Damper, 426 Hemi/ Big Block with O.E.M Dampers
- P5249557AB** Bolt Package, Crank, 2.25" Length, 426 Hemi/ Big Block/ Small Block/ Aftermarket Dampers



A.

B.

VIBRATION DAMPERS

B. Thin Crank Vibration Damper

Designed for forged cranks and used primarily in Big Block and Hemi engines. It features 90° index markings and a symmetrical six-bolt pattern for pulley attachment. On pre-1972 engines with stock pulleys, minor modifications will be needed to attach bottom pulley. Not SFI approved. Must use 383/440 engine pulleys (not available through Mopar).

- P3830183** Vibration Damper, Thin Crank, Big Block, without 400 Cast Crank or 440 with Six Pack Connecting Rods

C. Vibration Damper - 426 Hemi

Features a steel ring and a universal six-bolt front pulley mount pattern. SFI approved.

- P5249699** Vibration Damper, Steel, 1966-71 426 Hemi



C.

D.

D. Oil Slinger

Protects front seal from excessive oil contact. Forces lubricant oil into chain.

- P5249636** Oil Slinger, 426 Hemi/ Big Block/ Small Block/ Slant Six/ 3.9L V6

E. Damper Degree Timing Tape

Improve timing accuracy with this Damper Degree Timing Tape. Marked in 90° increments. Self-adhesive strip adheres to the Crank Vibration Damper for clear identification of marks. Permits initial total spark advance up to 60° instead of only 10°-15° as on chain case timing tab.

- P4529070AB** Damper Degree Timing Tape (Damper Not Included)



E.

TIMING CHAIN AND SPROCKETS

A. Double Roller Chain and Sprocket Sets

Provide added durability and decreased rotational friction versus the production silent chains. Three machined keyways in crank sprocket to adjust cam timing. Kits include magnafluxed sprockets and roller timing chain.

¹ P5249269 Chain and Sprockets, Roller Double, Three-bolt Mount, B/RB, Hemi

¹ P4452815 Chain and Sprockets, Roller, Standard, Three-bolt Mount, All Out Race, Big Block/Hemi



B. Chrome-Plated Front Timing Chain Cover

Includes cover, seal, and gasket.

P4349816 Cover, Timing Chain, Chrome-Plated, Front

C. Chrome Bolt Package for Front Timing Cover

Engine chrome dress-up projects are incomplete without chrome bolts.

P4452795 Bolt Package, Front Timing Cover, Chrome

D. Front Cover Seal and Gasket

P4876280 Seal, Front Cover, 426 Hemi/ Big Block/ Small Block

P4876769 Gasket, Front Cover, Hemi/Big Block

PISTONS AND CONNECTING RODS

E. Forged Aluminum Piston - 426 Hemi

Features valve notches and floating pin. Top and second rings measure 1/16", while oil rings measure 3/16".

¹ P4876026 Piston, Forged Aluminum, 4.500" Bore, 4.500" Stroke, 6.860" Rod, 12.5:1 C.R., 426 Hemi

F. Forged Steel Connecting Rods

This durable connecting rod is forged from 4340 super high-strength steel. Includes high-strength bolts.

P5249898 Connecting Rod, Floating Pin, Forged Steel, 6.86" Center-to-Center, Sold Individually

A.

B.



C.

D.



E.

F.

CAMSHAFTS, LIFTERS, AND HARDWARE

A. 426 Hemi Purple Shaft Camshafts

All Mopar Purple Shaft performance camshafts are designed, developed, dyno'd and track tested by engineers for increased power and rpm potential while maintaining reliability and the best possible low-speed characteristics, including torque and idle quality. Each package contains the camshaft, cam lube, instruction sheet and tappets. For 426-based Hemi engines.

¹ P4529315 Camshaft, Hydraulic, Duration @ .050" 241° Intake / 241° Exhaust. Intake Centerline 106°. Lift .484" Intake / .475" Exhaust. Recommended springs P3690933, 1970-71 Street

¹ P4529316 Camshaft, Mechanical, Duration @ .050" 241° Intake/241° Exhaust. Intake Centerline 106°. Lift .484" Intake / .475" Exhaust. Recommended springs P3690933, 1966-69 Street

B. Mechanical Tappet

Sold individually.

P2843177 Tappet, Mechanical, 0.0005" Undersize

C. Roller Tappet Set

Includes matched pair of roller tappets with guide bar.

P4452920 Tappet Set, Roller, for Bushed Lifter Bores, Hemi/Big Block

D. Hydraulic Tappet

Sold individually.

P4006767 Tappet, Hydraulic, Hemi/ Big Block

E. Pushrods

Engineered to be installed in your Hemi® engine rebuilding project. Pushrods are 3/8" diameter and sold as complete engine sets or individually for service (426 Hemi).

¹ P4529561 Pushrod, Hydraulic, Overall length 10.64" Intake, 11.62" Exhaust, Set of 16

¹ P4529547 Pushrod, Hydraulic, Overall length 10.64" Intake, Sold Individually

¹ P4529548 Pushrod, Hydraulic, Overall length 11.62" Exhaust, Sold Individually

¹ P4529549 Pushrod, Mechanical, Overall length 10.81" Intake, Sold Individually

P4529550 Pushrod, Mechanical, Sold Individually

Note: Hydraulic pushrods are made to 1970-71 OEM lengths for use with OEM height lifters. Check overall lengths for your application before purchase.



A.



B.



C.



D.



E.

HEMI®, GEN II

CAMSHAFTS, LIFTERS, AND HARDWARE

A. Camshaft Bearings

Complete engine set.

P5249711 Bearings, Camshaft, Babbitt Applications, 426 Hemi/ Big Block

B. Offset Camshaft Bushing Set

Includes five bushings: 2°, 4°, 6°, 8° offset, and one on-center bushing. Color guide only - check installations with dial indicator. Gold = 2°, Copper = 4°, Silver = 6°, Black = 8°

P3690936 Bushing Package, Camshaft, Offset, 426 Hemi/ Big Block/ Slant Six

C. Camshaft Sprocket Bolt Kit

P5007801 Sprocket Bolt, Camshaft, For Three-bolt Mounting, 426 Hemi/ Big Block, Set of three

CYLINDER HEADS, HARDWARE, AND GASKETS

D. Aluminum Cylinder Heads

Interchangeable with production cast iron heads and offers a weight reduction of 50 lbs. per engine set. Features include single plug per cylinder (capability for dual), common 2.25" intake and 1.94" exhaust valve machining, 170 cc combustion chamber, valve seats and guide inserts. Includes valves, springs, retainers and keepers.

P5153875 Cylinder Head, Aluminum, Assembly, as used on 528 Hemi Crate Engine

P5153779 Cylinder Head, Aluminum, Bare, 426 Hemi

E. New! Cast Iron Cylinder Heads

Designed for more power. Stiffer and stronger than original, increased material permits porting for improved airflow. Features the same outward appearance as the original 1966-1971 heads, except for shape of alternator boss. All components attach the same as original (intake and exhaust valves, valve guides, seats, rocker gear, etc.). Features 170 cc combustion chamber and 2.25" intake and 1.94" exhaust valve machining.

P4876883AB Cylinder Head, Aluminum, 4.90" Bore Centers, Hemi 99

P4876855 Cylinder Head, Cast Iron, Assembly, as used on 426 Hemi Crate Engine

P4529898 Cylinder Head, Cast Iron, Bare, 426 Hemi



A.



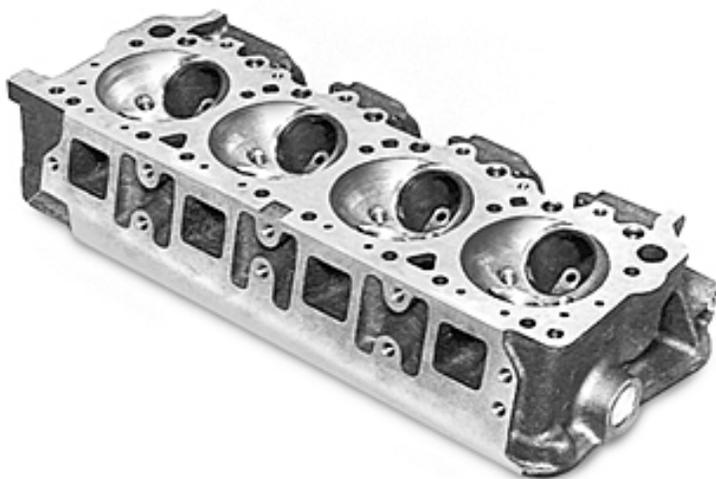
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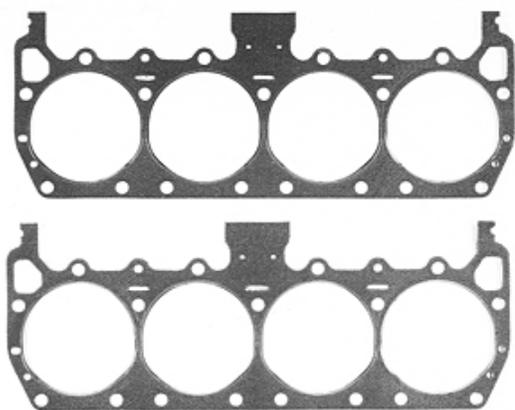
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D.



E.



A.



B.



C.



D.

CYLINDER HEADS, HARDWARE, AND GASKETS

A. Composite Material Cylinder Head Gaskets

Can be used for standard and high-compression (up to 12.5:1) 426-based Hemi engines. These premium high-quality head gaskets offer maximum sealing and have a thickness of 0.040" to 0.042". Sold in pairs.

- ¹ P4876071 Gasket, Cylinder Head, Composite Material, 4.380" - 4.500" Bore Range
- ¹ P4529456 Gasket, Cylinder Head, Composite Material, 4.250" - 4.310" Bore Range

Multi-layer Steel Cylinder Head Gaskets (Not Shown)

Hemi multi-layer steel gaskets. Sold in pairs.

- P5155234 Gaskets, Multi-layer Steel, 0.025" Compressed Thickness, for 4.250" Bore Diameter. Especially recommended for use with aluminum heads.

B. Cylinder Head Bolt Set

Includes head bolts and washers for one cylinder head.

- P4529978 Bolt Set, Cylinder Head, For Original and Restoration Blocks. Requires Additional 4 1/2" Inboard Stud for Use With Current Replacement Blocks, 426 Hemi
- P5249570 Hardware Kit, Cylinder Head, 426 Hemi

VALVE COVERS AND HARDWARE

C. Black Wrinkle Cast Aluminum Valve Covers

Painted black wrinkle and finned with Hemi logo cast in. For single-plug cylinder head applications. Uses Street Hemi valve cover rail. Gaskets included. Takes P5249949 oil cap.

- P5007796 Valve Cover, Cast Aluminum, Black Wrinkle, 1966 and Later Street Hemi, Set

D. Chrome Valve Cover Set

Features quality chrome plating. Includes two valve covers and gaskets.

- P4529338 Valve Cover, Chrome, 426 Hemi, Set
- P4120353 Gasket, Valve Cover, Rubber Reinforced Cork, Replacement, Two Per Set, 1966 and Newer Street Hemi

VALVE COVERS AND HARDWARE

A. Black Wrinkle Stamped Steel O.E. Valve Cover Set

Mopar takes another giant step to help the restoration crowd with these O.E. Black Wrinkle 426 Hemi® Valve Cover Sets. Original equipment for all 1966-1971 426 Hemi engines, these stamped steel black wrinkle covers have the spark plug wire brackets and rubber coated alternator wiring looms. Sets include left and right valve covers, hold-down studs and nuts. P4529399 also includes chrome breather cap, metal PCV valve and chrome PCV cap. Set P4510577 includes chrome oil fill cap and grommets for PCV and breather.

- P4529339** Valve Cover, Black Wrinkle, Original Equipment, 1966-69 426 Hemi, Set
- P4510577** Valve Cover, Black Wrinkle, Original Equipment, 1970-71 426 Hemi, Set



A.

B. Service Parts for Cast Aluminum Valve Covers

These parts will come in handy when servicing Mopar cast aluminum valve covers (P5007796).

- ¹ **P5007499** Cap, Breather, Bolt-On
- ¹ **P5249949** Cap, Oil Fill, Screw-In
- P5249947** Stud and Nut Kit, Long



B.

C. Service Parts for Stamped Steel Valve Covers

Contains 20 studs and 20 nuts, and allows you to retain factory valve covers. For use with all stamped (sheet metal) covers.

- P4529897** Hardware Kit, Valve Cover, Stud and Nut Package, 1966-71 426 Hemi



C.

D. PCV Package

Use this original equipment 426 Hemi® PCV Package for restoration or repair of Hemi valve covers. This factory reissue kit contains one PCV valve cap, a PCV valve and nut, and one PCV valve retaining spring. Push-on-style PCV valve cap is chrome and fits 1964-69 Hemi valve covers, including Mopar Chrome or Black Wrinkle valve cover kits. Can be used to service non-Hemi, 1960s-era push-on-style PCV valves.

- ¹ **P4529895** PCV Package, 1964-69 426 Hemi

Chrome Breather Cap (Not Shown)

For use with stamped steel Hemi valve covers, both black wrinkle and chrome

- ¹ **P4529896** Push-In Style Chrome Breather Cap, 1964-69 426 Hemi



D.

VALVES AND VALVE TRAIN HARDWARE

A. Valves

These stainless steel 426 Hemi Valves have swirl-polished underheads with no flat or ski jump areas. Feature a 5/16" stem diameter and one square groove. For use with cast iron and aluminum cylinder heads.

- ¹ P5249204 Valve, Exhaust, 1.94" Diameter, 4.86" Stem Length, 426 Hemi
- ¹ P5249203 Valve, Intake, 2.25" Diameter, 5.40" Stem Length, 426 Hemi

B. Valve Seals

Made of high-temp Viton® material, these Valve Seals feature a full or semi-umbrella shape for best dual-purpose use. Helps prevent oil seepage down valve guides. Not recommended for use with dual valve springs. Sold in sets of 16.

- ¹ P5249661 Valve Seals, 5/16" Stem, 0.530" Guide, 426 Hemi and 5.2L/5.9L Magnum/Jeep Engines

C. Valve Stem Lash Caps

These lash caps are 0.080" thick and fit between the end of the valve and the rocker arm tip. They are made of hardened steel for improved rocker tip durability. Larger area than stock valve tip to help spread the rocker loads. Sold in sets of 16.

- ¹ P4120635 Lash Caps, Valve Stem, 5/16" Stem, 426 Hemi/ Big Block/ Small Block/ Truck Magnum/Jeep Engines

D. Valve Guides

These silicon-bronze alloy Valve Guides are designed for aluminum heads. They must be pressed into the head once it is prepped. Guide replacement in aluminum heads requires removal of the old guide and some prep to resize the guide holes. Guide inside diameter must be sized for the valve stem once pressed into the head. Can be used to modify, rebuild or repair aluminum heads. Sold individually. For 426-based Hemi.

- ¹ P4876710 Valve Guide, 5/16" Valve Stem, Exhaust
- ¹ P4876709 Valve Guide, 5/16" Valve Stem, Intake

E. Valve Keepers (Split Locks)

These single-groove-style Hemi® Split Locks are made from hardened material. They feature a 5/16" stem diameter and can be used for restoration or performance applications. Sold as cylinder head sets of 16 pieces. Note that two sets are required for all V8 engines. For 426-based Hemi.

- P4120634 Valve Keepers 7°. Use with retainers P4452769 and P4529288
- P4529038 Valve Keepers, 10°. Use with Retainers P4120785, P4286775.



A.



B.



C.



D.



E.

Questions? Call the Mopar Direct Connection Techline at 1-888-528-HEMI (4364)

¹ Not legal on pollution-controlled vehicles or vehicles registered for highway use.

VALVES AND VALVE TRAIN HARDWARE

A. Valve Springs

High-pressure Valve Springs can be used on exhaust and intake valves for all high-performance applications. They feature a shorter fully-compressed height and allow for increased valve lift. Springs maintain spring load at higher rpms...a must for high-performance cams. Sold individually. With a single spring, the damper is installed inside the main spring; with a dual spring, the damper is installed between the inner and outer springs. There are no dampers in the triple springs. The retainers listed are the basic recommendation. Check the actual retainer listing for other options: added installed height, materials and lock size. For 426-based Hemi.

- ¹ P4286812 Valve Spring, Single, 0.430"/0.460" Lift
- ¹ P3690933 Valve Spring, Single, 0.440"/0.500" Lift
- ¹ P5249848 Valve Spring, Single, 0.480"/0.540" Lift
- ¹ P2806077 Valve Spring, Double, 0.500"/0.610" Lift
- ¹ P2946353 Valve Spring, Double, 0.520"/0.700" Lift
- ¹ P4876064 Valve Spring, Double, 0.590"/0.640" Lift
- ¹ P5249849 Valve Spring, Double, 0.650"/0.750" Lift
- ¹ P4007536 Valve Spring, Triple, 0.640"/0.745" Lift

B. Valve Spring Retainers

Available in three levels of performance: steel for restoration, chrome moly for heavy-duty applications, and titanium for top-level race performance. Sold individually.

- P4120785 Retainer, Titanium, 3/8", Dual, Std Height, 10°
- P4452769 Retainers, Steel, 5/16", Single, Std Height, 7°
- P4529288 Retainer, Chrome Moly, 5/16", Single/Dual, Std Height, 7°
- P4286775 Retainer, Titanium, 3/8", Triple, .060" Increase, 10°



A.



B.

Hemi®/Big Block Engine Valve Springs

Part Number	Installed Ht.	Description	OD	Wire		Material	Retainers
				Diameter	Lift Range		
P4286812	1.83"/1.86"	Single/damper	1.49"	0.208"	0.430"/0.460"	Chrome vanadium	P4452033
P3690933	1.83"/1.86"	Single/damper	1.53"	0.224"	0.440"/0.500"	Chrome vanadium	P4452769, P4529288, P5007858
P5249848	1.86"/1.87"	Single/damper	1.55"	0.216"	0.480"/0.540"	Chrome silicon	P4452769, P4289288
P2806077	1.83"/1.86"	Dual/damper	1.52"	0.215"	0.500"/0.610"	Chrome vanadium	P4529288, P4120785
P4876064	1.86"/1.88"	Dual/damper	1.60"	0.216"	0.590"/0.640"	Chrome silicon	P4529288, P4120785
P5249849	2.00"/2.02"	Dual/damper	1.55"	0.216"	0.650"/0.750"	Chrome silicon	P4120785
P4007536	2.00"/2.02"	Triple	1.62"	0.225"	0.640"/0.745"	Chrome silicon	P4286775

1. All valve springs are sold individually.
2. With a single spring, the damper is installed inside the main spring; with a dual spring, the damper is installed between the inner and outer springs. There is no damper in the triple springs.
3. Retainers listed are the basic recommendation. Check the actual retainer listing for other options-added installed height, materials, lock size.

ROCKER ARMS, SHAFTS, SUPPORTS, AND HARDWARE

A. Mechanical Rocker Arms

Made of SAE 1041 forged steel, featuring hardened valve tip pads (to help prevent scuffing) and internal bushings. Can serve as a replacement for original production rockers. Fits both cast iron and aluminum 426 Hemi heads. Sold individually. High-ratio rockers may require grinding on block and head for push rod clearance.

¹ P4529706AB Rocker Arm, Mechanical, 1.50 Ratio, Exhaust

¹ P4529705AB Rocker Arm, Mechanical, 1.50 Ratio, Intake

¹ P4529708 Rocker Arm, Mechanical, 1.65 Ratio, Exhaust

¹ P4529707 Rocker Arm, Mechanical, 1.70 Ratio, Intake

B. Aluminum Rocker Arm Set

Independent shaft Rocker Arm Set designed and patented by Hemi legend Ray Barton. If your Hemi is running all-out, you know the need for a full-roller rocker system that maintains valve train geometry throughout the RPM range and the entire range of rocker arm travel. Reduces friction and valve train weight. Provides easy access to valve springs on race day so you can make critical adjustments and changes quickly. Case hardened and tempered shafts, 7/16" diameter adjusters and jam nuts.

¹ P5153782 Rocker, Roller, Aluminum, Race, 426 Hemi, Set

C. Stainless Steel Roller Tip Rocker Arms

Made from high-strength, investment grade cast stainless steel. Each features a roller tip to reduce friction and improve geometry. Designed for drag racing and high strength, they use standard Hemi rocker ratios. Sold individually. For 426 Hemi.

¹ P5249603AB Rocker, Stainless Steel, Roller Tip, 1.50 Ratio Intake

¹ P5249604AB Rocker, Stainless Steel, Roller Tip, 1.55 Ratio Exhaust

D. Rocker Shafts

Chrome Rocker Shafts for use with mechanical valve gear. Sold individually.

P5249632 Rocker Shaft, Exhaust, On-Center

P5249631 Rocker Shaft, Intake, On-Center

E. Rocker Shaft Springs

For use on all production-based Hemi® valve gear. Used to locate rockers on the shaft. Includes 14 long springs and two short springs. Package contains one engine set.

P4452827 Rocker Shaft Springs, 426 Hemi



A.

B.



C.

D.



E.

HEMI®, GEN II

ROCKER ARMS, SHAFTS, SUPPORTS, AND HARDWARE

A. Rocker Shaft Supports

Blue anodized, extruded aluminum Rocker Shaft Supports for 426 Hemi®. Complete engine set includes ten pieces plus hardware.

P5249505 Rocker Shaft Stand, 426 Hemi



B. Rocker Shaft End Plugs

Sold as a set of four. They do not fit aftermarket rocker shafts.

P5249633 Rocker Shaft End Plugs, 426 Hemi/Big Block



C. Rocker Arm Adjusting Screw and Nut Set

Includes eight screws and nuts. Note that two sets are required for V8 engines. For 426 Hemi.

¹ P5007444AB Rocker Arm Screw/Nut Set, 426 Hemi, Big Block, Small Block, 2.2L/2.5L, Slant Six, 3.9L V6

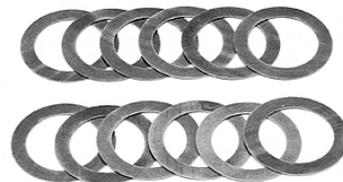
A.

B.

D. Rocker Shim Package

Use to improve adjustable rocker arm-to-valve tip alignment, 0.015" thick. Twelve per set, for 426 Hemi.

P3690896 Rocker Arm Spacer Set, 0.015" Thick, Set



INTAKE MANIFOLDS, HARDWARE, AND GASKETS

E. New! Single Plane Intake Manifold

For Hemi engines with serious airflow requirements. This intake was designed by Ray Barton for 500+ inch Hemi engines or for applications intending to make over 600 HP. The intake manifold can be the limiting factor in a heavy-breathing engine like Mopar's Hemis. Don't let your top end get all bottled up. Increased plenum volume over most Dual Plane manifolds. Smooth transition to intake runners from plenum which increases air flow velocity -- that's what your high-HP Hemi needs. Integral valley cover pan cleans things up nicely. Carburetor flange machined for 4150-series Holley.

¹ P5153781 Intake Manifold, Aluminum, Single Plane, Hemi

C.

D.



E.



A.



B.



C.



D.

INTAKE MANIFOLDS, HARDWARE, AND GASKETS

A. Dual Quad Intake - Eight-barrel

This new aluminum in-line Dual Quad Hemi Intake Manifold is based on the Marine/NASCAR version and is built from the original tooling. Machined to accept aftermarket AFB or Holley carburetors (P4452778 rear, P4452779 front — see Fuel Systems section of this catalog). Will fit production 426 Hemi heads and has provisions for manifold heat and power brakes. It retains the stock height of the production 1966–71 Street Hemi AFB intake manifold. Production AFB air cleaner baseplate/lid will need to be changed or modified. Some O.E. and aftermarket linkage components and fuel lines are needed to complete the installation.

¹ P4510633 Intake Manifold, Aluminum, Dual Quad, In-Line, Dual Four-barrel Carburetors, 426 Hemi

B. Dual Plane Intake - Four-Barrel

This revised four-barrel aluminum Dual Plane Intake Manifold features a rectangle port and fits all Hemi 426/472/528 engines. Stock exhaust heat is now located on the rear of the manifold, just like the original dual four-barrel production in-line manifold.

¹ P4876188 Intake Manifold, Aluminum, Dual Plane, Four-barrel Carburetor, 426, 472, 528 Hemi

C. Dual Quad Intake

Back by popular demand - the original 1966-71 Street In-line, Dual Quad Intake Manifold. Uses original Carter AFB carburetors and maintains mounting bosses for throttle return brackets. Features factory casting machining numbers along with the Chrysler Pentastar logo. Designed specifically for the 426 Street Hemi.

¹ P5153737 Intake Manifold, Aluminum, Dual Quad, 426 Street Hemi

D. Cross Ram Intake - Eight-barrel

This aluminum Cross Ram Intake Manifold features rectangle ports and is designed for two four-barrel carburetors. May require hood modifications on some vehicles due to increased height of manifold.

P5007334 Gasket, Cross Ram, For Removable Top

¹ P5007534 Intake Manifold, Aluminum, Cross Ram, Dual Four-barrel Carburetors, 426/472/528 Hemi

INTAKE MANIFOLDS, HARDWARE, AND GASKETS

A. Intake Manifold Gasket Sets

Custom-fit set comes complete to service one engine. Includes gaskets and end seals.

- P4120086 Gasket, Intake Manifold, 0.060" Thick, 426 Hemi Except D4D6, Set
- P4529534 Gasket, Intake Manifold, 0.090" Thick, 426 Hemi Except D4D6, Set
- P5155316 Gasket, Intake Manifold, 0.103" Thick, 426 Hemi, Except D4D6, Set
- P4532199 Gasket, Intake Manifold, 0.120" Thick with .005" Tolerance, 426 Hemi



B. Intake Manifold Screw Set

Set of 16 Allen screws and washers to attach the Race Hemi Cross Ram Intake Manifold.

- P4529330 Screw, Intake Manifold, A-990 Cross Ram, 426 Hemi, Set

C. Intake Manifold Heat Shield

Original equipment for all 426 Street Hemi intake manifolds. Bolts to the bottom of the intake manifold to prevent hot engine oil from heating the manifold and robbing horsepower. Also fits Aluminum Dual Plane Intake Manifold P4876188 and Aluminum Dual Quad Intake Manifold P5153737.

- ¹ P4529431 Heat Shield, Intake Manifold, 426 Hemi

D. Intake Manifold Plug Package

Includes eight intake manifold plugs. Used in 426 and Hemi® Cross Ram Intake Manifolds.

- P5249926 Plug Package, Intake Manifold, Cross Ram, 426 Hemi and Max Wedge

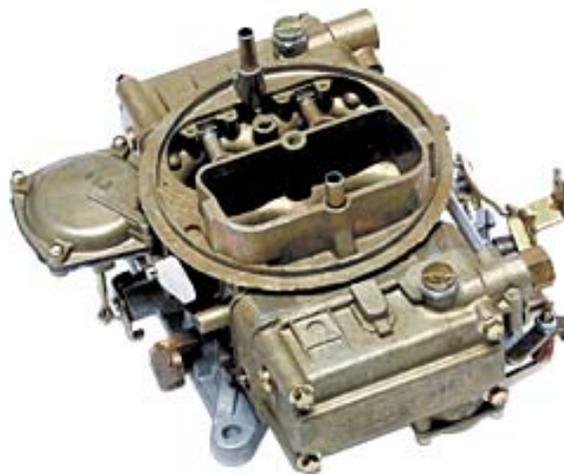


CARBURETORS AND HARDWARE

E. Holley Cross Ram Carburetors

Holley carburetors were the "go fast" choice for the legendary Super Stock 426 Hemi engine. Mopar brings back these original equipment 770 cfm Holley carbs for 1964, 1965 and 1968 race Hemis. These are exact reissues of the original carburetors.

- ¹ P4452779 Carburetor, Cross Ram, Left, 1964-65, 1968 Race 426 Hemi
- ¹ P4452778 Carburetor, Cross Ram, Right, 1964-65, 1968 Race 426 Hemi



E.

CARBURETORS AND HARDWARE

A. Air Horns

For use with Holley Cross Ram Carburetors. Perfect for Super Stock competition or restoration. Sold as a pair (front and rear).

¹ P5007809 Air Horns, 1964-65 426 Hemi, 1968 Super Stock 426 Hemi



B. Cross Ram Linkage

For use with Hemi Cross Ram Intake Manifold P5007534 and Holley Carburetors (P4452778 and P4452779).

¹ P4510635 Linkage, Cross Ram, 426 Hemi

A.

B.



OILING COMPONENTS

C. Oil Pans

Includes factory engineered and approved oil pan, drain plug and washer. Center sump style is used on passenger car applications, while the rear sump style is used for pickups. Windage Trays may be used if desired.

P5007816 Oil Pan, Eight-quart, Center Sump, Big Block

P4529884 Oil Pan, Six-Quart, Center Sump, 1970-71 426 Hemi E-Body

D. Windage Trays

Designed to provide improved engine lubrication by reducing interior windage at higher engine speed. Packages include tray and two pan gaskets.

P4120998 Windage Tray, 3.75" Stroke

P5007345 Windage Tray, 4.15" Stroke

C.

D.

E. Oil Pan Gaskets

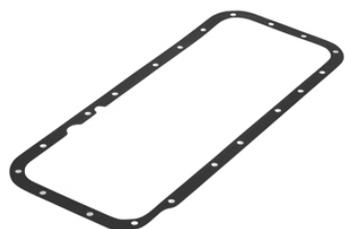
For Big Block and Hemi applications. Note that two are required for Windage Tray applications.

P4452099 Gasket, Oil Pan, Race, Set of Two

P3412049 Gasket, Oil Pan, Sold Individually

F. Oil Pan Bolt Set

P4120613 Bolt Set, Oil Pan, 426 Hemi, Big Block/ Small Block



E.

F.

OILING COMPONENTS

A. Oil Pickup and Screen Assemblies

Factory original reissue.

- P5007818** Oil Pickup and Screen Assembly, Eight-Quart, 1/2" Pipe, Use with Oil Pan P5007816
- P4529566** Oil Pickup and Screen Assembly, Five-Quart, 1/2" Pipe, 1966-69 426 Hemi
- P4529567** Oil Pickup and Screen Assembly, Six-Quart, 1/2" Pipe, 1970-71 426 Hemi, Use with Oil Pan P4529884
- P5249818** Oil Pickup and Screen Assembly, Six-quart, 1/2" Pipe, Siamese Bore, Not Raised Cam, 426 Hemi and Big Block

B. Oil Pressure Relief Spring

Increases engine oil pressure over stock spring for high-performance applications. Delivers up to 70 lbs. of oil pressure. Includes a cap and instructions.

- P4286571** Oil Pressure Relief Spring Set

C. Oil Pump Assembly

This high-output assembly provides a 25% increase in oil volume. Ideal replacement for stock pump in high-performance applications.

- P4286590** Oil Pump Assembly, (use 02084355 Service Gasket)

D. Oil Pump Priming Shaft

Special hardened steel priming shaft fits on any 3/8" or larger drill. Insert shaft into hole where distributor fits. Pressurizes oil galleries to ensure against dry starts and engine damage.

- P4286800** Shaft, Oil Pump Priming

E. Distributor Drive Gear Assemblies

Features a hardened tip shaft with full radius blend from hex to round and pinned gears.

- P3571071** Distributor Drive Gear, Flat Tappet Cams
- P3412064** Distributor Drive Gear, Flat Tappet Cams, Milodon Oil System
- P3690875** Distributor Drive Gear, Roller Tappet, Aluminum-Bronze Gear
- P3690876** Distributor Drive Gear, Roller Tappet, Aluminum-Bronze Gear, Milodon System

Tube and Peen Tool Package (Not Shown)

Used to block off oil to right-side tappet bores. Required for race engines with high-lift roller cams.

- P4452812** Tube and Peen Tool Package



A.



B.



C.



D.



E.



A.



B.



C.



D.



E.



F.

OILING COMPONENTS

A. High-Performance Oil Filter

Engineered to meet the demands of heavy-duty and high-performance applications. Filter is black with Mopar Performance Pentastar logo.

P4452890 Oil Filter, High-Performance, Black Finish

B. Oil Filter - Race

High-performance, heavy-duty oil filter has a thicker canister with high burst strength. Filter is black with Mopar Performance Pentastar logo.

P4529190 Oil Filter, Black Finish, 426 Hemi, Big Block, Small Block, Race

C. Restoration Oil Filters

Mopar has reissued these service replacement oil filters, used in the 1960s and 1970s. The white filter was used from the 1960s throughout the 70s. The high-performance white filter (P4529805) was recommended for use in competition from 1965 to 1974. The black filter was used from the late 1950s through the early 60s. These filters may not fit some V8 applications (those after 1972 requiring short filters).

P4529806 Oil Filter, Black with Yellow Mopar logo, 1962-66 V8, Restoration

P4529187 Oil Filter, White With Blue Stripe, 426 Hemi/Big Block/Small Block, Restoration

P4529805 Oil Filter, White with Red Stripe, High-Performance, Restoration

COOLING SYSTEMS

D. Lightweight Aluminum Water Pump

Fully assembled and ready to install. Features an eight-blade impeller. Dimensions are same as stock cast iron version.

P5007643AB Water Pump, Aluminum

E. Water Pump Housing

Lightweight aluminum water pump housing. More than eight pounds lighter than typical production cast iron housing. Has dual alternator bracket mounting bosses, so it fits all "B" and "RB" engines, 1958-74.

P4286900 Water Pump Housing, Aluminum

Note: Radiator hose nipple is on the driver's side, so it cannot be used on 1973-up vehicles that have the hose on the passenger side.

F. Water Pump Installation Kit

Includes water pump gasket, pump housing gasket, plugs, water pump screws, and long and short housing screws.

P5007449 Water Pump Installation Kit

COOLING SYSTEMS

A. Chrome Water Pump Housing Bolts

Engine chrome dress-up projects are incomplete without chrome bolts.

P5007621 Bolts, Water Pump, Chrome



A.

B. 90 Degree Water Neck Outlet

Cast aluminum 90° Water Neck Outlet provides greater flexibility in routing cooling system hoses and improves the appearance of the engine compartment. Features three-direction capability, ideal for compact engine compartments.

P5249191 Thermostat Housing, 90 Degrees



B.

C. Chrome Thermostat Housing

This high-quality Chrome Thermostat Housing is made of heavy-duty material. Includes gasket and two chrome bolts.

P4286759 Water Neck, Chrome, Up To 1978, V8



C.

D. Viscous Fan Package

Most late 1960s and early 1970s factory-built muscle cars were equipped with viscous fans for cooling purposes. This package provides thermostatically controlled cooling, and includes a lightweight balanced fan. Offers up to 15 horsepower gain on typical high-performance V8s.

¹ P4120758 Viscous Fan Package, 18" fan. 3.25 Pitch



D.

E. Radiator Cooling Fan Shrouds

Restoration Radiator Cooling Fan Shrouds fit 26" wide cores only.

P2785434 Fan Shroud, Radiator, 1967–69 426 Hemi, 383/440 Big Block B-Body, Five-Stud Mounting, Restoration

P2998326 Fan Shroud, Radiator, 1970–73 426 Hemi, 383/440 Big Block B/E-Bodies, Four-Screw Mounting Shown, Restoration

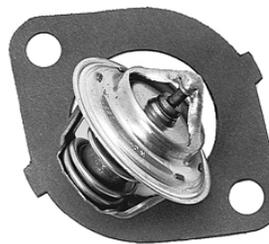


E.

F. Thermostat

This heavy-duty thermostat can handle increased heat management duties in high-performance engines. Comes with replacement gasket.

¹ P4876307 Thermostat, 180 Degree, 426 Hemi/Big Block/Small Block/Slant Six Engines, Up to 1978



F.

G. Radiator Cap

When you open the hood, it's right there where everyone—especially the judges—can see it. If your radiator cap is more than ten years old or just looks bad, replace it with this original equipment quality piece.

77R06021 Radiator Cap, 16 lb. (22" and 26" Radiator)



G.

AUTHENTIC PERFORMANCE™



HEMI® GEN III



PERFORMANCE

CRATE ENGINES

A. 6.1L Hemi Crate Engine - 425 Horsepower

- ¹ P5155067 Crate Engine, 6.1L Hemi, EFI, 425 Horsepower, 420 ft.-lbs. Torque. Includes billet fuel rail with integral pressure regulator (P5153783), cable operated 80mm throttle body (P5153689), and programmable EMS kit (P5153921). Dyno tested, ready to run.

BLOCK

B. 6.4L/392 Hemi

- ¹ P5155003 Block, Cast Iron, Short, 392/6.4L Hemi. Includes Performance Crankshaft, Pistons, Rods, and Rod Bearings.

BLOCKS

C. 6.4L/392 Hemi

- ¹ P5155003 Block, Cast Iron, Short, 392/6.4L Hemi. Includes Performance Crankshaft, Pistons, Rods, and Rod Bearings.

Block, 6.1L Hemi (Not Shown)

- ¹ P5153816 Block, Cast Iron, 6.1L Hemi, Bare, Performance Use Only- Not intended for Stock Replacement, 4.055" Bore
- P5155816 Block, Cast Iron, Assembly with Main Caps, Bores are Finished Honed, Cam Bearings are Installed and Finished to Size, 6.1L
- ¹ P5155038 Block, Cast Iron, Short, 6.1L Hemi, Includes Performance Pistons, Rods, and Rod Bearings.

CRANKSHAFTS AND HARDWARE

392 Hemi Crate Engine Crankshaft (Not Shown)

High-strength premium quality 4140 forged steel crankshaft machined from proprietary forgings. For use in high-performance and race applications. Crank nose is machined for full-length damper key and features 2.100" rod throws and "new Hemi" eight-bolt flange - 3.795" Stroke. For 6.1L Hemi block-based stroker applications.

- ¹ P5153578 Crankshaft, 4140 Forged Steel, 3.795" Stroke, 2.100" Rod Journals, 392 Hemi Crate Engine



A.



B/C.

CRANKSHAFTS AND HARDWARE

A. Forged Steel Crankshaft, 5.7L Hemi

For increased horsepower, this brand-new, "factory fresh" (not remanufactured), forged steel performance crankshaft is an excellent complement to any 5.7L HEMI street or race engine. Every crankshaft is inspected for quality and is ready for balancing and installation right out of the box.

Features:

- Forged steel material for superior strength
- Full Magnaflux®/Magnaglo® inspection to ensure quality
- Precision-ground, heat treated and micro-polished
- Bearing fit specs stamped into front counterweight

¹ P5153479 Crankshaft, 2.125" Rod Journals, 3.580" Stroke, 5.7L Hemi



A.

Crankshaft Trigger Wheel Kit (Not Shown)

P5155041 Crankshaft Trigger Wheel, includes Fasteners, 6.1L/392 Hemi. Does Not Fit 5.7L Crankshafts.

VIBRATION DAMPERS

B. Vibration Dampers -- 5.7L/6.1L/392 Hemi

ATI Super Damper, SFI-approved for street and race applications. Built specifically for high-performance applications, the ATI Super Damper provides balanced dampening of torsional crankshaft vibrations at all RPM. Comes with 360-degree, laser-etched timing marks.

¹ P5153630 Damper, Crank, SFI, 5.7L / 6.1L / 392 Hemi, Car/Jeep Timing Cover

¹ P5153631 Damper, Crank, SFI, 5.7L Hemi, Truck Timing Cover



B. P5153630

PISTONS AND CONNECTING RODS

Forged Aluminum Piston and Ring Sets - 6.1L/392 (Not Shown)

Features intake valve notch and 10.5:1 compression ratio.

¹ P5153635 Piston, Forged Aluminum, Designed for production 4.055" bore and 3.795" stroke. Uses full floating 0.927" pin. 10.5:1 compression ratio. Uses stock piston rings. 6.1L/392 Hemi Engine Set.

Forged Aluminum Pistons - 5.7L (Not Shown)

¹ P5153784 Piston, Forged Aluminum, Special 0.020" Oversize Accommodates Overbore of Blocks During Rebuild. 9.7:1 C.R., 2005-06 Production 5.7L Hemi Engine Set

Piston Rings - 5.7L (Not Shown)

¹ P5153785 Piston Ring, 0.020" Oversize, 1.5 mm, 1.5 mm, 3.0 mm, For use with P5153784 Piston Package, 2005-06 Production 5.7L Hemi Engine Set



B. P5153631

Questions? Call the Mopar Direct Connection Techline at 1-888-528-HEMI (4364)

¹ Not legal on pollution-controlled vehicles or vehicles registered for highway use.

PISTONS AND CONNECTING RODS

Forged Steel Connecting Rod - 392 Hemi (Not Shown)

Forged from premium 4340 high-strength steel, these rods feature race-quality cap screw rod bolts and durable I-beam design and floating pin. 6.200" center-to-center length, 0.927" bronze brushed wrist pin bore, designed for 2.100" rod bearing. For stroker applications in a 6.1L engine block, use with P5153578 crank.

¹ P5153577 Connecting Rod, Center-to-Center 4340 Forged Steel, 6.200" Length, 0.927" Floating Pin, Configured for 2.100" Rod Bearing, Set of 8, 392 Hemi

A. Connecting Rod Bolt Kit - 5.7L Hemi

P5153480 Bolt Kit, Connecting Rod, 5.7L Hemi



CAMSHAFTS, LIFTERS, AND HARDWARE

B. 392 Hemi Crate Engine Camshaft

Developed exclusively for the Mopar 392 Hemi Crate Engine to provide the best combination of power, torque and reliability. This hydraulic roller camshaft is designed to work with production 6.1L engine block and hydraulic roller lifters (not included), performance valve springs and pushrods. Valve notches will be required for proper valve-to-piston clearance (.080" minimum intake, .100" minimum exhaust). Stock pistons are NOT recommended.

¹ P5153691 Camshaft, Duration @ .006" 279 degrees intake / 285 degrees exhaust. Lobe spread 110, Gross lift with stock rockers .584 inch intake/ .552 inch exhaust, 392 Hemi Crate Engine

C. Camshaft, 5.7L Hemi

This 5.7L Hemi Mopar Performance camshaft was designed applying the same technology utilized on NASCAR racing engines as a drop-in replacement for the stock cam. It will increase airflow and engine output at 3,000 rpm and above while maintaining low rpm drivability characteristics. Requires non-MDS hydraulic lifters. Recommended springs: 5.7L Hemi production springs.

¹ P5153325AB Camshaft, Duration @ .006" 259 degrees intake, 267 degrees exhaust. Duration @ .050" 204 degrees intake / 210.5 degrees exhaust. Lobe spread 116 degrees. Gross lift with stock rockers .500 inch intake, .488 inch exhaust, 5.7L Hemi

D. Camshaft and Lifters Kit, 5.7L Hemi

Includes 5.7L Hemi Mopar Performance Camshaft (P5153325AB) and non-MDS hydraulic lifters. (16 total)

¹ P5153570AB Camshaft, with Non MDS Style Lifters, 5.7L Hemi

A.



B/C.



D.

CAMSHAFTS, LIFTERS, AND HARDWARE

A. Pushrod Set 5.7L/6.1L/392 Hemi

Competition chrome moly steel Pushrod set features 6.625" and 7.875" length, 5/16" diameter.

- ¹ P5153629 Pushrod, 0.080" Chrome Moly Steel, 6.625" and 7.875" length, 5/16" diameter, 5.7L/6.1L/392 Hemi, Engine Set



A.

CYLINDER HEADS

B. CNC-Ported Cylinder Heads, 5.7L/6.1L/392 Hemi

These bolt-on, CNC-ported Cylinder Heads are equipped with the highest quality parts and technology available to deliver optimum performance. Capable of handling camshafts with valve lifts up to .600", they are designed to optimize flow while maintaining optimum port velocity. 2.100" intake valve, 1.600" exhaust valve. 5.7L: 2.055" intake valve, 1.600" exhaust valve.

Specifications:

- Brand-new, factory-fresh castings (no core required)
- Five-axis, CNC-ported
- Ovate wire, "beehive" competition valve springs
- One-piece stainless steel intake and exhaust valves
- Titanium, 7° valve spring retainers
- Machined, 7° round groove valve locks
- High-temperature Viton valve seals, bronze alloy valve guides
- Hardened, custom valve seats
- Premium "five-angle" CNC-machined valve job

- P5153345 Cylinder Head, CNC-Ported, Bare, LH, 5.7L Hemi
 P5153346 Cylinder Head, CNC-Ported, Bare, RH, 5.7L Hemi
 P5153343 Cylinder Head, CNC-Ported, LH, 5.7L Hemi
 P5153344 Cylinder Head, CNC-Ported, RH, 5.7L Hemi
 P5153349 Cylinder Head, CNC-Ported, LH, 6.1L/392 Hemi
 P5153350 Cylinder Head, CNC-Ported, RH, 6.1L/392 Hemi



B.

VALVE COVERS AND HARDWARE

C. Valve Covers, 5.7L Hemi

These Valve Covers feature a Permastar™ chrome finish. A perfect way to dress up any 5.7L Hemi engine. They will not discolor under heat. Set includes two valve covers, valve cover gaskets and spark plug seals.

- P4510845 Valve Covers, Permastar Chrome, Up to 2005, 5.7L Hemi Crate Engine, Production 5.7L Engines



C.

Questions? Call the Mopar Direct Connection Techline at 1-888-528-HEMI (4364)

¹ Not legal on pollution-controlled vehicles or vehicles registered for highway use.

INTAKE MANIFOLDS, HARDWARE, AND GASKETS

A. Single Plane Intake Manifold

5.7L Crate Engine Single Plane Intake Manifolds - both Carburetor and EFI versions. EFI version is machined to accept injectors and MAP sensor. Both are drilled with the standard Holley pattern.

- ¹ P4510581 Intake Manifold, Aluminum, Single Plane, 5.7L Carbureted Engine
- ¹ P4510582 Intake Manifold, Aluminum, Single Plane, 5.7L EFI Engine



A. P4510581

B. Dual Quad Manifold

This Dual Plane Mid-Riser Intake Manifold can accept two Edelbrock or AFB-style carburetors.

- ¹ P5153556 Intake Manifold, Aluminum, Dual Quad, Accepts AFB / AVS Style Carburetors. Use with Carburetor and Linkage Kit P5153904, 5.7L Hemi (2003-2008)



B. P5153556

C. Crate Engine Race Intake Manifold

- ¹ P4510813AB Intake Manifold, Aluminum, Single Plane, High Rise, Large Plenum, 6.1L/392 Race Hemi, use with 4150 style carburetor

Map Sensor Adapter (Not Shown)

Universal Map Sensor Adapter for four-barrel carburetor applications.

- ¹ P5153706 MAP Sensor Adapter, Universal, For 4-bbl Carb. Applications, 392 Hemi Crate Engine

PCV Valve Adapter (Not Shown)

- ¹ P5155005 PCV Adapter Kit, 5.7L/6.1L/392 Intake Manifolds

Intake Manifold Gaskets (Not Shown)

- ¹ P5153757 Gasket, Intake Manifold (2), 5.7L Hemi
- ¹ P5153758 Gasket, Intake Manifold (2), 6.1L/392 Hemi



C. P4510813AB

FUEL SYSTEMS/INJECTION COMPONENTS

D. Fuel Injection Kit

Use this complete kit to convert a 2003-2005** 5.7L Hemi into an MPI crate motor ready for an older classic car or truck. Includes all gaskets and hardware necessary for installation.

- ¹ P5153339AB Fuel Injection Conversion Package, EFI, 2003-05 5.7L Hemi, 5.7L Truck Front Cover

**Note: 2003 engines require 2004-2008 fuel rails and injectors for these kits.



D.

FUEL SYSTEMS/INJECTION COMPONENTS

A. Carbureted Kit

Use this complete kit to convert a 2003-2008** - 5.7L Hemi into a carbureted crate motor ready for an older classic car or truck. Includes all gaskets and hardware necessary for installation.

¹ P5153340AB Fuel Injection Conversion Package, Carbureted, 2003-08 5.7L Hemi, 5.7L Truck Front Cover

**Note: 2003 engines require 2004-2008 fuel rails and injectors for these kits.



A.

IGNITION AND ELECTRONICS

A. EMS, Programmable

"Plug and Play" Engine Management Systems (EMS)

These engine management systems will forever change the way you look at and perform fuel injection tuning! User-friendly Windows™ based software (XP, 2000, NT, 98, 95 and ME) makes the task of copying, viewing and manipulating data as simple as a click of the mouse. User-defined templates are easily configurable and enable tuners to establish "quick keys" to any pertinent information during the tuning process. The infinitely adjustable Mopar EMS software allows tuners to program virtually any combination of engine control, power adders and auxiliary devices, and accurately deliver proper amounts of fuel and correct ignition timing for virtually any engine configuration or operating condition. Mopar's programmable engine management system is capable of adapting to almost any vehicle using "flying lead" wiring harness (available separately). We are confident that this is the most versatile, powerful, and comprehensive universal engine management program available for your Mopar!

Unique features found in Mopar's universal EMS also include independent, built-in "peak and hold" injector drivers, capable of controlling both high and low impedance injectors of any brand or flow rate. Direct ignition coil drivers control the coil-on-plug system with no additional hardware required. Unique, dual-UEGO (wideband O₂ sensor) input provides accurate A/F tuning and calibration capabilities no matter how heavily modified the engine. In addition, dual-channel (typically, one per cylinder bank) detonation (spark knock) sensor capability provides safe engine operation under a wide range of loads, altitudes, and fuel octane availability.

¹ P5153608 EMS, Programmable, Carbureted Applications

¹ P5153528 EMS, Programmable, EFI Applications

Note: For crate engine or conversion of 5.7L or 6.1L into an older classic car or truck. Not designed for newer vehicles already equipped with a 5.7L OR 6.1L Hemi.

IMPORTANT NOTICE: This device is not legal for use on pollution-controlled vehicles certified for use on streets or highways. Once this device is installed, use of the vehicle on a street or highway is a violation of the Clean Air Act, potentially subjecting the operator and the installer to civil penalties of up to \$32,500 per vehicle depending on the circumstances.

IMPORTANT NOTICE: This device is not legal for use on pollution-controlled vehicles certified for use on streets or highways. Once this device is installed, use of the vehicle on a street or highway is a violation of the Clean Air Act, potentially subjecting the operator and the installer to civil penalties of up to \$32,500 per vehicle depending on the circumstances.



A.

IGNITION AND ELECTRONICS

EMS, Non-programmable (Not Shown)

Service part for 5.7L Hemi Crate Engine. Non-programmable.

- ¹ P4510816 EMS, Non-Programmable, Carbureted, 5.7L Hemi Engine
- ¹ P4510342 EMS, Non-Programmable, EFI, 5.7L Hemi Engine

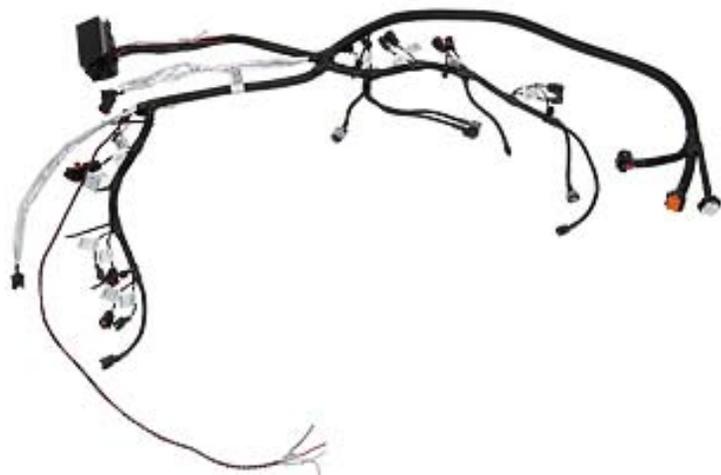
IMPORTANT NOTICE: This device is not legal for use on pollution-controlled vehicles certified for use on streets or highways. Once this device is installed, use of the vehicle on a street or highway is a violation of the Clean Air Act, potentially subjecting the operator and the installer to civil penalties of up to \$32,500 per vehicle depending on the circumstances.

A. Engine Wiring Harness

Mopar Performance stand-alone engine harnesses are designed to provide everything you need to properly wire your car in one simple configuration. Each master wiring harness includes built-in fuses and relays for fans, pumps, auxiliary power, and more. Harness has bundle identifiers for easy identification and installation to production Mopar sensors. Secure, "bolt-in" plug mates to Mopar EMS controller and eliminates any chance of separation. Each harness incorporates flying-lead UEGO sensors branches, allowing custom positioning of both left and right UEGO sensors.

- ¹ P4510357 Wiring Harness, Non Programmable, for use with 5.7L Hemi with Carbureted Intake and 2003-05 Coils
- ¹ P4510356 Wiring Harness, Non Programmable, for use with 5.7L Hemi with Four-barrel Throttle Body (P4510363) and Four-barrel EFI Intake (P4510582), 2003-05 Coils
- ¹ P5153607AB Wiring Harness, Programmable, for use with 392 / 6.1L / 5.7L Hemi with Carbureted Intake, 2006-up Coils
- ¹ P5153530AB Wiring Harness, Programmable, for use with 392 / 6.1L / 5.7L Hemi with Production Intake and Manual Single Blade Throttle Body (P5153689) and 2006-up Coils. (5.7L Truck Manifold May Require Wire Length Modification)
- ¹ P5153606AB Wiring Harness, Programmable, for use with 5.7L Hemi with Carbureted Intake and 2003-05 Coils
- ¹ P515529AB Wiring Harness, Programmable, for use with 5.7L Hemi, with Four-Barrel Throttle Body (P4510363) and Four-barrel EFI Intake (P4510582) and 2003-05 Coils.

IMPORTANT NOTICE: This device is not legal for use on pollution-controlled vehicles certified for use on streets or highways. Once this device is installed, use of the vehicle on a street or highway is a violation of the Clean Air Act, potentially subjecting the operator and the installer to civil penalties of up to \$32,500 per vehicle depending on the circumstances.



A.

IGNITION AND ELECTRONICS

EMS Kit, Programmable (Not Shown)

- ¹ P5153920 EMS Kit, Programmable, with Control Unit and Harness, for use with 392/6.1L/5.7L Hemi with Carbureted Intake and 2006 and newer Coils. Contains P5153607AB and P5153608
- ¹ P5153916 EMS Kit, Programmable, with Control Unit and Harness, for use with 5.7L Hemi with Carbureted Intake and 2003-05 Coils. Contains P5153606AB and P5153608
- ¹ P5153917 EMS Kit, Programmable, with Control Unit and Harness, for use with 5.7L Hemi with four-barrel Throttle Body (P4510363) and four-barrel EFI Intake (P4510582) and 2003-05 Coils. Contains P5155529AB and P5153528
- ¹ P5153921 EMS Kit, Programmable, with Control Unit and Harness, for use with 6.1L/392 EFI Kit. Contains P5155068 and P5155065.

IMPORTANT NOTICE: This device is not legal for use on pollution-controlled vehicles certified for use on streets or highways. Once this device is installed, use of the vehicle on a street or highway is a violation of the Clean Air Act, potentially subjecting the operator and the installer to civil penalties of up to \$32,500 per vehicle depending on the circumstances.

A. EMS Accessories

- ¹ P5153783 Fuel Rail, Billet Aluminum, 5.7L/6.1L/392 Hemi
- ¹ P5155068 Hall Effect EMS & Electric Speedometer Sender. Sixteen pulse per revolution. Hall effect sender. 7/8-18 thread. .104 x .104 square drive key, with mechanical pass through for cruise control.
- ¹ P5155065 Pin Connector Kit (5 pre-terminated wires) for adding inputs/outputs to the Mopar Programmable EMS Units
- ¹ P5153628 Power Steering Eliminator, 6.1L/392 Hemi
- ¹ P5153730 UEGO Sensor, Wideband, Use with Mopar Programmable EMS Systems and Crate Engines

IMPORTANT NOTICE: This device is not legal for use on pollution-controlled vehicles certified for use on streets or highways. Once this device is installed, use of the vehicle on a street or highway is a violation of the Clean Air Act, potentially subjecting the operator and the installer to civil penalties of up to \$32,500 per vehicle depending on the circumstances.

CARBURETORS AND HARDWARE

B. Holley Carburetor

- ¹ P4510358 Carburetor, 5.7L Hemi Crate Engine, Holley 600 cfm

C. Throttle Body

- ¹ P5153689 Throttle Body, 80mm Bore with Manual Cable Actuation, 392 Hemi/6.1L/5.7L
- ¹ P4510363 Throttle Body, Four-barrel, 5.7L Hemi Engine



A.



A.



A.



A. P5153730



B.



C.

CARBURETORS AND HARDWARE**Dual Quad Carburetor and Linkage Kit (Not Shown)**

This Performance kit includes two (2) 500cfm AVS style carburetors and related linkage. Use with dual quad intake manifold P5153556.

¹ P5153904 Includes two 500 cfm AVS Carburetors and Related Linkage. Use with Intake P5153556.

**OILING COMPONENTS****A. Oil Pans**

Includes factory engineered and approved oil pan, drain plug and washer. Center sump-style pan is used on passenger car applications, while the rear sump-style pan is used for pickups. Windage Trays may be used if desired.

P5153643 Oil Pan, Seven-Quart, Center Sump, 5.7L/6.1L/392 Blocks

Oiler Filler Neck (Not Shown)

P5153437 Cap, Oil Fill assembly, for use with 5.7/6.1L High Rise Intake Manifold (P4510813AB)

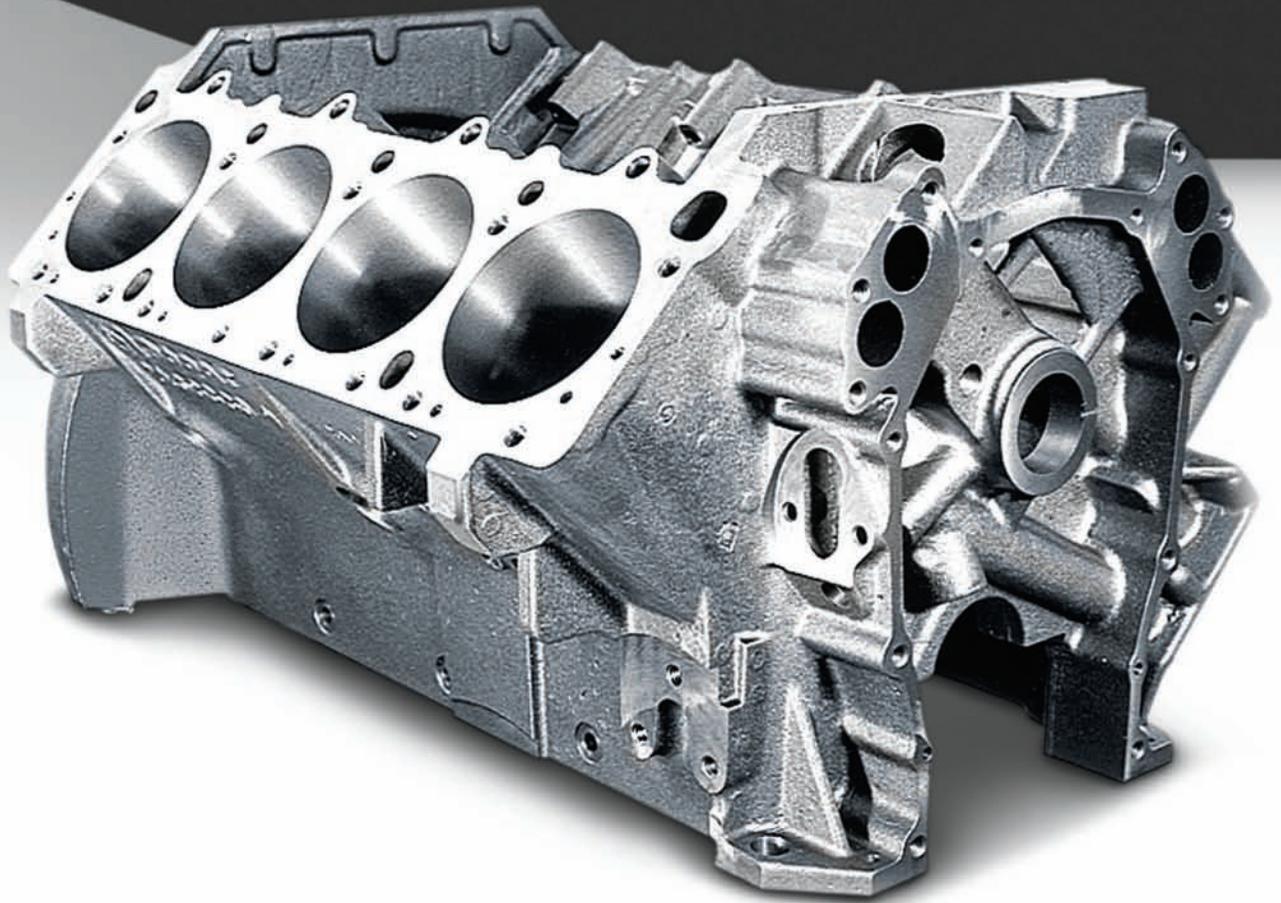
A.



AUTHENTIC PERFORMANCE™



BIG BLOCK



PERFORMANCE

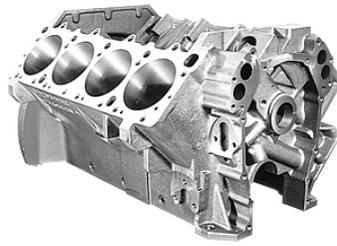
BIG BLOCK

BLOCKS

A. Cast Iron Siamese-Bore Blocks

Mopar Siamese-bore Big Blocks are specifically designed to be bored larger. Mopar still recommends that you sonic check each block if you exceed as-shipped bore diameters.

- ¹ P5153860 Block, Cast Iron, 440 Wedge, Siamese-Bore, Finished Bored at 4.50"
- ¹ P5153944 Block, Cast Iron, 440 Wedge, Siamese-Bore, Rough Bored at 4.31"
- ¹ P5153863 Block, Cast Iron, 440 Wedge, Siamese-Bore, Rough Bored at 4.49"



A.



A. P5153863

B. Aluminum Wedge Blocks

Cast from 356 T-6 aluminum. Extra wall thickness in critical areas.

- ¹ P5153868 Block, Aluminum, Wedge, Siamese-bore, Finished Bored at 4.50"
- ¹ P5155017 Block, Aluminum, Wedge, Siamese-bore, Rough Bored at 4.49"



B.



C.

ENGINE BLOCK HARDWARE

C. Rear CNC Main Bearing Seal Retainer Kit

Includes engine rear main seal retainer, retainer bolts and seal package.

- P4529732 Seal Retainer Kit, Rear Main Bearing, 426 Hemi/ Big Block

D. Oil Seal Package

Includes crank seals and installation tool.

- P4271961 Oil Seal Package, 426 Hemi and Big Block



D.



E.

E. Core Plugs

Round, press-in engine block Core Plugs fit original style or Mopar Race Cast Iron Blocks.

- P5249708 Core Plugs, Brass, 426 Hemi and Big Block

F. Block Hardware Package

- P5249259AB Hardware Package, Block, 426 Hemi/ Big Block (For Use With Original Style Hemi Blocks)

- P5155034 Hardware Package, Block, For Use With New B/RB Hemi and Wedge Engine Blocks



F.



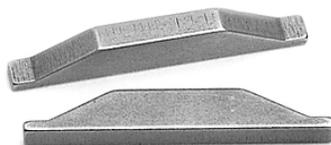
F.



A.



B.



C.



D.



E.

Big Block Engine Displacement (Cubic Inches)

Bore	3.75" Stroke	4.15" Stroke	4.50" Stroke
4.25"	426	472	511
4.31"	438	485	525
4.32"	440	487	528
4.38"	452	500	542
4.50"	477	528	573
4.53"	484	535	580
4.56"	490	542	588

ENGINE BLOCK HARDWARE

A. Engine Teardown Gasket Sets

Includes oil pan, cylinder head, valve cover, chain case cover, intake manifold and oil pump gaskets.

- P4452112 Gasket, Engine Set, 383/400 Big Block
- P4452113 Gasket, Engine Set, 426W/440 Big Block
- P3690850 Gasket, Engine Teardown, 383/400 Big Block
- P3690175 Gasket, Engine Teardown, 426W/440 Big Block

CRANKSHAFTS AND HARDWARE

B. Forged Race Crankshafts

High-strength, high-quality Forged Steel Cranks machined from 4340 steel. For high-performance race applications. Eight-bolt flange "RB" main journal size.

- ¹ P5007251 Crankshaft, Forged, 3.75" Stroke, Full Radius, Eight-bolt, Balanced, 426 Hemi/ Wedge/ "RB" Engine, Race
- ¹ P5007250 Crankshaft, Forged, 4.15" Stroke, Full Radius, Eight-bolt, Balanced, 426 Hemi/ Wedge/ "RB" Engine, Race

C. Crank Key Package

Used to locate the crank sprocket on the nose of the crankshaft. Contains two keys.

- P5249822 Key Package, Crank, 426 Hemi/ Big Block/ Small Block/ Slant Six

D. Crank Bolt Packages

Used to attach the vibration damper to the crankshaft.

- P5249562 Bolt Package, Crank, 1.25" Length, Thin Damper, 426 Hemi/ Big Block with O.E.M Dampers
- P5249557AB Bolt Package, Crank, 2.25" Length, 426 Hemi/ Big Block/ Small Block/ Aftermarket Dampers

VIBRATION DAMPERS

E. Steel Vibration Damper

Features a steel ring and a universal, symmetrical six-bolt front pulley mount pattern. SFI-approved.

- P5249694 Vibration Damper, Steel, 440 Forged Crank, 1962-70 361/383 "B" Forged Crank, 413/426 Wedge

BIG BLOCK

VIBRATION DAMPERS

A. Thin Crank Vibration Damper

Designed for forged cranks. Features 90° index markings and a symmetrical six-bolt pattern for pulley attachment. On pre-1972 engines with stock pulleys, minor modifications will be needed to attach bottom pulley. Not SFI-approved. Must use 383/440 engine pulleys (not available through Mopar).

P3830183 Vibration Damper, Thin Crank, Big Block, without 400 Cast Crank or 440 with Six Pack Connecting Rods



B. Damper Degree Timing Tape

Improve timing accuracy with this Damper Degree Timing Tape. Marked in 90° increments. Self-adhesive strip adheres to the crank vibration damper for clear identification of marks. Permits reading spark advance up to 60° instead of only 10°–15° as on chain case timing tab.

P4529070AB Damper Degree Timing Tape (Damper Not Included)

C. Oil Slinger

Protects the front seal from excessive oil contact. Forces lubricant oil into chain.

P5249636 Oil Slinger, 426 Hemi/ Big Block/ Small Block/ Slant Six/ 3.9L V6

TIMING CHAIN AND SPROCKETS

D. All-Out Race Chain and Sprockets

Matched sprockets and double roller chain for all-out race applications. Has three matched keyways on crank sprocket to adjust cam timing. Kit includes magna-fluxed sprockets and roller timing chains.

¹ **P4452815** Chain and Sprockets, Roller, Standard, Three-bolt Mount, All Out Race, Big Block/Hemi

E. Double Roller Chains and Sprockets

High-strength Double Roller Chain provides added durability and decreased rotational friction versus the production silent chain. Has three matched keyways on crank sprocket to adjust cam timing. Kit includes magna-fluxed sprockets and roller timing chains.

¹ **P5249269** Chain and Sprockets, Roller Double, Three-bolt Mount, B/RB, Hemi

¹ **P5249268** Roller Chain and Sprockets, Double, 1-Bolt Mount

F. Chrome-Plated Front Timing Chain Cover

Package includes cover, seal, and gasket.

P4349816 Cover, Timing Chain, Chrome-Plated, Front

A.

B.



C.

D.



E.

F.



A.



B.



C.



D.

TIMING CHAIN AND SPROCKETS

A. Chrome Bolt Package for Front Timing Cover

Engine chrome dress-up projects are incomplete without chrome bolts.

P4452795 Bolt Package, Front Timing Cover, Chrome

B. Front Cover Seal and Gasket (Big Block)

P4876280 Seal, Front Cover, 426 Hemi/ Big Block/ Small Block

P4876769 Gasket, Front Cover, Hemi/Big Block

CONNECTING RODS

C. Forged Steel Connecting Rods

These durable connecting rods are forged from 4340 super high-strength steel. Includes high-strength bolts. Sold as a matched set of eight (+ or -1.5 grams).

¹ P4876293 Connecting Rod, Forged Steel, Matched Set, "RB" Engine

CAMSHAFTS, LIFTERS, AND HARDWARE

D. Purple Shaft Camshafts

Mopar Performance cams are designed and engineered exclusively for your engine. A wide range of profiles is available from mild to wild and bracket to all-out racing. All Mopar Performance cams are designed, developed, dyno'd and track tested by engineers. These cams are developed for increased power and rpm potential while maintaining reliability and the best possible low-speed characteristics, including torque and idle quality. These Purple Shaft cams offer the best horsepower-to-dollar-spent value. Each cam package contains the cam, cam lube, tappets and instruction sheet.

¹ P4452783 Camshaft, Hydraulic, 268/284 Adv. Duration

¹ P4529270 Camshaft, Hydraulic, 268/284 Adv. Duration

¹ P4286677 Camshaft, Hydraulic, 272/272 Adv. Duration

¹ P4452993 Camshaft, Hydraulic, 280/280 Adv. Duration

¹ P4120235 Camshaft, Hydraulic, 284/284 Adv. Duration

¹ P5007697 Camshaft, Hydraulic, 284/284 Adv. Duration

¹ P4120237 Camshaft, Hydraulic, 292/292 Adv. Duration

¹ P5007698 Camshaft, Hydraulic, 292/292 Adv. Duration

¹ P4120659 Camshaft, Mechanical, 284/284 Adv. Duration

¹ P4120661 Camshaft, Mechanical, 296/296 Adv. Duration

¹ P4120663 Camshaft, Mechanical, 312/312 Adv. Duration

¹ P4349268 Camshaft, Mechanical, 324/324 Adv. Duration

Note: For flat tappet camshafts, Mopar recommends the use of a high zinc oil for maximum durability.

Big Block Camshafts**Big Block Hydraulic Camshafts**

Part No.	Advertised Duration	@ 0.050"	O-Lap	Center Line	Lift	Recom Spring	Basic RPM	Applications & Comments
*P4452783	268/284	228/241	46	115	0.450/0.458	P3690933	Idle-5800	Resto, 383/440 Magnum Super Commando Road Runner One Bolt Pattern
*P4529270	268/284	228/241	46	115	0.450/0.458	P3690933	Idle-5800	Resto, 440 Six Pak (1969-71) Three Bolt Pattern
*P4286677	272/272	231/231	48	112	0.455/0.455	—	1300-5700	Street One Bolt Pattern
*P4452993	280/280	238/238	60	110	0.474/0.474	P3690933	2000-5900	Street/Strip One Bolt Pattern
*P4120235	284/284	241/241	68	108	0.484/0.484	P3690933	2200-5900	Street/Strip One Bolt Pattern
*P5007697	284/284	241/241	56	114	0.484/0.484	P3690933	2200-5900	Revised Center Line for Improved Street driveability One Bolt Pattern
*P4120237	292/292	248/248	76	108	0.509/0.509	P5249848	2600-6000	Street/Strip One Bolt Pattern
*P5007698	292/292	248/248	64	114	0.509/0.509	P5249848	2600-6000	Revised Center Line for Improved Street driveability One Bolt Pattern

Big Block Mechanical Camshafts

Part No.	Advertised Duration	@ 0.050"	O-Lap	Center Line	Lift	Valve Lash	Recom Spring	Basic RPM	Applications & Comments
*P4120659	284/284	241/241	60	112	0.528/0.528	.28/32	P5249848	2400-6600	Street/Strip Three Bolt Pattern
*P4120661	296/296	252/252	76	110	0.557/0.557	.28/32	P2806077	3000-6700	Street/Strip Three Bolt Pattern
*P4120663	312/312	265/265	104	106	0.590/0.590	.28/32	P2806077	3400-6900	Strip Three Bolt Pattern
*P4349268	324/324	275/275	112	106	0.620/0.620	.28/32	P4876064	4000-7000	Strip Three Bolt Pattern

Valve lash is listed in thousandths, for example .028", lash settings are "cold." Each package includes: cam, cam lube, tappets, and instruction sheet.

"B" Engine Application Chart

Engine	Performance	Best Choice		Bracket Racer		Street Rod	RV-Truck
	Level	Manual	Automatic	Manual	Automatic	Man & Auto	Man & Auto
383 hp	Resto	*P4452783	*P4452783	—	—	—	—
400 hp	Resto	*P4452783	*P4452783	—	—	—	—
361/383/400	15 sec.	*P4286677	*P4286677	*P4286677	*P4286677	—	—
361/383/400	14 sec.	*P4452993	*P4452993	*P4452993	*P4452993	*P4286677	—
361/383/400	13.5 sec.	*P4120235	*P4452993	*P4120235	*P4452993	**P4286677	—
361/383/400	13 sec.	*P4120237	*P4120235	*P4120237	*P4120235	*P4452993	*P4286677
361/383/400	12.5 sec.	*P4120237	*P4120237	*P4120659	*P4120237	*P4120235	*P4452993
361/383/400	12 sec.	*P4120659	—	*P4120661	—	*P4120237	*P4452993
361/383/400	11.5 sec.	*P4120661	*P4120659	*P4120663	*P4120661	—	—
361/383/400	11 sec.	*P4120663	*P4120661	*P4120663	*P4120663	*P4120659	—
361/383/400	10.9 sec.	*P4120663	*P4120663	*P4120663	*P4120663	*P4120661	—
361/383/400	10.5 sec.	*P4120663	*P4120663	*P4349268	*P4120663	*P4120661	—

"RB" Engine Application Chart

Engine	Performance	Best Choice		Bracket Racer		Street Rod	RV-Truck
	Level	Manual	Automatic	Manual	Automatic	Man & Auto	Man & Auto
440 hp	Resto	*P4452783	*P4452783	—	—	—	—
440 6-bbl	Resto	*P4529270	*P4529270	—	—	—	—
413/426W/440	15 sec.	*P4286677	—	*P4286677	*P4286677	—	*P4286673
413/426W/440	14 sec.	*P4286677	*P4286677	*P4452993	*P4452993	*P4286677	*P4286673
413/426W/440	13.5 sec.	*P4452993	*P4452993	*P4120235	*P4120235	*P4452993	—
413/426W/440	13 sec.	*P4120237	*P4120235	*P4120237	*P4120237	*P4452993	—
413/426W/440	12.5 sec.	*P4120237	*P4120237	—	*P4120237	*P4120235	*P4286677
413/426W/440	12 sec.	—	—	*P4120659	—	*P4120237	*P4452993
413/426W/440	11.5 sec.	*P4120659	*P4120659	*P4120661	*P4120659	—	—
413/426W/440	11 sec.	*P4120661	*P4120661	*P4120663	*P4120661	*P4120661	—
413/426W/440	10.9 sec.	*P4120663	*P4120663	*P4120663	*P4120663	*P4120661	—
413/426W/440	10.5 sec.	*P4120663	*P4120663	*P4120663	*P4120663	*P4120661	—
413/426W/440	10 sec.	*P4120663	*P4120663	*P4349268	*P4120663	*P4120663	—

Questions? Call the Mopar Direct Connection Techline at 1-888-528-HEMI (4364)

¹ Not legal on pollution-controlled vehicles or vehicles registered for highway use.

CAMSHAFTS, LIFTERS, AND HARDWARE

A. Camshaft Bearings

Complete engine set.

P5249711 Bearings, Camshaft, Babbitt Applications, 426 Hemi/ Big Block



A.



B.

B. Camshaft Sprocket Attaching Hardware

P6030269 Sprocket Bolt, Camshaft, 426 Hemi/ Big Block, Sold Individually

P5007801 Sprocket Bolt, Camshaft, For Three-bolt Mounting, 426 Hemi/ Big Block, Set of three

C. Offset Camshaft Bushing Set

Set includes five bushings: 2°, 4°, 6°, 8° offset, and one on-center bushing. Color guide only — check installations with dial indicator. Gold = 2°, Copper = 4°, Silver = 6°, Black = 8°

¹ P3690936 Bushing Package, Camshaft, Offset, 426 Hemi/ Big Block/ Slant Six



C.



D.

D. Hydraulic Tappet

Sold individually.

P4006767 Tappet, Hydraulic, Hemi/ Big Block

E. Mechanical Tappet

Sold individually.

P2843177 Tappet, Mechanical, 0.0005" Undersize



E.



F.

F. Roller Tappet Set

Includes matched pair of roller tappets with guide bar.

P4452920 Tappet Set, Roller, for Bushed Lifter Bores, Hemi/Big Block

G. Pushrods

Engineered to be installed in your engine rebuilding project. Pushrods are 3/8" diameter and are sold as complete engine sets or individually for service.

¹ P4529557 Pushrod, Hydraulic, 8.57" Length, "B" Engine, Set of 16

¹ P4529559 Pushrod, Hydraulic, 9.31" Length, "RB" Engine, Set of 16

¹ P4529545 Pushrod, Hydraulic, 9.31" Length, "RB" Engines, Sold Individually

¹ P4529560 Pushrod, Mechanical, 9.20" Length, Ball and Cup Style, "RB" Engine, Set of 16

¹ P4529546 Pushrod, Mechanical, 9.20" Length, Ball and Cup Style, "RB" Engine, Sold Individually



G.

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BIG BLOCK

CAMSHAFTS, LIFTERS, AND HARDWARE

Mechanical/Hydraulic Pushrods (Not Shown)

Special pushrods to use with adjustable rocker arms and hydraulic tappet cams.

- ¹ P4876392 Pushrod, Mechanical/Hydraulic, "RB" Engines, Set of 16
- ¹ P4876391 Pushrod, Mechanical/Hydraulic, "RB" Engines, sold individually

CYLINDER HEADS, HARDWARE, AND GASKETS

A. Cylinder Head (straight plug) for all Big Block (361 and 440) engines

Head is complete with valves and springs (2.14" intake and 1.81" exhaust). Flow is 290 cfm intake and 217 cfm exhaust at .600" lift. These ready-to-bolt-on Heads use a straight plug design so you can use stock exhaust manifolds or many popular aftermarket headers.

- ¹ P5153524 Cylinder Head, Includes Valves and Springs, 2.14" Intake / 1.81" Exhaust, "B/RB" Engines

B. Raised Port, Big Block Cylinder Head

- ¹ P5153823 Cylinder Head, Aluminum, Raised Port, Angled Plug, 2.20" Intake, 1.81" Exhaust, Max Wedge, B/RB.
- ¹ P5153654AB Cylinder Head, Aluminum, Raised Port, Angled Plug, 2.20" Intake, 1.81" Exhaust, Wedge, B/RB

C. Max Wedge Cylinder Heads

Features a large port window for increased airflow, and a revised short side radius on exhaust port for added flow. Designed to replace 1962-64 Max Wedge heads. Uses closed combustion chamber, six-bolt valve covers, and cast-in pedestals.

- ¹ P5007494 Cylinder Head, Cast Iron, Stage III, 2.08" Intake, 1.88" Exhaust, 1962-64 Max Wedge
- ¹ P5249824 Cylinder Head, Cast Iron, Stage III, 2.14" Intake, 1.81" Exhaust, 1962-64 Max Wedge

D. Stage V Wedge Cylinder Heads

Developed by Mopar, this cylinder head is designed to be interchangeable with stock Big Block cylinder heads. It features heat crossover for improved drivability, uses standard Big Block valve gear, gaskets and valve covers, and out-flows "906" heads-on intake and exhaust (stock and mildly modified). Same open combustion chamber as 1968-78 production heads. Uses offset intake rockers and six-bolt valve cover. Rocker shaft pedestals cast-in.

- ¹ P4529993 Cylinder Head, Cast Iron, 2.14" Intake, 1.81" Exhaust, Wedge, Stage V



A.



B.



C.



D.

CYLINDER HEADS, HARDWARE, AND GASKETS

A. CNC-Ported Stage VI Cylinder Heads

These unique CNC-ported Stage VI Cylinder Heads feature special machining for longer valves, allowing for a deeper port in the critical short turn area. Port profiles developed by Chapman Racing, these exclusive heads feature state of the art design for maximum flow over the entire lift curve. It is available in two versions: standard port window with a 260 cc intake port or Max Wedge with a 286 cc intake port. Both set the standard in Big Block flow efficiency for their respective port size. The Max Wedge port version out-powered all competitive heads of all manufacturers in Popular Hot Rodding Magazine's National Engine Masters Challenge Dyno Competition. P4876383 requires the use of Rocker Shaft Stands (P5007742) and 5.40" length, and 11/32" diameter valves.

- ¹ **P4876383** Cylinder Head, Aluminum, CNC-Ported, Stage VI, 2.18" Intake, 1.81" Exhaust
- ¹ **P4876386** Cylinder Head, Aluminum, CNC-Ported, Stage VI, 2.25" Intake, 1.81" Exhaust, Max Wedge



A.

B. Stage VI Big Port Cylinder Heads

Designed and developed by Mopar, these lightweight Cylinder Heads are made from high-strength aluminum and are designed to be interchangeable with stock Big Block cylinder heads (40 lbs. lighter per engine set). Features larger intake ports that are rectangular and raised for increased output (210 cc), raised exhaust ports. Maintains stock header pattern and a closed combustion chamber of 78 cc with a thick 0.450" deck that permits milling. These bare machine heads use stock valve gear and include seats and bronze 3/8" guides. All Mopar aluminum heads are quality checked for pressure and hardness. Aluminum Max Wedge heads require offset intake rockers. P5249579 features small closed chamber and relocated spark plug.

- ¹ **P4529335** Cylinder Head, Aluminum, 2.14" Intake, 1.81" Exhaust, Stage VI

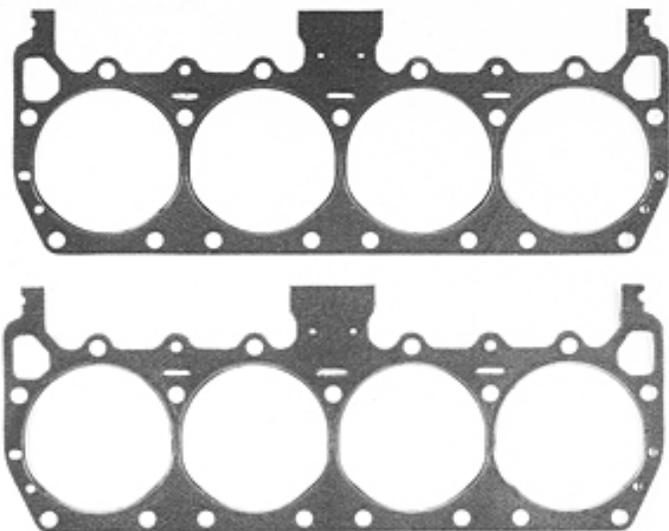


B.

C. Composite Material Cylinder Head Gaskets

Thick composite material gaskets (0.040" to 0.042", unless otherwise noted) can be used for replacement or competition applications up to 12.5:1 compression ratio. Sold as an engine set.

- ¹ **P5249643** Gasket, Cylinder Head, Composition Material, Max Wedge
- ¹ **P4529455** Gasket, Cylinder Head, Composite Material, Up to 4.420" Bore, 0.038" Thick
- ¹ **P4349559** Gasket, Cylinder Head, Composite Material, Up to 4.380" Bore
- ¹ **P4876070** Gasket, Cylinder Head, Composite Material, Over 4.380" Bore



C.

Questions? Call the Mopar Direct Connection Techline at 1-888-528-HEMI (4364)

¹ Not legal on pollution-controlled vehicles or vehicles registered for highway use.

BIG BLOCK

CYLINDER HEADS, HARDWARE, AND GASKETS

A. Multi-Layer Steel Cylinder Head Gasket Set

Features 0.025" thickness. Sold as an engine set.

P5155237 0.025" thick, Sold in pairs.

B. Head Bolt Set

Includes all required head bolts and washers.

P4120472 Bolt Set, Cylinder Head, 7/16"

C. Porting Templates

Die cut clear templates take the guesswork out of porting a set of heads. Use to increase intake and exhaust flow as well as torque and horsepower.

¹ P4120437 Porting Template, 2.08"/1.74" Valve Size, Cast Iron Head, Big Block Production Heads



A.



B.



C.

Big Block Cylinder Heads and Head Assemblies

Max Wedge Cylinder Heads

Part Number	Head / Assembly	Material	Chamber	Valve Sizes	Approx. Weight	Description
*P5007494	Head	Cast iron	96 cc	2.08/1.88	50	Max Wedge III with revised ports — Cast pedestal, 6-bolt valve cover (approved for NHRA Stock and Super Stock)
*P5249824	Head	Cast iron	96 cc	2.14/1.81	50	Max Wedge III — Cast pedestal (not legal for Stock/Super Stock)

Stage V Cylinder Heads

Part Number	Head / Assembly	Material	Chamber	Valve Sizes	Approx. Weight	Description
*P4529993	Head	Cast iron	90 cc	2.14/1.81	50	Replaces Stock — Same as 1968–78 casting and chamber

Raised Port Cylinder Heads

Part Number	Head / Assembly	Material	Chamber	Valve Sizes	Approx. Weight	Description
*P5153654	Head	Aluminum	75 cc	2.20/1.81	25	Raised port design, angle spark plug, 280 cc Intake, 100 cc Exhaust
P5153823	Head	Aluminum	75 cc	2.20/1.81	25	Raised max wedge port design, angle spark plug, 290 cc Intake, 100 cc Exhaust

Stage VI Cylinder Heads

Part Number	Head / Assembly	Material	Chamber	Valve Sizes	Approx. Weight	Description
*P5153524	Assembly	Aluminum	84	2.14/1.81	25	Complete assembled head, straight spark plug design
*P4529335	Head	Aluminum	78 cc	2.14/1.81	25	Bare machined casting with bronze guides
*P5249579	Head	Aluminum	78 cc	2.14/1.81	25	Max Wedge port, small closed chamber, relocated spark plug hole and offset intake rockers
*P5007834	Head	Aluminum	N/A	2.14/1.81	25	Partially machined for CNC porting or hand porting
*P4876386	Head	Aluminum	N/A	2.25/1.81	25	CNC ported with Max Wedge port — use 2.25" intake and 1.81" exhaust valves
*P4876383	Head	Aluminum	N/A	2.18/1.81	25	CNC ported with standard Stage VI port — use roller tappet cam with lifts over 0.600"

VALVE COVERS AND HARDWARE

A. Black Wrinkle Cast Aluminum Valve Covers

High-strength Cast Aluminum Valve Covers are more rigid than stamped steel, offering better anti-leak properties. Mopar Pentastar logo is cast into each cover. Set includes two valve covers, two oil filler caps, and baffle package.

P5007614 Valve Cover, Cast Aluminum, Black Wrinkle, Set



B. "As Cast" Aluminum Valve Cover Set

Sold "as cast," so you can set up the breathers the way you want them, and there's no paint to remove if welding is done. Mopar Pentastar logo is cast into each cover. Cast covers are more rigid than stamped steel which helps prevent valve cover leaks. Set includes two valve covers and oil filler caps.

P5007615 Valve Cover, Aluminum, "As Cast," Set

C. Polished Cast Aluminum Valve Cover Set

Polished to a chrome-like shine that's perfect for that show car engine look. Features Mopar Pentastar logo. Set includes two valve covers and two oil filler caps (does not include baffling).

P5007616 Valve Cover, Cast Aluminum, Polished



Valve Cover Gasket Set (Not Shown)

P4120101 Gasket, Valve Cover, Production Material, Set

P4452091 Gasket, Valve Cover, Rubber Reinforced Cork. For Cast Valve Covers

¹ P4349633AB Valve Covers, Chrome, Direct Connection, Big Block

D. Baffle and Screw Package

For cast aluminum valve covers only.

P5007052 Baffle and Screw Package, Big Block/ Small Block/ Truck Magnum/Jeep Engines

Chrome Valve Cover Set (Not Shown)

¹ P4349633AB Valve Covers, Chrome, Direct Connection, Big Block

E. Chrome Valve Cover Hardware

For stamped steel valve covers only. Includes 12 chrome-plated screw and washer assemblies, one chrome-plated oil filter cap and two rubber grommets.

P4120272 Valve Cover Accessory Set, Big Block or Small Block

P5007419 Grommet Set, Valve Cover, Big Block or Small Block

P5007458 Bolt Kit, Valve Cover, Big Block/Small Block

P4349620 Washer Package, Chrome



F. Valve Cover Retaining Screw Set

Includes 12 black Retaining Screws. For cast aluminum valve covers only.

P5007053 Retaining Screw, Valve Cover, Big Block/Small Block

A.

B.

C.

D.

E.

F.

BIG BLOCK

VALVE COVERS AND HARDWARE

A. Valve Cover Bolt Kit

Includes 12 chrome-plated bolts. For stamped steel and aluminum valve covers.

P5007458 Bolt Kit, Valve Cover, Big Block/Small Block



B. Cast Aluminum Valve Cover Grommet Set

Includes two grommets. For cast aluminum valve covers only.

P5007921 Grommet, Die-Cast Valve Cover, Set



C. Chrome Breather Caps

For use with Mopar cast aluminum valve covers to fill extra valve cover holes. Push-in-style Breather Cap requires the use of Grommet Set P4529882.

¹ **P4529881** Breather Cap, Push-In Style

¹ **P4529880** Breather Cap, Twist-On, Bottom Vented

¹ **P4529882** Grommet, Rubber, Use with Breather Cap P4529881

A.

B.

VALVES AND VALVE TRAIN HARDWARE

D. Valves

These stainless steel Valves have swirl-polished underheads that have no flat or ski jump areas. Each features a 3/8" stem diameter and one square groove.

¹ **P5249201** Valve, Exhaust, 1.74" Diameter., 4.87" Stem Length

¹ **P5249202** Valve, Exhaust, 1.81" Diameter., 4.87" Stem Length

¹ **P4876398** Valve, Exhaust, 1.88" Diameter., 4.87" Stem Length

¹ **P5249199** Valve, Intake, 2.08" Diameter., 4.86" Stem Length

¹ **P5249200** Valve, Intake, 2.14" Diameter., 4.86" Stem Length

¹ **P5249866** Valve, Intake, 2.18" Diameter., 4.86" Stem Length

¹ **P4876396** Valve, Intake, 2.20" Diameter., 4.86" Stem Length



C. P4529880

D.

E. Valve Seals

Made of high-temp Viton material, these Valve Seals feature a full or semi-umbrella shape for best dual-purpose use. Helps prevent oil seepage down valve guides. Not recommended for use with dual valve springs. Sold in sets of 16.

¹ **P4120492** Valve Seals, 3/8" Stem, Big Block/ Small Block

F. Valve Stem Lash Caps

These Lash Caps are 0.080" thick and fit between the end of the valve and the rocker arm tip. They are made of hardened steel for improved rocker tip durability. Larger area than stock valve tip to help spread the rocker loads. Sold in sets of 16.

¹ **P4120626** Lash Caps, Valve Stem, 3/8" Stem, A/B/RB Engines



E.

F.

VALVES AND VALVE TRAIN HARDWARE

A. Valve Guides

These silicon-bronze alloy Valve Guides are designed for aluminum heads. They must be pressed into the head once it is prepped. Guide replacement in aluminum heads requires removal of the old guide and some prep to resize the guide holes. Guide inside diameter must be sized for the valve stem once pressed into the head. Can be used to modify, rebuild or repair aluminum heads. Sold individually.

¹ P5249672 Valve Guide, 3/8" Valve Stem, Intake and Exhaust, Big Block Stage VI



B. Valve Keepers (Split Locks)

These single-groove-style Valve Keepers are made from hardened material. They feature a 3/8" stem diameter and can be used for restoration or performance applications. Sold as cylinder head sets of 16 pieces. Note that two sets are required for all V8 engines.

P4120618 Valve Keepers, 7°, Single Groove

P4286612 Valve Keepers, 10°, Single Groove

A.



B.

Questions? Call the Mopar Direct Connection Techline at 1-888-528-HEMI (4364)

¹ Not legal on pollution-controlled vehicles or vehicles registered for highway use.

BIG BLOCK

VALVES AND VALVE TRAIN HARDWARE

A. Valve Springs

High-pressure Valve Springs can be used on exhaust and intake valves for all high-performance applications. They feature a shorter fully compressed height and allow for increased valve lift. Springs maintain spring load at higher rpms. A must for high-performance cams. Sold individually.

- ¹ P4286812 Valve Spring, Single, 0.430"/0.460" Lift
- ¹ P3690933 Valve Spring, Single, 0.440"/0.500" Lift
- ¹ P5249848 Valve Spring, Single, 0.480"/0.540" Lift
- ¹ P2806077 Valve Spring, Double, 0.500"/0.610" Lift
- ¹ P4876064 Valve Spring, Double, 0.590"/0.640" Lift
- ¹ P5249849 Valve Spring, Double, 0.650"/0.750" Lift
- ¹ P4007536 Valve Spring, Triple, 0.640"/0.745" Lift

B. Valve Spring Retainers

Available in two levels of performance: Chrome Moly for restoration and heavy-duty applications and Titanium for top-level race performance. Sold individually.

- P4452033 Retainer, 3/8", Single, Std Height, Chrome Moly, 7°
- P4120785 Retainer, Titanium, 3/8", Dual, Std Height, 10°
- P4452769 Retainers, Steel, 5/16", Single, Std Height, 7°
- P4529288 Retainer, Chrome Moly, 5/16", Single/Dual, Std Height, 7°
- P4286775 Retainer, Titanium, 3/8", Triple, .060" Increase, 10°



A.



B.

Hemi®/Big Block Engine Valve Springs

Part Number	Installed Ht.	Description	OD	Wire		Material	Retainers
				Diameter	Lift Range		
P4286812	1.83"/1.86"	Single/damper	1.49"	0.208"	0.430"/0.460"	Chrome vanadium	P4452033
P3690933	1.83"/1.86"	Single/damper	1.53"	0.224"	0.440"/0.500"	Chrome vanadium	P4452769, P4529288, P5007858
P5249848	1.86"/1.87"	Single/damper	1.55"	0.216"	0.480"/0.540"	Chrome silicon	P4452769, P4289288
P2806077	1.83"/1.86"	Dual/damper	1.52"	0.215"	0.500"/0.610"	Chrome vanadium	P4529288, P4120785
P4876064	1.86"/1.88"	Dual/damper	1.60"	0.216"	0.590"/0.640"	Chrome silicon	P4529288, P4120785
P5249849	2.00"/2.02"	Dual/damper	1.55"	0.216"	0.650"/0.750"	Chrome silicon	P4120785
P4007536	2.00"/2.02"	Triple	1.62"	0.225"	0.640"/0.745"	Chrome silicon	P4286775

1. All valve springs are sold individually.
2. With a single spring, the damper is installed inside the main spring; with a dual spring, the damper is installed between the inner and outer springs. There is no damper in the triple springs.
3. Retainers listed are the basic recommendation. Check the actual retainer listing for other options-added installed height, materials, lock size.

ROCKER ARMS, SHAFTS, SUPPORTS, AND HARDWARE

A. Rocker Arm Packages

Heavy-duty Hydraulic Rocker Arms feature thicker cross-sectional material in pushrod socket area for added durability, similar to the O.E. 440 Six Pack-style. Package includes 16 rocker arms, rocker shaft retainers and hold-down bolts. Rocker shafts not included. Individual service rocker arms are also available. For the 383/400 "B" and 413/440 "RB" engines, the left rocker socket is approximately 1/16" to the right, and the right rocker socket is approximately 1/16" to the left. Use malleable iron rockers for ultimate durability.

- ¹ P4529743 Rocker Arm, Hydraulic, 1.5 Ratio, Package
- ¹ P4529477 Rocker Arm, Left, Hydraulic, Service, 1.5 Ratio, Sold Individually
- ¹ P4120974 Rocker Arm, Mechanical, 1.5 Ratio, Package
- P5249798 Rocker Arm, Mechanical, Right, 1.6 Ratio
- ¹ P4529476 Rocker Arm, Right, Hydraulic, Service, 1.5 Ratio, Sold Individually



A.



B.

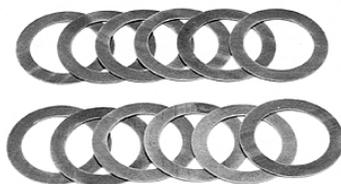
B. New! Aluminum Rocker Arm Sets - Race

Includes 16 Rockers and two Shafts, appropriate spacers and assembly lube. Extruded high strength aluminum body. Roller tip to reduce internal friction and improve geometry. Adjustable with lock nut. Use with raised port heads P5153654 and P5153823.

- ¹ P5153900 Rocker Arm Set, 1.6 ratio, 0.565" Offset Intake
- ¹ P5153899 Rocket Arm Set, 1.5 ratio, 0.565" Offset Intake



C.



D.

C. Rocker Arm Adjusting Screw and Nut Set

Set includes eight screws and nuts. Note that two sets are required for V8 engines.

- ¹ P5007444AB Rocker Arm Screw/Nut Set, 426 Hemi, Big Block, Small Block, 2.2L/2.5L, Slant Six, 3.9L V6

D. Rocker Arm Spacer

Use to improve adjustable rocker arm to valve tip alignment.

- P3690896 Rocker Arm Spacer Set, 0.015" Thick, Set

E. Rocker Shafts

- P4529101 Rocker Shaft, Hydraulic Valve Gear, On-Center, Sold Individually
- P5249092 Rocker Shaft, Roller Valve Gear, On-Center, Chromed, Set of Two

F. Rocker Shaft End Plugs

Sold as a set of four. These do not fit aftermarket rocker shafts.

- P5249633 Rocker Shaft End Plugs, 426 Hemi/Big Block



E.



F.

BIG BLOCK

ROCKER ARMS, SHAFTS, SUPPORTS, AND HARDWARE

A. Rocker Shaft Hold-Down

Billet Aluminum Rocker Shaft Hold-Downs provide greater rocker shaft stiffness, which helps Rocker Shaft maintain roundness when torque is applied. Roundness is important with mechanical rockers and high spring loads. Anodized blue.

P5249714 Rocker Shaft Hold-Down



A.

B. Rocker Shaft Retainers and Bolts

Package contains previously hard-to-find hold down retainers and bolts necessary to secure both rocker shafts. Manufactured to Mopar original equipment specifications to assure high quality. For use on all cylinder heads with cast-in rocker stands.

P4529744 Rocker Shaft Retainers and Bolts



B.

C. Rocker Shaft Stands

Heavy-duty billet aluminum CNC-machined Rocker Shaft Stands for standard rocker shafts and rocker arms.

P5007217 Rocker Shaft Stand, Max Wedge I, II and P4529996

P5007742 Rocker Shaft Stand, Stage VI CNC Ported Heads
P4876383 and P4876386



C.

D. Rocker Shaft Springs

For use with Big Block mechanical rocker arms to separate and locate rocker arms on shaft. Package includes one engine set (eight springs).

P4452801 Rocker Shaft Springs



D.



A.



B.



C.



D.

INTAKE MANIFOLDS, HARDWARE, AND GASKETS

A. Single Plane Intakes - Four-Barrel

Engineered for use with standard cylinder heads. Requires no attaching modifications. Perfect for Bracket, Super Stock, or general high-performance applications. Offers a 5-10 horsepower advantage over other single plane manifolds. Carburetor flange accepts standard Holley four-barrel carburetor.

- ¹ P4529724 Intake Manifold, Aluminum, Single Plane, 4500 Carb., 361/383/400 with Stage IV, V, or Production Heads
- ¹ P4529725 Intake Manifold, Aluminum, Single Plane, 4500 Carb., 413/426W/440 with Stage IV, V, or Production Heads
- ¹ P4529462 Intake Manifold, Aluminum, Single Plane, Four-barrel Carburetor, 361/383/400 with Stage IV, V, or Production Heads
- ¹ P4529463 Intake Manifold, Aluminum, Single Plane, Four-barrel Carburetor, 413/426W/440 with Stage IV, V, or Production Heads

B. Single Plane Intakes - Four-Barrel - Race

- ¹ P4876337 Intake Manifold, Aluminum, Single Plane, Race, 4150-Style Carburetor, "RB", Max Wedge, Stock Cylinder Heads
- ¹ P4876129 Intake Manifold, Aluminum, Single Plane, Race, 4500 Carburetor, "RB", Max Wedge Stage VI Heads
- ¹ P4876128 Intake Manifold, Aluminum, Single Plane, Race, Four-barrel Carburetor, "RB", Max Wedge Stage VI Heads

C. Dual Plane Intakes - Four-barrel

Designed for use with standard cylinder heads. Easy bolt-on with no modifications necessary. Accepts standard flange Holley and Carter carburetors. Similar to production, but with larger cross-sectional area runners for increased power. For bracket, Super Stock, or general high performance use. Heat crossovers make them ideal for dual purpose applications. Fits "B" Engine only.

- ¹ P4529117 Intake Manifold, Aluminum, Dual Plane, 361/383/400 with Stage IV, V, or Production Heads
- ¹ P5153525 Intake Manifold, Aluminum, Dual Plane, 413-440

D. Dual Plane Intakes - Six Pack

- ¹ P4529055 Intake Manifold, Aluminum, Dual Plane, Six Pack, 361/383/400 with Stage IV, V, or Production Heads
- ¹ P4529056 Intake Manifold, Aluminum, Dual Plane, Six Pack, 413/426W/440 with Stage IV, V, or Production Heads

BIG BLOCK

INTAKE MANIFOLDS, HARDWARE, AND GASKETS

A. Cross Ram Intake - Dual Four-Barrel Max Wedge

After 40 years, Mopar is pleased to bring back the Cross Ram Max Wedge Intake Manifold! This brand-new design improves airflow by as much as 20% and is fully interchangeable on all Max Wedge applications. It is based on the 1964 Max Wedge intake and uses production and aftermarket-style AFB carburetors. Designed for "RB" engines with Max Wedge heads. Uses P5153567 Linkage Package.



- ¹ P5007330 Intake Manifold, Aluminum, Cross Ram, Dual 4-bbl Carbs, Max Wedge and "RB" Engines, Use Bolt Kit P5153338.
- ¹ P5153338 Hardware Kit, Max Wedge Cross Ram Intake Manifold P5007330, Includes bolts and plugs

B. Intake Manifold Gasket Sets

Custom-fit set comes complete to service one engine. Includes gaskets, end seals, O-rings, and distributor seal (where applicable).

- ¹ P5249483 Gasket, Intake Manifold, 0.030" Thick, Big Port with Stage VI Heads, Set
- ¹ P5249433 Gasket, Intake Manifold, 0.030" Thick, Big Block with Stage VI Heads, Set
- ¹ P5249467 Gasket, Intake Manifold, 0.045" Thick, Big Block with Stage VI Heads, Set
- ¹ P5249484 Gasket, Intake Manifold, 0.045" Thick, Big Port with Stage VI Heads, Set

A.



B. P5249433

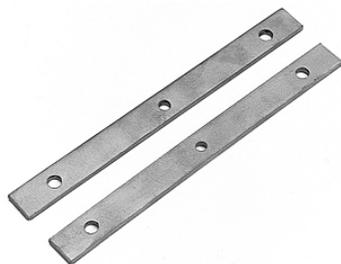
Big Block Intake Manifold Application Chart

Intake Manifold Application Chart

Engine	Cylinder Head	Performance						
		Level	Carburetor	RPM Range	Resto	Drag Race	Street Rod	RV Truck
361-383-400	All Standard "B"	15-12 sec	4-bbl	Idle-5800	*P4529117	*P4529117	*P4529117	*P4529117
361-383-400	All Standard "B"	13-11 sec	4-bbl	2600-7200	—	*P4529462	*P4529462	*P4529462
361-383-400	All Standard "B"	11-09 sec	4500	3500-8000	—	*P4529724	—	—
361-383-400	All Standard "B"	14-11 sec	6-bbl	Idle-6300	*P4529055	*P4529055	*P4529055	—
361-383-400	Stage VI	13-11 sec	4-bbl	Idle-6000	*P5153525	*P5153525	*P5153525	—
361-383-400	Stage VI	12-10 sec	4-bbl	2800-7400	—	*P4529463	*P4529463	—
361-383-400	Stage VI	11-09 sec	4500	3600-8200	—	*P4529725	—	—
413-426W-440	All Standard "RB"	15-12 sec	4-bbl	Idle-5800	*P5153525	*P5153525	*P5153525	*P5153525
413-426W-440	All Standard "RB"	13-10 sec	6-bbl	Idle-6100	*P4529056	*P4529056	*P4529056	—
413-426W-440	All Standard "RB"	13-10 sec	4-bbl	2600-6800	—	*P4529463	*P4529463	—
413-426W-440	Max Wedge	10-07 sec	8-bbl	3000-7500	*P5007330	*P5007330	*P5007330	—
Race	Stage VI Max Wedge	10-08 sec	4-bbl	3000-7500	—	*P4876128	*P4876128	—
Race	Stage VI Max Wedge	09-07 sec	4500	3800-8000	—	*P4876129	—	—

Visit us on the Web! www.mopar.com

¹ Not legal on pollution-controlled vehicles or vehicles registered for highway use.



A.



B.



C.



D.



E.



F.

INTAKE MANIFOLDS, HARDWARE, AND GASKETS

A. Intake Manifold Gasket Reinforcement Bars

Holds the intake manifold gasket down at the front and back of the block. For "B/RB" engines only. Sold in pairs.

- P5249492** Gasket Reinforcement Bars, Intake Manifold, "B" Engines
- P5249493** Gasket Reinforcement Bars, Intake Manifold, "RB" Engines

B. Intake Manifold Gasket Heat Block-Off

Stainless steel Intake Manifold Gasket Heat Block-Off keeps exhaust heat from transferring to the intake manifold for a cooler, denser fuel-air mixture.

- ¹ **P4286825** Gasket, Heat Block-Off, Intake Manifold, "B" Engines
- ¹ **P4286826** Gasket, Heat Block-Off, Intake Manifold, "RB" Engines
- ¹ **P4452103** Gasket, Heat Block-Off, Intake Manifold, 361/383/400 with Stage IV, V, or Production Heads, Race, Set
- ¹ **P4452105** Gasket, Heat Block-Off, Intake Manifold, 413/426W/440 with Stage IV/V, or Production Heads, Race, Set

C. Intake Manifold Plug Package

Includes eight intake manifold plugs. Used in Max Wedge and Hemi Cross Ram intake manifolds.

- P5249926** Plug Package, Intake Manifold, Cross Ram, 426 Hemi and Max Wedge

D. Max Wedge Intake Linkage Package

- ¹ **P5153567** Linkage Package, Intake

E. Intake Manifold Spacers

The correct Intake Manifold Spacers to use with Mopar Stage VI aluminum heads on "RB" (440) blocks. Can also be used to mate a "B" engine intake manifold to Stage VI heads on a "B" block. Unique design allows the standard 440 intake gasket/valley tray to be used as a valley cover with a simple modification and paper gaskets. Includes two cast aluminum manifold spacers.

- ¹ **P5249189** Spacers, Intake Manifold, 440 Big Block with Stage VI Heads

F. ChokeWell/Seal

For dual plane production and aluminum intake manifolds. Includes choke cup, gasket and two screws. Does not include a choke.

- ¹ **P5249639** Choke Seal, Big Block/ Small Block

BIG BLOCK

INTAKE MANIFOLDS, HARDWARE, AND GASKETS

A. Intake Manifold Attaching Bolts

Complete package of 16 bolts required to attach the intake manifold to the cylinder heads. Bolts measure 3/8" diameter x 1-3/4" length.

P4876770 Bolt Package, Intake Manifold, 383/440 Big Block



A.



B.

OILING COMPONENTS

B. Oil Pans

Includes factory engineered and approved oil pan, drain plug and washer. Center sump style is used on passenger car applications, while the rear sump style is used for pickups. Windage Trays may be used if desired. See the Oil Pickup and Screen Assemblies for specific application information. Listed quart capacity is with filter installed.

P5007816 Oil Pan, Eight-quart, Center Sump, Big Block

P5007807AB Oil Pan, Six-quart, Center Sump, Stock Style, Must Use Oil Pickup P5007848, Stamped

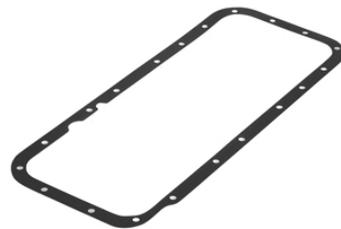
P5249064 Oil Pan, Six-quart, Rear Sump

C. Oil Pan Bolt Set

P4120613 Bolt Set, Oil Pan, 426 Hemi, Big Block/ Small Block



C.



D.

D. Oil Pan Gaskets

For Big Block and Hemi® applications. Note that two are required for Windage Tray applications.

P4452099 Gasket, Oil Pan, Race, Set of Two

P3412049 Gasket, Oil Pan, Sold Individually

E. Oil Pickup and Screen Assemblies - Eight-Quart

Factory original reissued oil pickup and screen assemblies. Standard pickups are 3/8", race-style requires hole enlargement in stock blocks.

P5007818 Oil Pickup and Screen Assembly, Eight-Quart, 1/2" Pipe, Use with Oil Pan P5007816

P5007817 Oil Pickup and Screen Assembly, Eight-Quart, 3/8" Pipe, Use with Oil Pan P5007816



E.

OILING COMPONENTS

A. Oil Pickup and Screen Assemblies - Six-Quart

Factory original reissued Oil Pickup and Screen Assemblies. Standard pickups are 3/8", while race styles require hole enlargement in stock blocks. P4529564 does not fit the 440 Six Pak.

- P5249817 Oil Pickup and Screen Assembly, Six-quart, 1/2" Pipe, "B" Engines
- P5249818 Oil Pickup and Screen Assembly, Six-quart, 1/2" Pipe, Siamese Bore, Not Raised Cam, 426 Hemi and Big Block
- P4529564 Oil Pickup and Screen Assembly, Six-quart, 3/8" Pipe, "B" Engines
- P4529565 Oil Pickup and Screen Assembly, Six-quart, 3/8" Pipe, "RB" Engines
- P5007848 Oil Pickup and Screen Assembly, Six-quart, 3/8" Pipe, Use with Oil Pan P5007807AB

Oil Pickup Adapter, 1/2" (Not Shown)

For new replacement Wedge blocks with bolt-on pickup bosses. Use when running 1/2" oil pickup. Replaces stock 3/8" boss.

- P5155064 Oil Pick Up Adaptor, 1/2", Wedge

B. Oil Pressure Relief Spring

Increases engine oil pressure over stock spring for high-performance applications. Delivers up to 70 lbs. of oil pressure. Includes cap and instructions.

- P4286571 Oil Pressure Relief Spring Set

C. Valley Trays

Keeps engine oil in the tappet chamber and off the intake manifold.

- P4876847 Valley Tray, "B" Engines, w/Stage VI Heads
- P4876848 Valley Tray, "RB" Engines
- P5153821AB Valley Tray, Engines with Raised Port P5153654 or P5153823 Heads, For "B" Blocks
- P5153822AB Valley Tray, Engines with Raised Port P5153654 or P5153823 Heads, For "RB" Blocks

D. Windage Trays

Designed to provide improved engine lubrication by reducing interior windage at higher engine speed. Package includes tray and two pan gaskets.

- P4120998 Windage Tray, 3.75" Stroke
- P5007345 Windage Tray, 4.15" Stroke

E. Oil Pump Assembly

Provides a 25% increase in oil volume. Ideal replacement for stock pump in high-performance applications.

- P4286590 Oil Pump Assembly, (use 02084355 Service Gasket)



A.



B.



C.



D.



E.

BIG BLOCK

OILING COMPONENTS

A. Distributor Drive Gear Assemblies

Features a hardened tip shaft with full radius blend from hex to round and pinned gears.

- P3571071 Distributor Drive Gear, Flat Tappet Cams
- P3412064 Distributor Drive Gear, Flat Tappet Cams, Milodon Oil System
- P3690875 Distributor Drive Gear, Roller Tappet, Aluminum-Bronze Gear
- P3690876 Distributor Drive Gear, Roller Tappet, Aluminum-Bronze Gear, Milodon System

Tube and Peen Tool Package (Not Shown)

Blocks off oil to right-side tappet bores. Required for race engines with high-lift roller cams.

- P4452812 Tube and Peen Tool Package

B. Chrome Dipstick and Tube

- P4349629 Dipstick and Tube, Chrome, Big Block

C. High-Performance Oil Filter

Engineered to meet the demands of heavy-duty and high-performance applications. Black with Mopar Pentastar logo.

- P4452890 Oil Filter, High-Performance, Black Finish

D. Oil Filter - Race

High-performance, heavy-duty race oil filter has a thicker canister with high burst strength. Black with Mopar Pentastar logo.

- P4529190 Oil Filter, Black Finish, 426 Hemi, Big Block, Small Block, Race

E. Restoration Oil Filters

Mopar has reissued these service replacement oil filters, used in the 1960s and 1970s. The white filter was used from the 1960s throughout the '70s. The high-performance white filter (P4529805) was recommended for use in competition from 1965 to 1974. The black filter was used from the late 1950s through the early 60s. These filters may not fit some V8 applications (those after 1972 requiring short filters).

- P4529806 Oil Filter, Black with Yellow Mopar logo, 1962-66 V8, Restoration
- P4529187 Oil Filter, White With Blue Stripe, 426 Hemi/Big Block/Small Block, Restoration
- P4529805 Oil Filter, White with Red Stripe, High-Performance, Restoration



A.



B.



C.



D.



E.



A.



B.



C.



D.



E.



F.



G.

COOLING SYSTEMS

A. Oil Pump Priming Shaft

Don't fire up that engine without pre-lubing (priming) it thoroughly with oil. Special hardened steel shaft fits on any 3/8" or larger drill. Insert shaft into hole where distributor fits. Pressurizes oil galleys to ensure against dry starts and engine damage. Fits all V8 engines.

P4286800 Shaft, Oil Pump Priming

B. Water Pump

Fully assembled and ready to install. Features an eight-blade impeller. Dimensions are same as stock cast iron version.

P5007643AB Water Pump, Aluminum

C. Water Pump Housing

Lightweight aluminum water pump housing. More than eight pounds lighter than typical production cast iron housing. Has dual alternator bracket mounting bosses, so it fits all "B" and "RB" engines, 1958-74.

P4286900 Water Pump Housing, Aluminum

Note: Radiator hose nipple is on the driver's side, so it cannot be used on 1973-up vehicles that have the hose on the passenger side.

D. Water Pump Installation Kit

Includes water pump gasket, pump housing gasket, plugs, water pump screws, plus long and short housing screws.

P5007449 Water Pump Installation Kit

E. Chrome Thermostat Housing

This high-quality Chrome Thermostat Housing is made of heavy-duty material. Includes gasket and two chrome bolts.

P4286759 Water Neck, Chrome, Up To 1978, V8

F. Chrome Water Pump Housing Bolts

Engine chrome dress-up projects are incomplete without chrome bolts.

P5007621 Bolts, Water Pump, Chrome

G. 90 Degree Water Neck Outlet

Cast aluminum 90° Thermostat Housing provides greater flexibility in routing cooling system hoses and improves the appearance of the engine compartment. Features three-direction capability - ideal for compact engine compartments.

P5249191 Thermostat Housing, 90 Degrees

BIG BLOCK

COOLING SYSTEMS

A. Thermostat

Heavy-duty Thermostat can handle increased heat management duties in high-performance engines. Replacement gasket included.

- ¹ P4876307 Thermostat, 180 Degree, 426 Hemi/Big Block/Small Block/Slant Six Engines, Up to 1978

B. Viscous Fan Package

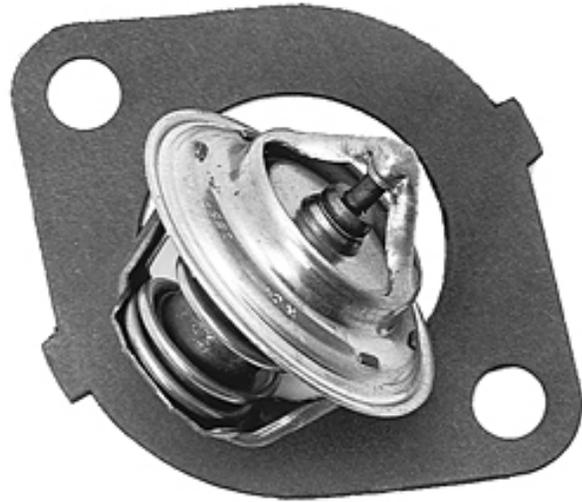
Most late 1960s and early 1970s factory-built muscle cars were equipped with viscous fans for cooling purposes. This package provides thermostatically controlled cooling, and includes a lightweight balanced fan. Offers up to 15 horsepower gain on typical high-performance V8s.

- ¹ P4120758 Viscous Fan Package, 18" fan. 3.25 Pitch

C. Radiator Cooling Fan Shrouds

Restoration Radiator Cooling Fan Shrouds fit 26" wide cores only.

- P2785434 Fan Shroud, Radiator, 1967-69 426 Hemi, 383/440 Big Block B-Body, Five-Stud Mounting, Restoration
- P2998326 Fan Shroud, Radiator, 1970-73 426 Hemi, 383/440 Big Block B/E-Bodies, Four-Screw Mounting Shown, Restoration



A.



B.



C.

AUTHENTIC PERFORMANCE™



SMALL BLOCK



PERFORMANCE

SMALL BLOCK

CRATE ENGINES

A. 440 Super Commando Crate Engine - 530 Horsepower

Big block power and cubic inches in a small block package! Mopar's 440 Super Commando small block stroker crate engine gives you over 500 horsepower on pump gas, and offers the compact size of a small block.

¹ P5153523 Crate Engine, 530 Horsepower, 540 ft.-lbs. Torque, 440 Super Commando

Specifications:

- Bore: 4.185"
- Stroke: 4.000"
- Compression Ratio: 10:1
- Block: 340 Siamese Block with Four-bolt Mains
- Cylinder Heads: Aluminum
- Intake Manifold: Single Plane Four-barrel
- Camshaft: Hydraulic, 251°/257° Duration @ .050", .603" Lift
- Oil Pan: Eight-quart Center Sump Street/Strip Oil Pan
- Crankshaft: Forged 4340
- Pistons: Forged
- Valves: 2.055"/1.600" Stainless
- Connecting Rods: Forged 6.123"
- Rocker Arm: Aluminum Roller with 1.6:1 Ratio

B. 410 Six Pack Crate Engine - 470 Horsepower

Nothing shrinks time and distance like cubic inches and a good induction system. Mopar's new 410 Stroker Small-Block has all the goods for whatever your application is. Basic ingredients include a new 340 block featuring 4-bolt mains, aluminum "LA" heads, high-lift hydraulic camshaft and a 4.00" Stroker heavy-duty forged crankshaft. Topped off with a sexy aluminum "Six Pack" intake manifold and Mopar cast aluminum valve covers. The 410 has the right stuff to impress the troops at the drag strip and on cruise nights.

¹ P5153527 Crate Engine, 470 Horsepower, 490 ft.-lbs. Torque, 410 Six Pack

Specifications:

- Bore: 4.040"
- Stroke: 4.000"
- Compression Ratio: 10:1
- Block: New 340 Replacement Block with Four-bolt Mains
- Cylinder Heads: Aluminum "LA" Heads
- Intake Manifold: Aluminum "Six Pack"
- Camshaft: Hydraulic, 292°/292° Duration; .508" Lift
- Oil Pan: Eight-quart Center Sump Street/Strip Oil Pan

Note: Shown with available carburetors.

P4349237 Center

P4349238 Outboard



A. Shown with carburetor, not included



B. Shown with carburetors, not included

CRATE ENGINES

A. 360 Magnum Crate Engine - 390 Horsepower

Mopar offers a high output Magnum 360, now standard with new Aluminum Magnum cylinder heads. Mopar testing produced 390 horsepower at 5,300 rpm, with peak torque output of 420 ft.-lbs. at 4,400 rpm. Mopar recommends the use of a 750 cfm Holley carburetor (P4349228) and 1-7/8" exhaust headers (not available through Mopar).

¹ P5155074 Crate Engine, 360 Magnum, 390 Horsepower, 420 ft.-lbs. Torque

Specifications:

- New HP Magnum Block
- New Aluminum Magnum Cylinder Heads
- Mopar Cast Aluminum Valve Covers
- High-Strength Stainless Steel Valves - 2.02" Intake, 1.60" Exhaust
- Heavy-Duty Valve Springs
- Hydraulic Roller Camshaft - 288°/292° Advertised Duration
- Pistons - 10:1 C.R.
- Single Plane, M1® 4-bbl Aluminum Intake Manifold (Includes Bosses for MPI Conversion; Taller than Stock - Check Hood Clearance)
- Center Sump Oil Pan Similar to Commando Engine (Fits Passenger Cars; Pan Swap Required for Truck Use)
- Mopar Performance Electronic Ignition Kit with Distributor
- Heavy-Duty Engine Stand and Engine Crate
- Does Not Include Accessory Brackets
- Not for Use with Air Conditioning
- Not Recommended for Factory MPI Replacement
- Flex Plate P4876706 and a Symmetrical, Neutrally Balanced Torque Converter or Flywheel P5249842 Are Recommended (Not Included)

Note: Uses premium fuel. Crate engines that change the emissions performance of the vehicle may not be legal for use on vehicles regulated for highway use in California and other states. Horsepower and torque ratings based on test engine. Ratings may vary on individual engines.



A. P5155074

SMALL BLOCK

CRATE ENGINES

A. 340 Six-Pack Crate Engine - 330 Horsepower

The new 340 crate engine is built with all new parts, including a 340 block with four-bolt mains, Aluminum "LA" cylinder heads, HD cast crankshaft, six-pack intake, ignition system, water pump and stock-style front sump oil pan that will fit in most muscle cars.

¹ P5153526 Crate Engine, 340 Six-pack, 330 Horsepower, 330 ft-lbs Torque

Specifications:

- Bore: 4.040"
- Stroke: 3.310"
- Compression Ratio: 10:1
- Block: New 340 Replacement Block with Four-bolt Mains
- Cylinder Heads: Aluminum "LA"
- Intake Manifold: Aluminum Six Pack
- Camshaft: Hydraulic (292°/292° Duration, 0.508" Lift)
- Oil Pan: Stock Style Center Sump - Fits Most Muscle Cars

Note: Shown with Available Carburetors - P4349241 Center, P4349239 Outboard (not included).



A. Shown with carburetors, not included

BLOCKS

B. Short Block Assemblies

These Short Block Assemblies are built with all-new components including block, crankshaft, connecting rods, pistons and camshaft bearings. Does not include camshaft, timing cover or timing set.

¹ P5153907 Block, Short Assembly, 4.000" Bore, 3.580" Stroke, 5.9L Magnum/ 360 "LA"

¹ P5153908 Block, Short Assembly, 4.040" Bore, 3.310" Stroke, 340 "LA"

¹ P5153909 Block, Short Assembly, 4.040" Bore, 4.000" Stroke, 410 "LA", Stroker 340

¹ P5153910 Block, Short Assembly, 4.185" Bore, 4.000" Stroke, 440 "LA", Stroker 340

P5155197 Engine Assembly, 5.9L, Package Car Service Part

Note: Short Block Assemblies that change the emissions performance of the vehicle may not be legal for use on vehicles regulated for highway use in California and other states.



B.



B.

Magnum / "LA" Short Blocks

Part Number	Displacement	Block Type	Deck Height	Bore	Stroke	Crankshaft	Piston	Rods	Comp Height	Comp Ratio/ CC Size
P5153907	360	Magnum/ "LA"	9.6	4.000"	3.58"	Cast	Cast	Forged 6.123"	1.667"	9:1 w/ 60cc
P5153908	340	"LA"	9.6	4.040"	3.31"	Cast	Cast	Forged 6.123"	1.840"	10:1 w/ 63cc
P5153909	410	"LA"	9.6	4.040"	4.00"	Forged	Forged	Forged 6.123"	1.450"	10:1 w/ 63cc
P5153910	440	"LA"	9.6	4.185"	4.00"	Forged	Forged	Forged 6.123"	1.350"	10:1 w/ 63cc

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¹ Not legal on pollution-controlled vehicles or vehicles registered for highway use.

BLOCKS

A. HP Magnum and "LA" Blocks

Magnum and "LA" Blocks are designed for general high performance use and entry level racing.



A. P5007552AB

- Ready for assembly without the need for any additional machining
- Bored and honed to standard bore size
- Camshaft Bearings and freeze plugs installed in block
- Hardware kit included
- Ductile Iron Main Caps with ARP bolts (four-bolt on the center three caps)
- Dual motor mounts with "LA" and Magnum mounts (must use late 1970s 318 mount for left side)
- Heavy duty casting with thicker deck and bore walls
- Works with all stock-style engine components
- P5153452 & P5153579 work with Magnum stock-style Hydraulic Roller Camshafts (required tappet retainer kit P5155275)
- Not recommended for use with aftermarket tie bar style mechanical roller tappets
- Siamese Bore (all except P5007552AB) - allows up to 4.220" bore size
- Standard deck height - 9.600"
- Setup for wet sump oiling system with oil drain holes in the valley
- Magnum blocks can also be used for "LA" applications with dual oiling system provisions (LA oil passages to heads or Magnum oiling through pushrods, and flat tappet or hydraulic roller cams)
- MPI provisions for Magnum crank trigger
- 59° Tappet Bore - works with all stock-style cylinder heads and camshafts
- P5153579 requires use of 318/340 "LA" oil pan (stock 5.2L Magnum oil pan will not fit)

- ¹ **P5153478AB** Block, Cast Iron, 340 Replacement, Siamese-bore, 4.040" Finished Bore
- ¹ **P5153743** Block, Cast Iron, 340 Replacement, Siamese-bore, 4.175" Rough Bore
- ¹ **P5007552AB** Block, Cast Iron, 340, Non-Siamese-bore, 4.040" Finished Bore
- ¹ **P5153579** Block, Cast Iron, Race, 5.2L Magnum/318 "LA", Siamese-bore, 3.910" Finished Bore
- ¹ **P5153452** Block, Cast Iron, Race, 5.9L Magnum/360 "LA", Siamese-bore, 4.000" Finished Bore
- ¹ **P5153908** Block, Short Assembly, 4.040" Bore, 3.310" Stroke, 340 "LA"

BLOCKS

Magnum/340/"R3" Cast Iron Blocks

Part No.	Deck Nom.	Deck Min.	Cyl. Design	Bore Size/Finish	Over Bore	Cap Design	Tappet Angle	Journal Size	Notes
P4876381AB	9.025"	8.90"	Siamese	4.050" - Rough	4.220"	4-Bolt — Steel	48°	318/340	(2,3,4)
P4876671AD	9.200"	8.90"	Siamese	3.998" - Rough	4.220"	4-Bolt — Iron	48°	318/340	(1)
P4876791AD	9.200"	8.90"	Siamese	3.998" - Rough	4.220"	4-Bolt — Iron	59°	318/340	(5)
P4876673AD	9.600"	9.30"	Siamese	3.998" - Rough	4.220"	4-Bolt — Iron	48°	318/340	(1)
P5007552AB	9.600"	9.30"	Non-siamese	4.040" - Honed	4.080"	4-Bolt — Iron	59°	318/340	(5,6)
P5153478AB	9.600"	9.30"	Siamese	4.040" - Honed	4.220"	4-Bolt — Iron	59°	318/340	(5,6)
P5153743	9.600"	9.30"	Siamese	4.175" - Rough	4.220"	4-Bolt — Iron	59°	318/340	(5)
P5153579	9.600"	9.30"	Siamese	3.910" - Honed	4.220"	4-Bolt — Iron	59°	318/340	(5,6)
P5153452	9.600"	9.30"	Siamese	4.000" - Honed	4.220"	4-Bolt — Iron	59°	360	(5,6)

Notes:

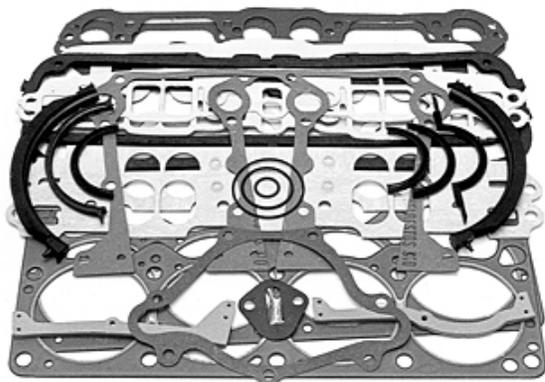
- 48° cam tunnel machining requires cam bearings P4876372 and cam UGL P4876633 or P4876634.
- 48° roller cam tunnel machining requires 50 mm roller cam bearings P4876707 and cam UGL P5007932 or P5007134..
- Dry Sump application only, requires external oil pump and filter.
- Steel billet cap application with four-bolt (center three caps)
- 59° cam tunnel machining uses stock-style camshaft.
- Comes with Camshaft Bearings installed in block.

Questions? Call the Mopar Direct Connection Techline at 1-888-528-HEMI (4364)

¹ Not legal on pollution-controlled vehicles or vehicles registered for highway use.



A. P4876381AB



B.



C.



D.

BLOCKS

A. Cast Iron "R3" Race Engine Blocks

Building on our heritage, the R3 race block family offers the latest in design technology along with the options to meet your specific needs. All of these blocks feature:

- Process-controlled castings utilizing high-strength cast iron and a computer-controlled stress relieving process
- 100% CNC machining with full statistical process control
- Thick deck surface and six-bolt cylinder head attachment (48° blocks) for improved sealing and reliability
- Various options that provide deck height potentials of 8.900" to 9.600"
- Tappet angles in both 59° (stock) and 48° are available (improved valve train geometry)
- (59° blocks are not recommended for use with roller tappets)
- Thicker main webbing and pan rail for improved rigidity
- Four-bolt mains in ductile iron, billet
- 318/340 main journal size
- Machined for "LA" or Magnum head oiling, as well as engine mounts

¹ P5153478AB Block, Cast Iron, 340 Replacement, Siamese-bore, 4.040" Finished Bore

¹ P4876671AD Block, Cast Iron, Race, "R3", Siamese-bore, 3.998" Rough Bore

¹ P4876673AD Block, Cast Iron, Race, "R3", Siamese-bore, 3.998" Rough Bore

¹ P4876791AD Block, Cast Iron, Race, "R3", Siamese-bore, 3.998" Rough Bore

¹ P4876381AB Block, Cast Iron, Race, "R3", Siamese-bore, 4.050" Rough Bore

ENGINE BLOCK HARDWARE

B. Engine Teardown Gasket Sets

Engine Teardown Gasket Set includes all gaskets needed for complete engine teardown: oil pan, cylinder head, valve cover, timing chain case cover, intake manifold and oil pump gaskets.

¹ P4120692 Gaskets, Engine Teardown, 340/360 Small Block, Set

C. "A" Engine Bearing Package

Comes with narrow #5 Main Bearing - race use only.

¹ P5153513 Main Bearings, Standard, 318/340

D. Block Hardware Package

Includes all the necessary dowels, plugs, bushings, and keys, as well as core plugs, rear cam bearing plug, drive gear bushing, head dowels and oil filter plate (with gasket and fitting).

¹ P5249261AB Hardware Package, Block

SMALL BLOCK

ENGINE BLOCK HARDWARE

A. Brass Core Plugs

Round, press-in engine block Brass Core Plugs will never rust and fit standard or Mopar race cast iron blocks.

¹ P5249706 Freeze Plugs, Brass



A.

CRANKSHAFTS AND HARDWARE

B. Forged Crankshafts

Surface hardened, Forged Crankshafts feature radiused fillets at main and rod journals, six-bolt flange, 4340 steel. Requires balancing. 4.00" stroke cranks require clearancing on block.

¹ P5007253 Crankshaft, Forged, 3.58" Stroke, 318/340 Main

¹ P5007255 Crankshaft, Forged, 3.58" Stroke, 360 Main

¹ P5007252 Crankshaft, Forged, 4.00" Stroke, 318/340 Main

¹ P5007254 Crankshaft, Forged, 4.00" Stroke, 360 Main



B.

C. Cast Crankshafts

Special heavy-duty Cast Crankshafts with radiused fillets. Features six-bolt pattern on crank flange. Requires balancing. 4.00" stroke cranks require clearancing on block.

¹ P5007257 Crankshaft, Cast Iron, 3.58" Stroke, 318/340 Main

¹ P5007259 Crankshaft, Cast Iron, 3.58" Stroke, 360 Main Small Block, 5.9L Truck Magnum/Jeep Engines

¹ P5007256 Crankshaft, Cast Iron, 4.00" Stroke, 318/340 Main

¹ P5007258 Crankshaft, Cast Iron, 4.00" Stroke, 360 Main Small Block, 5.9L Truck Magnum/Jeep Engines



C.

D. Crank Bolt Package

Heavy-duty bolts used to attach the vibration damper to the crankshaft.

P5249557AB Bolt Package, Crank, 2.25" Length, 426 Hemi/ Big Block/ Small Block/ Aftermarket Dampers



D.

E. Crank Key Package

Used to locate the crankshaft sprocket on the nose of the crankshaft. Contains two keys.

P5249822 Key Package, Crank, 426 Hemi/ Big Block/ Small Block/ Slant Six



E.

VIBRATION DAMPERS

F. Steel Vibration Damper

Features a steel ring and a universal front pulley mount pattern. SFI-approved.

¹ P5249690 Vibration Damper, Steel, 1967-91 273/318 Small Block, 1968-71 340 Small Block Forged Crank



F.

Small Block Engine Displacement (Cubic Inches)

Stroke	Bore										
	3.910"	3.940"	3.970"	4.000"	4.030"	4.040"	4.060"	4.100"	4.125"	4.180"	4.220"
3.31"	318	323	328	333	338	340	343	350	354	363	370
3.58"	344	349	355	360	365	367	371	378	383	393	401
3.79"	364	370	375	381	387	389	392	400	405	416	424
4.00"	384	390	396	402	408	410	414	422	427	439	448
4.25"	408	414	421	427	433	436	440	449	454	466	476



A.



B.



C.



D/E.

VIBRATION DAMPERS

A. Thin Crank Vibration Damper

Production-style Thin Crank Vibration Damper is designed for all production-balanced Small Block engines. Not SFI- approved.

- ¹ P5007301 Vibration Damper, Thin Crank, Externally Balanced, 1971–92 360 "A" Engines, pre-Magnum Short Blocks P4876907 and P4876908
- ¹ P4452816 Vibration Damper, Thin Crank, Internally Balanced, 1967–91 273/318, 1968–early 1972 340 Forged Crank

B. Damper Degree Timing Tape

Improve timing accuracy with this Damper Degree Timing Tape. Marked in 90° increments. Self-adhesive strip adheres to the Crank Vibration Damper for clear identification of marks. Permits reading up to 60° instead of only 10°–15° as on chain case timing tab. Damper not included.

- P4529070AB Damper Degree Timing Tape (Damper Not Included)

C. Oil Slinger

Protects front seal from excessive oil contact. Forces lubricant oil into chain.

- P5249636 Oil Slinger, 426 Hemi/ Big Block/ Small Block/ Slant Six/ 3.9L V6

TIMING CHAIN AND SPROCKETS

D. All-Out Race Chain and Sprockets

Matched sprockets and double roller chain for all-out race applications. Kits feature three matched keyways to adjust cam timing. Includes magna-fluxed sprockets and roller timing chains.

- ¹ P4876559 Chain and Sprockets, 0.005" Oversize, Race
- ¹ P4876560 Chain and Sprockets, 0.010" Oversize, Race
- ¹ P3690866 Chain and Sprockets, Race, Standard Size
- ¹ P5249131 Chain, Double, Roller, Replacement, Cloyes Race Application

E. Double Roller Chain and Sprocket

High-strength Double Roller Chain provides added durability and decreased rotational friction versus production silent chain.

- ¹ P5249131 Chain, Double, Roller, Replacement, Cloyes Race Application
- ¹ P5249267 Chain, Double, Roller, with Sprockets, One-bolt Mount, Three Matched Keyways, Small Block, 5.2L/5.9L Magnum/Jeep Engines

SMALL BLOCK

TIMING CHAIN AND SPROCKETS

A. Timing Chain Tensioner

Stabilizes cam timing by reducing timing chain slack. Can be used in place of thrust plate (P5249637).

- ¹ P5007709 Timing Chain Tensioner, Small Block/ 3.9L/ 5.2L/ 5.9L Truck/Magnum/Jeep Engines

B. Front Cover Seal and Gasket

- P4876280 Seal, Front Cover, 426 Hemi/ Big Block/ Small Block

- ¹ P4876700 Gasket, Front Cover, for Short Deck Race Blocks (9.00"-9.20"), use with Covers P4876631-32

C. Timing Chain Covers

Package includes Timing Chain Cover, seal, and gasket.

- ¹ P5249930AB Cover, Timing Chain, Production, 9.600" Deck, Small Block and V6
- ¹ P4876632 Cover, Timing Chain, Sand Cast, Race, 9.00"-9.20" Deck, Race Water Pump/Front Motor Plate
- ¹ P4876631 Cover, Timing Chain, Sand Cast, Race, 9.00"-9.20" Deck, Standard Water Pump, Small Block, V6

D. Chrome Timing Cover Bolt Package

Package includes a complete set of chrome bolts for timing chain covers.

- ¹ P4529256 Bolt Package, Chrome, Water Pump, 1969-92 "A" Engine

CAMSHAFTS, LIFTERS, AND HARDWARE

E. Purple Shaft Camshafts-Hydraulic

All Mopar Purple Shaft performance camshafts are designed, developed, dyno'd and track-tested by engineers for increased power and rpm potential while maintaining reliability and the best possible low-speed characteristics, including torque and idle quality. Each package contains the camshaft, cam lube, instruction sheet, and tappets.

- ¹ P4452757 Camshaft, 0.410"/0.425" Lift, 248/256 Adv. Duration
- ¹ P4452782 Camshaft, 0.429"/0.444" Lift, 228/235 Adv. Duration
- ¹ P4452759 Camshaft, 0.430"/0.450" Lift, 260/268 Adv. Duration
- ¹ P4452761 Camshaft, 0.450"/0.455" Lift, 268/272 Adv. Duration
- ¹ P4452992 Camshaft, 0.474"/0.474" Lift, 280/280 Adv. Duration
- ¹ P4120231 Camshaft, 0.484"/0.484" Lift, 284/284 Adv. Duration
- ¹ P4120233 Camshaft, 0.508"/0.508" Lift, 292/292 Adv. Duration

Note: Mopar recommends the use of a high zinc oil for maximum durability for flat tappet camshafts.



A.



B.



C. P4876632



D.



E.

SMALL BLOCK

CAMSHAFTS, LIFTERS, AND HARDWARE

Small Block Camshafts

Cam packages for 273, 318, 340, and 360 pre-Magnum applications. Includes cam, tappets, assembly oil, and instruction sheet

Small Block Hydraulic Camshafts

Part No.	Advertised Duration	@ 0.50"	O-Lap	Center Line	Lift	Recom. Spring	Basic RPM	Applications and Comments
*P4452782	268/276	228/235	44	114	0.429/0.444	P4120249	Idle – 5800	Muscle car – factory original
*P4452757	248/256	211/218	32	110	0.410/0.425	P4286813	1000 – 5000	Drag mild comp and perf RV
*P4452759	260/268	221/228	44	110	0.430/0.450	P4286813	1200 – 5200	Drag mild comp and high perf RV
*P4452761	268/272	228/231	50	110	0.450/0.4455	P4120249	1500 – 5800	Drag light comp and good mid-range
*P4452992	280/280	238/238	60	110	0.474/0.474	P4120249	2000 – 6000	Drag mild comp w/ auto or 4 speed
*P4120231	284/284	241/241	68	108	0.484/0.484	P4120249	2600 – 6000	Drag mod. comp w/ auto or 4 speed
*P4120233	292/292	248/248	76	108	0.508/0.508	P5249847	2800 – 6200	Drag modified comp
*P4529317	320/320	272/272	104	108	0.533/0.533	P5249847	3800 – 6400	Drag mod. comp w/ auto or 4 speed

Small Block Mechanical Camshafts

Part No.	Advertised Duration	@ 0.50"	O-Lap	Center Line	Lift	Valve Lash	Recom. Spring	Basic RPM	Applications and Comments
*P4120653	284/284	241/241	60	112	0.528/0.28	28/32	P5249847	2800 – 6900	Drag modified comp
*P4120655	296/296	252/252	76	110	0.557/0.57	28/32	P3614542	3400 – 7200	Drag pro comp, man & high stall auto
*P4120657	312/312	265/265	104	106	0.590/0.90	28/32	P3614542	4000 – 7500	Drag pro comp, auto. w/race conv.

Valve lash is listed in thousandths. For example .028" lash settings are "cold."

Small Block Application Chart

Performance	Best Choice	Bracket Racer		Street Rod		RV	Truck
		Manual	Automatic	Manual	Automatic	Man and Auto	Man and Auto
273-318	17 sec.	*P4452757	*P4452757	*P4452757	*P4452757	*P4452757	*P4452757
273-318	16 sec.	*P4452759	*P4452757	*P4452759	*P4452757	*P4452759	*P4452757
273-318	15 sec.	*P4452759	*P4452759	*P4452759	*P4452759	*P4452759	*P4452757
273-318	14.5 sec.	*P4452759	*P4452759	*P4452761	*P4452759	*P4452759	*P4452759
273-318	14 sec.	*P4452992	*P4452761	—	*P4452761	*P4452761	*P4452761
273-318	13.5 sec.	—	*P4452992	*P4529317	*P4120231	*P4452992	*P4452992
273-318	13 sec.	*P4120233	*P4452992	*P4120653	*P4120233	*P4452992	*P4452992
273-318	12.5 sec.	*P4529317	*P4120233	*P4120655	*P4529317	*P4120231	—
273-318	12 sec.	*P4120655	*P4120653	*P4120655	*P4120655	*P4120233	—
273-318	11.5 sec.	*P4120655	*P4120655	*P4120657	*P4120655	*P4529317	—
273-318	11 sec.	*P4120657	*P4120655	*P4120657	*P4120657	*P4120655	—
273-318	10.9 sec.	—	—	*P4120657	*P4120657	—	—
340	Resto	*P4452782	*P4452782	—	—	—	—
360	Resto	*P4452782	*P4452782	—	—	—	—
340-360	16 sec.	*P4452759	*P4452757	*P4452759	*P4452759	*P4452757	*P4452757
340-360	15 sec.	*P4452759	*P4452757	*P4452759	*P4452759	*P4452759	*P4452757
340-360	14.5 sec.	*P4452759	*P4452759	*P4452761	*P4452759	*P4452759	*P4452759
340-360	14 sec.	*P4452761	*P4452759	*P4452761	*P4452761	*P4452759	*P4452759
340-360	13.5 sec.	*P4452761	*P4452761	*P4452992	*P4452761	*P4452761	*P4452761
340-360	13 sec.	*P4452992	*P4452761	*P4452992	*P4452992	*P4452761	*P4452761
340-360	12.5 sec.	—	*P4452992	—	*P4452992	*P4452992	*P4452992
340-360	12 sec.	*P4120233	*P4120233	*P4120233	*P4120233	*P4120233	—
340-360	11.5 sec.	*P4120653	*P4529317	*P4520653	*P4529317	*P4529346	—
340-360	11 sec.	*P4120655	*P4120653	*P4120655	*P4120653	*P4120653	—
340-360	10.9 sec.	—	—	*P4120655	*P4120655	—	—
340-360	10.5 sec.	*P4120657	*P4120657	*P4120657	*P4120657	—	—

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SMALL BLOCK

CAMSHAFTS, LIFTERS, AND HARDWARE

A. Purple Shaft Camshafts-Mechanical

All Mopar Purple Shaft performance camshafts are designed, developed, dyno'd and track-tested by engineers for increased power and rpm potential while maintaining reliability and the best possible low-speed characteristics, including torque and idle quality. Each package contains the camshaft, cam lube, instruction sheet, and tappets.

- ¹ P4120653 Camshaft, 0.528"/0.528" Lift, 284/284 Adv. Duration
- ¹ P4120655 Camshaft, 0.557"/0.557" Lift, 296/296 Adv. Duration
- ¹ P4120657 Camshaft, 0.590"/0.590" Lift, 312/312 Adv. Duration

Note: Mopar recommends the use of a high zinc oil for maximum durability for flat tappet camshafts.

B. Roller UGL Camshafts - Race

The 48° tappet "R" blocks (R1, R2, R3, R4) require special camshafts. These UGL (unground lobe) camshafts enable cam grinders to grind specific cam profiles to create a finished cam. Cannot be used in engine as is.

- ¹ P5007932 Camshaft, Roller, UGL, Race, Roller Tappets, for 50 mm Roller Bearings P4876707, "R" Blocks
- ¹ P5007437 Camshaft, Roller, UGL, Race, Roller Tappets, for 60 mm Roller Bearings P5007361, "R" Blocks
- ¹ P4876633 Camshaft, Roller, UGL, Race, Roller Tappets, for Babbitt Bearings P4876372, "R" Blocks

C. Camshaft Bearings

Complete engine set of camshaft bearings.

- ¹ P4876707 Bearings, Camshaft, 48°, 50 mm, Roller Bearing Applications, Aluminum "A" Engine
- ¹ P4876372 Bearings, Camshaft, 48°, Babbitt Applications
- ¹ P5007361 Bearings, Camshaft, 60 mm, Roller Bearing Applications, R4 or A4 Blocks with W9, W9RP

D. Camshaft Plate Kit

Designed to take the thrust of the camshaft. Includes the cam plate and all necessary bolts.

- ¹ P5249637 Camshaft Plate Kit

Camshaft Sprocket Attaching Hardware (Not Shown)

Required when a fuel pump eccentric is used.

- ¹ P4529838 Hardware Package, Camshaft Sprocket



A.



B.



C.



D.



A.



B.

CAMSHAFTS, LIFTERS, AND HARDWARE

A. Offset Camshaft Keys

For centerlining your camshaft, these hardened keys are color coded in 1°, 2°, 3°, 4° and 5° increments. Production key is used for zero offset.

¹ P4286500 Camshaft Keys, Offset

Note: Color code for cam keys: Natural-1°, Red-2°, Blue-3°, Yellow-4°, White-5°

B. Mechanical Tappet

Sold individually.

P2843177 Tappet, Mechanical, 0.0005" Undersize

C. Hydraulic Tappet

Sold individually.

¹ P3614321 Tappet, Hydraulic

D. Roller Tappet Set

Includes matched pair of Roller Tappets with guide bar.

¹ P4452919 Tappet Set, Roller, Not Recommended with "R" Blocks and 340 Replacement Blocks



C.



D.

E. Drill Fixture Tool

Developed to add tappet oiling for 48° "R" blocks.

¹ P5007728 Drill Fixture Tool, Small Block

Pushrods (Not Shown)

¹ P5153848 Pushrod Set, Required for Use With Aluminum Magnum Cylinder Head P5153847

CYLINDER HEADS, HARDWARE, AND GASKETS

F. Super Commando Cylinder Head

Aluminum casting with large, wide ports, 2.055" intake valves, 1.600" exhaust valves, 5/16" valve guides. Requires Rocker Arm set P5153995 with offset to clear wide ports.

¹ P5153849 Cylinder Head, Aluminum, Assembly, 1967-1992 "LA" 318/360 Engines, 63 cc Combustion Chamber, 2.020"/1.600" Valves With HP Springs. Requires Head Bolt Set P5153851



E.



F.

SMALL BLOCK

CYLINDER HEADS, HARDWARE, AND GASKETS

A. W2 "Classic" Cylinder Head

Heads feature flat-machined rocker stands that work with rocker arms P5153586 (old-style offset shaft rockers). The Heads use the stock "LA" oiling system where oil is fed through passages in the block and heads up to the rocker shafts and arms.

- ¹ P5153599 Cylinder Head, Cast Iron, 2.02" Intake, 1.60" Exhaust, Open Chamber, W2 "Classic", Bare
- ¹ P5153600 Cylinder Head, Cast Iron, Assembly with Valves, 2.02" Intake, 1.60" Exhaust, Open Chamber, W2 "Classic"

B. W2 Race Cylinder Heads

Features flat-machined rocker pads that require the use of T&D Race Rocker Arms and long valves. Heads must be oiled through the tappets and hollow pushrods. Older style rocker stands and rocker systems do not work with these heads.

- ¹ P5007708AB Cylinder Head, Cast Iron, Race, 2.02" Intake, 1.60" Exhaust, 48° Tappet, 47cc Chamber, W2
- ¹ P5007445AB Cylinder Head, Cast Iron, Race, 2.02" Intake, 1.60" Exhaust, 48° Tappet, 65 cc Chamber, W2
- ¹ P5249769 Cylinder Head, Cast Iron, Race, 2.02" Intake, 1.60" Exhaust, 59° Tappet, 65cc Chamber, W2

C. W9 Raised Port Cylinder Head

Partially machined W9 Cylinder Head with raised intake and exhaust ports. Recommended for use in Sprint cars and Midget cars.

Features:

- High-strength, lightweight A356 aluminum alloy casting
- Ports raised significantly higher than standard W9 Cylinder Heads
- Machined deck, intake surface, head bolts and valve cover rail
- Ports are cast small to allow for flexibility in porting (requires porting)
- Chamber is cast filled in to allow very small machined chamber (requires machining)
- Requires machining for valve guides, spark plugs, intake screws, porting, valve spring pockets, rocker stands and injectors
- Recommended valve length: 6.040" intake and 6.060" exhaust
- Six-bolt head attachment design
- Recommended for use with T&D rocker arms with 0.750" offset (custom order)

- ¹ P5007904AB Cylinder Head, Aluminum, Raised Port, with Extra Stiffening Ribs, Small Block, A4 Midget Block, W9RP



A.



B.



C.

SMALL BLOCK

CYLINDER HEADS, HARDWARE, AND GASKETS

Cylinder Heads

This chart includes all Small Block Cylinder Heads found in the Street and Speed sections of the catalog.

P5 Cylinder Heads

Part Number	Description	Material	Chamber Size	Tappet Angle	Valve Angle	Valve Sizes	Valve Stem Size	Int. Port Volume	Int. Flow @ .600"	Int. Port Shape	Exh. Port Shape	Valve Cover	Approx Weight
¹ P5007509AB	P5 Hemi	Aluminum	N/A	45°/59°	10°/2°	N/A	5/16"	N/A	N/A	Rect.	Oval P5	P5 Hemi	36

Note: Use with P5007151AC or P5007467 block

Small Block Cylinder Heads (For Use with "R" Blocks or Aluminum Blocks with 48° Tappet Bore)

W2 Cylinder Heads

Part Number	Description	Material	Chamber Size	Tappet Angle	Valve Angle	Valve Sizes	Valve Stem Size	Int. Port Volume	Int. Flow @ .600"	Int. Port Shape	Exh. Port Shape	Valve Cover	Approx Weight
¹ P5007445AB	W2	Cast iron	65 cc	48°	15°	2.02"/1.60"	3/8"	190 cc	265 cfm	Oval W2	"D" W2/5	Std 5 bolt	51
¹ P5007708AB	W2	Cast iron	47 cc	48°	15°	2.02"/1.60"	3/8"	190 cc	265 cfm	Oval W2	"D" W2/5	Std 5 bolt	51

W9 Cylinder Heads

Part Number	Description	Material	Chamber Size	Tappet Angle	Valve Angle	Valve Sizes	Valve Stem Size	Int. Port Volume	Int. Flow @ .600"	Int. Port Shape	Exh. Port Shape	Valve Cover	Approx Weight
¹ P5007065AB	W9	Aluminum	62 cc	48°	15°	N/A	11/32"	200 cc	290 cfm	Rect. W8/9	"D" W7/9	Std 5 bolt	22
¹ P5007855	W9 partially machined	Aluminum	52 cc	48°	15°	N/A	N/A	N/A	N/A	Rect. W8/9	"D" W7/9	Std 5 bolt	22
¹ P5007861	W9 partially machined	Aluminum	52 cc	48°	13°	N/A	N/A	N/A	N/A	Rect. W8/9	"D" W7/9	Std 5 bolt	22

W9 Raised Port Heads

Part Number	Description	Material	Chamber Size	Tappet Angle	Valve Angle	Valve Sizes	Valve Stem Size	Int. Port Volume	Int. Flow @ .600"	Int. Port Shape	Exh. Port Shape	Valve Cover	Approx Weight
¹ P5007904	W9 partially machined	Aluminum	N/A	48°	13°	N/A	N/A	N/A	N/A	N/A	N/A	Std 5 bolt	24

Small Block Cylinder Heads (For use with production blocks or "R" Blocks with 59° Tappet Bore)

W2 Cylinder Heads

Part Number	Description	Material	Chamber Size	Tappet Angle	Valve Angle	Valve Sizes	Valve Stem Size	Int. Port Volume	Int. Flow @ .600"	Int. Port Shape	Exh. Port Shape	Valve Cover	Approx Weight
¹ P5249769	W2	Cast Iron	65 cc	59°	18°	2.02"/1.60"	3/8"	180 cc	260 cfm	Oval W2	"D" W2/5	Std 5 bolt	51
¹ P5153599	W2	Cast Iron	70 cc	59°	18°	2.02"/1.60"	3/8"	189 cc	260 cfm	Oval W2	"D" W2/5	Std 5 bolt	51
¹ P5153600	W2	Cast Iron	70 cc	59°	18°	2.02"/1.60"	3/8"	189 cc	260 cfm	Oval W2	"D" W2/5	Std 5 bolt	51

Magnum Cylinder Heads

Part Number	Description	Material	Chamber Size	Tappet Angle	Valve Angle	Valve Sizes	Valve Stem Size	Int. Port Volume	Int. Flow @ .600"	Int. Port Shape	Exh. Port Shape	Valve Cover	Approx Weight
¹ P5153847	Magnum - Assy	Aluminum	58 cc	59°	18°	2.02"/1.60"	11/32"	175 cc		Rect.	std	10 bolt	30

"Commando" Cylinder Heads

Part Number	Description	Material	Chamber Size	Tappet Angle	Valve Angle	Valve Sizes	Valve Stem Size	Int. Port Volume	Int. Flow @ .600"	Int. Port Shape	Exh. Port Shape	Valve Cover	Approx Weight
¹ P5153849	Commando - Assy	Aluminum	63 cc	59°	18°	2.02"/1.60"	11/32"	177 cc	222 cfm	Rect. 360	std	Std 5 bolt	30
¹ P4876310AB	Commando - Lg Port	Aluminum	50 cc	59°	18°	2.02"/1.60"	3/8"	188 cc	265 cfm	Rect. 360	std	Std 5 bolt	25
¹ P5153850	Super Commando	Aluminum	63 cc	59°	18°	2.055"/1.60"	11/32"		265 cfm	Wide	std	Std 5 bolt	30

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SMALL BLOCK

CYLINDER HEADS, HARDWARE, AND GASKETS

A. W9 Cylinder Heads

Designed with the professional racer in mind, W9 Aluminum Cylinder Heads incorporate the latest in "paperless design technology" to give racers the leading edge. Features high-strength, lightweight A356 aluminum alloy casting with thick decks that permit small chambers for maximum compression ratios, six-bolt head attachment design for sealing integrity, and raised intake and exhaust ports for maximum performance. Heads have a 15° valve angle, with additional material to permit "rolling" the head (except head P5007861 which is 13°). They are the same length as the block to permit ease of installation with engine plates.

- ¹ P5007861 Cylinder Head, Aluminum, 48°, Small Block, A4 Midget Block, W9 Cylinder Heads (13°)
- ¹ P5007855 Cylinder Head, Aluminum, 48°, Small Block, A4 Midget Block, W9 Cylinder Heads (15°)
- ¹ P5007065AB Cylinder Head, Aluminum, 48°, Small Blocks, W9

B. Magnum Cylinder Head

Features higher airflow and performance over cast iron (stock) Magnum cylinder heads. Uses Magnum vertical-style intake manifold attachment and production exhaust flange pattern. No heat crossover.

- ¹ P5153847 Cylinder Head, Aluminum, 5.2 / 5.9L Magnum, with valves and springs. 58 cc Combustion Chamber, 2.020"/1.600" Valves. Requires the use Of 1.6:1 Roller Rocker Arms (P5153852), Pushrods (P5153848), and Taller Than Stock Valve Covers (P5007617 or P5007618)

C. Magnum Cylinder Head Conversion Components

Designed to allow the use of production Magnum heads on pre-1992 Small Block engines. Requires the use of Magnum cylinder heads, hydraulic pushrods, Jeep® tappets (P4529220AB), and eight Magnum engine rocker arms (P4876050) to oil rocker arms through tappet and pushrod. Not for use with Magnum Cylinder Head P5153847.

- ¹ P5007477 Pushrod, Hydraulic, 7.625", Set of 16
- ¹ P4876050 Rocker Arm Set, Single Cylinder, 5.2L/5.9L Magnum Engines and Magnum Crate Engines
- ¹ P4529220AB Tappet, Hydraulic, Small Block/ 2.5L/4.0L Jeep Engines, Sold Individually



A.



B.



C.

CYLINDER HEADS, HARDWARE, AND GASKETS

A. Composite Material Cylinder Head Gaskets

Can be used for replacement or competition applications up to 12.5:1 compression ratio. Small Block four-bolt pattern. Sold as an engine set.

- ¹ P4349557 Gasket, Cylinder Head, Composite Material, up to 4.06" Bore, 0.040" to 0.042" Compressed Thickness, Small Block
- ¹ P4120094 Gasket, Cylinder Head, Composite Material, Up to 4.125" Bore, Up to 12.5:1 CR, Small Block

Low Compression Ratio Composition Material Gasket (Not Shown)

Not recommended for compression ratios over 10:5.1.

- ¹ P4120093 Gasket, Cylinder Head, Composition Material, Up to 4.060" Bore; 0.040" Thickness

B. Head Bolt Sets

Includes all required head bolts.

- ¹ P5153851 Bolt Set, Cylinder Head with Washers, Use With Cylinder Heads P5153849 and P5153850
- ¹ P4120471 Bolt Set, Cylinder Head, 318/340/360 "LA" Engines up to 1992
- P4876759 Bolt Set, Cylinder Head, Magnum, Small Block/ 5.2L/5.9L Truck Magnum/Jeep Engines

C. Head Stud Kits

Kits contain studs, nuts and washers for changeover of stock head bolts.

- ¹ P4876083 Stud Kit, Cylinder Head, "R" Blocks with W9 Heads
- ¹ P4876757 Stud Kit, Cylinder Head, Aluminum Block, W9 Heads
- ¹ P5007912 Stud Kit, Cylinder Head, Aluminum Block, W9 Raised Port Cylinder Head (A8 and A4 Engine Blocks with W9RP Cylinder Heads)

D. Hardened Washer Sets

For use with head bolts and main caps. Sold in sets of 20.

- P4120459 Washer, Hardened, 1/2", Small Block/ Truck Magnum/Jeep Engines, Set
- P4120456 Washer, Hardened, 3/8", Set

E. Exhaust Manifold Heat Shield - 340

- ¹ P2946105 Heat Shield, Exhaust Manifold, Driver's Side, 340



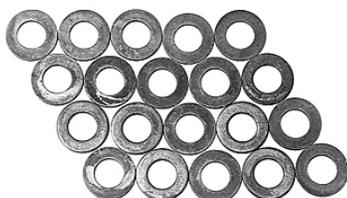
A.



B.



C.



D.



E.

SMALL BLOCK

CYLINDER HEADS, HARDWARE, AND GASKETS

LA Aluminum Cylinder Head (Not Shown)

- ¹ P5153849 Cylinder Head, Aluminum, Assembly, 1967-1992 "LA" 318/360 Engines, 63 cc Combustion Chamber, 2.020"/1.600" Valves With HP Springs. Requires Head Bolt Set P5153851

VALVE COVERS AND HARDWARE

A. "As Cast" Aluminum Valve Cover Set

Cast aluminum covers are more rigid than stamped steel, which helps prevent valve cover leaks. Sold "as cast" so you can set up the breathers required. There's no paint to remove if welding is done. Mopar Pentastar logo is cast into each cover. Set includes two valve covers and oil filler caps.

- ¹ P5007612 Valve Cover, Aluminum, "As Cast," Set
- ¹ P4452089 Gasket, Valve Cover Set, Race
- ¹ P5249581AB Gasket, Valve Cover, Five-Bolt Rubber with Steel Shim Reinforcement, 318/340/360/ "A" Engines up to 1992, Set

B. Black Wrinkle Cast Aluminum Valve Covers

High-strength Cast Aluminum Valve Covers are more rigid than stamped steel, offering better anti-leak properties. Mopar Pentastar logo is cast into each cover. Set includes two valve covers, two oil filler caps and baffle package.

- ¹ P5007611 Valve Cover, Cast Aluminum, Black Wrinkle, Set
- ¹ P4452089 Gasket, Valve Cover Set, Race
- ¹ P5249581AB Gasket, Valve Cover, Five-Bolt Rubber with Steel Shim Reinforcement, 318/340/360/ "A" Engines up to 1992, Set

C. Chrome Valve Cover Set

Dress up your engine compartment with these high-quality, chrome-plated stamped steel valve covers. Set includes two valve covers and grommets. Does not include gaskets, screws or baffling.

- ¹ P5007446 Valve Cover, Chrome, Mopar Pentastar Logo, Set
- ¹ P4349632AB Valve Cover, Chrome, "Direct Connection" Logo, Small Block, Set
- ¹ P4452089 Gasket, Valve Cover Set, Race

D. Polished Cast Aluminum Valve Cover Set

Polished to a chrome-like shine that's perfect for that show car engine look. Features Mopar Pentastar logo. Set includes two valve covers, two oil filler caps and baffle package.

- ¹ P5007613 Valve Cover, Cast Aluminum, Polished
- ¹ P4452089 Gasket, Valve Cover Set, Race



A.



B.



C.



D.

VALVE COVERS AND HARDWARE

A. Wide Valve Cover

Five-bolt cover features reversed lip design that allows the cover to be wider on stock production gasket surface. Extra width allows for larger valve springs and longer rocker arms. Mopar Pentastar logo featured on each cover. Use with Stud Package P4876676.

- ¹ P4876124 Valve Cover, Wide, Stock Production Small Blocks and W2/W5/W7/W9 Flanges, Set



A.

B.

Wide Valve Cover Gaskets and Hardware (Not Shown)

- ¹ P4876676 Stud Kit, Valve Cover, W8
¹ P5249581AB Gasket, Valve Cover, Five-Bolt Rubber with Steel Shim Reinforcement, 318/340/360/ "A" Engines up to 1992, Set

B. Valve Cover Accessory Set

Includes 12 chrome-plated screw and washer assemblies, one chrome-plated oil filler cap, and two rubber grommets. Chrome Valve Cover Grommet Set can also be purchased individually.

- P4120272 Valve Cover Accessory Set, Big Block or Small Block
 P5007419 Grommet Set, Valve Cover, Big Block or Small Block



C.

D.

C. Baffle and Screw Package

For cast aluminum valve covers only.

- P5007052 Baffle and Screw Package, Big Block/ Small Block/
 Truck Magnum/Jeep Engines

D. Valve Cover Retaining Screw Set

Package includes 12 retaining screws.

- P5007053 Retaining Screw, Valve Cover, Big Block/Small Block

E. Valve Cover Bolt Kit

Includes 12 chrome-plated bolts for stamped steel and aluminum valve covers.

- P5007458 Bolt Kit, Valve Cover, Big Block/Small Block

Valve Cover Stud Attaching Kit (Not Shown)

Required for use with W8 Cast Aluminum Valve Cover P4876699 (also fits P4876124).

- ¹ P4876676 Stud Kit, Valve Cover, W8



E.

SMALL BLOCK

VALVE COVERS AND HARDWARE

A. Cast Aluminum Valve Cover Chrome Bolt Set

Fit 5.2L/5.9L Magnum valve cover packages P5007617 and P5007618. Designed for cast aluminum valve covers only. Set includes 20 bolts (ten per cover).

P5007620 Bolt Set, Cast Aluminum Valve Cover, Small Block/
5.2L/5.9L Truck Magnum/Jeep Engines

B. Chrome Breather Caps

For use with Mopar cast aluminum valve covers to fill extra valve cover holes. Push-in-style Breather Cap requires the use of Grommet Set P4529882.

- ¹ **P4529881** Breather Cap, Push-In Style
- ¹ **P4529880** Breather Cap, Twist-On, Bottom Vented
- ¹ **P4120446** Breather Cap, with Tube, Chrome
- ¹ **P4529882** Grommet, Rubber, Use with Breather Cap P4529881

C. Cast Aluminum Valve Cover Grommet Set

For cast aluminum valve covers only.

P5007921 Grommet, Die-Cast Valve Cover, Set

VALVES AND VALVE TRAIN HARDWARE

D. Valves

These stainless Valves have swirl-polished underheads with no flat or ski jump areas. Each features a 3/8" stem diameter and one square groove.

- ¹ **P5249187** Valve, Exhaust, 1.60" Diameter, 4.97" Stem Length, 340/360 Small Block
- ¹ **P5249197** Valve, Exhaust, 1.60" Diameter, 5.29" Stem Length, W2/W5 Heads
- ¹ **P5249188** Valve, Exhaust, 1.65" Diameter, 4.97" Stem Length, 340/360 Small Block
- ¹ **P5249198** Valve, Exhaust, 1.65" Diameter, 5.29" Stem Length, W2/W5 Heads
- ¹ **P4876397** Valve, Intake, 1.88" Diameter, 4.98" Stem Length, 340/360 Small Block
- ¹ **P5249185** Valve, Intake, 2.02" Diameter, 4.98" Stem Length, 340/360 Small Block
- ¹ **P5249195** Valve, Intake, 2.02" Diameter, 5.28" Stem Length, W2/W5 Heads
- ¹ **P5249186** Valve, Intake, 2.08" Diameter, 4.98" Stem Length, 340/360 Small Block
- ¹ **P5249196** Valve, Intake, 2.08" Diameter, 5.28" Stem Length, W2/W5 Heads
- ¹ **P5249886** Valve, X-Long, Race, 1.60" Diameter, 5.40" Stem Length
- ¹ **P4876580** Valve, X-Long, Race, 2.15" Diameter, 5.40" Stem Length



A.



B. P4120446



B. P4529880



C.



D.

VALVES AND VALVE TRAIN HARDWARE

A. Valve Seals - Race

Sold in sets of 16.

¹ P3690963AB Valve Seals, Race, 3/8" Stem, 0.530" Guide, Small Block

B. Valve Seals

Made of high-temp Viton material, these Valve Seals feature a full or semi-umbrella shape for best dual-purpose use. Helps prevent oil seepage down valve guides. Not recommended for use with dual valve springs. Sold in sets of 16. Does not apply to 0.530" guide.

¹ P4120492 Valve Seals, 3/8" Stem, Big Block/ Small Block

C. Valve Keepers (Split Locks)

Made from hardened material. Single, double and triple groove styles available to meet your application requirements. Features a 3/8" stem diameter and is available in 7° and 10° angles. Can be used for restoration or performance applications. Set includes 16 pieces (two sets required for V8 engines). See application chart at left.

P4120618 Valve Keepers, 7°, Single Groove

P4286612 Valve Keepers, 10°, Single Groove

¹ P4120619 Valve Keepers, 7°, Double Groove

¹ P4120620 Valve Keepers, 7°, Triple Groove

D. Valve Stem Lash Caps

These lash caps are 0.080" thick and fit between the end of the valve and the rocker arm tip. They are made of hardened steel for improved rocker tip durability. Larger area than stock valve tip to help spread the rocker loads. Sold in sets of 16.

¹ P4120626 Lash Caps, Valve Stem, 3/8" Stem, A/B/RB Engines

¹ P4120635 Lash Caps, Valve Stem, 5/16" Stem, 426 Hemi/ Big Block/ Small Block/ Truck Magnum/Jeep Engines

E. Valve Spring Retainers

Available in two levels of performance: Chrome Moly for heavy-duty applications and Titanium for top-level race performance. Sold individually.

P4452033 Retainer, 3/8", Single, Std Height, Chrome Moly, 7°

P4007178 Retainer, 3/8, Single, Titanium, 7°, 340/360 "LA"

P4120785 Retainer, Titanium, 3/8", Dual, Std Height, 10°

P4286775 Retainer, Titanium, 3/8", Triple, .060" Increase, 10°



A.

B.



C.

C.



D.

E.

Valve Keepers (Split Locks)						
Part Number	Angle	Stem Diameter	Groove	Retainers		Sets
P4120618	7°	3/8"	Single	P4452033, P4007178, Stock		16 Pieces
P4120619	7°	3/8"	Double	P4452033, P4007178, Stock		16 Pieces
P4120620	7°	3/8"	Triple	P4452033, P4007178, Stock		16 Pieces
P4286612	10°	3/8"	Single	P4120785, P4286775		16 Pieces

Questions? Call the Mopar Direct Connection Techline at 1-888-528-HEMI (4364)

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SMALL BLOCK

VALVES AND VALVE TRAIN HARDWARE

A. Valve Springs

High-pressure Valve Springs can be used on exhaust and intake valves for all high-performance applications. They feature a shorter, fully-compressed height and allow for increased valve lift. Springs maintain spring load at higher rpms. A must for high-performance cams. Sold individually. With a single spring, the damper is installed inside the main spring; with a dual spring, the damper is installed between the inner and outer springs. There are no dampers in the triple springs. The retainers listed are the basic recommendation. Check the actual retainer listing for other options: added installed height, materials and lock size.

- ¹ P4286813 Valve Spring, Single, 0.380"/0.450" Lift
- ¹ P4286812 Valve Spring, Single, 0.430"/0.460" Lift
- ¹ P4120249 Valve Spring, Single, 0.430"/0.500" Lift
- ¹ P3690933 Valve Spring, Single, 0.440"/0.500" Lift
- ¹ P5249847 Valve Spring, Single, 0.480"/0.535" Lift
- ¹ P5249848 Valve Spring, Single, 0.480"/0.540" Lift
- ¹ P3614542 Valve Spring, Double, 0.500"/0.610" Lift
- ¹ P3412068 Valve Spring, Double, 0.500"/0.620" Lift
- ¹ P2806077 Valve Spring, Double, 0.500"/0.610" Lift
- ¹ P2946353 Valve Spring, Double, 0.520"/0.700" Lift
- ¹ P4876064 Valve Spring, Double, 0.590"/0.640" Lift
- ¹ P5249849 Valve Spring, Double, 0.650"/0.750" Lift
- ¹ P4007536 Valve Spring, Triple, 0.640"/0.745" Lift



A.

Small Block Valve Springs

Part Number	Installed Height	Description	Wire		Lift Range	Material	Retainer
			O.D.	Diameter			
P4286813	1.65"/1.70"	Single/Damper	1.39"	0.185"	0.390"/0.450"	Chrome Vanadium	P4452033, P4286573
P4120249	1.67"/1.70"	Single/Damper	1.50"	0.206"	0.430"/0.500"	Chrome Vanadium	P4452033
P5249847	1.68"/1.70"	Single/Damper	1.50"	0.207"	0.480"/0.535"	Chrome Silicon	P4452033
P3614542	1.67"/1.70"	Dual/Damper	1.45"	0.185"	0.500"/0.610"	Chrome Silicon	P4452033, P4286573
P3412068	1.68"/1.70"	Dual/Damper	1.46"	0.191"	0.520"/0.620"	Special	P4452033
P4286812	1.83"/1.86"	Single/Damper	1.49"	0.208"	0.430"/0.460"	Chrome Vanadium	P4452033
P3690933	1.83"/1.86"	Single/Damper	1.53"	0.224"	0.440"/0.510"	Chrome Vanadium	P4452033
P5249848	1.83"/1.87"	Single/Damper	1.55"	0.216"	0.480"/0.540"	Chrome Silicon	P4452769, 4289288
P2806077	1.83"/1.86"	Dual/Damper	1.52"	0.215"	0.500"/0.610"	Chrome Vanadium	P4529288, P4120785
P4876064	1.86"/1.88"	Dual/Damper	1.60"	0.216"	0.590"/0.640"	Chrome Vanadium	P4529288, P4120785
P2946353	1.99"/2.0"	Dual/Damper	1.59"	0.224"	0.520"/0.700"	Special	P4120785
P5249849	2.0"/2.02"	Dual/Damper	1.55"	0.216"	0.650"/0.750"	Chrome Silicon	P4120785
P4007536	2.0"/2.02"	Triple	1.62"	0.225"	0.640"/0.745"	Chrome Silicon	P4286775

1. All valve springs are sold individually.
2. On W7 heads and others with x-long valves, like the 5.40" length, the typical installed spring height is 2.00" so only the springs listed above for the 1.99" thru 2.02" installed heights can be used.
3. With a single spring, the damper is installed inside the main spring; with a dual spring, the damper is installed between the inner and outer spring. There is no damper in the triple springs.
4. Retainers listed are the basic recommendation. Check the actual retainer listing for other options-added installed height, materials, lock size.

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ROCKER ARMS, SHAFTS, SUPPORTS, AND HARDWARE

A. Hydraulic Rocker Arm Packages

Features thicker cross-sectional material in pushrod socket area for added durability. Includes 16 heavy-duty hydraulic rocker arms (eight right, eight left), rocker shaft retainers and hold-down bolts. Rocker shafts not included.

- ¹ P4529742 Rocker Arm, Hydraulic, 1.5 Ratio, Standard Heads, package
- ¹ P4529475 Rocker Arm, Hydraulic, Service, 1.5 Ratio, Left, Sold Individually
- ¹ P4529474 Rocker Arm, Hydraulic, Service, 1.5 Ratio, Right, Sold Individually



A.

B. Pro Race Rocker Arm System

Complete rocker arm system made of high-strength aluminum, including shafts and bolts. Designed for high rpm, high load racing applications. Roller tip, needle bearing center pivot. Requires hollow pushrods and tappets for oiling. High-ratio rockers may require grinding on block and head for clearance. Not for street use.

- ¹ P5007470 Rocker Arm Set, 0.550" Offset, 1.6 Ratio, One Head Only, W9



B.

C. Aluminum Rocker Arms, W2 Classic

- Includes 16 rockers and two shafts, appropriate spacers and assembly lube
- Extruded high-strength aluminum body
- Roller tip to reduce internal friction and improved geometry
- Adjustable with lock-nut
- Can be used with hydraulic, mechanical or roller camshafts
- Includes stands
- Fits W2 Classic Cylinder Heads only

- ¹ P5153586 Rocker Arms, Aluminum, W2 Classic

Note: High-ratio rockers may require grinding on block and head for clearance. For use with heads P5153599, and P5153600



C.

Questions? Call the Mopar Direct Connection Techline at 1-888-528-HEMI (4364)

¹ Not legal on pollution-controlled vehicles or vehicles registered for highway use.

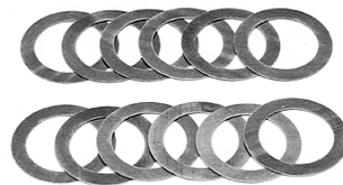
SMALL BLOCK

ROCKER ARMS, SHAFTS, SUPPORTS, AND HARDWARE

A. Mechanical Rocker Arms, Cast Iron/Ductile

Includes 16 rocker arms, eight separator springs, adjusting screws and lock nuts. Features mechanical lash adjustment with lock nut and high-strength cast iron/ductile iron rocker arms. Required with mechanical camshafts, can be used with hydraulic camshafts. Rocker shafts not included. High-ratio rockers may require grinding on block and head for clearance.

- ¹ P4529738 Rocker Arm Package, Cast Iron/Ductile, Mechanical, Standard Heads, 1.5 Ratio, Unbrushed, to 6,000 rpm
- P5153995 Rocker Arm Set, For Large Port Super Commando Head P5153850
- ¹ P5153852 Rocker Arms, Aluminum, Roller, Includes Locks, 3/8" Stud, 1.6:1 Ratio, For Use Only With/Required For Cylinder Head P5153847. Use Pushrod Set P5153848.



A. P4529738

B.

B. Rocker Arm Spacer Set

- P3690896 Rocker Arm Spacer Set, 0.015" Thick, Set
- ¹ P4529741 Rocker Arm Spacer Set, Contains 8 Spacers, Hydraulic Production Style, A-Engine

C. Rocker Arm Adjusting Screw and Nut Set- Small Block

Includes eight screws and nuts.

- ¹ P5007444AB Rocker Arm Screw/Nut Set, 426 Hemi, Big Block, Small Block, 2.2L/2.5L, Slant Six, 3.9L V6

Note that two sets are required for V8 engines.



C.

D.

D. Rocker Shafts

- ¹ P5249091 Rocker Shaft, Aluminum Roller Valve Gear, On-Center; Set of Two
- ¹ P4510636 Rocker Shaft, Hydraulic Valve Gear, On-Center, Sold Individually
- ¹ P4120589 Rocker Shaft, Mechanical Valve Gear, Offset, W2/W5 Heads, Sold Individually
- ¹ P3577086 Rocker Shaft, Mechanical Valve Gear, On-Center, 340 T/A, Sold Individually

E. Rocker Shaft Stands

Machined from T6061 billet aluminum, these high-strength Rocker Shaft Stands securely mount W2/W5 offset rocker shafts. Designed to upgrade cast aluminum rocker stands, these units will not flex, crack or crush. Each set contains ten stands (six narrow and four wide) and mounting bolts.

- ¹ P5249049 Rocker Shaft Stand, Billet Aluminum, W2/W5 Heads



E.

ROCKER ARMS, SHAFTS, SUPPORTS, AND HARDWARE

A. Rocker Shaft Hold-Down

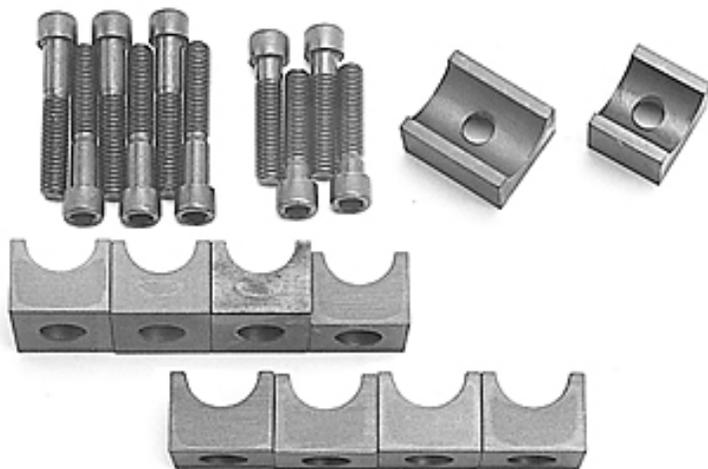
Billet Aluminum Rocker Shaft Hold-Down provides greater rocker shaft stiffness which helps rocker shaft maintain roundness when torque is applied. Roundness is important with mechanical rockers and high spring loads. Anodized blue.

- ¹ P5249712 Rocker Shaft Hold-Down, Standard Small Block Heads
- ¹ P5249713 Rocker Shaft Hold-Down, W2 Heads

B. Rocker Shaft Retainers and Bolts

Package contains previously hard-to-find hold down retainers and bolts necessary to secure both rocker shafts. Manufactured to Mopar original equipment specifications to assure high quality. For use on all cylinder heads with cast-in rocker stands.

- ¹ P4529740 Rocker Shaft Retainers and Bolts



A.

INTAKE MANIFOLDS, HARDWARE, AND GASKETS

C. Single Plane Intakes - Four-Barrel

- ¹ P4876334 Intake Manifold, Aluminum, Single Plane, Four-barrel Carburetor, 1967-91, Standard Heads
- ¹ P5007380 Intake Manifold, Aluminum, Single Plane, Four-barrel Carburetor, 5.2L/5.9L Truck Magnum/Jeep Engines, Magnum Crate Engines
- ¹ P4876829AB Intake Manifold, Aluminum, Single Plane, Four-barrel Carburetor, Large Oval Port, 9.200" Deck, W2 Cylinder Heads
- ¹ P4529408 Intake Manifold, Aluminum, Single Plane, Four-barrel Carburetor, Oval Port, Water Heat 9.600" Deck, W2 Cylinder Heads
- ¹ P4532598 Intake Manifold, Aluminum, Single Plane, Four-barrel Carburetor, Rectangle Port, 9.000" Deck, W7/W8/W9 Cylinder Heads
- ¹ P4876162 Intake Manifold, Aluminum, Single Plane, Four-barrel Carburetor, Rectangle Port, 9.600" Deck, W7/W8/W9 Cylinder Heads



B.



C.

Questions? Call the Mopar Direct Connection Techline at 1-888-528-HEMI (4364)

¹ Not legal on pollution-controlled vehicles or vehicles registered for highway use.

SMALL BLOCK

INTAKE MANIFOLDS, HARDWARE, AND GASKETS

A. Dual Plane Intakes - Four-Barrel

- ¹ P4876335 Intake Manifold, Aluminum, Dual Plane, Four-barrel Carburetor, 1967-91, Standard Heads
- ¹ P5007381 Intake Manifold, Aluminum, Dual Plane, Four-barrel Carburetor, 5.2L/5.9L Truck Magnum/Jeep Engines
- ¹ P5249572AB Intake Manifold, Aluminum, Dual Plane, Four-barrel Carburetor, 9.200" Deck, W2 Cylinder Heads
- ¹ P5249572 Intake Manifold, Aluminum, Dual Plane, Four-barrel Carburetor, 9.600" Deck, W2 Cylinder Heads

B. Dual Plane Intakes - Six Pack

- ¹ P4529054 Intake Manifold, Aluminum, Dual Plane, Six Pack, Rectangle Port (1967-91 Small Block)



A.



B.

Intake Manifold Application Chart

Engine	Cylinder Head	Perf. Level	Carburetor	RPM					
				Range	Resto	Drag Race	Street Rod	RV Truck	Circle Track
273-318	Stock	20-14 sec	4-bbl Dual Plane	Idle-5500	*P4876335	*P4876335	*P4876335	*P4876335	*P4876335
273-318	308 or 576	17-12 sec	4-bbl Dual Plane	Idle-5800	*P4876335	*P4876335	*P4876335	*P4876335	*P4876335
340-360	Stock	15-12 sec	4-bbl Dual Plane	Idle-5600	*P4876335	*P4876335	*P4876335	*P4876335	*P4876335
340-360	308 or 576	—	4-bbl Dual Plane	Idle-5600	*P4876335	*P4876335	*P4876335	*P4876335	*P4876335
318-340-360	Stock	15-11 sec	4-bbl Single Plane	2600-6600	—	*P4876334	*P4876334	*P4876334	*P4876334
318-340-360	308	14-11 sec	4-bbl Single Plane	2600-6600	—	*P4876334	*P4876334	*P4876334	*P4876334
Race — cast iron	308 or 576	—	2- and 4-bbl	—	—	Stock 1967-91	—	—	Stock 1967-91
318-340-360	W2	13-10 sec	4-bbl Single Plane	2600-7000	—	*P4529408	*P4529408	*P4529408	*P4529408
Race — Aluminum (9.20 Deck)	W2	—	4-bbl Single Plane	2800-7200	—	*P4876829AB	—	—	*P4876829AB
Race — Aluminum (9.00" Deck)	W7/W8/W9	—	4-bbl Single Plane	3600-8500	—	*P4532598 or *P5007420	—	—	*P4532598
Race — Aluminum (9.56" Deck)	W7/W8/W9	—	4-bbl Single Plane	3600-8500	—	*P4876162	—	—	*P4876162
Race — Aluminum	W5	—	4500 Single Plane	3500-8000	—	*P5249357	—	—	—
Race — Aluminum	W5	—	4-bbl Single Plane	2800-7500	—	*P5249614	—	—	*P5249614
318-340-360	Magnum	20-12 sec	4-bbl Dual Plane	Idle-5500	*P5007381	*P5007381	*P5007381	*P5007381	*P5007381
318-340-360	Magnum	15-11 sec	4-bbl Single Plane	2600-6600	*P5007380	*P5007380	*P5007380	*P5007380	*P5007380
318-340-360	Stock/308/576	—	6-bbl Dual Plane	Idle-6300	*P4529054	*P4529054	*P4529054	*P4529054	—
318-340-360	W2	14-11 sec	4-bbl Dual Plane	Idle-6000	*P5249572	*P5249572	*P5249572	*P5249572	*P5249572
318-340-360 (9.20" Deck)	W2	14-11 sec	4-bbl Dual Plane	Idle-6000	—	*P5249572AB	—	—	*P5249572AB

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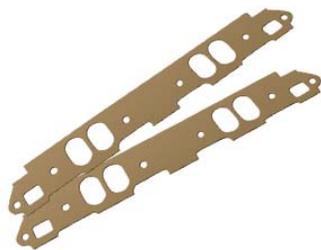
¹ Not legal on pollution-controlled vehicles or vehicles registered for highway use.

INTAKE MANIFOLDS, HARDWARE, AND GASKETS

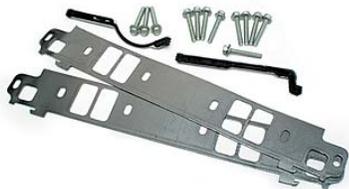
A. Intake Manifold Gasket Sets

Custom-fit for use with Small Block cylinder heads. Complete kit to service one engine including gaskets, end seals, O-rings, and distributor seal (where applicable).

- ¹ P4007570 Gasket, Intake Manifold, 0.055" Thick, Std. "LA" Heads, Set
- ¹ P4452101 Gasket, Intake Manifold, 0.060" Thick, Small Block
- ¹ P4876049 Gasket, Intake Manifold, 5.9L Truck Magnum/Jeep
- ¹ P4120210 Gasket, Intake Manifold, W2 Heads, 0.030" Thick
- ¹ P4120211 Gasket, Intake Manifold, W2 Heads, 0.045" Thick
- ¹ P4007571 Gasket, Intake Manifold, W2 Heads, 0.060" Thick
- ¹ P4876446 Gasket, Intake Manifold, W2 Heads, 0.090" Thick
- ¹ P4876447 Gasket, Intake Manifold, W2 Heads, 0.115" Thick
- ¹ P5249432 Gasket, Intake Manifold, W5 Heads, 0.030" Thick
- ¹ P5249466 Gasket, Intake Manifold, W5 Heads, 0.060" Thick
- ¹ P5249480 Gasket, Intake Manifold, W7 Heads, 0.030" Thick
- ¹ P5249482 Gasket, Intake Manifold, W7 Heads, 0.060" Thick
- ¹ P5007153 Gasket, Intake Manifold, W9 Heads, 0.030" Thick
- ¹ P5007154 Gasket, Intake Manifold, W9 Heads, 0.045" Thick
- ¹ P5007155 Gasket, Intake Manifold, W9 Heads, 0.060" Thick
- ¹ P5007156 Gasket, Intake Manifold, W9 Heads, 0.090" Thick
- ¹ P4286569 Plate, Heat Block-off, with 0.060" thick Gasket, Small Block



A. P4286569



A. P4876049



B.



C.

B. Intake Manifold Attaching Bolts

- ¹ P4876771 Bolt Package, Intake Manifold, 3/8" x 1-5/8", 1967-91 Small Block

C. Bypass Hose

Designed to go from the intake manifold to the water pump. Made of heavy-duty silicone rubber. Includes two clamps.

- ¹ P4876373 Bypass Hose, 1970-91 Small Block
- ¹ P4876374 Bypass Fitting, Intake Manifold, Adapts Bypass Hose to Manifold, 1970-91 Small Block

D. Choke Seal

For dual plane production and aluminum intake manifolds. Package includes choke cup, gasket and two screws. Does not include a choke.

- ¹ P5249639 Choke Seal, Big Block/ Small Block

Heat Block-Off Plate (Not Shown)

Stainless steel Heat Block-off Plate keeps exhaust heat from transferring to the intake manifold for a cooler, denser fuel-air mixture. Gasket included.

- ¹ P4286569 Plate, Heat Block-off, with 0.060" thick Gasket, Small Block



D.

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¹ Not legal on pollution-controlled vehicles or vehicles registered for highway use.

INTAKE MANIFOLDS, HARDWARE, AND GASKETS

A. 360 Magnum Crate Engine Fuel Injection Kit

Mopar now has fuel injection kits available for 380/390/395 horsepower-rated 360 cid Magnum crate engines with automatic or manual transmissions. Installing one of these kits on your powerplant will improve fuel distribution and cylinder filling, resulting in impressive mid-range torque response and horsepower gains over standard carburetion. Mopar 360 Magnum crate engine fuel injection kits come complete and provide excellent throttle response, driveability and improved fuel economy. Developed in collaboration with Mopar Action Magazine.

Features:

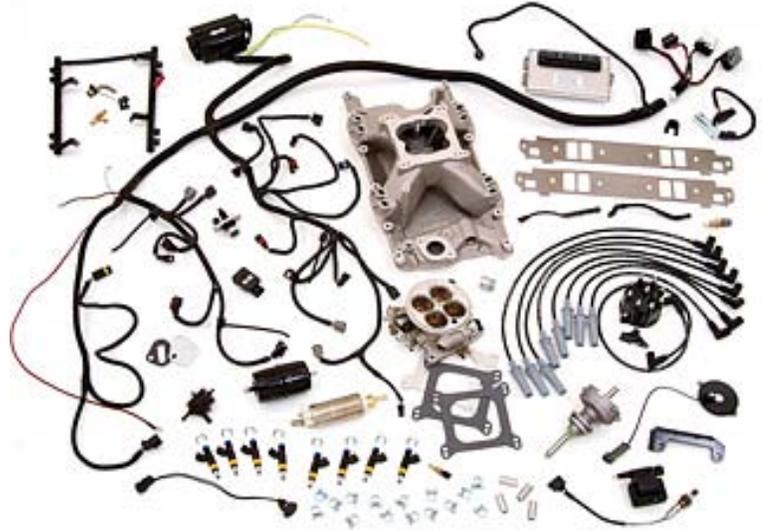
- Factory-engineered "Plug 'n Play" wiring harness for easy installation
- JTEC engine controller with unique calibration
- Intake manifold assembly with 1,000 cfm four-barrel throttle body, fuel rail and 33 lbs./hr. fuel injectors
- External electric fuel pump, filter and fuel regulator
- Distributor, ignition wires and coil
- Complete set of new OEM sensors
- Engineered for Mopar 360 Crate Engines: P5249499, P5155074, P4510851, P5153475, P5007646

¹ **P5153590** Fuel Injection Kit, Automatic Transmission, 380/390/395 hp 360 Magnum Crate Engine

¹ **P5153731** Fuel Injection Kit, Manual Transmission, 380/390/395 hp 360 Magnum Crate Engine

Note: Requires use of P4876706 Flex Plate or 143-tooth Magnum Flywheel 53020585 or Dual Trigger Distributor.

IMPORTANT NOTICE: This device is not legal for use on pollution-controlled vehicles certified for use on streets or highways. Once this device is installed, use of the vehicle on a street or highway is a violation of the Clean Air Act, potentially subjecting the operator and the installer to civil penalties of up to \$32,500 per vehicle depending on the circumstances.



A.



A.



B.



C.



D.



E.



F.



G.

OILING COMPONENTS

A. Oil Pans

Includes a factory-engineered and approved Oil Pan and pickup, drain plug and washer. Center sump-style is used on passenger car applications, while the rear sump-style is used for pickups. Mopar Windage Trays may be used if desired.

- ¹ P5249061 Oil Pan, Five-quart, Center Sump, 273/318/340 Small Block
- ¹ P5249059 Oil Pan, Five-quart, Center Sump, 360 Small Block and 5.9L Magnum
- ¹ P5249062 Oil Pan, Five-quart, Rear Sump, 273/318/340 Small Block
- ¹ P5249060 Oil Pan, Five-quart, Rear Sump, 360 Small Block and 5.9L Magnum

B. Oil Pan Bolt Set

- P4120613 Bolt Set, Oil Pan, 426 Hemi, Big Block/ Small Block

C. Oil Pan Gaskets

- ¹ P4452097 Gasket, Oil Pan, 1970-90 318/340 Small Block
- ¹ P4007573 Gasket, Oil Pan, 360 Small Block
- ¹ P5007631 Gasket, Oil Pan, Aluminum A- Engines
- ¹ P4452093 Gasket, Oil Pan, Race, 360 Small Block
- ¹ P4007572 Gasket, Oil Pan, Reusable, 318/340 Small Block

D. Oil Pickup and Screen Assemblies

Factory original reissued Oil Pickup and Screen Assembly. Standard pickups are 3/8".

- ¹ P4529563 Oil Pickup and Screen Assembly, Center Sump Pans P5249059 and P5249061 (Small Block)

E. Oil Pressure Relief Spring

Increases engine oil pressure over stock spring for high-performance applications. Delivers up to 70 lbs. of oil pressure. Includes a cap and instructions.

- ¹ P3690944 Oil Pressure Relief Spring, Small Block/ 2.2L/2.5L/ 3.9L V6, Set

F. Windage Tray Package

Designed to provide improved engine lubrication by reducing the interior windage at higher engine speeds. Includes Windage Tray and mounting hardware (mounting hardware also available separately).

- ¹ P4529790 Windage Tray Package, 318/340/360 Small Block
- ¹ P3690939 Hardware Kit, Windage Tray, 318/340/360 Small Block

G. Oil Pump Assembly

This high-output oil pump assembly provides a 25% increase in oil volume. Ideal replacement for stock pump in high-performance applications.

- ¹ P4286589 Oil Pump Assembly, Small Block, 3.9L V6

SMALL BLOCK

OILING COMPONENTS

A. Distributor Drive Gear Assemblies

Features hardened tip shaft with full radius blend from hex to round and pinned gear.

¹ P3690874 Distributor Drive Gear, Billet Roller Cam, Aluminum-Bronze Gear

¹ P3690715 Distributor Drive Gear, HD

Tube and Peen Tool Package (Not Shown)

Blocks off oil to right-side tappet bores. Required for race engines with high-lift roller cams.

¹ P4120603 Tube and Peen Tool Package (Small Block)

B. Right Angle Oil Filter Adapter Kit

Allows 90° rotation of the oil filter. Made of aluminum and provides necessary clearance for headers, engine swaps, etc. Filter not included.

¹ P5249624AB Oil Filter Adapter, Right Angle

¹ P5249320 Gasket, for Oil Filter Adapter P5249624AB

¹ P5007515 Mounting Screw, for Oil Filter Adapter, P5249624AB

C. Oil Pump Priming Shaft

Don't fire up that engine without pre-lubing (priming) it thoroughly with oil. Special hardened steel shaft fits on any 3/8" or larger drill. Insert shaft into hole where distributor fits. Pressurizes oil galleries to ensure against dry starts and subsequent engine damage. Fits all V8 engines.

P4286800 Shaft, Oil Pump Priming

D. Chrome Dipstick and Tube

¹ P4349628 Dipstick and Tube, Chrome, Center Sump Pan, Small Block Passenger Cars

E. High Performance Oil Filter

Engineered to meet the demands of heavy-duty and high-performance applications. Black with Mopar Pentastar logo.

P4452890 Oil Filter, High-Performance, Black Finish

F. Oil Filter - Race

High-performance, heavy-duty Race Oil Filter has a thicker canister with high burst strength. Black with Mopar Pentastar logo.

P4529190 Oil Filter, Black Finish, 426 Hemi, Big Block, Small Block, Race



A.

B.



C.

D.



E.

F.



A.



B.



C. P4876548



D.



E.



OILING COMPONENTS

A. Restoration Oil Filters

Mopar has reissued these service replacement Restoration Oil Filters used in the 1960s and 1970s. The white filter was used from the 1960's throughout the 1970's. The high-performance white filter (P4529805) was recommended for use in competition from 1965-74. These filters may not fit some V8 applications (those after 1972 requiring short filters).

- P4529806 Oil Filter, Black with Yellow Mopar logo, 1962-66 V8, Restoration
- P4529187 Oil Filter, White With Blue Stripe, 426 Hemi/Big Block/Small Block, Restoration
- P4529805 Oil Filter, White with Red Stripe, High-Performance, Restoration

COOLING SYSTEMS

B. Water Pumps

Mopar Aluminum Water Pumps feature basic high flow designs. The six-blade pump is recommended for use with cast iron cylinder heads and for drag racing applications. The eight-blade pump is recommended for use with aluminum cylinder heads and for circle track applications. Passenger side lower hose inlet (1970 and up Small Block).

- ¹ P5249558 Water Pump, Aluminum, 6-Blade
- ¹ P5249559 Water Pump, Aluminum, 8-Blade

C. Water Pump, Race

Mopar Race Aluminum Water Pumps provide extra high flow. Must be used with Sand Cast Race Timing Cover P4876632 (NASCAR Only) and Motor Plate.

- ¹ P4876548 Water Pump, Aluminum, Race, use with Timing Chain Cover P4876632

D. Chrome Bolt Package for Water Pump

Engine chrome dress-up projects just aren't complete without chrome bolts.

- ¹ P4529256 Bolt Package, Chrome, Water Pump, 1969-92 "A" Engine

E. Chrome Thermostat Housing

This high-quality housing is made of heavy-duty material. Includes gasket and two chrome bolts.

- ¹ P4452025 Water Neck, Chrome, 1979-93, V8 and V6
- P4286759 Water Neck, Chrome, Up To 1978, V8

SMALL BLOCK

COOLING SYSTEMS

A. 90 Degree Thermostat Housing

Cast aluminum housing provides greater flexibility in routing cooling system hoses and improves the appearance of the engine compartment. Features three-direction capability -- ideal for compact engine compartments.

P5249191 Thermostat Housing, 90 Degrees

B. Thermostat

Heavy-duty Mopar Thermostat can handle increased heat management duties in high-performance engines. Replacement gasket included.

¹ **P4876307** Thermostat, 180 Degree, 426 Hemi/Big Block/Small Block/Slant Six Engines, Up to 1978

¹ **P4876308** Thermostat, 195 Degree, 1979 and Up

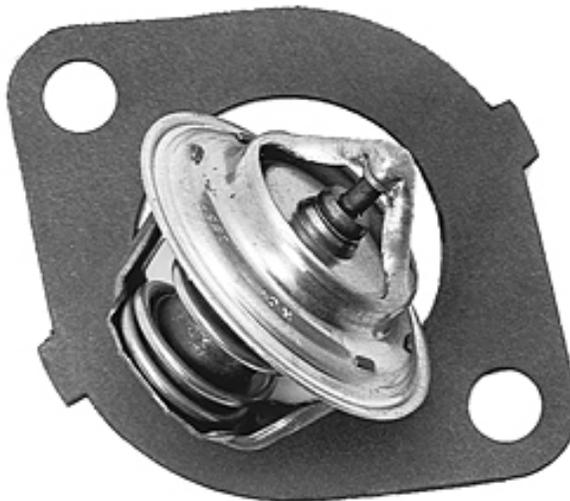
C. Viscous Fan Package

Most late 1960s and early 1970s factory-built muscle cars were equipped with viscous fans for cooling purposes. This package provides thermostatically controlled cooling and includes a lightweight balanced fan. Offers up to 15 horsepower gain on typical high-performance V8s. 15" fan blade 3 1/4" deep.

¹ **P4120758** Viscous Fan Package, 18" fan. 3.25 Pitch



A.



B.

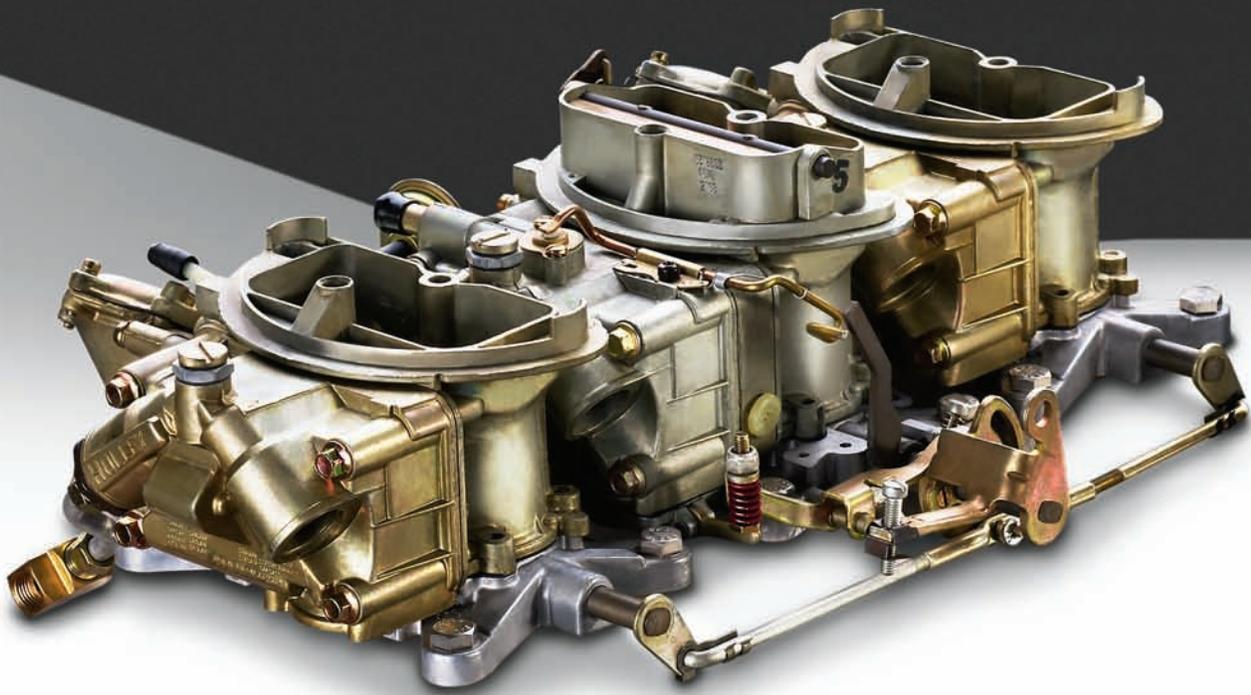


C.

AUTHENTIC PERFORMANCE™



FUEL SYSTEMS



PERFORMANCE

FUEL SYSTEMS

CARBURETORS AND HARDWARE

A. Holley Universal Carburetor

Features universal calibration, a manual choke, center-hung bowls and vacuum secondary.

- ¹ P4349228 Holley Universal Carburetor — R3310, 750 cfm (Big Block and Small Block)

B. Carburetor

- ¹ P4510358 Carburetor, 5.7L Hemi Crate Engine, Holley 600 cfm

Dual Quad Carburetor and Linkage Kit (Not Shown)

Includes two 500 cfm AVS-style carburetors, linkage and fuel lines. Use with Dual Quad Intake P5153556.

- ¹ P5153904 Includes two 500 cfm AVS Carburetors and Related Linkage. Use with Intake P5153556.

C. Holley Cross Ram Carburetors

Holley Carburetors were the "go fast" choice for the legendary Super Stock 426 Hemi® engine. Mopar brings back these original equipment Holley carburetors for 1964, 1965 and 1968 race Hemis. These are exact reissues of the original carburetors. Airflow is 770 cfm.

- ¹ P4452779 Carburetor, Cross Ram, Left, 1964–65, 1968 Race 426 Hemi
¹ P4452778 Carburetor, Cross Ram, Right, 1964–65, 1968 Race 426 Hemi

D. Cross Ram Carburetor Air Horns

For use with Holley Cross Ram Carburetors. Perfect for Super Stock competition or restoration. Sold as a pair (front and rear).

- ¹ P5007809 Air Horns, 1964-65 426 Hemi, 1968 Super Stock 426 Hemi

E. Cross Ram Linkage

Use with Hemi® Cross Ram Intake Manifold (P5007534) and Holley Carburetors (P4452778 and P4452779). Refer to the Hemi sections of this catalog for more information.

- ¹ P4510635 Linkage, Cross Ram, 426 Hemi

F. Tall Throttle Bracket

Used to attach the throttle cable to Mopar M1® Single Plane Intake Manifolds or when using a 1-inch carb spacer.

- P4510318 Throttle Bracket, Tall, Big Block

G. Carburetor Kickdown Bracket

Use with Automatic Transmission Kickdown Cable (P4510646). Refer to Automatic Transmission section of this catalog for more information.

- P4510319 Kickdown Bracket, Carburetor, Big Block



A.



B.



C.



D.



E.



F.



G.

CARBURETORS AND HARDWARE

A. Max Wedge Intake Linkage Package

For use with Max Wedge Intake Manifold (P5007330) with Carter AFB Carburetors or Edelbrock Performer Series Carburetors.

¹ P5153567 Linkage Package, Intake

B. Tall Return Spring Bracket

Use on Mopar M1® Single Plane Intake Manifold applications or when using a 1-inch carb spacer.

¹ P4510646 Throttle Return Spring Bracket, Tall, Big Block

C. Thin Carburetor Adapter

Designed with air/fuel flow technologies in mind versus ease of machining. Tested and used by top engine builders, these adapters are only 1/16-inch thick and allow the use of square bore carburetors on spread bore manifolds.

¹ P5007869 Carburetor Adapter, Thin, Big Block/ Small Block

D. Accelerator Return Spring Bracket

Designed for Magnum Crate Engines with four-barrel carburetor intake manifolds. Developed to hold accelerator pedal return spring in proper relationship to carburetor.

¹ P4876313 Bracket, Accelerator Return Spring, 4-bbl, 300/380/395/435/Magnum Crate Engines

E. Cable Mounting Bracket

Designed to hold the stock throttle cable to Mopar Performance Magnum Intake Manifold. Will hold throttle cable in proper relationship to carburetor. Includes hardware.

P4876314 Bracket, Throttle Cable, Used with Magnum V8 W/CARB, Single Plane 4BBL

¹ P4876850 Mounting Bracket, Cable, Magnum 300/ 380/ 395/ 435 Crate Engines with Carburetor

F. Holley Service Gasket Set

This handy carburetor service gasket set includes everything required to service and performance-tune your Holley. Package includes only the necessary parts for proper servicing of the following: primary bowl, primary metering block, secondary bowl, secondary metering block/plate gaskets, required bowl screw O-rings and fuel transfer tube O-rings.

¹ P4349304 Holley Service Gasket Set — 2-bbl, R4412 and 7448, 340/440/Hemi Six Pack, Holley Cross Ram

G. Hemi Throttle Cable

A performance throttle cable for Street Hemi applications. Includes the retaining clip and a plug to finish the installation.

¹ P4529112 Throttle Cable, 19 3/4" Long, 1968–70 Hemi B-Body



A.



B.



C.



D.



E.



F.



G.

Questions? Call the Mopar Direct Connection Techline at 1-888-528-HEMI (4364)

¹ Not legal on pollution-controlled vehicles or vehicles registered for highway use.

FUEL SYSTEMS

VAPOR SEPARATOR

Vapor Separator (Not Shown)

77R06295 Vapor Separator, 1968-71 440/426 HEMI

SIX PACK INDUCTION SYSTEMS

Some of the fastest vehicles of the muscle car era were powered by Six Pack powerplants. Mopar now offers the components to restore or build your own Six Pack car.

A. Six Pack Holley Carburetors

These carburetors are exact reissues of the original equipment Six Pack. Order one center and two outboard carburetors to match your engine. Six Pack "A" engines use intake manifold P4529054. Six Pack "RB" engines use intake manifold P4529056. Refer to the Big Block and Small Block sections of this catalog for more information.

- ¹ P4349237 Carburetor, Holley, Center 1971 "RB" Six Pack, Manual Transmission
- ¹ P4349235 Carburetor, Holley, Center, 1969-70 "B"/"RB" Six Pack
- ¹ P4349241 Carburetor, Holley, Center, Small Block Six Pack, Automatic Transmission
- ¹ P4349239 Carburetor, Holley, Outboard, "B" Six Pack and Small Block Six Pack
- ¹ P4349236 Carburetor, Holley, Outboard, 1969-70 "RB" Six Pack
- ¹ P4349238 Carburetor, Holley, Outboard, 1971 "RB" Six Pack

B. Six Pack Secondary Diaphragm Set

For use with Holley Six Pack two-barrel outboard carburetors. Sold individually.

- ¹ P4349321 Secondary Diaphragm Set, Six Pack

C. Six Pack Gasket Set

Set features O.E. gaskets made exactly the way they were in the early 1970s and includes three premium quality air cleaner and carburetor-to-manifold gaskets. Fits all six-barrel applications.

- ¹ P4529060 Gasket, Six Pack, Set

D. Six Pack Choke Thermostat Assembly

Reproduction O.E. Choke Thermostat Assembly. Fits all production six-barrel applications.

- ¹ P4529185 Choke Thermostat Assembly, Six Pack

E. Six Pack Fuel Line Kit

This exact reproduction of the O.E. Six Pack fuel lines includes two fuel tees and the four fuel tubes.

- P4529264 Fuel Line, Six Pack



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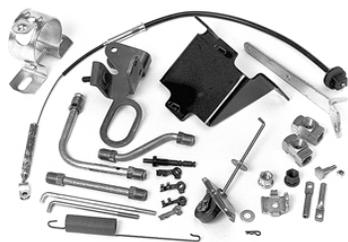
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F.



G.

SIX PACK INDUCTION SYSTEMS

A. Six Pack Installation Kits

Mopar carries a full line of six-barrel components for both Small Block and Big Block applications, right down to these installation kits. Kits include throttle cables, fuel lines, coil brackets, linkage kit, choke, nuts, springs and washers. Buy the six-barrel carburetors, manifold and air cleaner, then install them with this complete O.E. reproduction kit.

P4529059 Six Pack Installation Kit, Big Block

P4529058 Six Pack Installation Kit, Small Block

B. Six Pack Linkage Kit

Perfect for repair or restoration projects. Kit includes front carb rod, rear carb rod, front and rear clips, adjusting pivot, throttle cable, bolt, nut, clip and washer assembly.

P4529061 Linkage Kit, Six Pack

C. Six Pack Throttle Cable

This performance cable includes the retaining clip and a plug to finish the installation.

P4529111 Throttle Cable, 1970-71 Six Pack E-Body and 1971 Six Pack B-Body

D. Six Pack Air Cleaner Lids

Top off your Six Pack with a Mopar air cleaner lid. Designed and produced to factory specifications for the perfect finish.

P4529748 Air Cleaner Lid, Chrome, Six Pack

P2946393 Air Cleaner Lid, Orange, Six Pack

E. Six Pack Air Cleaner Assembly Kits

This low-profile, high-flow air cleaner tops off the Six Pack system. Kits include metal base, orange lid, studs, nuts, gaskets and air filter. They were designed specifically for 1970-71 B- and E-body vehicles, but they can be used for other vehicle applications as well.

¹ P5007737AB Air Cleaner Kit, Cold Air, 1970 440 Six Pack with Air Grabber or Ramcharger Hood Scoop

¹ P4529057AB Air Cleaner Kit, Non-Cold Air, Six Pack

F. Six Pack Restoration Air Filter Element

¹ P4529965AB Air Filter, Resto Six Pack and Hemi

G. Air Cleaner Wing Nut

Judges notice everything, right down to the wing nut on your air cleaner. This exact factory reproduction guarantees you won't lose valuable judging points the next time you're at the Mopar Nationals. Sold individually.

¹ P4532033 Wing Nut, Air Cleaner, V-8

FUEL SYSTEMS

FUEL PUMPS AND HARDWARE

A. Mechanical Fuel Pumps

Provides higher delivery rate than stock at 80 gph @ 8.7 psi. unless otherwise stated.

- ¹ P4007039AB Fuel Pump, Mechanical, 426 Hemi/ Big Block
- ¹ P4529368 Fuel Pump, Mechanical, 65 GPH at 6.5 to 8 PSI Running at 800 RPM, A-Engine
- ¹ P4007040 Fuel Pump, Mechanical, Small Block

B. Moly-Coated Fuel Pump Eccentric

The moly coating on this Fuel Pump Eccentric significantly reduces friction and wear.

- ¹ P4120484 Fuel Pump Eccentric, Moly-Coated, Small Block

C. Carter Electric Fuel Pump

This high-volume pump provides a delivery rate of 72 gph @ 7.0 psi.

- ¹ P4007038 Fuel Pump, Electric, Carter

D. Chrome Fuel Pump Block-Off Plate

Covers the hole created when removing the mechanical fuel pump for replacement with electric pump. Gasket included.

- ¹ P5007546 Block-Off Plate, Fuel Pump, Chrome

AIR SYSTEMS

E. Cast Air Cleaner Systems

Features a black cast aluminum lid with the Mopar Pentastar logo to match the style of the cast aluminum Mopar valve covers. Includes 12-3/4-inch x 2-3/4-inch element.

- ¹ P5249807 Air Cleaner, Cast, Hemi/ Big Block/ Small Block/ 5.2L/5.9L Magnum/Jeep Engines

F. Replacement Air Cleaners

These are original-style (unsilenced) Replacement Air Cleaners, as found on 1968-69 340, 383 and 440 high-performance engines. Air cleaners are offered in chrome-plated. The chrome air cleaner is available with or without a breather tube. All air cleaner packages come with a base plate, filter element, base-to-carb gasket, air cleaner stud and chrome-plated wing nut. These air cleaners provide better airflow to help produce more horsepower than most aftermarket air cleaners. To top off your air cleaner, add one of Mopar's original style engine identification plates.

- ¹ 77R06313 Air Cleaner, Chrome, 426 HEMI "Chrome Dome"
- ¹ P4529025 Air Cleaner, Chrome, with Breather Tube, 383/440 Big Block/ 340 Small Block
- ¹ P4529002 Air Cleaner, Chrome, without Breather Tube, 383/440 Big Block/340 Small Block
- ¹ P2863349 Air Filter Element, Replacement



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E. P5249807



F.

AIR SYSTEMS

A. Engine ID Plates

Most cars equipped with 340, 383 or 440 engines rolled out of the assembly plant with an Engine Identification Plate on top of the air cleaner. Mopar has 21 different original style plates to cover all engines that were available during the muscle car era. The proper selection of engine ID plates is as follows: 1967-68 Red; 1969-71 Orange. Plates to cover engines that were not available in the 1960s and 1970s are also available (318 four-barrel, 360 four-barrel, 440 four-barrel, Hemi four-barrel and 360 Magnum).



A.

P4876415	Engine ID Plate, Orange, 318 4-bbl
P4529083	Engine ID Plate, Orange, 340 4-bbl
P4876416	Engine ID Plate, Orange, 360 4-bbl
P4876414	Engine ID Plate, Orange, 360 Magnum
P4529085	Engine ID Plate, Orange, 383 Magnum
P4529073	Engine ID Plate, Orange, 383 Road Runner
P4876417	Engine ID Plate, Orange, 440 4-bbl
P4529071	Engine ID Plate, Orange, 440 Magnum
P4529079	Engine ID Plate, Orange, 440 Super Commando
P4529077	Engine ID Plate, Orange, Chrysler TNT 440
P4876448	Engine ID Plate, Orange, Hemi 4-bbl
P4529081	Engine ID Plate, Orange, Super Commando 383
P4529084	Engine ID Plate, Red, 340 4-bbl
P4529075	Engine ID Plate, Red, 383 4-bbl
P4529086	Engine ID Plate, Red, 383 Magnum
P4529074	Engine ID Plate, Red, 383 Road Runner
P4529072	Engine ID Plate, Red, 440 Magnum
P4529080	Engine ID Plate, Red, 440 Super Commando
P4529078	Engine ID Plate, Red, Chrysler TNT 440
P4529076	Engine ID Plate, Red, Commando 383
P4529082	Engine ID Plate, Red, Super Commando 383

FUEL SYSTEMS

FUEL SYSTEMS/INJECTION COMPONENTS

A. Fuel Injection Kit, 5.7L Hemi

Use this complete kit to convert a 2003-05† 5.7L Hemi into an MPI crate engine ready for an older classic car or truck. Includes all gaskets and hardware necessary for installation.

Features:

- Factory engineered "Plug 'n Play" wiring harness for easy installation
- NGC engine controller with unique calibration
- Intake manifold assembly complete with injectors
- Special top-feed, cable-driven throttle body accepts most early factory Mopar air cleaners
- MAP and air temperature sensors

¹ P5153340AB Fuel Injection Conversion Package, Carbureted, 2003-08 5.7L Hemi, 5.7L Truck Front Cover

¹ P5153339AB Fuel Injection Conversion Package, EFI, 2003-05 5.7L Hemi, 5.7L Truck Front Cover

† 2003 5.7L Hemis require the 2004-05 fuel rails and injectors.

IMPORTANT NOTICE: This device is not legal for use on pollution-controlled vehicles certified for use on streets or highways. Once this device is installed, use of the vehicle on a street or highway is a violation of the Clean Air Act, potentially subjecting the operator and the installer to civil penalties of up to \$32,500 per vehicle depending on the circumstances.



A.

FUEL SYSTEMS/INJECTION COMPONENTS

A. 360 Magnum Crate Engine Fuel Injection Kit

Mopar now has fuel injection kits available for 380/390/395 horsepower-rated 360 cid Magnum crate engines with automatic or manual transmissions. Installing one of these kits on your powerplant will improve fuel distribution and cylinder filling, resulting in impressive mid-range torque response and horsepower gains over standard carburetion. Mopar 360 Magnum crate engine fuel injection kits come complete, and provide excellent throttle response, drivability and improved fuel economy. Developed in collaboration with Mopar Action Magazine.

Features:

- Factory-engineered "Plug 'n Play" wiring harness for easy installation
- JTEC engine controller with unique calibration
- Intake manifold assembly with 1,000 cfm four-barrel throttle body, fuel rail, and 33 lbs./hr. fuel injectors
- External electric fuel pump, filter and fuel regulator
- Distributor, ignition wires and coil
- Complete set of new OEM sensors
- Engineered for Mopar 360 Crate Engines: P5249499, P5155074, P4510851, P5153475, P5007646

- ¹ P5153590 Fuel Injection Kit, Automatic Transmission, 380/390/395 hp 360 Magnum Crate Engine
- ¹ P5153731 Fuel Injection Kit, Manual Transmission, 380/390/395 hp 360 Magnum Crate Engine

Note: Requires Use of P4876706 Flex Plate or 143 Tooth Magnum Flywheel 53020585 or Dual Trigger Distributor.

B. Electric Fuel Pump

- ¹ P5153688 Fuel Pump, Electric, Service part for 360 Fuel Injection Kits

C. Billet Fuel Rail - 392/5.7L/6.1L

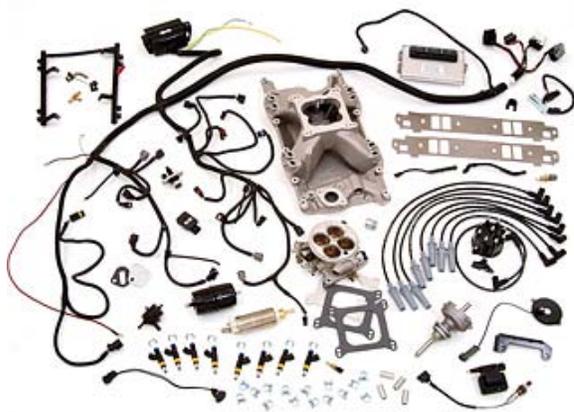
Anodized Aluminum rails with flexible fuel crossover line and adjustable fuel pressure regulator.

- ¹ P5153783 Fuel Rail, Billet Aluminum, 5.7L/6.1L/392 Hemi

D. Throttle Body

80 mm Manual (cable operated) Throttle Body. Uses production idle air controller and TPS sensor. The P5153689 can also be used on 5.7L Hemi plastic truck intake if using a programmable EMS.

- ¹ P5153689 Throttle Body, 80mm Bore with Manual Cable Actuation, 392 Hemi/6.1L/5.7L
- ¹ P4510363 Throttle Body, Four-barrel, 5.7L Hemi Engine



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D.

Questions? Call the Mopar Direct Connection Techline at 1-888-528-HEMI (4364)

¹ Not legal on pollution-controlled vehicles or vehicles registered for highway use.




MOPAR.

440

AUTHENTIC PERFORMANCE™



IGNITION AND ELECTRONICS



PERFORMANCE

IGNITION AND ELECTRONICS

DISTRIBUTORS AND HARDWARE

A. Vacuum Advanced Electronic Distributors

Features a high-performance advance curve and an adjustable vacuum advance unit. Includes cap and rotor.

- ¹ P3690431 Distributor, Vacuum Advance, Electronic, 383/400 Big Block
- ¹ P3690432 Distributor, Vacuum Advance, Electronic, 426 Hemi/ 426 Wedge/ 413/ 440 Big Block
- ¹ P3690430 Distributor, Vacuum Advance, Electronic, Small Block

Billet Aluminum Electronic Distributor (Not Shown)

One-piece Billet Aluminum Electronic Distributors designed for street, bracket and oval track applications.

- ¹ P5249775 Distributor, Billet Aluminum, Electronic, 426 Hemi / "RB" Engines
- ¹ P5249776 Distributor, Billet Aluminum, Electronic, Small Block

B. Dual Pickup Billet Distributor

Developed and tested in conjunction with the NASCAR Truck programs. This distributor features an extended 6061-T61 billet housing for increased bearing support, two sealed ball bearings and two magnetic pickups. Perfect for racing applications. Not for use in production engines. Requires dry sump oiling system.

- ¹ P4876735 Distributor, Billet, Dual Pickup, (Replacement Cap P4120886)

C. Chrome Distributor Hold-Down Clamps

Under the hood every detail matters, and chrome is the perfect enhancement. Add to your underhood atmosphere with heavy-duty Chrome Distributor Hold-down Clamps and chrome-plated bolts. Sold individually.

- ¹ P4349279 Hold-Down Clamp, Distributor, Chrome, 426 Hemi/ Big Block
- ¹ P4349278 Hold-Down Clamp, Distributor, Chrome, Small Block

D. Distributor Adapter Set

Use this Distributor Adapter Set to adapt a "RB"/Hemi Distributor to a "B" Engine.

- ¹ P3690275 Distributor Adapter Set, RB to B Engines

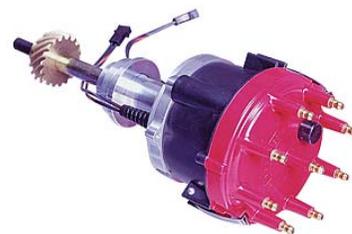
E. Distributor Advance Weight Springs

Use these Distributor Advance Weight Springs to convert stock distributor and Mopar Performance electronic distributors built prior to 2001 to quick advance curve. Package contains two springs.

- ¹ P2932675 Distributor Advance Weight Springs



A.



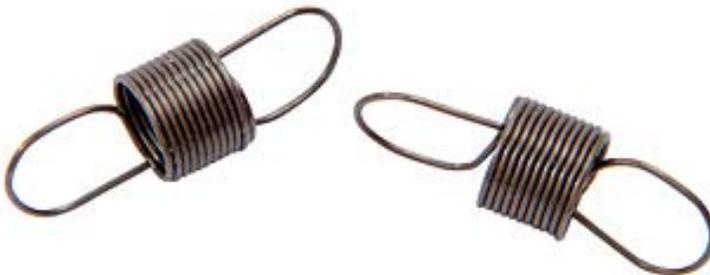
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E.

DISTRIBUTORS AND HARDWARE

A. Timing Curve Adjustment Kit

Kit contains six different primary springs, three different secondary springs and two degree key sets, allowing you to adjust timing to your performance needs. For use in parts: P3690426, P3690427, P3690428, P3690430, P3690431, P3690432, P5249775, P5249776, P5249777, P5249778, P5249779, P5249780. With detailed instructions.

¹ P5153446 Timing Curve Adjustment Kit

Note: Timing curve adjustment kit . Fits most Mopar Performance distributors shipped after September 2004.

B. Distributor Cap and Rotor Sets

¹ P4120886 Distributor Cap and Rotor, Mechanical Tachometer, Drive Distributor: 426 Hemi/ Big Block/ Small Block and O.E.M Dual Point Distributors

¹ P5007856 Distributor Cap and Rotor, for Distributors P3690430-2, 426 Hemi/ Big Block/ Small Block and O.E.M Single Point and Electronic Distributors

C. Distributor Cap, O.E. Replacement

Replacement for the original tan-colored distributor cap used in Chrysler high-performance V8 muscle cars of the late 1960s and early 1970s (sold individually).

¹ P4529791 Distributor Cap, Original Replacement, For Single Point Distributors, Big Block/Small Block

D. Intermediate Shaft Bushing

P1737725 Intermediate Shaft Bushing, V6 and V8

E. Pickup Coil and Lead Assembly

Serves electronic and mechanical tach drive distributors.

P5153576 Reluctor and Coil Pick Up, Used with Billet Aluminum Distributors

ELECTRONIC IGNITION SYSTEMS

F. Electronic Ignition Conversion Kits

Now available to convert old point-type ignitions to electronic ignitions. Modern magnetic impulse ignition systems have many advantages over breaker-type ignition systems. They require fewer tune-ups, increase secondary voltage, improve starting, eliminate irregular timing and dwell change with engine speed, and increase plug life. Packages include vacuum advance electronic distributor with high-performance advance curve, wiring harness, electronic control unit, ballast resistor and installation instructions.

¹ P3690427 Electronic Conversion Kit, 383/400 Big Block

¹ P3690428 Electronic Conversion Kit, 426 Hemi, 426 Wedge, 413/440 Big Block

¹ P3690426 Electronic Conversion Kit, Small Block



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F.

IGNITION AND ELECTRONICS

ELECTRONIC IGNITION SYSTEMS

A. Capacitive Discharge Ignition Controllers

Features multi-spark capability below 3,000 rpm and 115 millijoules per spark. Can be triggered with the use of a magnetic pickup or by breaker points. Each contains built-in, soft-touch rev control. P4876729 is potted in clear silicone elastomer for added vibration protection and equipped with a six-pin Weatherpak connector, as specified by NASCAR.



A.

- ¹ P4876728 Ignition Controller, MSD 6AL, Capacitive Discharge, V6/V8
- ¹ P4876729 Ignition Controller, MSD 6ALN, Capacitive Discharge



B.

B. Drag Race Ignition Controller

Features 14,000 rpm capability with built-in rev control (supplied with 7,000, 8,000, 9,000 rpm limits) and 115 millijoule spark energy. Produces 480-volt output on primary windings and is compatible with two- and three-step module selectors, timing controls and crank triggers. Can be used with Mopar Performance coils, P4876732, P4876733 or P4876734.

- ¹ P4876731 Ignition Controller, MSD 7AL-2, Professional Drag Race, V8

C. Orange Electronic Control Unit

For general high-performance use up through 6,000 rpm.

- ¹ P4120505 ECU, Orange, Hemi/ Big Block/ Small Block



C.

D. Chrome Electronic Control Unit

For a hotter spark, use this general high-performance control unit (up through 8,000 rpm).

- ¹ P4120534 ECU, Chrome, Hemi/ Big Block/ Small Block



D.

E. Super Gold Electronic Control Unit

The culmination of years of high-performance ignition system development. Designed to outperform any ignition unit previously offered to Mopar racers, it will handle the high current demand by the high-performance coil (P3690560), while keeping dwell variation to less than 1° from 1,000 to 10,000 rpm. Dwell is set for maximum spark output at low or high engine speeds. The Super Gold ECU provides outstanding performance from idle to 12,000 rpm.

- ¹ P4120600 ECU, Super Gold, Race Only, Hemi/ Big Block/ Small Block



E.

ELECTRONIC IGNITION SYSTEMS

A. Electronic Ignition Update Set

Contains lightweight advance springs to recurve the electronic ignition distributor for quicker spark advance and high-performance control unit. Kit includes P4120505 and P2932675 (Orange Electronic Control Unit and Spring Package).

¹ P4007968 Electronic Ignition Update Set, Hemi/ Big Block/ Small Block



B. Control Unit Wiring Harness Kit

Use this harness to service a missing or worn ECU-to--distributor harness.

P3690152 Wiring Harness, Control Unit, For Electronic Ignitions, Hemi/ Big Block/ Small Block

C. Ignition Switch

If your ignition switch needs replacing, don't install an old, used piece. Replace it with a brand-new unit from Mopar. This ignition switch is an exact reproduction and it perfectly replaces your old unit with no modifications necessary.

03747092 Ignition Switch, 1970-74 B/C/E-Body, 1970-76 A-Body

D. Transmission Neutral Safety Switch

P5007747 Neutral Safety Switch, 3-Prong, 1985-Present A-727/A-904, (Short)

P2932820 Neutral Safety Switch, Transmission, Fits 1969-84 A-727 and A-904 Torqueflite applications (Long)

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BATTERY INSTALLATION

E. Rear-Mounted Battery Kit

Use this kit to move the battery to the rear of the vehicle, for improved weight distribution and less clutter in the engine compartment. Helps provide better traction and contributes to improved braking and less understeer in hard turns (for oval track and rally racers). Kit will fit most vehicles. Includes battery box with lid, battery hold-down bracket, battery cable, hold-down bolts, and wire terminals. Does not include battery.

P4349500AB Battery Kit, Rear Mount, All RWD Applications

F. Battery Tray

Replace that rusty or missing battery tray with a new Mopar restoration unit. Manufactured to exact O.E. specifications, this tray comes e-coated to protect it from chemical and moisture exposure. This tray fits all 1970-74 E-body and 1971-74 B-body applications.

P2925322 Battery Tray, 1970-74 E-Body/ 1971-74 B-Body, Restoration

E.

F.



IGNITION AND ELECTRONICS

BATTERY INSTALLATION

A. Battery Hold-Down Nut

P3151736 Battery Hold-Down Nut, Fits all 1962-1974 A/B/E-Body Applications.

BALLAST RESISTORS

B. Restoration Dual Ballast Resistor

The sharpest eyes will spot the correct ballast resistor on a restoration project. This Mopar Ballast Resistor is a reissued factory original as used on 1972 and later OEM electronic ignitions with four-pin dual ballast resistors.

¹ **P4529795** Ballast Resistor, Dual, Restoration

C. Ballast Resistors - Electronic Distributor

¹ **P2444641** Ballast Resistor, for Mechanical Advance Distributor, Using P3690560 and P4876832-33 Coils, 1/4 OHM, Race Only

¹ **P5206436** Ballast Resistor, for P4120505 Production and P4120889 Coils, 1 OHM

IGNITION WIRES AND SPARK PLUGS

D. Ignition Wire Set - 8 mm

Mopar's custom Ignition Wire Set is specifically made for high-performance use. It features a suppression core for general high-performance applications. Wires are blue with the Mopar name imprinted along the wire. Use P4529032, plus eight insulators and boots (P4120808) on Hemi engines.

P4529032 Wire Set, Spark Plug, 8 mm, Suppression Core, Hemi/ Big Block/ Small Block

E. Ignition Wire Sets - 8 mm, Pre-Cut

These pre-made Ignition Wire Sets are designed with factory-attached cap and plug ends. They are constructed with either a radio suppression core for high-performance street use or a metallic core for racing applications. Wrapped in 8 mm heat-resistant insulation to maintain maximum voltage.

P5007408 Wire Set, Spark Plug, 8 mm, Metallic Core, Big Block

P5007407 Wire Set, Spark Plug, 8 mm, Radio Suppression Core, Big Block

P5007405 Wire Set, Spark Plug, 8 mm, Radio Suppression Core, Small Block

F. Ignition Wire Set - 7.5 mm, Pre-Cut

This blue Ignition Wire Set includes high-tech-style boot ends at both the distributor and plug ends of the wire. Imprinted with the Mopar name and the cylinder number.

P4876775 Wire Set, Spark Plug, 7.5 mm, 426 Hemi



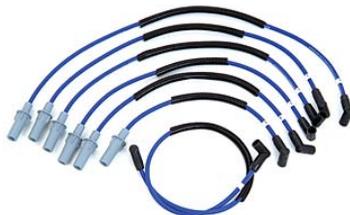
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IGNITION WIRES AND SPARK PLUGS

A. Ignition Wire Set, Restoration

Just like O.E., carbon suppression wires are manufactured in the right color with the right lettering and each includes the correct spark plug boot. Set contains eight ignition secondary wires and one coil wire.

P4529792 Wire Set, Spark Plug, Orange, 1971 & Prior 383/440 Big Block, Restoration.

P4529797 Wire Set, Spark Plugs, Orange, 340 Small Block, Restoration

B. Ignition Wire Separator Set

Includes eight pieces. Fits 7.5 mm wire.

P4007667 Wire Separator, Spark Plug, Set of eight (8).

C. Hemi Insulator and Boot Kit

Kit to service one cylinder (eight required per engine). Use with 8 mm ignition wire set P4529032.

P4120808 Insulator and Boot Kit, Hemi

D. Plug Tube and Seal Set

Includes eight special spark plug tubes and tube seals, as used on 426 Hemi engines.

P4120294 Plug Tube and Seal Set 426/ 472/ 528 Hemi

E. Spark Plug Wire Removal Tool

Here's the tool you need for easy removal of spark plug wires without pulling the wire out of the terminal end and boot.

P5249718 Spark Plug Wire Removal Tool

F. Universal Fit Spark Plug Wire Loom

Works with 7 mm or 8 mm wire. Includes four 1/4" mounting studs (20 tp). Not for use with cast aluminum valve covers.

P5007481 Loom, Spark Plug Wire, Universal Fit

G. Spark Plugs

Bosch Motorsports Spark Plugs are specifically designed for optimal performance of your Mopar engine. Sold in sets of four.

¹ **P4876926** Spark Plug, FR 8 DCX, Hemi/ Small Block

¹ **P4876927** Spark Plug, WR 9 FC, Big Block



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G.

Questions? Call the Mopar Direct Connection Techline at 1-888-528-HEMI (4364)

¹ Not legal on pollution-controlled vehicles or vehicles registered for highway use.

IGNITION AND ELECTRONICS

COILS

A. Ignition Coil, Restoration

For you purists out there, Mopar offers this Restoration Ignition Coil. An exact reproduction of the original factory black unit, right down to the vintage Mopar logo. If your coil is over ten years old, replace it with this brand-new piece.

- ¹ **02495531** Ignition Coil, Black with Vintage Mopar Logo, 1972-78 Small-Block/Big-Block/Hemi, Restoration

B. Blaster Coils

These high-performance cylindrical Blaster Coils are oil-filled. They feature 100:1 turns ratio, threaded-stud primary connection and conventional "socket-style" tower. Designed for high-performance street and race applications. Use 1/4-ohm ballast resistor P2444641 when used with ignition kits P3690426, P3690427, P3690428.

- ¹ **P4876732** Blaster Coil, Black, for Controllers P4876728-29, V8
¹ **P4876733** Blaster Coil, Chrome, for Controllers P4876728-29 and P4876731 (V8)

C. Ignition Coil, High Performance

For all 12-volt applications. Not recommended for engine speeds over 6,500 rpm. Use 1-ohm ballast resistor P5206436.

- ¹ **P4120889** Ignition Coil, Super, Hemi/ Big Block/ Small Block

D. Pro Power Blaster Coil

Features a unique design shape that is potted with urethane and special windings for fast rise time characteristics required for high rpm. Designed for short drag race applications only. Use with Drag Race Ignition Controller (P4876731).

- ¹ **P4876734** Blaster Coil, Pro Power, Race V8

E. Ignition Coil, Race

Specifically designed to be used with race-only electronic ignition kits. Not recommended for continued operation at speeds below 3,000 rpm for more than 30-minute periods. Use 1/4-ohm ballast resistor P2444641.

- ¹ **P3690560** Coil, Race, V8

F. Coil Bracket

Another underhood piece to dress up your engine compartment. Includes a special clamp screw.

- P4286728** Coil Bracket, Chrome, V8 and 6-cyl.



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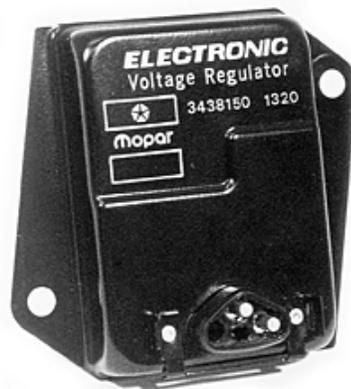
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A.



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C.



D.

STARTERS

A. Lightweight Starters

These specially-designed starter motors with heavy-duty features for V8 applications need no adapters. Weighing approximately 7 lbs. complete, these units are lighter than the previous Mopar Performance lightweight starter, half the weight of the original 1960s-70s vintage production starter, and one inch shorter. May require header/exhaust/block modifications on some applications.

¹ P5007860 Starter, Lightweight, 426 Hemi/ Big Block

¹ P5249644AB Starter, Lightweight, Small Block

VOLTAGE REGULATORS

B. Voltage Regulator, Constant Output

To ensure your ignition and electrical systems can provide maximum performance, install a Mopar Constant Output Voltage Regulator. Voltage is held at a constant 13.5 volts. For race applications only.

¹ P3690731 Voltage Regulator, Constant Output, 1970 and Newer V8, Race

¹ P3690732 Voltage Regulator, Constant Output, to 1969, Race

C. Voltage Regulator, O.E. Muscle Car

For restoration or repair, Mopar offers this factory reissue of the Voltage Regulator as used on muscle cars of the early 1970s. The regulator is black with the original Mopar part number imprinted in yellow. Contains modern electronics.

¹ P4529794 Voltage Regulator, Muscle Car, O. E.

D. Tach Adapter

Designed for applications when high-capacitive discharge coils interfere with tachometer or fuel injection signals. Provides a clear 12-volt square wave signal output with a 30% duty cycle.

P4876738 Tachometer Adapter, V8

IGNITION AND ELECTRONICS

IGNITION AND ELECTRONICS

A. EMS, Programmable

"Plug 'n Play" Engine Management Systems (EMS)

These engine management systems will forever change the way you look at and perform fuel injection tuning! User-friendly Windows™-based software (XP, 2000, NT, 98, 95 and ME) makes the task of copying, viewing and manipulating data as simple as a click of the mouse. User-defined templates are easily configurable and enable tuners to establish "quick keys" to any pertinent information during the tuning process. The infinitely adjustable Mopar EMS software allows tuners to program virtually any combination of engine control, power adders and auxiliary devices, and accurately deliver proper amounts of fuel and correct ignition timing for virtually any engine configuration or operating condition. Mopar's programmable engine management system is capable of adapting to almost any vehicle using "flying lead" wiring harness (available separately). We are confident that this is the most versatile, powerful, and comprehensive universal engine management program available for your Mopar!

Unique features found in Mopar's universal EMS also include ten independent, built-in peak and holder injector driver channels, direct drive ignition and dual wideband UEGO controllers. Specially configured injector drivers enable users to utilize either low impedance injectors with a true 4/1 peak and hold injector drive circuit as well as saturated injector drivers for use with high impedance injectors. The direct drive ignition feature allows users to drive a coil directly from the ECU without the need for an igniter or ignition module. A unique, dual-channel wideband UEGO controller is an essential tuning tool that provides accurate monitoring and tuning of air/fuel ratios (AFR) on heavily modified high-performance engines. In addition, the controller incorporates dual-channel, definable knock sensor control for superior engine protection and tuning flexibility.

¹ P5153608 EMS, Programmable, Carbureted Applications

¹ P5153528 EMS, Programmable, EFI Applications

IMPORTANT NOTICE: This device is not legal for use on pollution-controlled vehicles certified for use on streets or highways. Once this device is installed, use of the vehicle on a street or highway is a violation of the Clean Air Act, potentially subjecting the operator and the installer to civil penalties of up to \$32,500 per vehicle depending on the circumstances.



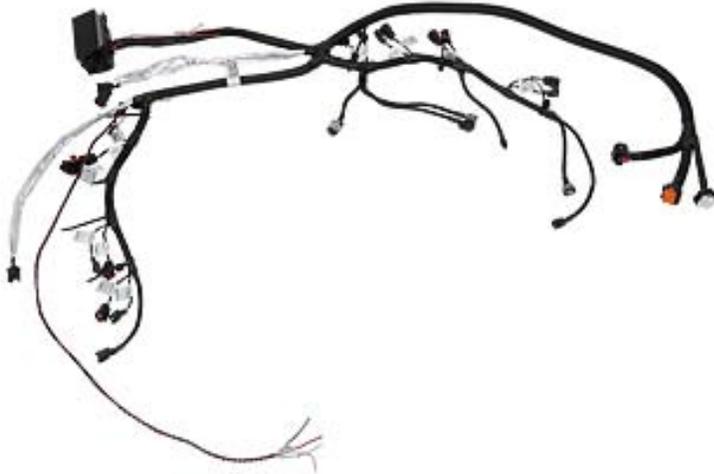
A.

IGNITION AND ELECTRONICS

EMS, Non-programmable (Not Shown)

- ¹ P4510816 EMS, Non-Programmable, Carbureted, 5.7L Hemi Engine
- ¹ P4510342 EMS, Non-Programmable, EFI, 5.7L Hemi Engine

IMPORTANT NOTICE: This device is not legal for use on pollution-controlled vehicles certified for use on streets or highways. Once this device is installed, use of the vehicle on a street or highway is a violation of the Clean Air Act, potentially subjecting the operator and the installer to civil penalties of up to \$32,500 per vehicle depending on the circumstances.



A/B.

A. Engine Wiring Harness, Programmable

Mopar Performance stand-alone engine harnesses are designed to provide everything you need to properly wire your car in one simple configuration. Each master wiring harness includes built-in fuses and relays for fans, pumps, auxiliary power, and more. Harness has bundle identifiers for easy identification and installation to production Mopar sensors. Secure, "bolt-in" plug mates to Mopar EMS controller and eliminates any chance of separation. Each harness incorporates flying-lead UEGO branches, allowing custom positioning of both left and right UEGO sensors.

- ¹ P5153607AB Wiring Harness, Programmable, for use with 392 / 6.1L / 5.7L Hemi with Carbureted Intake, 2006-up Coils
- ¹ P5153530AB Wiring Harness, Programmable, for use with 392 / 6.1L / 5.7L Hemi with Production Intake and Manual Single Blade Throttle Body (P5153689) and 2006-up Coils. (5.7L Truck Manifold May Require Wire Length Modification)
- ¹ P5153606AB Wiring Harness, Programmable, for use with 5.7L Hemi with Carbureted Intake and 2003-05 Coils
- ¹ P5155529AB Wiring Harness, Programmable, for use with 5.7L Hemi, with Four-Barrel Throttle Body (P4510363) and Four-barrel EFI Intake (P4510582) and 2003-05 Coils.

B. Engine Wiring Harness, Non-Programmable

- ¹ P4510357 Wiring Harness, Non Programmable, for use with 5.7L Hemi with Carbureted Intake and 2003-05 Coils
- ¹ P4510356 Wiring Harness, Non Programmable, for use with 5.7L Hemi with Four-barrel Throttle Body (P4510363) and Four-barrel EFI Intake (P4510582), 2003-05 Coils

IGNITION AND ELECTRONICS

IGNITION AND ELECTRONICS

EMS Kit, Programmable (Not Shown)

- ¹ P5153920 EMS Kit, Programmable, with Control Unit and Harness, for use with 392/6.1L/5.7L Hemi with Carbureted Intake and 2006 and newer Coils. Contains P5153607AB and P5153608
- ¹ P5153916 EMS Kit, Programmable, with Control Unit and Harness, for use with 5.7L Hemi with Carbureted Intake and 2003-05 Coils. Contains P5153606AB and P5153608
- ¹ P5153917 EMS Kit, Programmable, with Control Unit and Harness, for use with 5.7L Hemi with four-barrel Throttle Body (P4510363) and four-barrel EFI Intake (P4510582) and 2003-05 Coils. Contains P5155529AB and P5153528
- ¹ P5153921 EMS Kit, Programmable, with Control Unit and Harness, for use with 6.1L/392 EFI Kit. Contains P5155068 and P5155065.

IMPORTANT NOTICE: This device is not legal for use on pollution-controlled vehicles certified for use on streets or highways. Once this device is installed, use of the vehicle on a street or highway is a violation of the Clean Air Act, potentially subjecting the operator and the installer to civil penalties of up to \$32,500 per vehicle depending on the circumstances.

A. EMS Accessories

- 04606487AB** ACT Sensor, For Use With Hemi Applications
- ¹ P5153783 Fuel Rail, Billet Aluminum, 5.7L/6.1L/392 Hemi
- P5155068** Hall Effect EMS & Electric Speedometer Sender. Sixteen pulse per revolution. Hall effect sender. 7/8-18 thread. .104 x .104 square drive key, with mechanical pass through for cruise control.
- 04861552AC** IAC Motor, For Use With Hemi Applications
- 56041018AD** MAP Sensor, For Use With Hemi Applications
- ¹ P5155065 Pin Connector Kit (5 pre-terminated wires) for adding inputs/outputs to the Mopar Programmable EMS Units
- ¹ P5153628 Power Steering Eliminator, 6.1L/392 Hemi
- 05017479AA** TPS, For Use With Hemi Applications
- ¹ P5153730 UEGO Sensor, Wideband, Use with Mopar Programmable EMS Systems and Crate Engines

ALTERNATORS

Alternator Brackets (Not Shown)

- ¹ P2206445 Alternator Bracket, 426 Hemi/ Big Block



A.



A.



A.



A. P5153730

AUTHENTIC PERFORMANCE™



AUTOMATIC TRANSMISSION



PERFORMANCE

AUTOMATIC TRANSMISSION

FLEX PLATES AND HARDWARE

A. Flex Plates - 7/16" Bolts

- ¹ P5153795 Flex Plate - Non-SFI-approved for use with eight-bolt Crank Flange
- ¹ P4529752AB Flex Plate, SFI-approved for use with eight-bolt Crank Flange
- ¹ P4529751AB Flex Plate, SFI-approved for use with six-bolt Crank Flange
- ¹ P5153753 Flex Plate, SFI-approved. Use to adapt 727/904 type automatic transmissions to the new 5.7L, 6.1L and 392 Hemi blocks.

Flex Plates - 5/16" Bolts (Not Shown)

- ¹ P5007378 Flex Plate, RWD, 8-Bolt Crank, Stroker Cranks

B. Flex Plate Screw Packages

Includes crank screws (eight for eight-bolt cranks; six for six-bolt cranks) and four converter screws.

- ¹ P4120464 Screws, Flex Plate, eight-bolt Crank, 7/16" Converter, Hemi/ Big Block/ Small Block/ Slant Six, 3.9L V6
- ¹ P4876820 Screws, Flex Plate, six-bolt Crank, 5/16" Converter, Hemi/ Big Block/ Small Block/ Slant Six, 3.9L V6
- ¹ P4120465 Screws, Flex Plate, six-bolt Crank, 7/16" Converter, Hemi/ Big Block/ Small Block/ Slant Six, 3.9L V6

SHIFTERS AND SHIFT IMPROVEMENT KITS

C. RWD Shift Improver Packages

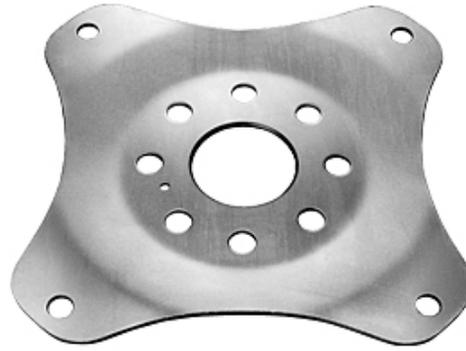
Enjoy firmer, quicker shifts with these Shift Improver Packages. On 1971-86.5 A-727/A-904 transmissions, the part-throttle kickdown is retained. For general purpose or high-performance use.

- ¹ P4349469AB Shift Improver Package, to 1986.5, A-727
- ¹ P4007899 Shift Improver Package, to 1986.5, A-904/ A-998/ A-999

D. Overdrive Shift Improver Package

Now you can enjoy firmer, quicker shifts with this Overdrive Shift Improver Package. On the A-500 and A-518 lockup overdrive automatic transmissions used in RWD trucks, the part-throttle kickdown function is retained along with the full shift pattern. Kit is designed for general purpose or high-performance applications.

- ¹ P5249641 Shift Improver Package, Lockup and Non-Lockup, 1990-95 A-518



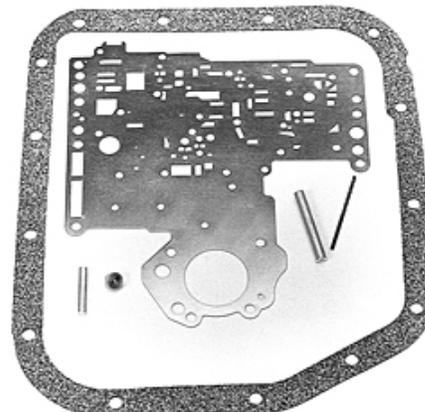
A. P4529752AB



B.



C.



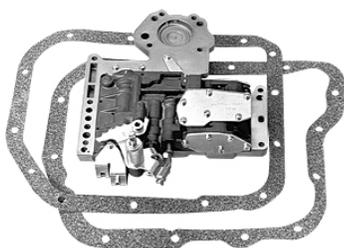
D.

SHIFTERS AND SHIFT IMPROVEMENT KITS

A. Shift Improver Packages

These packages offer firmer, quicker shifts for better performance and quicker elapsed times. Packages come complete with all necessary parts, spacer gaskets, pan gasket and simple instructions. For serious performance and race applications. Non-lockup applications only.

- ¹ P4529087 Shift Improver Package, 1962-70 A-727, 1971-73 A-904, 6-cyl.
- ¹ P4529088 Shift Improver Package, 1971-73 A-727, 1971-73 A-904



A.

B.

AUTOMATIC TRANSMISSION COMPONENTS

B. Valve Body Assembly

Eliminates 2-3 shift overlap and has reverse pattern manual shift action. Fits all 1966-76 Mopar transmissions and 1966-83 non-lockup transmissions. For race use only.

- ¹ P4007291 Valve Body Assembly, 1966-83, A-727, A-904

C. Transmission Neutral Safety Switch

- P5007747 Neutral Safety Switch, 3-Prong, 1985-Present A-727/A-904, (Short)
- P2932820 Neutral Safety Switch, Transmission, Fits 1969-84 A-727 and A-904 Torqueflite applications (Long)



C.

D.

D. Transmission Lockup Solenoid Connector

When removing or installing an automatic transmission, the Lockup Solenoid Connector can become damaged or broken. Not to worry! Mopar now carries this previously hard-to-find replacement part for your A-727 or A-904 automatic transmission.

- ¹ P4348719 Lockup Solenoid Connector, Transmission, 1967-78 A-727 and A-904

E. Kickdown Cable

For engine and transmission swaps when production kickdown linkage will not work or is not available.

- 77R06161 Kick Down Cable, Torqueflite, Kit
- ¹ P4510645 Kickdown Cable, Single 4-bbl Applications



E.

F.

F. Automatic Transmission Filter Spacer

Extruded aluminum Automatic Transmission Filter Spacer for RWD applications. One inch thick and machined with O-ring groove and three mounting screw holes.

- ¹ P4510054 Filter Spacer 1.00", Automatic Transmission

AUTOMATIC TRANSMISSION

TRANSMISSION OVERHAUL KITS

A. Transmission Overhaul Kits, Performance

Packages include factory original equipment transmission seals, filters, gaskets, rings, bands and discs.

- P5007843 Overhaul Kit, Transmission, Heavy Duty, 1987-97 A-500
- P5007845 Overhaul Kit, Transmission, Heavy Duty, 1990-97 A-518/A-618
- P5007844 Overhaul Kit, Transmission, High Performance, 1987-97 A-500



A.

B. Transmission Overhaul Kits, General Purpose

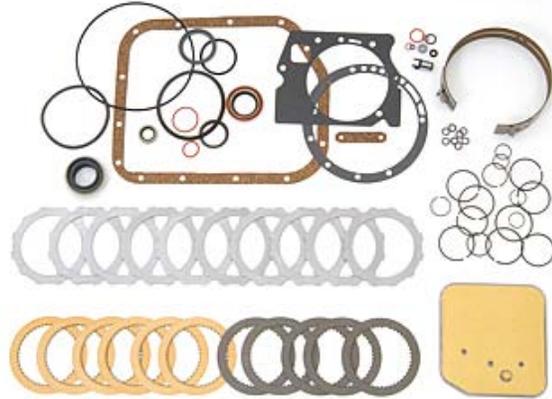
Intended for general purpose street or drag strip usage. Friction materials are factory-quality, O.E. parts manufactured through Raybestos. Adequate for dual purpose applications. Low/reverse band is not included, since wear is usually minimal and does not require replacement.

- ¹ P5007172 Overhaul Kit, Transmission, A-727
- ¹ P5007568 Overhaul Kit, Transmission, A-904/A-500

Transmission Overhaul Kits, Race (Not Shown)

Recommended for strip use only. Aggressive Kevlar-lined front drum flex band (steel drum only) and Raybestos blue plate special racing front and rear clutch plates distinguish these from general performance overhaul kits.

- ¹ P5007171 Overhaul Kit, Transmission, Race, A-727
- ¹ P5007569 Overhaul Kit, Transmission, Race, A-904/A-500



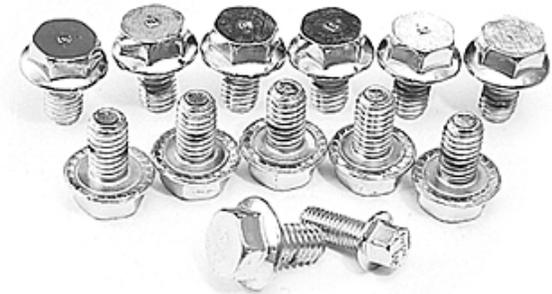
B.

TRANSMISSION PAN GASKET AND HARDWARE

C. Transmission Attaching Bolts, Chrome

Fits all automatic transmission assemblies.

- P4452785 Bolt Package, Chrome, A-904/ A-727/ A-500/ A-518

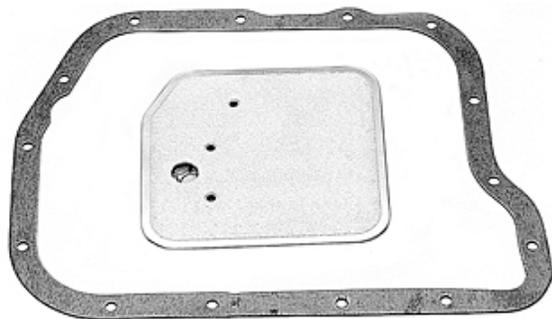


C.

D. Transmission Gasket and Filter Packages

All the parts you need for changing the fluid in your automatic transmission.

- P4120461 Filter and Gasket, Transmission, Automatic, A-727
- P4120462 Filter and Gasket, Transmission, Automatic, A-904/A-999
- P3690855 Gasket, Transmission, A-727



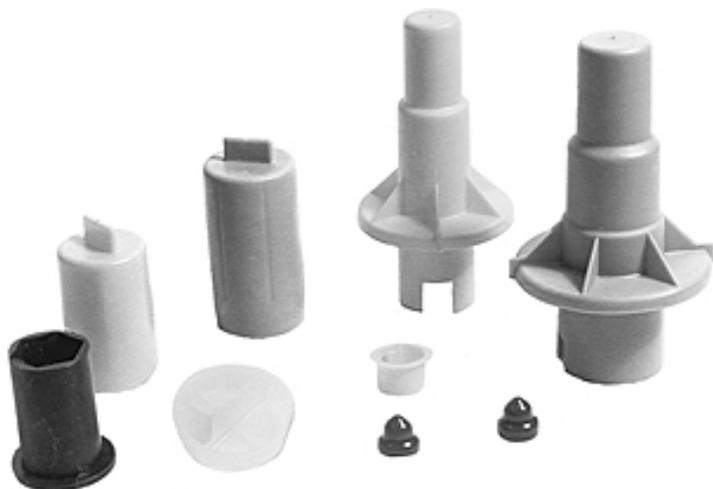
D.

TRANSMISSION PAN GASKET AND HARDWARE

A. Transmission Plug and Cap Package

Package contains plastic plugs and caps to prevent unwanted dust and dirt from getting into a transmission during storage or transport.

P4120280 Plug and Cap Package, Transmission, A-500/ A-518/ A-727/ A-904/ A-998/ A-999



A.

TORQUE CONVERTERS AND HARDWARE

B. Torque Converters, Lockup

These performance Torque Converters have higher stall speeds than production units, but aren't as expensive as aftermarket race units. The higher stall speed offers better throttle response and a quicker launch. Refer to chart for Stall Speed specs.

- ¹ **P4529403AB** Torque Converter, Lockup, 1900-2100 Stall Speed, 1967-92 A-904
- ¹ **P5007291AB** Torque Converter, Lockup, 1900-2100 Stall Speed, 1993-96 A-904
- ¹ **P5007293AB** Torque Converter, Lockup, 1900-2100 Stall Speed, 1996 and newer A-500
- ¹ **P5007298AB** Torque Converter, Lockup, 1900-2100 Stall Speed, A-518
- ¹ **P4876947AB** Torque Converter, Lockup, 1900-2100 Stall Speed, A-727
- ¹ **P5007290AB** Torque Converter, Lockup, 2250-2350 Stall Speed, 1967-92 A-904
- ¹ **P5007292AB** Torque Converter, Lockup, 2250-2350 Stall Speed, 1993-96 A-904
- ¹ **P5007294AB** Torque Converter, Lockup, 2250-2350 Stall Speed, 1996 and newer A-500
- ¹ **P5007299AB** Torque Converter, Lockup, 2250-2350 Stall Speed, A-518
- ¹ **P5007297AB** Torque Converter, Lockup, 2250-2350 Stall Speed, A-727



B.

Questions? Call the Mopar Direct Connection Techline at 1-888-528-HEMI (4364)

¹ Not legal on pollution-controlled vehicles or vehicles registered for highway use.

Race Torque Converters Performance Econo Torque Converters

General Desc.	Speeds	Lock-Up	FR Drive	Attach Lub	145K	166K	175K
Up to 1992 A904	3	No	Slot	Off-set	P4876806AB	P4876876AB	P4876877AB
Up to 1995 A727	3	No	Slot	Off-set	P4876870AB	P4876878AB	P4876879AB

Note: The torque converters above fit all the A904 and A727 3-speed non lock-up transmissions built from 1967-90. They do not fit lock-up transmissions and the newer models. Recommended for Muscle Cars from 1966-76, street rods, street machines, and drag race cars and trucks. Refer to the "Usage Chart" for specific information. Performance converters are considered 10" converters and measure approximately 10-1/2". The "stall speed" listed is an estimate based on a typical performance vehicle and tends to vary from engine to engine and car to car. The "K" factor is a better, more reliable method of comparing converters.

Performance Lock-Up Torque Converters

General Desc.	Speeds	Lock-Up	FR Drive	Attach Lub	145K	166K	175K
1987-92 A904	3	Yes	Slot	Off-set	P4529403AB	P5007290AB	NA
1993-96 A904	3	Yes	D-Drive	Off-set	P5007291AB	P5007292AB	NA
1986-up A904	3	Yes	D-Drive	Symmetrical	P5007293AB	P5007294AB	NA
1987-95 A727	3	Yes	Slot	Off-set	P4876947AB	P5007297AB	NA
1986-up A727	3	Yes	Slot	Symmetrical	P5007298AB	P5007299AB	NA

Note: The torque converters above fit only the A904/A500 and A727/A518 lock-up transmissions listed. They do not fit non lock-up transmissions and the newer models. Refer to the "Usage Chart" for specific information. Performance converters are considered 10" converters and measure approximately 10 1/2". The "stall speed" listed is an estimate but lock-up converters tend to vary more than non lock-up units do. Note the specific years for the lock-up applications. Production has changed several major features that make lock-up converters non-interchangeable.

Torque Converter Engine Usage

	Hemi	
	5.2L Magnum	440 6-BBL and Heavy Rod
	Slant 6, 3.9L V6	400, 440 Cast Crank
	383, 440 Forged Crank	360 Cast Crank (71-92)
Basic Description	273, 318, 340 Forged Crank	340 Cast Crank
		93-01 360 Magnum
All Mopar Converters	No extra weights	Add P4120241
		Add P5249643

Torque Converter Usage by Valve Lift Factor

Engine	Valve Lift	Torque Converter	General Usage
Hemi	Up to 0.499"	150K	Dual Purpose
	0.500"-0.530"	166K	General Bracket
	0.531" and up	175K and Up	Serious Brackets
440	Up to 0.481"	145K	Dual Purpose
	0.482"-0.520"	166K	General Bracket
	0.521" and up	175K and up	Serious Brackets
383	Up to 0.450"	145K	Dual Purpose
	0.451"-0.481"	166K	General Bracket
	0.482" and up	175K and up	Serious Brackets
360	Up to 0.481"	145K	Dual Purpose
	0.482"-0.520"	166K	General Bracket
	0.521" and up	175K	Serious Brackets
318/340	Up to 0.450"	145K	Dual Purpose
	0.451"-0.481"	166K	General Bracket
	0.482" and up	175K and Up	Serious Brackets

Torque Converter Usage by "K" Factor

Application	318/340	360	383/400	440
Stock — Performance	120-145K	120-145K	120-145K	120K
Street — Performance	166-175K	145-166K	166-175K	145-166K
Street — Strip	175K	166-175K	175K	166-175K
Bracket Race	175-230K	175-230K	175-200K	150-150K
Race	250-265K	240-255K	250-265K	240-255K
	260-275K-W2	260-275K-W2		

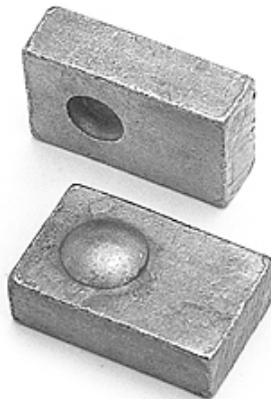
Note: 145K = 1900-2100 stall speed; 166K = 2250-2350 stall speed; 175 = 2400-2500 stall speed.



A.



B.



C.



D.

TORQUE CONVERTERS AND HARDWARE

A. Torque Converters, Econo

These performance Torque Converters have higher stall speeds than production units, but aren't as expensive as aftermarket race units. The higher stall speed offers better throttle response and a quicker launch. Refer to chart for Stall Speed specs.

- ¹ **P4876878AB** Torque Converter, Econo, 1250-2350 Stall Speed, A-727
- ¹ **P4876877AB** Torque Converter, Econo, 1400-2500 Stall Speed, 1967-92 A-904
- ¹ **P4876805AB** Torque Converter, Econo, 1900-2100 Stall Speed, 1967-92 A-904
- ¹ **P4876870AB** Torque Converter, Econo, 1900-2100 Stall Speed, A-727
- ¹ **P4876876AB** Torque Converter, Econo, 2250-2350 Stall Speed, 1967-92 A-904
- ¹ **P4876879AB** Torque Converter, Econo, 2400-2500 Stall Speed, A-727
- ¹ **P5007293AB** Torque Converter, Lockup, 1900-2100 Stall Speed, 1996 and newer A-500
- ¹ **P5007294AB** Torque Converter, Lockup, 2250-2350 Stall Speed, 1996 and newer A-500

B. Torque Converters, 5.7L / 6.1L Hemi

- ¹ **P5153726** Torque Converter, Performance 175K, 2004-08 Charger/ 300/ Magnum/ Challenger, 5.7L/6.1L

C. Balance Weight and Positioning Template Package

Required for rebalancing performance torque converters. For use with externally balanced cast iron cranks.

- P5249843** Balance Weight and Positioning Template Package, 5.9L Truck Magnum/Jeep Engines
- P4120241** Balance Weight and Positioning Template, Package 1971-91 440 Six Pack, 1971-92 360, not Magnum

D. Torque Converter Bolt Packages

Includes four bolts to attach torque converter to the flex plate. Available for both eight- and six-cylinder engines.

- P4529591** Bolt Package, Torque Converter, 5/16", V8 and Six Cylinder
- P4529592** Bolt Package, Torque Converter, 7/16", 426 Hemi

AUTOMATIC TRANSMISSION

TRANSMISSION PANS AND HARDWARE

A. Cast Aluminum Deep Oil Pan Packages

Extra-capacity Cast Aluminum Deep oil Pans improve the cooling and lubrication of critical transmission components, for better shift performance and longer component life. A new, redesigned billet bolt-on spacer is provided to lower the fluid pickup. Adds two quarts to sump. Includes drain plug and extra hole for temperature gauge (plug required if gauge is not used).

P5007793AB Oil Pan, Deep, Cast Aluminum, A-727

P5007794AB Oil Pan, Deep, Cast Aluminum, A-904

B. Stamped Steel Deep Oil Pan Packages

Extra-capacity stamped steel oil pans improve the cooling and lubrication of critical transmission components, for better shift performance and longer component life. A new, redesigned billet bolt-on spacer is provided to lower the fluid pickup. Includes drain plug.

P4120161AB Oil Pan, Deep, Chrome-Plated, A-727

P3690730AB Oil Pan, Deep, Stamped Steel, A-727

P4007886AB Oil Pan, Deep, Stamped Steel, A-904/A-999

C. Filter Extension Kit

For use with Automatic Transmission Deep Pan Packages. Kit contains one filter extension, one transmission pan gasket, and one transmission fluid filter.

¹ **P5249321AB** Filter Extension Package, A-727

D. Front Clutch Piston Spring

When rebuilding your A-727 transmission, you should always replace the Front Clutch Spring. This spring provides the correct amount of tension to ensure firm upshifts and prolonged clutch life. Sold individually.

¹ **P2801243** Spring, Front Clutch, A-727

E. Clutch Kits

Dual-purpose performance A-904 (includes A-998, A-999 and A-500) or A-727 transmissions can be fixed with these complete Clutch Kits. All components are high-quality O.E. parts designed for your transmission. Kits contain front and rear discs, clutch plates and instructions.

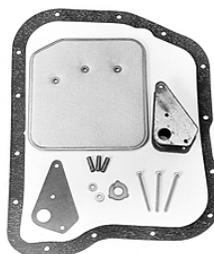
P4529016 Clutch Kit, A-727

P4529008 Clutch Kit, A-904/A-500



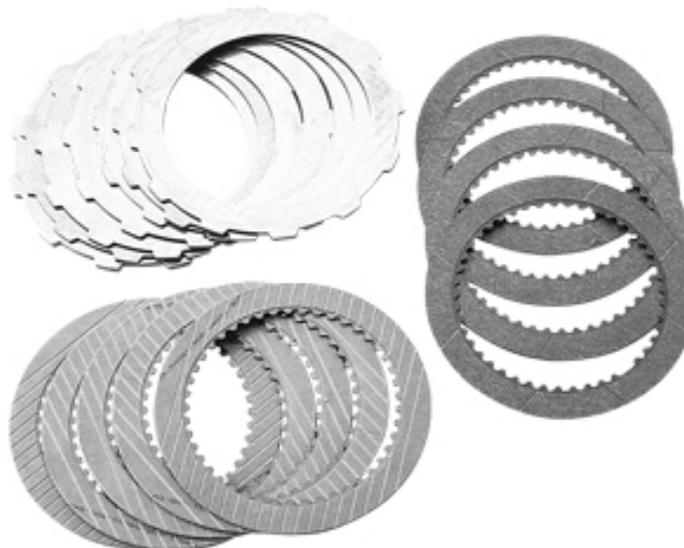
A.

B.



C.

D.



E.

TRANSMISSION PANS AND HARDWARE

A. Front Bands

Mopar takes the same high-quality, heavy-duty transmission Front Bands found in our complete A-904 or A-727 transmission kits, but packages them separately for your convenience. Select either dual-purpose performance or race applications.

P4529020 Band, Flex, Front, RWD, A-727, Race

P4529017 Band, Solid, Front, RWD, A-727, Performance



B. Kickdown Lever

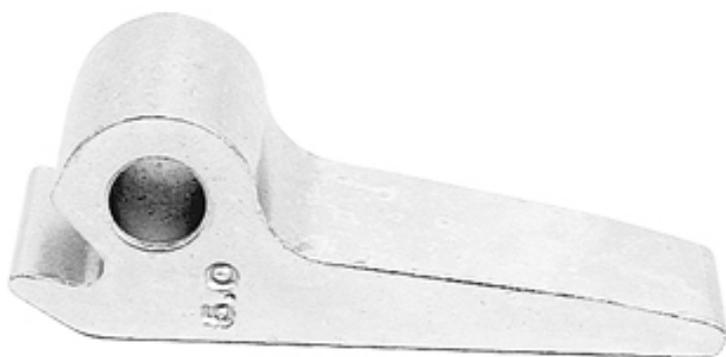
This special 5:1 ratio Kickdown Lever can be used as a replacement on the 426 Hemi® transmission. Speeds up front band actuation on other A-904 and A-727 transmissions to firm upshifts.

¹ P4529023AB Kickdown Lever, A-904/A-727

Transmission Bushing (Not Shown)

P4876206 Transmission Mount, 1967-83 A/B/C/E/F/M-Bodies with spool type mount only

A.



B.

Questions? Call the Mopar Direct Connection Techline at 1-888-528-HEMI (4364)

¹ Not legal on pollution-controlled vehicles or vehicles registered for highway use.



AUTHENTIC PERFORMANCE™



MANUAL TRANSMISSION



PERFORMANCE

MANUAL TRANSMISSION

FLYWHEELS AND HARDWARE

A. Cast Crank Flywheel

Replacement flywheel for 1971-1992 360 cast crank engine with external balance. Not SFI- approved. Six-bolt for 10.50" clutch.

- ¹ P5249842 Flywheel, Cast Crank, 130 Tooth, 1993- 03 5.9L Dodge Truck Magnum/Jeep Engines
- ¹ P4529110 Flywheel, Cast Crank, 130-Tooth, 1971-92 360 "A" Engines, Not 360 Magnum

B. Steel Flywheel - Race

Race Steel Flywheel weighs 18 1/2 lbs. and is designed for use with 10 1/2" clutch.

- ¹ P4876047 Flywheel, Steel, Race, 6-Bolt, Big Block/Small Block

C. Steel Replacement Flywheels

Steel Replacement Flywheels weigh 30 lbs. and are for use with 10 1/2" clutch.

- ¹ P4529142 Flywheel, Steel, 6-Bolt, 130-Tooth, Big Block/ Small Block
- ¹ P4529143 Flywheel, Steel, 8-Bolt, 130 Tooth, Big Block/ Small Block Gen II Hemi

D. Steel Flywheel- Gen II Hemi

Use this 130-tooth, 30-pound Steel Flywheel if you need extra rotating mass to launch the car off the line. Also great for street applications where drivability and heavy-duty applications are required. Accepts 10.5" Mopar Race, Muscle, or Street/Strip diaphragm Clutch Cover (P5153595 recommended). Use with Mopar Small Block Lightweight Starter P5249644AB, SFI Bell Housing P5153602.

- ¹ P5153592 Flywheel, Steel, 392/ 6.1L/ 5.7L

Note: Not for 5.7L/6.1L Production Replacement.

E. Aluminum Flywheel - Gen II Hemi

Use this 130-tooth, 14.5-pound aluminum flywheel with any 5.7L/6.1L Hemi engine to reduce rotating mass and inertia, and gain quicker engine acceleration. Flywheel has a steel serviceable friction surface. Accepts 10.5" Mopar Race, Muscle or Street/Strip Diaphragm Clutch Covers (P5153595 recommended). Use Mopar Small Block Starter P5249644AB, SFI Bell Housing P5153602.

- ¹ P5153593 Flywheel, Aluminum, 392/6.1L/ 5.7L Hemi

Note: Not for 5.7L/6.1L Production Replacement.

F. Flywheel Attaching Screw Set

Ideal for Inline 6 and 90° V6 and V8 engines. Includes six crankshaft and pressure plate bolts.

- ¹ P4529113 Hardware Kit, Flywheel, 6-Bolt, V8 and 6-cyl.

Note: Not for 5.7L/6.1L Hemi



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A.



B.



C.

BELL HOUSING

A. SFI Bell Housing 5.7L/6.1L/392 Hemi and All Small Blocks

This hydroformed SFI Bell Housing can be used with A-833 four-speed or Tremec TKO transmissions. Both hydraulic and mechanical Mopar clutch linkage systems can be used, either with the stock "Z-bar" design, or the hydraulic clutch components listed below. Comes with the bell housing, backing plate, all fasteners, pivot ball and pilot bearing.

¹ P5153602	Bell Housing, SFI, 5.7L/6.1L Hemi, All Magnum (carb) and LA Small Block Engines
52107555	Clutch Fork
52107625	Clutch Master/Slave Assembly
52087542	Pivot Ball
53008342	Release Bearing
04338855	Spring, Clutch Release Fork

Use the components below to convert your mechanical system to hydraulic:

- 52107625 Clutch Master/Slave Assembly
- 52107555 Clutch Fork
- 53008342 Release Bearing
- 52087542 Pivot Ball
- 04338855 Spring, Clutch Release Fork

Note: Some modifications are necessary to adapt a hydraulic system to your vehicle.

CLUTCH DISCS, PRESSURE PLATES AND HARDWARE

B. Clutch Fork Replacement Kits

For manual transmission clutch forks. Kits contain a clutch fork, clutch fork pivot and boot.

P4529453	Clutch Fork Repair Kit, 10-3/4" Approx. Length, "B" Engine B/E-Bodies
P4529452	Clutch Fork Repair Kit, 10-3/4" Approx. Length, Small Block, B/E-Bodies
P4529451	Clutch Fork Repair Kit, 12-1/2" Approx. Length, Small Block, A-Body, Except 1976

C. Clutch Linkage Shaft Service Kits

Complete kits to restore the clutch shaft linkage from the clutch pedal to the clutch fork on RWD manual transmissions. Each kit contains nylon bearings, snap rings, seals, washers, lock springs, pivot ball studs and instructions.

P4529489	Clutch Linkage Shaft Service Kit, A-Body
P4529447	Clutch Linkage Shaft Service Kit, B/E-Bodies

MANUAL TRANSMISSION

CLUTCH DISCS, PRESSURE PLATES AND HARDWARE

A. Clutch Rod Repair Kits

Repair kits for the clutch rod that runs from the clutch linkage to the clutch fork. Each kit contains a clutch rod, nuts, washers, springs, clips and instructions.

- P4529450 Clutch Rod, 4.880" Overall Length, Big Block, B/E-Bodies
- P4529448 Clutch Rod, 6.885" Overall Length, Small Block, A-Body



B. Clutch Cover and Pressure Plate - Race

Super heavy-duty for 3,100-lb. spring load.

- P4529406 Race Clutch Cover and Pressure Plate, Race, 10-1/2", Hemi/ Big Block/ Small Block

C. Muscle Car Pressure Plates

Designed as replacements for early V8 muscle cars. Both are roller designs similar to original production units. Use with Muscle Car Clutch Discs.

- P4529140 Pressure Plate, 10-1/2", 2,500 lb. Base, Dodge and Plymouth V8 Muscle Cars
- P4529141 Pressure Plate, Scalloped Muscle Car, 10.5" Bolt Pattern, 10.95", 2,500 lb. Base, 1970-72 Hemi/Big Block

A.

B.



D. Muscle Car Clutch Discs

Designed as replacements for various Dodge and Plymouth V8 muscle cars. Use with Mopar Muscle Car Pressure Plates (P4529140 and P4529141).

- P4529138 Clutch Disc, 10-1/2", 18-Spline, Dodge and Plymouth V8 Muscle Cars
- P4529136 Clutch Disc, 10-1/2", 23-Spline, Dodge and Plymouth V8 Muscle Cars
- P4529139 Clutch Disc, 11" (10.95"), 18- Spline, Dodge and Plymouth V8 Muscle Cars
- P4529137 Clutch Disc, 11" (10.95"), 23-Spline, Dodge and Plymouth V8 Muscle Cars

C.

D.

E. Street/Strip Pressure Plates

- P4876920 Pressure Plate, 10-1/2", 2,750 lb. Base, 426 Hemi/ 440 Big Block/ 340 Small Block
- P4876919 Pressure Plate, 11" (10.95"), 2,750 lb. Base and 143 Tooth Flywheel, 1970 and Later Hemi, 426 Hemi/ 440 Big Block



E.

CLUTCH DISCS, PRESSURE PLATES AND HARDWARE

Pilot Bearing (Not Shown)

The Pilot Bearing should always be replaced when servicing the clutch and throw-out bearing or when installing a new clutch.

P5007051 Pilot Bearing, Big Block and Small Block, Excludes 5.7L/6.1L Hemi



A.

A. Diaphragm Clutch Cover

This 10.5" Diaphragm Clutch Cover is capable of 2,850 psi clamp load, 430-445 psi finger pressure. Provides better modulation and pedal feel. Compatible with most Mopar clutch release bearings that have a flat face. Use with Flywheel P5153592 and P5153593 for 5.7L/6.1L conversion.

P5153595 Diaphragm Clutch Cover



B.

B. Hemi Conversion Clutch Plate

Use this special Conversion Clutch Plate when putting a five-speed or six-speed Tremec transmission behind your 5.7L/6.1L Hemi crate engine. Sprung hub for smoother engagement (1-1/8-inch 26-spline hub). Constructed of organic material; capable of 500 ft.-lbs. torque.

P5153594 Clutch Plate, Conversion, 5.7L/6.1L Hemi

C. Clutch Release Roller Bearing/Sleeve Assembly

It is recommended that you replace your throw-out bearing every time you replace your clutch. This Clutch Release Roller Bearing and Sleeve Assembly applies to four-speed transmissions with 10.50" clutch. Fits only 18-spline input shaft, A-833 transmission.

P4529064 Clutch Release Roller Bearing and Sleeve Assembly



C.

D. Four-Speed Gasket Kit

Complete rebuild kit for A-833 manual transmissions. Includes input seal, large rubber boot-style rear seal and all necessary gaskets and seals.

P4510639 Gasket, Four-speed, A-833, 23 Spline Only, Kit



D.

Questions? Call the Mopar Direct Connection Techline at 1-888-528-HEMI (4364)

¹ Not legal on pollution-controlled vehicles or vehicles registered for highway use.

MANUAL TRANSMISSION

CLUTCH DISCS, PRESSURE PLATES AND HARDWARE

A. Four-Speed Front Bearing Retainers

Mopar has re-released these A-833 Four-Speed Front Bearing Retainers. No more scouring the salvage yards for the correct one. Whether you are swapping transmissions or restoring a legend, you can choose the correct bearing retainer for your application. Each package includes the retainer, retainer gasket and input shaft seal. Bearing retainers are identified by their outside diameter (OD), attaching bolt circle diameter (BC) and corresponding transmission input shaft.

- P4529694** Retainer, Bearing, 4.35" O.D., 3.70" BC, for 23-Spline Input Shaft, A-833
- P4529695** Retainer, Bearing, 4.80" O.D., 3.70" BC, for 23-Spline Input Shaft, A-833
- P4529697** Retainer, Bearing, 4.80" O.D., 4.16" BC, for 18-Spline Input Shaft, A-833
- P4529696** Retainer, Bearing, 4.80" O.D., 4.16" BC, for 23-Spline Input Shaft, A-833



A.

B. Offset Clutch Housing Dowel Package

Contains Clutch Housing Dowels offset by 0.007", 0.014" and 0.021" (two each).

- P4120383** Dowel Package, Clutch Housing, Offset, RWD



B.

SHIFTERS AND SHIFT IMPROVEMENT KITS

C. Hurst Pistol Grip Shifters

Offered exclusively through Mopar, Hurst Pistol Grip Shift levers are back! Give your four-speed Mopar muscle car that original look and feel it deserves with these brand-new, factory reissued pistol grip shift levers from Hurst. All pistol grip sticks are the bolt-in style and are designed for use with Hurst Comp Plus Shifter (part number 391-6769, not available through Mopar).

- P4510614** Insert, Shifter, Hurst Pistol Grip, Simulated Wood Grain
- P4510948** Shifter, Hurst Pistol Grip, 1970 B-Body with Console
- P4510612** Shifter, Hurst Pistol Grip, 1970-74 E-Body, 1971-74 B-Body with Console
- P4510611** Shifter, Hurst Pistol Grip, 1971-74 B-Body Non-Console with Center Arm Rest
- P4510610** Shifter, Hurst Pistol Grip, All 1968-69 Non-Console, 1970 B-Body Non-Console



C.

D. Shifter Boot

If your shifter boot is damaged, worn, or missing, we've got you covered. This quality reproduction looks great and uses the same materials as the original production unit.

- 03467764** Shifter Boot, 1967-76 Dart/Demon/Duster
- P3467766** Shifter Boot, 1970-74 'Cuda/Challenger, 1971-74 Road Runner/GTX and Charger

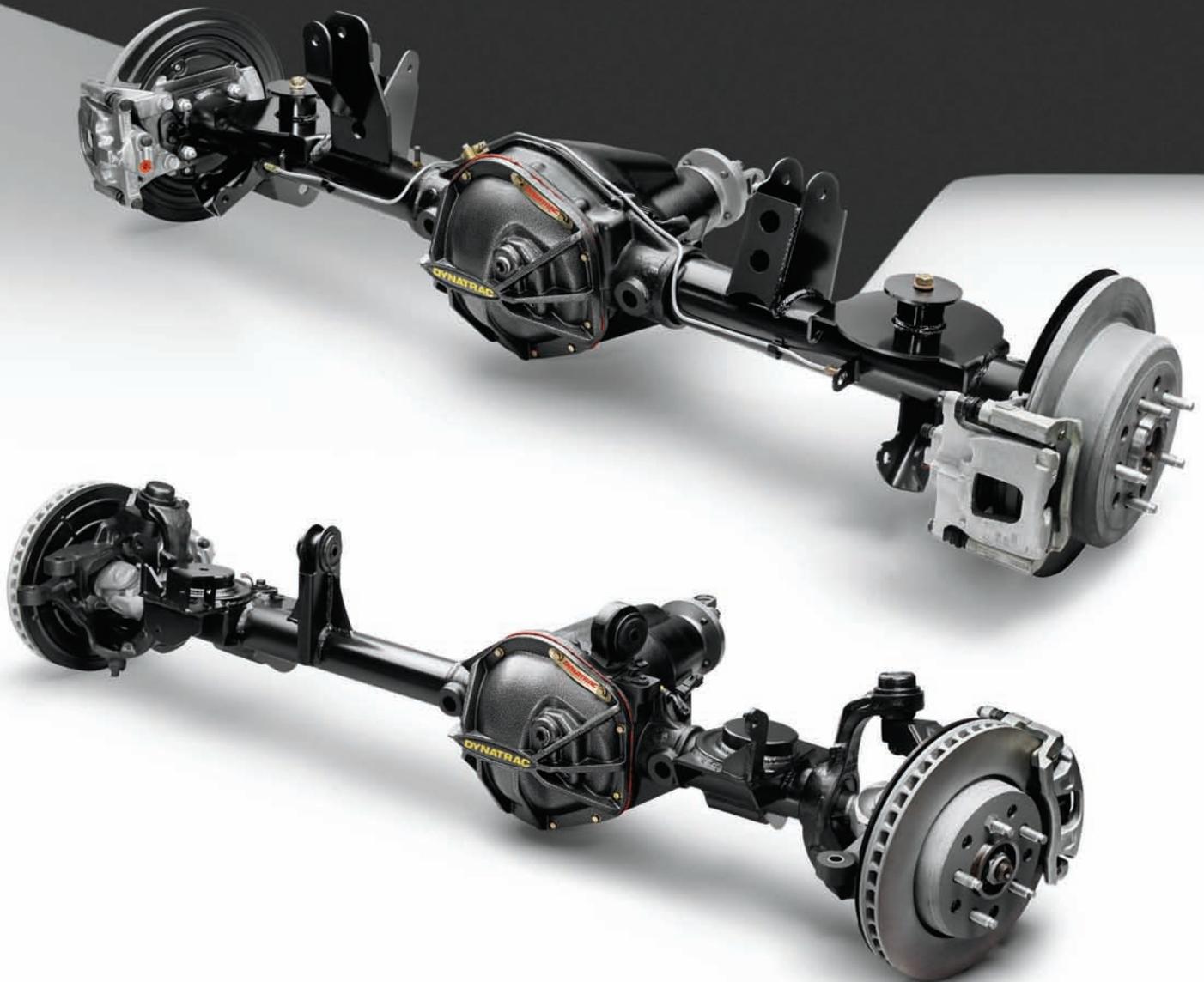


D.

AUTHENTIC PERFORMANCE™



DRIVETRAIN AND REAR AXLE COMPONENTS



PERFORMANCE

DRIVETRAIN AND REAR AXLE COMPONENTS

UNIVERSAL JOINT AND YOKE KITS

A. Axle Yoke Kits

Complete driveshaft pinion yoke kits include yoke, U-joint retaining straps, strap hold-down bolts, yoke retaining washer and nut, and instructions.

- P4876804** Axle Yoke, 10 Spline, 7290 Joint, Dana 60 Axles, 8-3/4" Axles
- P4529483AB** Axle Yoke, 29 Spline, 7290 Joint, 8-3/4" Axles
- P5007417AD** Yoke Kit, 29 spline, 7260 Joint, 8 3/4" Carrier

29 spline Dana and 8 3/4 yokes are not interchangeable.

B. Billet Yoke Kits

For use with 742 or 489 housing or Mopar Performance aluminum housing (P4876445). Kits include U-bolts and pinion nut.

- P4510656** Axle Yoke, 10 Spline, 1.078" Bearing Cap, 4130 Chrome Moly Billet, 8-3/4" Axles
- P4510638** Axle Yoke, 10 Spline, 1.078" Bearing Cap, Aluminum Billet, 8-3/4" Axles
- P4510657** Axle Yoke, 10 Spline, 1.125" Bearing Cap, 4130 Chrome Moly Billet, 8-3/4" Axles
- P4510655** Axle Yoke, 10 Spline, 1.125" Bearing Cap, Aluminum Billet, 8-3/4" Axles

C. Slip Yoke Kits

For use with driveshaft kits or general service.

- P5007409** Slip Yoke Kit, Type 7260 U-Joint, 26 Spline, 6.80" Long, A-904
- P5007410** Slip Yoke Kit, Type 7290 U-Joint, 26 Spline, 7.30" Long, A-904
- P5007411** Slip Yoke Kit, Type 7290 U-Joint, 29 Spline, 8.00" Long, A-727

D. Universal Joint Packages

U-joint for driveshaft use.

- P3690773** U-Bolt Assembly Package, Universal, 1330 Series
- P5007418** Universal Joint Package — Adapts 7260 Driveshaft to 7290 Axle Yoke (or the reverse)

E. U-Bolt Conversion Kit

- P5007417AD** Yoke Kit, 29 spline, 7260 Joint, 8 3/4" Carrier
- P4120714AB** Yoke Kit, Adapts 7290 Driveshaft to a U-Bolt style Yoke, Dana 60 Axles w/o dust shield. Use with 7290 U-Joint (not included).

Kits do not include U-Joint or U-Bolts. Allows the use of stock prop shaft.



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E.

DRIVETRAIN AND REAR AXLE COMPONENTS

UNIVERSAL JOINT AND YOKE KITS

A. U-Joint U-Bolt Service Package

Services U-Bolt Conversion Kit. Two required.

P3690774 U-Joint and U-Bolt Service Package, Dana 60 Axles



A.

B. U-Joint Strap and Bolt Packages

This inexpensive package will help you avoid potential driveshaft failure and give you peace of mind. Use with Dana 60 Axle Yoke Kit (P4876804).

P4120468 U-Joint Strap and Bolt Package, 7260, 8-1/4" and 8-3/4" Axles

P4120469 U-Joint Strap and Bolt Package, 7290, 8-3/4" and Dana 60 Axles



B.

REAR AXLE COMPONENTS

C. Ring and Pinion Gears

These high-performance rear end Ring and Pinion Gears are manufactured with a special heat treat process. They are made with the special needs of drag race and off-road competition in mind.

¹ **P5249927** Ring and Pinion Gears, Rear Axle, 3.55:1 Ratio, 12-Bolt Cover, 9 1/4" Axles

P4007896 Installation Kit, Rear Axle Gear and Pinion, 8 1/4



C.



D.

D. Aluminum Carrier Housing

Designed to reduce weight and hold up under high torque. Uses 1-3/4-inch large stem pinion and standard components. The 8-3/4-inch aluminum axle housing uses "742-style" large stem ring and pinions and fits 8-3/4-inch banjo housings (up to 1974). It features a weight reduction of 44% (approximately 11 lbs. to 14 lbs.), compared to production cast iron housing, and includes 6061 billet aluminum caps. It is stiffer than cast iron, and decreases pinion deflection by 10%. It uses "742-style" bearings and shims, service parts and sure-grips. Clearance required on 3.23:1 or higher ratios. Adjuster lock bolts may need to be replaced with socket head bolts.

P4876445 Carrier Housing, Aluminum, 8-3/4" Axles

P5007239 Gasket, Carrier Housing, 8-3/4" Axles

E. Axle Brace

Keeps axle tubes from twisting under extreme loads, and provides strength and rigidity to Chrysler 8-3/4-inch axles. Welding required.

P4510642 Axle Brace, 8-3/4" Axles



E.

F. Differential Clutch Kits

O.E. clutch discs and plates to rebuild a limited slip differential.

P4529484 Differential Clutch Kit, 8-3/4" Axles

P4529485 Differential Clutch Kit, 9-3/4" Axles



F.

DRIVETRAIN AND REAR AXLE COMPONENTS

REAR AXLE COMPONENTS

A. Rear Axle Bearing Set

Specifically designed by Mopar to eliminate production bearing retainers and axle end play adjuster. Set contains two axle shaft bearings, two bearing retainer sleeves, two axle shaft seals and two axle flange gaskets. For drag racing use only.

P5249444 Bearing Set, Rear Axle, 1965 and Newer 8-3/4" and 9-3/4" Axles



B. Crush Sleeves

Original equipment Crush Sleeves for setting up rear axle. Includes pinion nut washer and pinion flange nut.

P4529700 Crush Sleeve, 8-1/4" Axles

P4529702 Crush Sleeve, 9-1/4" Axles



C. Ring Gear Retaining Bolt Packages

Complete set of 12 bolts with instructions.

P5249163 Bolt Package, Ring Gear, Left-Hand Thread, to 1970: 7-1/4" and 8-3/4"; to 1971: 8-1/4" Axles

P4529486 Bolt Package, Ring Gear, Right Hand Thread, 1971-on: 7-1/4" and 8-3/4" Axles, 1972-on: 8-1/4" Axles

A.

B.

D. Synthetic Gear Lube

Mobil One Synthetic Gear Lube improves wear protection. Engineered to protect your axle in severe duty applications.

68044567AA Gear Lube, Mobil 1, Synthetic, 75W90, MS8985



DIFFERENTIAL COMPONENTS

E. Sure-Grip Differential Assemblies

Mopar supplies production replacement Clutch-Type Sure-Grip Differential Assemblies for rear axles. These assemblies are complete for high-performance applications. Designed for gear ratios of 2.76:1 and higher.

P4529273 Differential Assembly, Sure Grip Non-clutch Style, Up To 1995 8-1/4" Axles.

P4876118 Differential Assembly, Sure Grip, 8-3/4" Axles

C.

D.

F. Chrome Differential Covers

Impress those behind you with a Mopar Chrome Differential Cover. Attaching bolts not included.

P3690754 Cover, Differential, Chrome, RWD, 1973 and Newer 9-1/4" Axles

P3690753 Cover, Differential, Chrome, RWD, 8-1/4" Axles

P3690755 Cover, Differential, Chrome, RWD, 9-3/4" Dana 60 Axles



E.

F.

DRIVETRAIN AND REAR AXLE COMPONENTS

DIFFERENTIAL COMPONENTS

A. Rear Axle Cover Bolt Sets

Chrome Attaching Bolt packages for Chrome Differential Covers.

P4452787 Bolt Set, Chrome, 7-1/4", 8-1/4", 9-1/4" Axles, 12 Pcs.

P5249719 Bolt Set, Chrome, 9 3/4" Dana Axles, 9 Pcs.



B. Rear Axle Shim Package

An incorrect rear axle pinion angle not only robs precious horsepower, but can also cause launch problems and parts failure. Mopar has developed these tapered pinion angle shims so the pinion-to-driveshaft angle can be adjusted to the correct 5 to 7 degrees (for drag racing only), to less than 1 degree for highway use. Package includes two each of 1°, 2° and 3° shims (six shims total).

P4529536 Axle Shim Package, Rear, 8-1/4" / 8-3/4" Dana 60 Axles

P5153561 Axle Shim, Rear, 1°, 2pcs.

P5153562 Axle Shim, Rear, 2°, 2pcs.

P5153563 Axle Shim, Rear, 3°, 2pcs.

A.



B.

Questions? Call the Mopar Direct Connection Techline at 1-888-528-HEMI (4364)

¹ Not legal on pollution-controlled vehicles or vehicles registered for highway use.



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SOUTHLAND
DODGE
CHRYSLER
HOUMA, LA.

AUTHENTIC PERFORMANCE™



BRAKES



PERFORMANCE

BRAKES

MASTER CYLINDER COMPONENTS

A. Master Cylinder Heat Shield

Prevents heat from exhaust header or exhaust manifolds from boiling and degrading brake fluid. Perfect for Big Block, A-Body conversions.

¹ P4510634 Heat Shield, Master Cylinder, Stainless, Big Block, A-Body

B. Master Cylinder Adapter

Converts from four-stud to two-stud attaching style. For use with Mopar Brake Cylinder Pushrod Package (P5249316AB).

¹ P5249315 Master Cylinder Adapter

C. Master Cylinder Offset Adapter

Moves the master cylinder away from the engine for added clearance with Hemi or 440 engine valve covers. Designed specifically for 1968 Hemi A-Body cars. Can also be used for other A-body applications when installed on 426 Hemi engines.

¹ P5249717 Master Cylinder Adapter, Offset, 1968 Hemi A-Body

BRAKE PUSHRODS

D. Adjustable Brake Pushrod

For use with Mopar lightweight Master Cylinder Assemblies (P5249270 and P5249271 which are currently discontinued).

¹ P4510640 Pushrod, Brake, Adjustable

E. Brake Cylinder Pushrod Package

Contains pushrod assembly, bolt, nut, washer, adhesive, roll pin and instruction sheet. For use with Mopar Master Cylinder Adapter (P5249315).

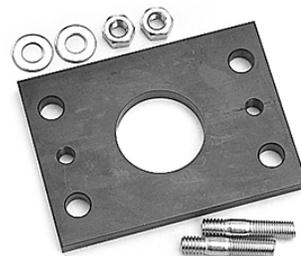
¹ P5249316AB Pushrod, Brake Cylinder, Package

BRAKE PROPORTIONING VALVES

F. Lightweight Brake Proportioning Valve

Made from lightweight billet aluminum. Compact for all applications. Perfect for all hydraulic brake applications and is easily adjusted with the turn of a knob. For diagonally-split brakes, install one valve in each rear brake line (does not change brake system to front-to-rear split).

¹ P5249088 Brake Proportioning Valve, Lightweight



A.

B.



C.

D.



E.

F.

AUTHENTIC PERFORMANCE™



STEERING AND SUSPENSION



PERFORMANCE

STEERING AND SUSPENSION

LEAF SPRINGS AND HARDWARE

A. XHD Leaf Springs - Original Equipment

These extra heavy-duty O.E. Leaf Springs are just like the bias design production springs that were stock on 1968-72 A-Body vehicles with 340 high-performance engines, 1967-71 B-Body vehicles with 440 or 426 manual and automatic transmissions, and 1970-74 E-Body vehicles with 440 or 426 manual or automatic transmissions. Springs will fit any A-Body (1968-72), B-Body (1966-72) or E-Body (1970-74), regardless of engine size, and come with front bushings installed in assembly. B-Body: front 22", rear 36". Select right or left spring.

- P4510269** Leaf Spring, Left, O. E., 1964-75 A-Body
- P4452983** Leaf Spring, Left, O. E., 1966-72 B-Body
- P4452985** Leaf Spring, Left, O. E., 1970-74 E-Body
- P4510268** Leaf Spring, Right, O. E., 1964-75 A-Body
- P4452982** Leaf Spring, Right, O. E., 1966-72 B-Body
- P4452984** Leaf Spring, Right, O. E., 1970-74 E-Body

B. Competition Leaf Springs - Super Stock

Designed to control torque roll, providing equal bite on rear wheels through limited axle windup. These springs don't lock up the rear, but allow it to move, keeping the tires on the track where they belong. The rear springs listed below have a 20-inch front segment and require a longer front spring hanger bracket for B-, E-, F-, J- and M-Bodies (not included). Standard hanger brackets used on A-Body. With P3412002-03, the rear eye in frame is moved forward; Pinion Snubber is recommended. If using P4120863, vehicle will not be level at standstill.

- ¹ **P4120864** Leaf Spring, Competition, Left, 2,800 lbs. (A-Body)
- ¹ **P3412003** Leaf Spring, Competition, Left, 3,000-3,200 lbs., Modified, Hemi Super Stock A-Body, B-Body with Relocated Shackle
- ¹ **P4120866** Leaf Spring, Competition, Left, 3,300 lbs., E-Body Barracuda-Challenger, B-Body w/Shackle Relocation
- ¹ **P3690457** Leaf Spring, Competition, Left, 3,400 lbs., 1964-65 Super Stock B-Body
- ¹ **P3690461** Leaf Spring, Competition, Left, 3,600 lbs., E-Body Barracuda-Challenger, B-Body w/Shackle Relocation
- ¹ **P3690455** Leaf Spring, Competition, Left, 3,800 lbs., B-Body
- ¹ **P4120863** Leaf Spring, Competition, Right, 2,800 lbs., A-Body
- ¹ **P3412002** Leaf Spring, Competition, Right, 3,000-3,200 lbs., Modified Cars, 1968 Hemi Super Stock A-Body
- ¹ **P4120865** Leaf Spring, Competition, Right, 3,300 lbs., E-Body Barracuda-Challenger, B-Body w/Shackle Relocation
- ¹ **P3690456** Leaf Spring, Competition, Right, 3,400 lbs., 1964-65 Super Stock B-Body
- ¹ **P3690460** Leaf Spring, Competition, Right, 3,600 lbs., E-Body Barracuda-Challenger, B-Body w/Shackle Relocation
- ¹ **P3690454** Leaf Spring, Competition, Right, 3,800 lbs., B-Body



A.



B.

LEAF SPRINGS AND HARDWARE

A. Oval Track Leaf Springs

Reissued Mopar Kit Car Leaf Springs are ideal for oval track applications. These springs are widely used on dirt track race cars. The spring rate is 120 lbs. per inch. Front 20.5", Rear 35.0".

- ¹ P4529415 Leaf Spring, Oval track, 1" Arch
- ¹ P4529414 Leaf Spring, Oval Track, No Arch



A.

Additional Rear Leaf Spring (Not Shown)

Add-a-leaf kits allow for the installation of larger tires and help compensate for heavy accessories. These kits will increase the ride height and spring rate for a fraction of the cost of replacement springs. Sold individually.

- ¹ P4349540 Leaf Spring, Additional, Rear, 4WD, W100/W150/W200/W300/Ramcharger/Trailduster

B. Solid Leaf Spring Front Eye Bushings

Contains two 1-1/2-inch aluminum Spring Eye Bushings with steel sleeves. Improves spring reaction by cutting down on rubber deflection. Steel sleeve allows free movement of aluminum bushing. Designed for use with competition leaf springs (Super Stock).

- P4510644 Bushing, Leaf Spring, Front Eye, Aluminum, Solid, 1-1/2" Diameter., 3.125" Length, A-/B-/E-Bodies



B.

C. Rear Spring Shackle Bushings

For A-, B- or E-Body vehicles. Available in high-performance polyurethane for improved vehicle handling, or factory original equipment heavy-duty rubber for restoration projects. Sold in sets of eight bushings.

- P4510643 Shackle Bushings, Rear Spring, Polyurethane, A-Body
- P4452987 Shackle Bushings, Rear Spring, Rubber, O. E., 1", B-/E-Body, Super Stock Springs
- P4452986 Shackle Bushings, Rear Spring, Rubber, O. E., 7/8" A-Body

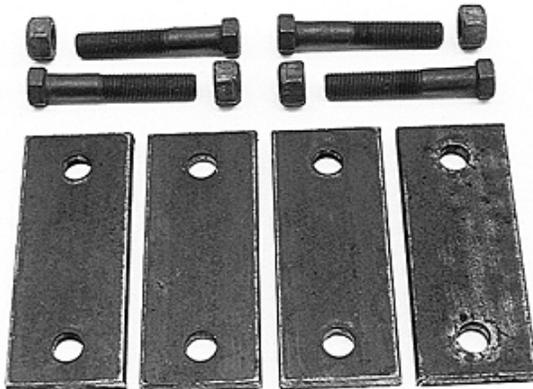


C.

D. Rear Spring Clamp Package

Clamps to the front half of rear leaf springs to increase stiffness so you can fine-tune the rear suspension for optimal traction. Contains clamps for two springs.

- ¹ P4120470 Clamp Package, Rear Springs.



D.

Questions? Call the Mopar Direct Connection Techline at 1-888-528-HEMI (4364)

¹ Not legal on pollution-controlled vehicles or vehicles registered for highway use.

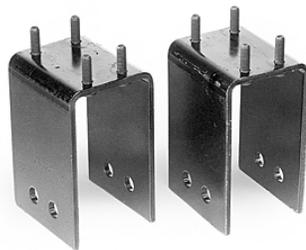
STEERING AND SUSPENSION

LEAF SPRINGS AND HARDWARE

A. Rear Spring Front Hanger Bracket Sets

These straight hangers are 2.0" longer for use with Super Stock springs.

- ¹ P4120080 Hanger Bracket, Front, 108"/110"/115" Wheelbase, 1964-65 Mod. B-Body, 1970-74 E-Body, 1971-74 B-Body HT, Set
- ¹ P4120081 Hanger Bracket, Front, 110" Wheelbase, 1976-80 F-Body, 1980-83 J-Body, 1977-78 M-Body, Set
- ¹ P4120105 Hanger Bracket, Front, 116" Wheelbase, 1966-70 Plymouth B-Body Sedans, 1971-74 B-Body Wagons, Set
- ¹ P4120079 Hanger Bracket, Front, 117" Wheelbase, 1966-70 Dodge B-Body Sedan and Wagon, Set



B. Offset Rear Spring Front Hanger Bracket Sets

Moves the springs in next to the frame. Requires spring seat and offset shackles to be moved. Offers the maximum possible movement inboard for tire clearance without frame rework.

- P4120077 Hanger Bracket, Rear Spring, Front, Offset, A-Body
- P4120078 Hanger Bracket, Rear Spring, Front, Offset, E-Body with Super Stock Springs

C. Rear Spring Mounting Seats

When installing a leaf spring suspension, use these Rear Spring Mounting Seats. These seats work with all 3-inch diameter tube rear axles (8 1/4", 8 3/4", 9 1/4", 9 3/4")

- P5007857 Mounting Seats, Rear Spring, 0.520" Centerline. Fits all Mopar Performance Leaf Springs
- P4120074 Mounting Seats, Rear Spring, 0.670" Centerline



D. Rear Spring Shock Mounting Plates

Designed for A-, B- and E-Body cars. Provides lower shock pivot, plus support for the U-bolts that hold the rear spring to the axle. Sold individually. Shock stud is not included.

- P4876519 Shock Mounting Plates, Rear Spring, Left, A/B/E-Bodies
- P4876518 Shock Mounting Plates, Rear Spring, Right, A/B/E-Bodies

E. Spring Relocation Kits

Moves leaf springs in 3" per side for added tire clearance. Kits mount longitudinally. Requires welding. Includes front hangers, shackles, rear shackle mounts and spring mounting seats. A-body uses small rear spring eye.

- P4876558AB Spring Relocation Kit, A-Body
- P4120665AB Spring Relocation Kit, B/E-Body



A.

B.

C.

D.

E.

LEAF SPRINGS AND HARDWARE

A. Spring U-Bolt and Nut Packages

For replacement of U-bolts when working on your vehicle's springs. Packages include four spring/axle U-bolts and eight nuts.

- P5249709 Spring U-Bolt and Nut Package, 7", 8 3/4" and Dana 60 Axles
- P4120611 Spring U-Bolt and Nut Package, 8"
- P4120612 Spring U-Bolt and Nut Package, 9"



A.

B.

B. Straight Rear Shackle Packages

Packages come with bushings, side plates and nuts. Can be used for general service and special applications, such as spring relocation kits.

- P5249715 Shackle Bushing Rear, Straight, A-Body, One Shackle Only
- P5249716 Shackle Bushing Rear, Straight, B-Body, One Shackle Only

C. Offset Rear Shackle Packages

Offset is approximately 0.80" for use on cars with relocated rear springs. Use with offset front hangers.

- P4120075 Shackle Bushing, Rear, Offset, A-Body
- P4120076 Shackle Bushing, Rear, Offset, B/E-Body



C.

D.

FRAME COMPONENTS

D. Bolt-In Frame Connector Packages

These prefabricated Bolt-In Frame Connector Packages let you tie the front and rear frame longitudinally on all A-, B- or E-body drag cars. They can be welded for additional strength and rigidity. Packages include two connectors, brackets and necessary mounting hardware.

- P4286868 Frame Connector, Bolt-In, 108" Wheelbase, 1967-76 A-Body
- P4286870 Frame Connector, Bolt-In, 108"-110" Wheelbase, 1970-74 E-Body
- P4876658 Frame Connector, Bolt-In, 111" Wheelbase, 1967-76 A-Body
- P4286869 Frame Connector, Bolt-In, 115"-117" Wheelbase, 1966-72.5 B-Body

E. Adjustable Pinion Snubbers

Helps control axle windup by adjusting the height to the floor pan. Units fit to the center front of the rear axle housing.

- P3690182 Pinion Snubber, Adjustable, 8-3/4" Axles
- P3690181 Pinion Snubber, Adjustable, Dana 60 Axles



E.

Questions? Call the Mopar Direct Connection Techline at 1-888-528-HEMI (4364)

¹ Not legal on pollution-controlled vehicles or vehicles registered for highway use.

STEERING AND SUSPENSION

TORSION BARS AND HARDWARE

A. Torsion Bar Sets

Mopar offers torsion bars for H-Body and 1962-1972 B- and E Body vehicles in a variety of diameters for restoration, performance and racing. Improve the suspension performance and cornering ability or weight transfer of your vehicle with these Mopar Torsion Bar Sets. The A-Body bars are 35.70" long; the B- and E-Body bars are 41" long. These sets bolt right into stock locations without modifications (sold in sets of two). A- and E-Body bars fit all years. B-Body bars fit 1962-1972 only.

- P5249148 Torsion Bar, 0.810" Diameter, A-Body, Set
- P5249150 Torsion Bar, 0.890" Diameter, A-Body, Set
- P5249151 Torsion Bar, 0.920" Diameter, A-Body, Set
- P5249157 Torsion Bar, 0.920" Diameter, B/E-Body, Set
- P5249158 Torsion Bar, 0.960" Diameter, B/E-Body, Set



A.



B.

B. Torsion Bar Lock and Seal

- P5249609 Lock and Seal, Torsion Bar, A Body/ 1962-72 B/E-Bodies
- P4876097 Lock Clip, Torsion Bar, A/B/E-Bodies



C.



D.

FRONT SUSPENSION SEALS AND BUSHINGS

C. Front End Seal Packages

Contains seals for tie rod ends, pitman arm, upper and lower, ball joints and idler arm.

- P5249229 Seal Package, Front, 1968-72 B-Body
- P5249226 Seal Package, Front, E-Body, 1973-76 A-Body

D. Front Strut Bushing Packages

Used to minimize fore and aft movement during braking and hard acceleration. Made of special high-durometer material.

- P4529183 Bushing Package, Front Strut, 1967-76 A-Body
- P4529184 Bushing Package, Front Strut, B/E-Body



E.



F.

MANUAL STEERING HARDWARE

E. Manual Steering Gear Worm and Ball Nut Package

Replace your 26:1 manual steering production gear ratio set with this improved 20:1 ratio Manual Steering Gear Worm and Ball Nut Package.

- ¹ P4007612 Gear Worm and Ball Nut Package, Manual Steering, 1963-85 Passenger Cars

F. Power to Manual Steering Adapter

This adapter allows you to convert vehicles equipped with power steering to a manual steering box.

- ¹ P4510637 Manual Steering Adapter, A/B/E-Bodies

Torsion Bar Sets			
Part Number	Diameter	Body	Application
P5249148	0.81	A	Drag Racing
P5249149	0.87	A	Restoration for 340 cars, improved Slant 6 handling
P5249150	0.89	A	Restoration for 383 cars, improved small block handling
P5249151	0.92	A	Performance handling, Solo racing
P5249157	0.92	B & E	Restoration for 440 and Hemi cars, improved small block handling
P5249158	0.96	B & E	Improved Big Block and Hemi handling

SHOCKS AND STRUTS

A. Drag Race Rear Shock Absorbers

Designed with the extended length required by special drag racing applications. Sold individually.

- ¹ P4529514 Shock Absorber, Rear, Drag Race, Automatic Transmission, A-Body
- ¹ P4529515 Shock Absorber, Rear, Drag Race, Automatic Transmission, B/E-Body



A.

B. Suspension Bushings

Tough, durable polyurethane gives these Performance Suspension Bushings higher durometers than production rubber units. Recommended for circle track, solo and road racing applications. They can also be used in drag racing, where applicable.

- P4876196 Bushing Kit, Control Arm, Front, 1962-76 A-Body
- P5007088 Bushing, Leaf Spring, Rear, 1965-72 426/440 B-Body, Kit
- P5007087 Bushing, Leaf Spring, Rear, 1965-72 B-Body except 426/440, Kit



B.

C. Replacement End-Link Bushings

These hard, urethane End-Link Bushings can be used to replace your stock bushing or with Mopar Sway Bars. Extra hard for positive stiffness and longer wearability. Sold as a set of eight.

- P4349116 Bushings, End Link, Replacement



C.

Leaf Spring Bushing Sets					
Part Number	Shackle End	Spring ID	Bolt/Sleeve	Spring Width	Frame Bracket Width
P4876197	Main Eye	1.5"	1/2" Bolt	2.50"	3.0"
	Shackle End	7/8"	1/2" Bolt	2.50"	3.0"
P5007807	Main Eye	1.96"	5/8" Bolt	2.50"	3.125"
	Shackle End	1.0"	9/16" Bolt	2.50"	3.0"
P5007088	Main Eye	1.5"	5/8" Bolt	2.50"	3.125"
	Shackle End	1.0"	9/16" Bolt	2.50"	3.0"

Questions? Call the Mopar Direct Connection Techline at 1-888-528-HEMI (4364)

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AUTHENTIC PERFORMANCE™



RESTORATION



PERFORMANCE

RESTORATION

GUTTERS

A. Weather-Stripping

- 77R06264 Weather-Strip, Gutter, LH, 1970-74 Dodge Challenger
- 77R06269 Weather-Strip, Gutter, LH, 1970-74 Plymouth Barracuda
- 77R06265 Weather-Strip, Gutter, RH, 1970-74 Dodge Challenger
- 77R06270 Weather-Strip, Gutter, RH, 1970-74 Plymouth Barracuda



HOODS AND HOOD COMPONENTS

B. Hood Pin and Cable Kit

Kit includes a pair of Hood Pins and all attachment hardware. Exposed hardware is chrome-plated.

- P4529405 Hood Pin Kit
- 77R06123 Hood Pin Kit, B/E-Body, 23" Lanyard

A.

A.

C. Dodge Challenger Hood

This high-quality steel hood is an exact reproduction that will make your Challenger look like it just came from the factory. Forget welding, grinding, filling and sanding--who needs it? But if you want to brag about the long hours you spent to make it look perfect, go right ahead--we won't tell!

- P5153393 Hood, Rallye, Dual Scoop Type, 1970-74 Challenger R/T and Rallye



D. Shaker Hood Seal

A whole lotta shakin' means a lot of wear and tear to your hood seal. If your Shaker Hood Seal hasn't been replaced within the last ten years, odds are you're overdue. This reproduction offers a perfect fit and the same high quality as the original.

- 03418658AB Hood Seal, Shaker, 1970 - 71 'Cuda and Challenger Shaker Hood

B.

C.

Actuator Bracket (Not Shown)

- 77R06052 Actuator Bracket, Air Grabber, 1970-72 Road Runner/Charger

Air Grabber Flapper (Not Shown)

- 77R06062 Air Grabber Flapper, 1970-72 Roadrunner/Charger

UNDERHOOD

Air Cleaner Lids (Not Shown)

- 77R06094 Air Cleaner Lid, Used On Air Grabber Hoods, 1970 Road Runner/GTX

E. Air Cleaner Wing Nut

- 77R06283 Wing Nut, Air Cleaner, V-8



D.

E.

Images are not available
for these parts.

UNDERHOOD

Breather Hose (Not Shown)

77R06312 Breather Hose, Air Cleaner, 1966-71 V8 Applications

Heater Hose (Not Shown)

77R06297 Heater Hose, w/AC, 1967 A/B-Body, All V8 Applications
 77R06299 Heater Hose, w/AC, 1968 A/B-Body, All V8 Applications
 77R06301 Heater Hose, w/AC, 1969 A/B-Body, All V8 Applications
 77R06307 Heater Hose, w/AC, 1970 A/E-Body, All V8 Applications
 77R06303 Heater Hose, w/AC, 1970 B-Body, All V8 Applications
 77R06305 Heater Hose, w/AC, 1971 B-Body, All V8 Applications
 77R06311 Heater Hose, w/AC, 1971 E-Body, All V8 Applications
 77R06309 Heater Hose, w/AC, 1972 A/B/E-Body, All V8 Applications
 77R06296 Heater Hose, w/o AC, 1967 A/B-Body, All V8 Applications
 77R06298 Heater Hose, w/o AC, 1968 A/B-Body, All V8 Applications
 77R06300 Heater Hose, w/o AC, 1969 A/B-Body, All V8 Applications
 77R06306 Heater Hose, w/o AC, 1970 A/E-Body, All V8 Applications
 77R06302 Heater Hose, w/o AC, 1970 B-Body, All V8 Applications
 77R06304 Heater Hose, w/o AC, 1971 B-Body, All V8 Applications
 77R06310 Heater Hose, w/o AC, 1971 E-Body, All V8 Applications
 77R06308 Heater Hose, w/o AC, 1972 A/B/E-Body, All V8 Applications

Lower Radiator Hoses (Not Shown)

P3462165 Radiator Hose, Lower, 318/ 340, 1970-71 A/B/E-Body
 P2658931 Radiator Hose, Lower, 383 & 440, 1967-68 B-Body
 P2863245 Radiator Hose, Lower, 383/ 440-4/ 440-6, 1969 B-Body
 P2863256 Radiator Hose, Lower, 383/ 440-4/ 440-6/ 426 Hemi, 1970 B/E-Body
 P3462119 Radiator Hose, Lower, 440-4/ 440-6/ 426 Hemi, 1971 B/E-Body

RESTORATION

UNDERHOOD

Upper Radiator Hose (Not Shown)

P2806186	Radiator Hose, Upper, 1967-71 B-Body, w/383-4, 440-4, 440-6 & 426 Hemi, w/26" Radiator
P2863201	Radiator Hose, Upper, 1968 B-Body, B/RB, with 22" Radiator
P2863244	Radiator Hose, Upper, 1969 B-Body, w/383, 440-4, w/26" Radiator
P2863230	Radiator Hose, Upper, 1969 B-Body, w/426 Hemi only
P2863257	Radiator Hose, Upper, 1969-71 B/E-Body, w/383, 440, w/26" Radiator
P3462193	Radiator Hose, Upper, 1970 AAR 'Cuda, T/A Challenger, w/340 Six Pack only
P3462114	Radiator Hose, Upper, 1970-71 B-Body, w/440-6 and 1970-71 B/E-Body w/383, 22" Radiator
P3462113	Radiator Hose, Upper, 1970-71 E-Body, w/426 Hemi and Shaker Hood
P3462184	Radiator Hose, Upper, 1970-71 E-Body, w/426 Hemi and Shaker Hood
P3462116	Radiator Hose, Upper, 1970-71 E-Body, w/440-6 & 440-4, w/22" Radiator

Mounting Brackets (Not Shown)

77R06162	Bracket, Power Steering, Saginaw Style, B/RB/HEMI Applications
77R06159	Bracket, Alternator, w/A/C., B/RB Engines
77R06160	Bracket, Alternator, w/o A.C., B/RB Hemi Engines
77R06168	Bracket, Engine Mounting, LH, B/RB, 1972-93 Dodge Pick-Up, 4X2 & 4X4 Models
77R06167	Bracket, Engine Mounting, RH, B/RB, 1972-93 Dodge Pick Up, 4X2 & 4X4 Models

PCV Valves (Not Shown)

77R06293	PCV Valve, No Ribs, 1970-74 318/ 340/ 360
77R06294	PCV Valve, Steel, 90 degrees, All 1963-69 V8 Applications
77R06292	PCV Valve, Three-Ribbed, 1970-71 B/RB/HEMI

Images are not available
for these parts.

Images are not available
for these parts.

UNDERHOOD

Pulleys (Not Shown)

77R06166	Pulley, Crank, w/AC, Four Groove, B/RB/Hemi Crate, Black
77R06151	Pulley, Crank, w/o AC, Double Groove, A-Eng. (70 up), B/RB/Hemi and all Magnum and Commando Crate Engines
77R06155	Pulley, Crank, w/o AC, Double Groove, A-Eng. (70 up), B/RB/Hemi and all Magnum and Commando Crate Engines, Chrome
77R06152	Pulley, Crank, w/o AC, Single Groove, A/B/RB/Hemi and Magnum Crate Engines
77R06156	Pulley, Crank, w/o AC, w/o P.S., Single Groove, A-Eng (70 up) B/RB/Crate Hemi, Chrome
77R06163	Pulley, Power Steering, w/Nutted Key Shaft, Saginaw Style, 1966-75 B/RB/HEMI Crate Engines, Black
77R06164	Pulley, Power Steering, w/Nutted Key Shaft, Saginaw Style, 1966-75 B/RB/HEMI Crate Engines, Chrome
77R06165	Pulley, Power Steering, w/Press Fit Shaft, Saginaw Style, B/RB/HEMI Crate Engines
77R06153	Pulley, Water Pump, w/o AC, A-Eng., Commando and Magnum Crate Engines
77R06158	Pulley, Water Pump, w/o AC, A-Eng., Commando and Magnum Crate Engines, Chrome
77R06154	Pulley, Water Pump, w/o AC, B/RB/Crate HEMI
77R06150	Pulley, Water Pump, w/o AC, B/RB/HEMI Applications, Black
77R06157	Pulley, Water Pump, w/o AC, B/RB/HEMI Applications, Chrome

DASHBOARDS AND COMPONENTS

Dash Bezels (Not Shown)

77R06039	Dash Bezel Kit, Black, 5 Pieces, 1968 B-Body
77R06040	Dash Bezel Kit, Black, 5 Pieces, 1969 B-Body
77R06043	Dash Bezel Kit, Black, 5 Pieces, 1970 B-Body
77R06041	Dash Bezel Kit, Woodgrain, 5 Pieces, 1969 B-Body
77R06042	Dash Bezel Kit, Woodgrain, 5 Pieces, 1970 B-Body
77R06046	Dash Gauge Bezel Housing, 3 & 4 Switch Side Pod, Rallye, 1970-74 E-Body, Black
77R06045	Dash Gauge Bezel Housing, Rallye, 1970-74 E-Body, Black

Gauge Components (Not Shown)

77R06056	Cable, Clock Reset, Bezel Not Included
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RESTORATION

DASHBOARDS AND COMPONENTS

Gauge Lense (Not Shown)

- 77R06083 Gauge Indicator Lenses, Rallye, 1970-74 E-Body, (Sold In a Set of 3)
- 77R06082 Gauge Lense, Clear, Rallye, 1970-71 E-Body
- 77R06084 Gauge Lenses, Clear, Rallye, 1970-74 E-Body, (Sold In a Set of 3)

See the "Performance Gauges" section in this catalog for additional gauge options.

Switches (Not Shown)

- 77R06057 3- Switch, Woodgrain Rallye, With Fascia and Mounting Bracket, 1970-71 E-Body
- 77R06060 3- Switch, Woodgrain Rallye, With Fascia and Mounting Bracket, 1972-74 E-Body
- 77R06059 4- Switch, Wood Grain Rallye, Top Lift with Fascia and Mounting Bracket, 1970-71 E-Body
- 77R06061 4- Switch, Wood Grain Rallye, With Rear Defrost, Fascia and Mounting Bracket, 1972-74 E-Body

HANDLES

A. Exterior Door Handles

- 03454391 Door Handle, Exterior, Left, 1968-70 B-Body, 1968-76 A-Body
- P3760215 Door Handle, Exterior, Left, 1970-74 Challenger/'Cuda
- 03454390 Door Handle, Exterior, Right, 1968-70 B-Body, 1968-76 A-Body
- P3760214 Door Handle, Exterior, Right, 1970-74 Challenger/'Cuda
- 03739844 Gasket, Door Handle, For Use With 03454390/1
- 77R06035 Handle, Door, Left, 1968-70 B-Body, 1968-75 A-Body
- 77R06034 Handle, Door, Right, 1968-70 B-Body, 1968-75 A-Body

Interior Handles/ Levers (Not Shown)

- 77R06068 Door Handle, Interior, 1968-70 B-Body, Sold as a Pair
- 77R06071 Door Handle, Interior, Challenger, Sold as a Pair
- 77R06072 Door Handle, Interior, 'Cuda, Sold as a Pair
- 77R06069 Door Handles, Interior, 1971-74 B-Body, Sold as a Pair
- 77R06101 Door Locks, Interior, E-Body, Sold as a Pair
- 77R06070 Handle, Window Crank, 1968-74 B/E Body, Sold As a Set of Four
- P2947953 Turn Signal Lever, 1970-74 Dodge Challenger and Plymouth Barracuda/'Cuda Applications
- 77R06284 Turn Signal Lever, A/B/E-Bodies



A. 03454391



A. P3760214



A.

EXHAUST SYSTEMS

A. Exhaust Tips

- 77R06139** Exhaust Tips, 2-1/2" Stainless Steel, 1970-74 'Cuda, Pair
- 77R06135** Exhaust Tips, Long, 1971-74 B-Body, 2-1/2" Black, Chrome Slotted, Pair
- 77R06136** Exhaust Tips, Short, 1971-74 B-Body, Red, Chrome Slotted, Pair

GAS CAPS

Flip Top (Not Shown)

- 77R06063** Gas Cap, Flip Top, Challenger, Includes Cap & Trim Ring

GRILLES AND HEADLAMP BEZELS

B. Road Runner Grille

Who offers brand-new grilles manufactured to original equipment specifications? Mopar, of course! Add this beautiful reproduction to your ride and be the envy of all. No modifications necessary.

- P5153427** Grille, 1969 Road Runner
- P5153416** Grille, With Headlamp Bezels, 1969 Road Runner



B.

C. Grille and Headlamp Bezel Package

Now you can replace the grille and headlight bezels for your classic without having to break the bank. This complete package will make your ride stand apart from the crowd. High-quality reproduction pieces are made to original equipment specifications.

- 77R06169** Grille, With Headlight Bezels, 1970 Plymouth AAR 'Cuda
- 77R06149** Grille, With Headlight Bezels, 1970 Plymouth Barracuda
- 77R06067** Grille, with Rectangular Chrome Bezels, 1971 'Cuda AAR/Grand Coupe, Sold as a set (Mounting Clips not Included)



C.

D. 'Cuda Lower Front Grille

If the lower front grille on your muscle car is badly scratched, distorted or cracked, replace it with this brand-new piece from Mopar. This high-quality reproduction fits perfectly and includes the turn signal light casings. It is durable and paintable. Get one now at a price that can't be beat.

- 03672933** Grille, Front, Lower, 1972-74 'Cuda



D.

Questions? Call the Mopar Direct Connection Techline at 1-888-528-HEMI (4364)

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RESTORATION

GRILLES AND HEADLAMP BEZELS

A. Headlamp Bezels

Headlight Bezels need replacing but you don't have time to search for individual matching pieces? No problem! Mopar offers this high-quality reproduction set for all owners who demand the very best. No modifications necessary.

- P5153417 Bezels, Headlamp, 1969 Road Runner, Set
- 77R06049 Bezels, Headlamp, 1971 'Cuda, Black, Unfinished
- 77R06050 Bezels, Headlamp, 1971 'Cuda, Chrome, Set of 4
- 77R06130 Bezels, Headlamp, 1972-74 Challenger, Set of 4

Grille Trim (Not Shown)

- 77R06140 Grille Trim, 1970 'Cuda, Sold as a Set of Four Pieces
- 77R06141 Grille Trim, 1971 'Cuda, Includes all 10 Stainless Trim Pieces

Headlamp Brackets (Not Shown)

- 77R06054 Brackets, Headlight, 1971 'Cuda, Brackets that mount to the headlight bucket for the 4 light setup including mounting feet, Pair
- 77R06053 Brackets, Road Lamp, 1970 'Cuda, Pair
- 77R06055 Brackets, Road Lamp, 1971 'Cuda, Pair

Splash Shield (Not Shown)

- 77R06131 Splash Shield, Inner Headlight, 1970-74 'Cuda, Except 1971, Sold as a Pair
- 77R06134 Splash Shield, Inner Headlight, 1971 'Cuda, Sold as a Pair

RACKS

Luggage Racks (Not Shown)

- 77R06129 Luggage Rack, Chrome, 1970 Charger
- 77R06128 Luggage Rack, Chrome, E-Body

TRUNK

Jack Hook (Not Shown)

- 77R06073 Jack Hook, E-Body 100
- 77R06074 Jack Hook, E-Body 101
- 77R06075 Jack Hook, E-Body 102



A.

SHIFTERS AND SHIFT IMPROVEMENT KITS

A. Shifter Boot

If your shifter boot is damaged, worn or missing, we've got you covered. This quality reproduction looks great and uses the same materials as the original production unit.

- 03467764 Shifter Boot, 1967-76 Dart/Demon/Duster
- P3467766 Shifter Boot, 1970-74 'Cuda/Challenger, 1971-74 Road Runner/GTX and Charger
- 77R06051 Shifter Boot, 4-Speed Rubber, 1966-70 B-Body

Console (Not Shown)

- 77R06291 Console, Automatic, Black, 1967-70 B/C-Body
- 77R06290 Console, Four Speed, Black, 1967-70 B/C-Body

Console/Shifter Plate (Not Shown)

- 77R06124 Console Plate, 4-Speed, 1968 B-Body
- 77R06126 Console Plate, 4-Speed, Woodgrain, 1969-70 B-Body
- 77R06127 Shifter Plate, Automatic, Chrome, 1970-74 B/E-Body
- 77R06002 Bolt Package, Shifter Plate, Self-Locking

Shift Knob (Not Shown)

- 77R06289 Shift Knob Kit, Automatic, Includes Shifter Button and Spring, 1969-70 B-Body, 1970 E-Body, 1969-74 A-Body

SHEETMETAL

B. Front Fender

Why spend a lot of time and money bringing old fenders back to life when you can purchase these competitively-priced brand-new parts? These all-steel fenders are manufactured to original equipment specifications and fit perfectly with no drilling or modifications required.

- 77R06273 Fender, Front, Left, 1970 Barracuda/'Cuda
- P5153389 Fender, Front, Left, 1970-71 Challenger
- 77R06275 Fender, Front, Left, 1971 Plymouth Barracuda
- 77R06277 Fender, Front, Left, 1971 Plymouth 'Cuda
- P5153391 Fender, Front, Left, 1972-74 Challenger
- 77R06279 Fender, Front, Left, 1972-74 Plymouth Barracuda/'Cuda
- 77R06274 Fender, Front, Right, 1970 Barracuda/'Cuda
- P5153390 Fender, Front, Right, 1970-71 Challenger
- 77R06276 Fender, Front, Right, 1971 Plymouth Barracuda
- 77R06278 Fender, Front, Right, 1971 Plymouth 'Cuda
- 77R06280 Fender, Front, Right, 1972-74 Barracuda/'Cuda
- P5153392 Fender, Front, Right, 1972-74 Challenger
- 77R06256 Inner Fender, Left, 1970-74 E-Body, 1971-72 B-Body
- 77R06257 Inner Fender, Right, 1970-74 E-Body, 1971-72 B-Body
- 77R06122 Fender Gill Mounting Plates, 1971 'Cuda, Set of Four
- 77R06066 Fender Gills, 1971 'Cuda, Includes Gasket, Sold as Kit of 8



A.



B.



B.



B.



B.

RESTORATION

SHEETMETAL

A. Quarter Panel

Get it right the first time. Mopar's new steel replacement Quarter Panels are manufactured to O.E. specifications and are exact reproductions with no modifications. Installation requires welding.

- 77R06281 Quarter Panel, Left, 1970 Plymouth B-Body 2-Door Hardtop
- P5153419 Quarter Panel, Left, 1970-71 Barracuda
- P5153395 Quarter Panel, Left, 1970-71 Challenger
- P5153421 Quarter Panel, Left, 1972-74 Barracuda Hardtop
- P5153397 Quarter Panel, Left, 1972-74 Challenger
- 77R06282 Quarter Panel, Right, 1970 Plymouth B-Body 2-Door Hardtop
- P5153420 Quarter Panel, Right, 1970-71 Barracuda
- P5153396 Quarter Panel, Right, 1970-71 Challenger
- P5153422 Quarter Panel, Right, 1972-74 Barracuda Hardtop
- P5153398 Quarter Panel, Right, 1972-74 Challenger

B. Cowl Panel

- 77R06258 Cowl Panel, Lower Left Side, 1970-74 E-Body
- 77R06259 Cowl Panel, Lower Right Side, 1970-74 E-Body

C. Floor Pan

- 77R06261 Floor Pan, Center, Left, With Rear Seat Footwell, 1970-74 E-Body
- 77R06262 Floor Pan, Center, Right, With Rear Seat Footwell, 1970-74 E-Body
- 77R06260 Floor Pan, Front, 1970-74 E-Body, 1971-74 B-Body
- 77R06263 Floor Pan, Rear, Under Rear Seat Footwell, 1970-74 E-Body

D. Tail Panel

- 77R06268 Tail Panel, Rear, 1970 Challenger

E. Trunk Floor

- 77R06267 Trunk Floor, Brace, 1970-74 E-Body, 1971-73 B-Body
- 77R06266 Trunk Floor, Complete, 1970-74 Dodge Challenger
- 77R06271 Trunk Floor, Complete, 1970-74 Plymouth Barracuda



A.



B.



C.



C. 77R06260



C. 77R06263



D.



E. 77R06267



E.



E. 77R06271



A. 02889803



A. 03431590



B.



C.



D. P1828352



D. 03404404

WASHER RESERVOIRS

A. Windshield Washer Reservoir

When judges look under the hood, a sparkling clean Windshield Washer Reservoir really stands out. If yours is yellow or cracked, don't clean it. Instead, replace it with a brand-new one from Mopar. Exact reproduction; uses production hardware.

- P2889803 Windshield Washer Reservoir, 1967-70 B-Body
- P2809011 Windshield Washer Reservoir, 1967-82
- P2497502 Windshield Washer Reservoir, 1968-69 A-Body w/2-Speed Wipers, Restoration
- 03431074 Windshield Washer Reservoir, 1970-71 E-Body/ 1971 B-Body
- 03431154 Windshield Washer Reservoir, 1970-73 C-Body
- P3431154 Windshield Washer Reservoir, 1970-73 C-Body
- 02983067 Windshield Washer Reservoir, 1970-75 A-Body/Duster/Dart/Demon/Swinger/Valiant
- P3431590 Windshield Washer Reservoir, 1972-74 B/E-Body
- 03431590 Windshield Washer Reservoir, 1972-74 E-Body/ 72 B-Body

BATTERY INSTALLATION

B. Restoration Battery Tray

Replace that rusty or missing battery tray with a new Mopar restoration unit. Manufactured to exact specifications, this tray comes e-coated to protect it from chemical and moisture exposure. This tray fits all 1970-74 E-Body and 1971-74 B-Body applications.

- P2925322 Battery Tray, 1970-74 E-Body/ 1971-74 B-Body, Restoration

C. Battery Hold-Down Hardware

Your Battery Hold-Down Hardware is old and rusty. You could try and paint it, but that would subtract valuable judging points at the local show 'n shine. Mopar now carries brand-new original equipment-style hardware, so you don't have to spend time searching when you can be enjoying more time behind the wheel.

- P3151736 Battery Hold-Down Nut, Fits all 1962-1974 A/B/E-Body Applications.
- 02534814 Battery Hold-Down Stud, Long, Outer

D. Battery Hold-Down Strap

- P1828352 Battery Hold-Down Strap, 1963-69 A-Body, 1964-69 B-Body, 1968-73 C-Body
- 03404404 Battery Hold-Down Strap, 1970-76 A-Body, 1970-73 B-Body, 1970-74 E-Body

RESTORATION

BATTERY INSTALLATION

A. Positive/Negative Battery Cables

Nothing is more embarrassing than having your muscle car not start and having to ask your buddy for a jump at the end of a cruise night. More often than not it's the fact you forgot to replace those worn out and corroded battery cables. Make sure to use original Mopar replacement battery cables when working on your car's electrical system.

- 02983778** Battery Cable, Negative, 1970-72 B/E-Body with 318/340/ 383/ 400/ 440 Engine, 1970-72 A-Body with 318/340 Engine
- 02983649** Battery Cable, Positive, 1971-72 B-Body with 383/400/ 440 Engine, 1970-71 E-Body with 383/ 440 engine
- 03764166** Battery Cable, Positive, 1972 B-Body, E-Body with 318/ 340 engine



A.

HEAT SHIELDS

B. 340 Exhaust Manifold Heat Shield

This heat shield fits all 1968-70 340 engines with the HP-style driver's side exhaust manifold and it protects the spark plug wire boot from contacting the manifold.

- 1 P2946105** Heat Shield, Exhaust Manifold, Driver's Side, 340



B.

OILING COMPONENTS

C. Restoration Oil Filters

Mopar has reissued these service replacement oil filters, used in the 1960s and 1970s. The white filter was used from the 1960's throughout the 70's. The high-performance white filter (P4529805) was recommended for use in competition from 1965 to 1974. The black filter was used from the late 1950's through the early 60's. These filters may not fit some V8 applications (those after 1972 requiring short filters).

- P4529806** Oil Filter, Black with Yellow Mopar logo, 1962-66 V8, Restoration
- 77R06287** Oil Filter, Factory Assembly Line Style, 1966-71 V8 and Six Cylinder Applications, Restoration
- P4529187** Oil Filter, White With Blue Stripe, 426 Hemi/Big Block/Small Block, Restoration
- P4529805** Oil Filter, White with Red Stripe, High-Performance, Restoration



C.



A.



B.



C.



D.

AIR SYSTEMS

A. Air Cleaner Wing Nut

Judges notice everything, right down to the wing nut on your air cleaner. This exact factory reproduction guarantees you won't lose valuable judging points the next time you're at the Mopar Nationals. Sold individually.

77R06283 Wing Nut, Air Cleaner, V-8

ENGINE PAINT

B. Engine Paint

Mopar enamel engine paint is matched to OEM colors to keep your engine compartment looking original. 16-ounce cans.

- P4120753AB Engine Paint, Black, 1981-93 2.2L and 1983-00 318/360 Small Block
- P4349217AB Engine Paint, Blue, All 1972-83 Engines, Except 2.2L and 1964-69 318
- P4529149 Engine Paint, Gold
- P4120751AB Engine Paint, Hemi Orange, 1964- 65 Race Hemi, 1962- 64 Max Wedge
- P4349218AB Engine Paint, Red, 1964- 69 273/ 1968- 69 340/ 1964- 69 360 Small Block
- P4529148 Engine Paint, Silver
- P4349216AB Engine Paint, Street Hemi Orange, 1966-71 Hemi, 1970-71 HP 340/383/440
- P4120752AB Engine Paint, Turquoise, 1962- 71 Big Block except High Performance, 1969- 71 383/440 Big Block

COOLING SYSTEMS

C. Radiator Cooling Fan Shrouds- 26.00"

- P2785434 Fan Shroud, Radiator, 1967-69 426 Hemi, 383/440 Big Block B-Body, Five-Stud Mounting, Restoration
- P2998326 Fan Shroud, Radiator, 1970-73 426 Hemi, 383/440 Big Block B/E-Bodies, Four-Screw Mounting Shown, Restoration

D. Radiator Cap

When you open the hood, it's right there where everyone can see it -- especially the judges. If your radiator cap is more than ten years old or just looks bad, replace it with this original equipment-quality piece.

77R06021 Radiator Cap, 16 lb. (22" and 26" Radiator)

RESTORATION

IGNITION AND ELECTRONICS

A. Turn Signal Switch Assembly

Why pay good money at a swap meet for an old, used turn signal switch assembly when Mopar offers brand-new units for the same price? This high-quality assembly is an exact reproduction. It installs easily with no modifications necessary.

04293102 Turn Signal Switch, Assembly, 1970-76 A/B/E-Bodies



A.

B. Ignition Coil

This is an exact reproduction of the original factory black unit, right down to the vintage Mopar logo. If your coil is more than ten years old, replace it with this brand-new piece.

¹ 02495531 Ignition Coil, Black with Vintage Mopar Logo, 1972-78 Small-Block/Big-Block/Hemi, Restoration



B.

C. Dual Ballast Resistor

A reissued factory original, as used on 1972 and later with OEM electronic ignitions, and four-pin ballast resistors.

¹ P4529795 Ballast Resistor, Dual, Restoration



C.

D. Ignition Switch

If your ignition switch needs replacing, don't install an old, used piece. For peace of mind, replace it with a brand-new unit from Mopar. This ignition switch is an exact reproduction, and it perfectly replaces your old unit with no modifications necessary.

03747092 Ignition Switch, 1970-74 B/C/E-Body, 1970-76 A-Body



D.

E. Speedometer Cable

When restoring your classic, why reinstall a speedometer cable that's 30-plus years old, when you can install a brand-new part from Mopar? This original equipment-quality cable will provide years of trouble-free operation and is easy to install.

04897646AA Speedometer Cable, 1968-75 A/B/E-Bodies (without cruise control)



E.

F. Transmission Neutral Safety Switch

P2932820 Neutral Safety Switch, Transmission, Fits 1969-84 A-727 and A-904 Torqueflite applications (Long)



F.

G. Voltage Regulator

For restoration or repair, Mopar offers this factory reissue of the Voltage Regulator, as used on muscle cars of the early 1970s. The regulator is black, with the original Mopar part number imprinted in yellow. Contains modern electronics.

77R06285 Voltage Regulator, 1970, Restoration

77R06286 Voltage Regulator, 1971, Restoration

¹ P4529794 Voltage Regulator, Muscle Car, O. E.



G.

INTERIOR

A. Rocker Sill Plate

Unless your classic has been hermetically sealed since it was new, your rocker sill plates are probably heavily scratched and/or damaged. These quality pieces are precise reproductions that will help make your ride look factory fresh.

- | | |
|-----------------|--|
| 03416002 | Sill Plate, Rocker, 1971–74 B-Body 2-Door, Sold Individually |
| P2879600 | Sill Plate, Rocker, 1970–74 Challenger/ Barracuda, Sold Individually |



A.

B. Steering Wheel

If your steering wheel is cracked, faded or badly damaged, replace it with this high-quality reproduction. Helps your interior look like new.

- | | |
|-----------------|--|
| P5153385 | Steering Wheel, Black, 1968–69 Charger/ Coronet/ Dart/ Road Runner/ GTX/ Barracuda |
|-----------------|--|



B.

C. Arm Rests

- | | |
|-----------------|---|
| 77R06036 | Armrest, B-Body, Front, 13", Sold as a Pair |
| 77R06037 | Armrest, B-Body, Front, 16 1/4", Sold as a Pair |
| 77R06038 | Armrest, B-Body, Rear, 9", Sold as a Pair |

FLOOR MATS

D. Floor Mats, Rubber

These high-quality Rubber Floor Mats are exact reproductions of the factory units. They'll add an authentic look to any classic Mopar.

- | | |
|-----------------|--|
| P5153381 | Floor Mats, Rubber, Black with Mopar Logo |
| P5153382 | Floor Mats, Rubber, Blue with Mopar Logo |
| P5153383 | Floor Mats, Rubber, Dark Green with Mopar Logo |



C.

Floor Mats, Paper (Not Shown)

- | | |
|-----------------|--|
| 77R06178 | Floor Mat, Paper, Dodge, "Customer Car" |
| 77R06177 | Floor Mat, Paper, Plymouth, "Customer Car" |



D.

Questions? Call the Mopar Direct Connection Techline at 1-888-528-HEMI (4364)

¹ Not legal on pollution-controlled vehicles or vehicles registered for highway use.

RESTORATION

MIRRORS

A. Mirrors

Forget about paying an inflated price at a swap meet for a chrome mirror that's scratched or pitted. This brand-new reproduction not only looks great and fits perfectly. New hardware is included.

- 77R06065 Mirror, Gasket, 1971 E-Body, Set
- 77R06111 Mirror, Left, Remote, Chrome, 5.0"
- 77R06104 Mirror, Left, Remote, Chrome, 1970 E-Body
- 77R06110 Mirror, Left, Remote, Chrome, 3.25"
- P3695508 Mirror, Left, Remote, Chrome, with Hardware, 1966-70 B-Body/1968-76 A-Body
- 77R06105 Mirror, Left, Remote, Painted, 1970 E-Body
- 77R06112 Mirror, Left, Remote, Painted, 3.25"
- 77R06113 Mirror, Left, Remote, Painted, 5.0"
- 77R06115 Mirror, Right, Non-Remote, Chrome, 5.0"
- 77R06064 Mirror, Right, Non-Remote, Chrome, 1970 E-Body
- 77R06114 Mirror, Right, Non-Remote, Chrome, 3.25"
- 77R06107 Mirror, Right, Non-Remote, Painted, 1970 E-Body
- 77R06108 Mirror, Right, Non-Remote, Painted, 1970 E-Body
- 77R06116 Mirror, Right, Non-Remote, Painted, 3.25"
- 77R06117 Mirror, Right, Non-Remote, Painted, 5.0"



WHEELHOUSE

B. Outer Wheelhouse

If a quarter panel needs replacement, it's a good bet the Outer Wheelhouse does, too. These steel reproduction units install easily requiring only minor welding, and add a finishing touch to any restoration. Sold individually.

- P5153433 Outer Wheelhouse, Left, 1968-70 B-Body Models- Road Runner/GTX
- P5153403 Outer Wheelhouse, Left, 1968-70 Coronet and Charger
- P5153423 Outer Wheelhouse, Left, 1970-74 Barracuda
- P5153399 Outer Wheelhouse, Left, 1970-74 Challenger
- P5153434 Outer Wheelhouse, Right, 1968-70 B-Body Models — Road Runner/GTX
- P5153404 Outer Wheelhouse, Right, 1968-70 Coronet and Charger
- P5153424 Outer Wheelhouse, Right, 1970-74 Barracuda
- P5153400 Outer Wheelhouse, Right, 1970-74 Challenger

A.



B.

VALENCE

A. Front Valance

Don't let a badly dented or damaged front valance panel ruin the look of your classic. Replace it with this high-quality steel Front Valance reproduction unit. Fits perfectly, with no modifications necessary.

77R06081	Valance, Front Insert, Mounts on the inside of the valance, 1971 'Cuda
P5153407	Valance, Front, 1968-69 Charger
P5153415	Valance, Front, 1970 and 72-74 Barracuda
77R06142	Valance, Front, 1971 'Cuda
P5153388	Valance, Front, 1970-71 Challenger



A.

B. Rear Valance

Over time, the rear valance panel is exposed to a lot of abuse. Mud, rocks, parking curbs-you name it. If yours is less than perfect, replace it with this high-quality steel Rear Valance reproduction. Installs with minimal modifications and will look great for years to come.

P5153426	Valance, Rear, With Exhaust Cutouts, 1970-74 Barracuda
P5153425	Valance, Rear, Without Exhaust Cutouts, 1970-74 Barracuda
P5153412	Valance, Rear, 1968 Charger
P5153413	Valance, Rear, 1969-70 Charger
P5153402	Valance, Rear, With Dual Exhaust Cutouts, 1970-74 Challenger
P5153401	Valance, Rear, Without Dual Exhaust Cutouts, 1970-74 Challenger

Note: Charger requires cutting/welding and replacement corner pieces.

LAMPS AND LENSES

Front Marker (Not Shown)

77R06100	Housing, Front Marker, Mounts In The Front Valance, Includes Housing, Pig Tail, and Lens, 1971 'Cuda, Pair
77R06095	Housing, Front Marker, Mounts in the Grille, Includes Housing, Pig Tails, and Lenses, 1970 'Cuda, Sold as a Pair
77R06086	Lens, Front Marker, Amber, 1970-71 Challenger, Pair

Parking (Not Shown)

P5153408	Lens, Parking Lamp, Left, 1968-69 Charger
P5153409	Lens, Parking Lamp, Left/Right, with Gaskets, 1968-69 Charger
P5153428	Lens, Parking Lamp, Left/Right, with Gaskets, 1968-69 Road Runner and GTX
P5153410	Lens, Parking Lamp, Right, 1968-69 Charger
P5153575	Lens, Parking Lamp, Right, 1968-69 Plymouth B-Body



B.

Questions? Call the Mopar Direct Connection Techline at 1-888-528-HEMI (4364)

¹ Not legal on pollution-controlled vehicles or vehicles registered for highway use.

RESTORATION

LAMPS AND LENSES

A. Side Marker

- 77R06032
77R06078 Housing, Front Side Marker, With Pigtail, 1970-71 Challenger, Pair
- P5153387 Housing, Front/Rear Side Marker, 1969 Super Bee, Coronet R/T, Charger R/T, Road Runner and GTX
- 77R06097 Housing, Front/Rear Side Marker, Includes Housing, Lens, and Pig Tails, 1970-71 Challenger
- 77R06098 Housing, Side Marker, Includes Housing, Pig Tail, and Lens, 1970-71 'Cuda
- 77R06088 Lens, Front Side, Amber, 1970-71 'Cuda, Set of 4
- P5153384 Lens, Front Side, Marker, Amber, 1969 Super Bee, Coronet R/T, Charger R/T, Road Runner, GTX
- 03587436 Lens, Front Side, Marker, Amber, 1972-75 B-Body, 1972-74 E-Body, 1972-76 A-Body, 1976-80 F-Body
- 77R06089 Lens, Rear Side, Marker, 1970-71 'Cuda, Set of 4
- P5153386 Lens, Rear Side, Marker, Red, 1969 Super Bee, Coronet R/T, Charger R/T, Road Runner and GTX
- 03587440 Lens, Rear Side, Marker, Red, 1972-75 B-Body, 1972-74 E-Body, 1972-76 A-Body, 1976-80 F-Body
- 77R06087 Lens, Side Marker, Red, 1970-71 Challenger, Pair

Tail Light (Not Shown)

- 77R06076 Housing, Tail Light, 1970 Challenger, Set of 3
- 77R06090 Lens, Tail Light, Rear, 1971 Charger RT/SE, Pair
- 77R06092 Lens, Tail Light, Rear, 1971 Road Runner /GTX, Pair
- 77R06093 Lens, Tail Light, Rear, 1971-72 Charger RT/SE, Pair

Turn Signal (Not Shown)

- 77R06091 Lens, Front Turn Signal, Mounts In Front Valance, 1971 'Cuda, Pair
- 77R06085 Lens, Front Turn Signal, Mounts In The Grille, 1970 'Cuda, Pair
- 77R06096 Turn Signal Indicator, Top Front Fender, Includes Housing, Lens, Bulb, and Pigtail, 1970 Challenger, Pair
- 77R06099 Turn Signal Indicator, Top Front Fender, Includes Housing, Lens, Bulb, and Pigtail, 1971 'Cuda/Roadrunner, Pair



A.



A.



A. Road Runner



B. P3612874



B. P3505419



B. P3680304



B. P3446861

EMBLEMS AND DECALS

A. Decals, Road Runner

Mopar offers replacement Decals for doors, hoods, and decklids to perfectly match the style you need. If your decals are damaged or badly faded, replace them with these brand-new pieces.

- P2842756 Road Runner Decal, 1968 Plymouth Road Runner, Deck Lid
- P2842757 Road Runner Decal, 1968 Plymouth Road Runner, Left Door
- P2842873 Road Runner Decal, 1968 Road Runner, Deck Lid
- P2842758 Road Runner Decal, 1968 Road Runner; Right Door
- P4022410 Road Runner Decal, 1968 Road Runner; Right Door
- P4022411 Road Runner Decal, Right
- P3749059 Road Runner Decal, Road Runner with Plymouth, 1971-74
- P3672656 Road Runner Decal, Standing Style Road Runner with Helmet Inside Circle, 1971-75 Road Runner, Rear Deck Lid
- P2964116 Road Runner Decal, Standing Style Road Runner with Helmet, 1969-70 Road Runner Rear Deck Lid

B. Emblems, A-Body

Mopar Emblems are exact, high quality reproductions. They are manufactured using the same materials and attention to detail as the originals. Don't put up with damaged, pitted or scratched nameplates anymore—replace them with these eye-catching works of art.

- P3612874 340 Emblem, 1970 Swinger, 1972 Demon, 1973 Dart Sport
- P3505419 Dart Emblem, 1970-75 Dart
- P3680304 Duster Emblem, 1972-75 Duster
- P3446861 Swinger Emblem, 1970-75 Swinger, Deck Lid and Quarter Panel

RESTORATION

EMBLEMS AND DECALS

A. Emblems, B-Body

Mopar Emblems are exact, high quality reproductions. They are manufactured using the same materials and attention to detail as the originals. Don't put up with damaged, pitted or scratched nameplates anymore—replace them with these eye-catching works of art.

- P3573632 340 Magnum Emblem, 1972-73 Charger, Hood
- P3443627 383 Magnum Emblem, 1971 Charger Super Bee, Hood
- P3574059 400 Magnum Emblem, 1972-74 Charger, Hood
- P3613278 440 Emblem, 1969 GTX, 1969-70 Coronet R/T and Super Bee, Hood
- P3443516 440 Magnum Emblem, 1971-74 Charger, Hood
- P2841886 Charger Emblem, 1966-74 Charger
- P3504807 Charger Emblem, 1971-74 Charger, Front Fender
- P2785518 GTX Emblem, 1967 GTX, Front Fender
- P3504289 GTX Emblem, 1969-71 GTX, 1972-74 Road Runner, Quarter Panel and Deck Lid
- P3680160 GTX Emblem, 1973-74 GTX Front Fender, 1970 GTX Road Runner Rear Deck Lid
- 77R06102 Header Panel Medalion, Mounts In The Center Of The Header Panel, 1972 Roadrunner
- P3691667 Magnum Emblem, 1972-74 Charger, Hood
- P2998042 Plymouth Emblem, 1970 Road Runner and GTX, 1971 Barracuda, Hood
- P2785791 Plymouth Emblem, 1970-72 Duster, 1968-69 Road Runner and GTX, Hood
- P3444927 Plymouth Emblem, 1970-72 Road Runner/GTX/Barracuda/Duster, Hood and Deck Lid
- P2785579 R/T Emblem, 1968 Coronet R/T, Front Fender
- P2786711 R/T Emblem, 1968 Coronet R/T, Grille
- P2901812 R/T Emblem, 1969 Charger R/T, Coronet R/T, Quarter Panel
- P2898886 R/T Emblem, 1969 Coronet R/T, Grille
- P3505490 Road Emblem, 1969-75 Road Runner
- P3505491 Runner Emblem, 1969-75 Road Runner
- P2782966 Special Edition Emblem, 1966-70 Charger and Coronet
- P2964635 Super Bee Emblem, 1969 Super Bee, Deck Lid
- P2949303 Super Bee Emblem, 1969 Super Bee, Grille
- P2998065 Super Bee Emblem, 1970 Super Bee, Hood
- P2998749 Super Bee Emblem, 1970 Super Bee, Power Bulge Hood



A. P3574059



A. P3613278



A. P3443516



A. P2841886



A. P3504289



A. P3680160



A. P3691677



A. P3444927



A. P2901812



A. P3505490



A. P3505491



A. P2782966

EMBLEMS AND DECALS

A. Emblems, B-Body (Continued)



A. P2998065

RESTORATION

EMBLEMS AND DECALS

A. Emblems, E-Body

Mopar Emblems are exact, high quality reproductions. They are manufactured using the same materials and attention to detail as the originals. Don't put up with damaged, pitted or scratched nameplates anymore—replace them with these eye-catching works of art.

- P3443247 340 Four-Barrel Emblem, 1970-73 Challenger, Hood
- P3691468 360 Four-Barrel Emblem, 1974 Challenger, Hood
- P2998801 383 Magnum Emblem, 1970-71 Challenger, Hood
- P2998800 426 Hemi Emblem, 1970-71 Challenger, 1971 Charger, Hood
- P2998802 440 Magnum Emblem, 1970 Challenger, 1972-74 Charger, Hood
- P2998804 440 Six Pack Emblem, 1970-71 Challenger, 1971 Charger, Hood
- P3462492 440 Six Pack Emblem, 1970-71 Challenger, Left, Hood
- P3462491 440 Six Pack Emblem, 1970-71 Challenger, Right, Hood
- P3444938 Challenger Emblem, 1970-74 Challenger
- P5153394 Challenger R/T and Rallye, 1970-74, Hood Scoop Ornament Set, Left/Right
- P3443159 'Cuda 340 Emblem, 1970-73 'Cuda, Hood
- P2998796 'Cuda 383 Emblem, 1970-71 'Cuda, Hood
- P2998798 'Cuda 440-6 Emblem, 1970-71 'Cuda, Hood
- P3445223 R/T Emblem, 1970 Challenger R/T, Fender and Deck Lid
- P2998547 R/T Emblem, 1970-71 E-Body, Grille

B. Emblems, D-O-D-G-E

Mopar Emblems are exact, high quality reproductions. They are manufactured using the same materials and attention to detail as the originals. Don't put up with damaged, pitted or scratched nameplates anymore—replace them with these eye-catching works of art.

- P2579655 D Emblem, 1966-74 Dodge Vehicles
- P2579656 O Emblem, 1966-74 Dodge Vehicles
- P2579657 G Emblem, 1966-74 Dodge Vehicles
- P2579658 E Emblem, 1966-74 Dodge Vehicles

Emblems, Chrysler (Not Shown)

Mopar Emblems are exact, high quality reproductions. They are manufactured using the same materials and attention to detail as the originals. Don't put up with damaged, pitted or scratched nameplates anymore—replace them with these eye-catching works of art.

- 77R06288 Chrysler Pentastar Emblem, RH Fender



A. P3443247



A. P3691468



A. P2998801



A. P2998800



A. P3462491



A. P3444938



A. P5153394



A. P3443159



A. P2998796



A. P2998798



B.



A. P3412427



A. P2998896



A. P3412423

EMBLEMS AND DECALS

Decals, Air Cleaner Lid (Not Shown)

Mopar offers replacement Decals for doors, hoods, and decklids to perfectly match the style you need. If your decals are damaged or badly faded, replace them with these brand-new pieces.

77R06184	340 SIX BARREL Decal, Air Cleaner Lid
77R06185	340 SIX PACK Decal, Air Cleaner Lid
77R06183	426 HEMI Decal, Air Cleaner Lid
77R06182	440 MAGNUM SIXPACK Decal, Air Cleaner Lid
77R06181	440 SIX BARREL Decal, Air Cleaner Lid

A. Decals, Hood

Mopar offers replacement Decals for doors, hoods, and decklids to perfectly match the style you need. If your decals are damaged or badly faded, replace them with these brand-new pieces.

P3412427	440 6-bbl Decal, 1969-1/2 Road Runner, Hood
P2998896	440+6 Decal, 1970 Road Runner/GTX, Hood
77R06176	Shaker Decal, Hood
P3412423	SIX PACK Decal, 1969-1/2 Super Bee, Hood

Decals, Air Cleaner Element Service (Not Shown)

Mopar offers replacement Decals for doors, hoods, and decklids to perfectly match the style you need. If your decals are damaged or badly faded, replace them with these brand-new pieces.

77R06170	Service Decal, Air Cleaner Element, 1968-71 340 4bbl., 383 4bbl., and 440 4bbl. w/o Air Induction
77R06173	Service Decal, Air Cleaner Element, 1969 1/2, Set of 2
77R06171	Service Decal, Air Cleaner Element, 1969-71 All vehicles w/Multi-Carburetion Air Induction -Type Hoods, All AAR and T/A cars.
77R06172	Service Decal, Air Cleaner Element, 1970 AAR and T/A applications

Decals, Radiator Service (Not Shown)

Mopar offers replacement Decals for doors, hoods, and decklids to perfectly match the style you need. If your decals are damaged or badly faded, replace them with these brand-new pieces.

77R06175	Radiator Service/Warning Decal, Chrysler
77R06174	Radiator Service/Warning Decal, Mopar

RESTORATION

EMBLEMS AND DECALS

Decals, Miscellaneous (Not Shown)

Mopar offers replacement Decals for doors, hoods, and decklids to perfectly match the style you need. If your decals are damaged or badly faded, replace them with these brand-new pieces.

P5153481	392 Hemi Decal
77R06180	Chrysler Airtemp Decal, Window
77R06179	Factory Race Car Disclaimer Decal, 1964-65 and '68 Super Stock Hemi
P5153809	Super Stock Shoot Out Decal

WHEEL COMPONENTS

A. Trim Rings

These 14" and 15" Trim Rings for Rallye, Road and Steel wheels are available in either chrome or brushed finish. They are made from the original tooling and have the correct retaining ring for a proper fit.

P3461222	Trim Ring, Brushed, 15", 15" x 7" Rims
P3461043	Trim Ring, Chrome, 15", 15" x 7" Rims
P5153310	Trim Ring, Deep Dish, Bright Finish, 15" X 6.5" Rallye Wheel, Road Wheel and Steel Wheel Applications,

B. Rallye Wheel Center Caps

Made from original tooling with correct astrotone finish.

P3461458	Center Cap, Rallye Wheel, 4.500" Bolt Circle, All 1972-75 Applications
P3461066	Center Cap, Rallye Wheel, 4.500" Bolt Circle, Dark Argent Finish, All 1971 Applications
P4510579	Center Cap, Rallye Wheel, 4.500" Bolt Circle, Light Argent Finish, All 1970 Applications
77R06144	Center Caps, Rallye Wheel, Small Bolt Pattern, 1970 A-Body, Set of 4
77R06143	Center Caps, Rallye Wheel, Small Bolt Pattern, 1971 A-Body, Set of 4
P3580466	Center Dome, Road Wheel, 1966-78

C. Wheel Stud Sets

Studs are heavy-duty and extra long to allow use of wheel spacers. Set contains ten studs.

P4120610	RWD Wheel Stud Set — 1/2" Diameter, Disc Brakes (A-, B- and E-Bodies)
P4120625	RWD Wheel Stud Set — 1/2" Diameter, Drum Brakes (A-, B- and E-Bodies)



A.



B.



C.

WHEEL COMPONENTS

A. Lug Nut, Chrome

These O.E.-quality Chrome Lug Nuts are designed for use all Road and Rallye wheel applications along with the 1969 1/2 A12 six-barrel Road Runner and Six Pack Super Bee vehicles. Available in left- and right-hand threads. Sold individually. (1/2-20 SAE thread)

- 02823849 Lug Nut, Chrome, Left-Hand Thread
- 02823848 Lug Nut, Chrome, Right-Hand Thread

Wheel Paint (Not Shown)

Polyurethane formulated Argent Silver paint gives a like-new luster to wheels, grilles and light bezels, for that factory look. Also protects wheels from rust and pitting.

- P4529876 Wheel Paint, Argent



A.

HEMI

GT

PERFORMANCE



AUTHENTIC PERFORMANCE™



MUSCLE_STREET_SPEED_TRAIL

When it comes to walking that fine line at the red line, gain a little street cred with Authentic Performance Parts by Mopar. From the torque-inducing Cold Air Intakes to the INOX stainless steel technology coveted in our Coilover Suspension Kits, every performance part in this catalog was designed by a Chrysler Engineering team that knows how to squeeze out every bit of horsepower and torque to give you the ride of your life. And while you're on the prowl, take a look at our wide selection of audio and appearance upgrades, designed to turn heads as you're turning corners.



PERFORMANCE

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* The "Street" category contains both street legal performance parts and off road only performance/racing oriented parts.

AUTHENTIC PERFORMANCE™



VIPER



PERFORMANCE

VIPER SRT10 POWER KIT

A. Engine Controller - Race

The Mopar Race Engine Controller for the Viper SRT10 is specifically calibrated for use with the Race Camshaft (P4510171) and the Viper 3-inch Race Exhaust (P4510176). It optimizes fuel and air tables for peak performance without catalytic converters, removes the skip shift feature (found on the production model), and is calibrated for premium pump fuel (91 octane minimum). For race use only.

¹ P4510172AB Engine Controller, Race, 2003–06 Viper SRT10

IMPORTANT NOTICE: This device is not legal for use on pollution-controlled vehicles certified for use on streets or highways. Once this device is installed, use of the vehicle on a street or highway is a violation of the Clean Air Act, potentially subjecting the operator and the installer to civil penalties of up to \$32,500 per vehicle depending on the circumstances.

B. Camshaft - Race

Based on the Competition Coupe camshaft. Uses production springs and rocker arms to offer a 6-8 horsepower increase at top end of rpm range. Recommended for use with Race Engine Controller (P4510172AB) and 3-inch Race Exhaust (P4510176).

- Cam lift: 0.320" Intake and 0.320" Exhaust
- Duration at 0.050": 220.00 Intake/230.5 Exhaust
- Cam Centerline = 117° after top dead center

¹ P4510171 Camshaft, Race, 2003–06 Viper SRT10

C. Exhaust System - Race

The Mopar 3-inch Race Exhaust System provides low restriction from manifold to tip. Catalytic converters are eliminated (upstream and downstream), and it has a side exit from the sill that removes H-pipe crossover. This system is more than 30 lbs. lighter than the production exhaust system. The exhaust muffler is tuned to minimize noise where track restrictions are present, yet it yields a deep sounding exhaust note. Recommended package includes Race Engine Controller (P4510172) and Race Camshaft (P4510171). Total performance increase when Controller, Camshaft and Exhaust are used together:

- Horsepower increase = 44 bhp at 4,800 rpm
- Torque increase = 48 ft.-lbs. of torque at 4,800 rpm

¹ P4510176 Race Exhaust System, Exits On Each Side, 3.0" Pipe, 2003-2006 Viper Race Exhaust system, Viper Comp Coupe 8.3L



A.



B.



C.

VALVES AND VALVE TRAIN HARDWARE

A. Valves

Stainless Steel Valves offer improved durability. Standard stem length (5.726") with oversize head diameters. Swirl-polished underhead area. chromed stem and hardened tip. Cylinder Head (P4876869) is no longer available through Mopar.

- ¹ P5007511 Valve, Exhaust, 1.60" Diameter
- ¹ P5007510 Valve, Intake, 2.02" Diameter



A.

B. Rocker Arm Assembly - Race

Tested and proven to be victorious on the "24 Hours of Le Mans" GTS-R. Features individual shaft-mounted rockers with needle bearings on shafts and rocker tips, forged aluminum 1.7:1 ratio rockers, 12-point aircraft quality mounting hardware, and rocker arm adjusters. Rockers mount to one-piece CNC steel billet bar for positive alignment.

- ¹ P5007049 Rocker Arm Package, Race, 1997-01 Viper RT/10



B.

C. Adjustable Timing Chain Set

Matched cam and crank gears with precision-fit, double-roller timing chain. Camshaft must be drilled and tapped for three gear-mounting bolts. Compatible with production performance and aftermarket engine controllers. Camshaft style adjuster for accurate camshaft timing adjustments

- ¹ P4876834 Timing Chain, with Gears, Adjustable, 1997-01 Viper RT/10, 1996-01 GTS/GTS-R



C.

IGNITION AND ELECTRONICS

D. Spark Plug Wire Sets

These suppression-type Spark Plug Wire Sets are compatible with the production Engine Control Unit (ECU). High-temperature, 8.5 mm diameter material for added durability. Individually numbered spark plug terminals and boots. Sold in sets only.

- P5007159 Wire Set, Spark Plug, 8.5 mm, Coils at Back of Engine, 1996.5-2001 Viper RT/10 and 1996-2001 GTS
- P4876435 Wire Set, Spark Plug, 8.5 mm, Coils Under Intake Manifold, 1992-96.5 Viper RT/10

Engine Controller (Not Shown)

- ¹ P5155254 Engine Control Module, Stage 1, 2008-09 Viper

Wiring Harness (Not Shown)

For use with Viper V10 crate engines in non-Viper installations. Includes relays and factory connectors for sensors, sending units, ignition, etc. Features extra long wire leads for universal applications. Instructions and wiring diagram included.

- P5007142 Wiring Harness, Viper Crate Engines



D.

Questions? Call the Mopar Direct Connection Techline at 1-888-528-HEMI (4364)

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* The "Street" category contains both street legal performance parts and off road only performance/racing oriented parts.

VIPER

COOLING SYSTEMS

A. 180 Degree Race Thermostat

Help your engine run cooler under track conditions. Thermostat includes gaskets for both heavy and lightweight engines.

¹ P4876900 Thermostat, Race, 180 Degree, 1992-01 Viper

B. Fan and Control Module

For use with Viper V10 Crate Engine in non-Viper installations. Use with Viper wiring harness (P5007142). Height: 18.00", Width 25.50"; Thickness: 4.50".

¹ P5007266 Fan and Control Module, 40 Amp Draw, High Speed 2370 CAM, Low Speed 2020 CAM, Viper V10 Crate Engine



A.

B.

C. Underdrive Crank Pulley and Drive Belts

Originally developed for the Competition Coupe. Improves water pump efficiency at high rpms. Constructed of hard-coated aluminum. Requires one of the available Accessory Drive Belts.

- ¹ P4510177 Pulley, Crank, Underdrive, 2003-05 Viper SRT10
- ¹ P4510225 Drive Belt, Accessory, 2003-04 Viper
- ¹ P4510224 Drive Belt, Accessory, for Vehicles with A/C, 2003-05 Viper SRT10
- ¹ P4510233 Drive Belt, Accessory, for Vehicles without A/C, Includes Belt and Three Bolts, 2003-05 Viper SRT10



C.

D.

DIFFERENTIAL COMPONENTS

D. Differential Assemblies

Complete Differential Assemblies with all new components and Mopar Performance Parts gear sets fully assembled to production specifications.

- New aluminum housing with specialty cast-in bosses for Mopar Performance differential cooler fittings
- Bosses are drilled, tapped and plugged in three places, ready for cooler fitting installation
- New production Trac-Lok with upgraded 7/16-inch diameter ring gear retaining bolts
- New improved design pinion seal
- Choice of three Mopar Performance gear sets
- Cast aluminum differential cover/support sold separately as P5007528

- ¹ P5153993 Differential Assembly, 3.06:1 Gear Set, 2008 Viper differential assembly with Visco Loc limited slip differential. This is a direct replacement for 2003-06 and 2008 differential assemblies. Drop your lap times with more forward bite with the improvements to the Visco Loc limited slip.
- ¹ P5007403 Differential Assembly, 4.10:1 Gear Set



D.

DIFFERENTIAL COMPONENTS

A. Ring and Pinion Sets

Stronger than other units currently available in the aftermarket. Note that these are only for Dana Super 44 differentials with 3/8-inch diameter ring gear retaining bolts offered in 1996–06 Viper RT/10 and GTS.

- ¹ P5007022 Ring and Pinion, 3/8" Diameter, 3.73 Gear, 1996–00 Viper RT/10/GTS
- ¹ P5007043 Ring and Pinion, 3/8" Diameter, 4.10 Gear, 1996–00 Viper RT/10/GTS

Ring and Pinion Sets - Race (Not Shown)

Upgraded to stronger 7/16-inch diameter ring gear retaining bolts. Requires Trac-Lok (P5007555, no longer available through Mopar) when installed in 1996–2000 Dana Super 44 differential. The 7/16-inch diameter bolts are included in Buildup Kit (P5007553). 2001 Production Trac-Lok units use 7/16-inch diameter ring gear retaining bolts.

- ¹ P5007526 Ring and Pinion Set, Race, 7/16" Diameter, 3.73 Gear, 2000–05 Viper



A.



B.

TRANSMISSION COMPONENTS

B. Hurst Short-Throw Shifter

Shift throw reduced by 40%. One-piece shift stick and gold anodized billet aluminum construction for durability. Exclusive Black Viper Head Shift Knob is available in your choice of four logo colors and must be ordered separately (shift knob height is reduced for competition feel). This shifter handle does not accept the factory knob, but is designed to accept the shift knobs listed below that have a 1/2-inch - 20 UNF thread.

- P4510168 Shifter, Short-Throw, Hurst, 1992-06 Viper
- P5153302 Shift Knob, Blue Viper Logo
- P5153300 Shift Knob, Red Viper Logo
- P5153301 Shift Knob, Silver Viper Logo
- P5153303 Shift Knob, Yellow Viper Logo

C. Lightweight Flywheel

High-strength alloy steel flywheel is a direct replacement for stock SRT10 part and uses production clutch assembly. Reduction of 9.4 lbs. (31%) in flywheel mass, and 39% in flywheel rotating inertia. No release bearing changes, crank trigger changes or calibration required.

- P4510169 Flywheel, Lightweight, 2003–06 Viper SRT10



C.

Questions? Call the Mopar Direct Connection Techline at 1-888-528-HEMI (4364)

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TRANSMISSION COMPONENTS

A. High-Durometer Transmission Mounts

Urethane mount reduces transmission movement under high-load conditions. Improved life compared to stock rubber mount. Same as used on Viper Competition Coupe.

P4510179 Transmission Mount, High-Durometer, 2003–05 Viper SRT10



Six Speed Transmission Kit (Not Shown)

P5155123 Transmission, 2008 Viper 6-SPD, Includes Transmission, Shifter Base, Prop Shaft, and Crossmember

Clutch Kit (Not Shown)

P5155122 Clutch Conversion Kit, Converts a 2005-06 Viper to a 2008 Dual Disc Clutch, Requires P5155123. Not compatible on Vipers with a Flywheel Crank Trigger

SUSPENSION UPGRADES AND COMPONENTS

B. Stage 3 Coilover Suspension Kit- Race

Coilover Suspension System:

- Two way adjustable
- Lightweight aluminum construction
- Double adjustable (compression and rebound)
- Ride height adjustable
- Bridges the gap between street systems and full race systems

P4510951 Coilover Suspension System, 2-Way Adjustable, 2003-09 Viper SRT10 Coupe, (Non-ACR vehicles)



C. Heat Shield Boots

These flexible Heat Shield Boots lower joint temperature and protect the rubber boots from thermal cracking. Heat shields slip over existing rubber boots — no modifications required. Recommended for racing use, but also good for street applications. Sold individually.

P4510144 Heat Shield Boot, Ball Joint, 1996–06 Viper

P5154374 Heat Shield Boot, Tie Rod, 1996-2009 Viper



D. Solid Steering Gear Mounts

Improves turning and handling response. A direct replacement for rubber isolator mounts found in production Vipers. Constructed of lightweight aluminum for strength and durability.

P4510204 Steering Isolator Mounts, Solid, 1994-06 Viper



A.

B.

C.

D.

AIR SYSTEMS

A. Air Filters - Oiled, O.E.Replacement

Constructed with factory tight seals, engineering level polyurethane, deep four-ply pleats of oiled cotton gauze and two layers of aluminum screen. This filter offers high flow and low restriction, better throttle response, and increased filtration and horsepower. Filters are washable and reusable and come pre-oiled.

P4510940 Air Filter, High Flow, O. E. Replacement, 2003-06 Viper SRT10



A.



B.

B. Smooth Bore Inlet Hoses

ACR production part with correct molded bend and hose end diameters. Provides increased airflow with less turbulence for more horsepower. Five-ply polyester-reinforced silicone shell eliminates collapse due to high vacuum. Features a fluoro-silicone liner for fuel/oil protection and 100,000+ mile durability. Includes two hoses (99-02).

P5007362 Inlet Hoses, Smooth Bore, Black, Viper RT/10 and GTS

EXHAUST SYSTEMS

C. Cat-Back Exhaust System

Add some extra bite to your Viper. This Cat-back Exhaust System features stainless steel construction (including the muffler) with mandrel-bent tubing, which provides horsepower and torque gains, improved fuel economy, and a deeper tone. Includes two mufflers, right and left turn out assemblies, and four 2-1/2-inch clamps.

P4510608 Cat-Back Exhaust System, Single Angle-Cut Tips, Exits On Each Side, 2.50" Pipe, 2003-2006 Dodge Viper, SRT10, 8.3L



C.



D.

D. Performance Exhaust System

Offers low restriction with a performance sound. Made from 304 stainless steel, this system features 3-inch diameter tubing for high-volume flow and factory-style band clamps. Exclusive laser-etched Viper logo on polished stainless steel exhaust tips with rolled rims. Bolt-on replacement for production rear exit exhaust.

P5007274 Cat-Back Exhaust System, Dual Rear Exit Viper Etched Tips, 1996-99 Dodge Viper GTS/RT-10

GTS-R ENGINE PARTS

E. Valve

Stainless steel for improved durability. Stem length is 0.100-inch longer than stock, and head diameter is oversized. Swirl-polished underhead area, chromed stem and hardened tip.

¹ **P5007514** Valve, Exhaust, 1.60" Diameter, 5.826" Stem, Viper GTS-R



E.

Questions? Call the Mopar Direct Connection Techline at 1-888-528-HEMI (4364)

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GTS-R ENGINE PARTS

Serpentine Belt (Not Shown)

Designed to fit Viper GTS-R engine with modified crank, water pump and power steering pump pulleys. 1,877-mm length.

¹ P4876843 Belt, Serpentine, Viper GTS-R

A. GTS-R 8.5 mm Spark Plug Wire Set

For use on GTS-R chassis with front mounted coils only. Suppression-type compatible with Engine Control Unit. High-temperature, 8.5 mm diameter material for added durability. Individually numbered for each cylinder. Production-style spark plug terminals and boots. Sold as a set.

P4876844 Wire Set, Spark Plug, 8.5 mm, GTS-R



A.

AUTHENTIC PERFORMANCE™



EIGHT-CYLINDER LATE MODEL VEHICLES



PERFORMANCE

EIGHT-CYLINDER LATE MODEL VEHICLES

CYLINDER HEADS, GASKETS, AND HARDWARE

A. CNC-Ported Cylinder Heads

Whether on the street or at the track, these bolt-on, CNC-Ported Cylinder Heads are equipped with the highest quality parts and technology available to deliver optimum performance. Capable of handling camshafts with the valve lifts up to .600", they are designed to optimize flow while maintaining optimum port velocity.

Specifications:

- Brand-new, factory-fresh castings (no core required)
- Five-axis CNC-ported
- Ovate wire, "beehive" competition valve springs
- One-piece stainless steel intake and exhaust valves
- Titanium, 7° valve spring retainers
- Machined, 7° round groove valve locks
- High-temperature Viton valve seals
- Bronze alloy valve guides
- Hardened, custom valve seats
- Premium "five-angle" CNC-machined valve job

P5153345	Cylinder Head, CNC-Ported, Bare, LH, 5.7L Hemi
P5153346	Cylinder Head, CNC-Ported, Bare, RH, 5.7L Hemi
P5153343	Cylinder Head, CNC-Ported, LH, 5.7L Hemi
P5153344	Cylinder Head, CNC-Ported, RH, 5.7L Hemi
P5153349	Cylinder Head, CNC-Ported, LH, 6.1L/392 Hemi
P5153350	Cylinder Head, CNC-Ported, RH, 6.1L/392 Hemi



ELECTRONIC CONTROL MODULES

B. Engine Controller Upgrade

Features optimized fueling and spark settings to take full advantage of the Mopar 5.7L Hemi Performance Camshaft (P5153325) that is included in the 5.7L Hemi Performance Camshaft and Lifter Kit (P5153570).

¹ P5153331	Powertrain Controller Upgrade, 2005 Charger/ 300/ Magnum, 5.7L
¹ P5153450	Powertrain Controller Upgrade, 2006 Charger/ 300/ Magnum, 5.7L

IMPORTANT NOTICE: This device is not legal for use on pollution-controlled vehicles certified for use on streets or highways. Once this device is installed, use of the vehicle on a street or highway is a violation of the Clean Air Act, potentially subjecting the operator and the installer to civil penalties of up to \$32,500 per vehicle depending on the circumstances.

A.



B.

ELECTRONIC CONTROL MODULES

A. Transmission Controller Upgrades

For use with Mopar Performance Torque Converter Upgrade. Features a performance tuned Autostick® calibration with hold-in-gear. This feature will prevent the transmission from upshifting at redline in Autostick® mode for sportier driving.

- ¹ P5153332 Transmission Controller Upgrade, 2004-06 Charger/300/ Magnum, 5.7L. Must use with PCM Upgrade (P5153331 or P5153450).



A.

AIR SYSTEMS

B. Cold Air Intake Systems

Heat up your ride with a steady flow of cold air! This bolt-on system is designed to allow cooler outside air through a directional cone filter and funnel directly into the intake manifold. This kit provides noticeable horsepower and torque gains under varying atmospheric conditions. Kit includes all mounting hardware and a dry-media, washable/reusable dry media filter. Do not oil.

- 77060003AB Cold Air Intake System, 2004-09
Charger/300/Magnum/ Challenger, 5.7L
- 77060006AB Cold Air Intake System, 2005-09
Charger/300/Magnum/Challenger, 6.1L



B.

C. Air Filters - O.E. Performance Replacement

This high-performance filter is constructed with factory tight seals, engineering-grade polyurethane, and deep pleats made of four plies of oiled cotton gauze and two layers of screen. It offers high flow and low restriction, better throttle response and increased filtration and horsepower. Filter is washable, reusable and comes pre-oiled.

- ¹ P4510472 Air Filter, High Flow, O. E. Replacement, 2005-09
6.1L Magnum/300/Charger/Challenger, 2002-03 3.7L
Liberty



C. P4510481

D. Air Filter Service Kit

Services all Mopar oiled filters that are both washable and reusable for both the Mopar cold air induction systems and Mopar Performance Air Filters.

- ¹ P5153376 Air Filter Service Kit, For "Oiled" Air Filters



D.

Questions? Call the Mopar Direct Connection Techline at 1-888-528-HEMI (4364)

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EIGHT-CYLINDER LATE MODEL VEHICLES

AIR SYSTEMS

A. Air Filters - Cold Air Replacement

This filter offers high flow and low restriction, better throttle response and increased filtration and horsepower. Filters are washable and reusable. Do not oil.

- 77070012 Air Filter, Cold Air Intake Replacement, Dry Media, Used to Service Kits 77060005, 77060009, 77070004, 77070006
- 77070015 Air Filter, Cold Air Intake Replacement, Used to Service Kit 77060012
- 77070016 Air Filter, Cold Air Intake Replacement, Used to Service Kit 77060022
- 77070010 Air Filter, Cold Air Intake Replacement, Used to Service Kits 77060003AB, 77060006AB, 77060010, 77060011, 77070008
- 77070011 Air Filter, Cold Air Intake Replacement, Used to Service Kits 77060004, 77060016, 77060019



A.



B. P5153456

EXHAUST SYSTEMS

B. Headers With Cats

These long tube Exhaust Headers result in an estimated 14-17 horsepower gain. Kit includes exhaust manifolds and catalytic converters. For use with automatic transmission vehicles only. Note: Fits RWD only.

- ¹ P5153456 Headers, 2005–08 Magnum/300/Charger, 5.7L
- P5155235 Headers, Long Tube, 2005-09 Charger/300, 2008-09 Challenger, 2005-08 Magnum, 6.1L

C. Cat-Back Exhaust System- 5.7L Hemi

Features T304 stainless steel construction (aircraft quality) with mandrel-bent tubing, stainless band (Torca) clamps and polished tips. Free-flow system provides horsepower and torque gains, improved fuel economy and a deeper tone.

- ¹ P4510855 Cat-Back Exhaust System, Single Split Rear Exit, 2.25" Pipe, 2005-08 Charger/300/Magnum, 5.7L



C.



D. P5153574

D. Cat-Back Exhaust System- 6.1L Hemi

Features RSC no-drone technology, with 2.75-inch 304L stainless steel mandrel-bent tubing, stainless (Torca) clamps and polished 4-inch Pro-Series tips. The patented Power-Pulse RSC™ muffler design delivers the throaty exhaust tones that define your Hemi-Powered ride on the open road.

- P5153574 Cat-Back Exhaust System, Dual Outlet, 2005-09 Charger/300/Magnum, 6.1L
- P5155151 Cat-Back Exhaust System, Dual Outlet, 2008-09 Challenger, 6.1L



D. P5155151

EXTERIOR BODY COMPONENTS

A. Body Components

Dress up your base level Chrysler 300 and Dodge Magnum with these select chrome components. They are easy to install and will make your vehicle stand out in the crowd.

- 77DUB02000 Mirror, Exterior, Chrome, Heated, 300
- 77DUB04000 Door Handle, Exterior, Chrome, 2004-06 Magnum/300, Set of 4
- 77DUB03000 Mirror, Chrome, 2004-06 Magnum/300, Set of 2
- 77DUB09010 Window Molding, Chrome, Lower, 2004-06 Magnum/300
- 77DUB09000 Window Molding, Chrome, Upper, 2004-06 300
- 77DUB10400 Dress-up Kit, Chrome, Includes 77DUB04000, 77DUB01010 and 77DUB03000, 2004-06 Magnum
- 77DUB10300 Dress-Up Kit, Chrome, Includes 77DUB04000, 77DUB09000, 77DUB09010, 77DUB03000 and 77DUB01010, 2004-06 Magnum
- 77DUB10200 Dress-Up Kit, Chrome, Includes 77DUB04000, 77DUB09000 and 77DUB03000, 2004-06 300
- 77DUB10100 Dress-Up Kit, Chrome, Includes 77DUB04000, 77DUB09000, 77DUB09010 and 77DUB03000, 2004-06 300



A.

B.



C.

D.



E. Magnum

E. Charger

B. Deck Lid Spoiler

Add a little kick to the back end of your beast with this great-looking, one-piece Deck Lid Spoiler. Easy to install, it can be painted to match any vehicle color.

- 77DUB10130 Deck Lid Spoiler, 2004-09 Chrysler 300
- 77DUB10140 Spoiler, Backlight, DUB Edition, With Integrated Navigation Antenna Cover

C. Two-Piece Grille Assembly

Bring the Dodge Magnum R/T-inspired look to your base or SXT Magnum with this aggressive grille assembly.

- 77DUB01010 Chrome Grille with Black Accents, 2004-06 Magnum (Except R/T), 5.7L

D. Chrome Mesh Grille

This chromed, polished stainless steel grille sets the restyling standard for the popular Chrysler 300.

- 77DUB10120 Grille, Chrome, Wire Mesh, with Chrysler Winged Badge, 2005-06 Chrysler 300

E. Wire Mesh Grille Insert

Inexpensively update the look of your Magnum with this stainless steel Wire Mesh Grille Insert kit.

- 77DUB10122 Grille, Chrome, Wire Mesh, 2005-06 Charger
- 77DUB10121 Grille, Chrome, Wire Mesh, 2005-06 Magnum

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EIGHT-CYLINDER LATE MODEL VEHICLES

SUSPENSION UPGRADES AND COMPONENTS

A. Stage 1 Performance Springs

These performance springs are for 300C and Magnum R/T owners who desire a sporty yet comfortable ride. They reduce ride height 1.0" for that low, custom look. The high-tensile spring material ensures durability and heightens spring performance without bind. These factory-produced lowering springs were designed utilizing Chrysler engineering specs to achieve optimal performance. Does not fit SRT8 or Charger R/T.

P5153327 Lowering Springs, Stage 1 Performance, 2005-08, 5.7L Magnum, RWD, Vehicle Set

P4510854 Lowering Springs, Stage 1 Performance, 2005-09, 5.7L 300, RWD, Vehicle Set

B. Stage 2 Coilover Suspension Kit

Allows up to 1.625" ride height drop.

P4510841 Coilover Suspension Kit, Stage 2 Performance, 2005-09 Magnum/300/Charger, 5.7L/6.1L

¹ P5155152 Coilover Suspension Kit, Stage 2 Performance, 2008-09 Challenger, 5.7L/6.1L

Anti Sway Bar Kit (Not Shown)

Increase steering response and handling. Front bar is 1.25" (32mm) and the rear is .875" (22mm). These bars are recommended for use with Stage 2 Coilover Suspension Kit (P4510841).

¹ P5155239 Anti Sway Bar, Front: 1.25" (32mm), Rear: .750" (19mm), 2008-09 Challenger, 5.7L/6.1L

P4510842 Anti Sway Bar, Front: 1.25" (32mm), Rear: .875" (22mm), 2005-09 Magnum/300/Charger, 5.7L/6.1L

C. Strut Tower Brace

P5155002 Strut Tower Brace, 2005-09 Charger/300/Magnum/Challenger, 5.7L/6.1L

AXLES

D. Quaife Traction Differential

Improves your vehicle's launch time and cornering ability. This complete kit includes:

- New carrier bearings
- Axle seals
- Preload shims
- Complete instructions
- Ring gear bolts

P5153693 Traction Differential, Quaife, 2005-08 Magnum/300/Charger, 5.7L

BRAKES

E. Brake Pads

¹ P5155039 Brake Pad Kit, High Performance, Front Set, Non SRT Models, 2005-09 Charger/300/Challenger/Magnum



A.

B. P4510841



B. P5155152

C.



D.

E.

INTERIOR

Interior Vehicle Components (Not Shown)

77DUB07010 Floor Mats, with DUB Logo, AWD Magnum/300

77DUB07000 Floor Mats, with DUB Logo, RWD Magnum/300

77DUB08000 Sill Plate, Illuminated with DUB Logo, Magnum/300

Images are not available
for these parts.



AUTHENTIC PERFORMANCE™



FOUR- AND SIX-CYLINDER LATE MODEL VEHICLES



PERFORMANCE

FOUR- AND SIX-CYLINDER LATE MODEL VEHICLES

TURBO UPGRADE KITS

Stage 1 Turbo, Caliber SRT4 (Not Shown)

- ¹ P5155175 Turbo Upgrade Kit, Stage 1, Caliber SRT4, Built Through January 15, 2008 with 55 Compressor
- ¹ P5155199 Turbo Upgrade Kit, Stage 1, Caliber SRT4, Built After January 15, 2008 With 6S Compressor Only

IMPORTANT NOTICE: This device is not legal for use on pollution-controlled vehicles certified for use on streets or highways. Once this device is installed, use of the vehicle on a street or highway is a violation of the Clean Air Act, potentially subjecting the operator and the installer to civil penalties of up to \$32,500 per vehicle depending on the circumstances.

A. Stage 1 Turbo, Neon SRT4

- ¹ P5007862 Turbo Upgrade Kit, Stage 1, 2003-2004 SRT4
- ¹ P4510592 Turbo Upgrade Kit, Stage 1, 2004 Neon SRT4
- ¹ P4510910 Turbo Upgrade Kit, Stage 1, 2005 Neon SRT4

IMPORTANT NOTICE: This device is not legal for use on pollution-controlled vehicles certified for use on streets or highways. Once this device is installed, use of the vehicle on a street or highway is a violation of the Clean Air Act, potentially subjecting the operator and the installer to civil penalties of up to \$32,500 per vehicle depending on the circumstances.



A.

TURBO UPGRADE KITS

A. Stage 1 Turbo, PT Cruiser



- ¹ P5007944 Turbo Upgrade Kit, Stage 1, Automatic Transmission, 2003 PT Turbo
- ¹ P5007943 Turbo Upgrade Kit, Stage 1, Manual Transmission, 2003 PT Turbo
- ¹ P4510597 Turbo Upgrade Kit, Stage 1, Automatic Transmission, 2004 PT Turbo
- ¹ P4510606 Turbo Upgrade Kit, Stage 1, Manual Transmission, 2004 PT
- ¹ P5007969 Turbo Upgrade Kit, Stage 1, Automatic Transmission, 2005 PT Turbo
- ¹ P5007968 Turbo Upgrade Kit, Stage 1, Manual Transmission, 2005 PT Turbo
- ¹ P5153660 Turbo Upgrade Kit, Stage 1, Automatic Transmission With ABS, 2006 PT Turbo
- ¹ P5153649 Turbo Upgrade Kit, Stage 1, Automatic Transmission Without ABS, 2006 PT Turbo
- ¹ P5153646 Turbo Upgrade Kit, Stage 1, Manual Transmission With ABS, 2006 PT Turbo
- P5153844 Turbo Upgrade Kit, Stage 1, 2007 PT Turbo, with Automatic Transmission and ABS, 2.4L
- P5153846 Turbo Upgrade Kit, Stage 1, 2007 PT Turbo, with Automatic Transmission and without ABS, 2.4L

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STREET*

A.

B. Stage 2 Turbo, Neon SRT4



- ¹ P5007863 Turbo Upgrade Kit, Stage 2, with Turbo Toys, 2003–04 Neon SRT4
- ¹ P5007967 Turbo Upgrade Kit, Stage 2, Without Turbo Toys, 2003–04 Neon SRT4
- ¹ P4510912 Turbo Upgrade Kit, Stage 2, With Turbo Toys, 2005 Neon SRT4
- ¹ P4510911 Turbo Upgrade Kit, Stage 2, Without Turbo Toys, 2005 SRT4

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B.

Questions? Call the Mopar Direct Connection Techline at 1-888-528-HEMI (4364)

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FOUR- AND SIX-CYLINDER LATE MODEL VEHICLES

TURBO UPGRADE KITS

A. Stage 3R Turbo, Iconel Steel Wheel, Neon SRT4

For maximum power and torque, the Stage 3R Turbo Kit is the ultimate upgrade for your SRT4. The kit (with and without Turbo Toys) boosts power to 310 hp at 5,600 rpm and 325 ft.-lbs. of torque at 3,200-4,800 rpm. The Stage 3R Turbo Kit with Turbo Toys in high-octane mode increases power to 355 hp at 5,200 rpm and 365 ft.-lbs. of torque at 3,200-4,800 rpm! Mopar Cat-back Exhaust System (P4510461) required to obtain these power figures.

Key Components:

- Stage 3 PCM with Block-Off Connector
- TD05HR-15GK2-10cm2 Turbo Unit and Manifold: 16% larger compressor wheel diameter to flow and compress more intake air, 19% larger turbine wheel diameter to flow more exhaust gas and reduce back pressure, 67% more turbine scroll area for reduced back pressure
- High-flow (180 lph 75 psi) Fuel Pump Module
- Pressure Regulated Fuel Rail Assembly with 4.0 Bar Returnless Regulator and Hose Kit
- Four 682 cc/min Fuel Injectors†
- 3.0 bar MAP Sensor†
- 3.0 bar TIP Sensor†
- Turbo Toys Hardware and Components (optional - see Stage 2 for complete description)†

† Not included in the Stage 3 Add-On Kit.

Calibration Features:

- Increased WOT and part throttle boost
- Boost hold feature during WOT shifts
- More aggressive exhaust note during deceleration
- Optimized calibration for the Mopar Blow-Off Valve Conversion Kit (P4510548 - sold separately)
- Increased revolution limit from 6,240 rpm to 6,500 rpm

- ¹ P5153616 Turbo Upgrade Kit, Stage 3R, With Turbo Toys, 2003-04 Neon SRT4
- ¹ P5153618 Turbo Upgrade Kit, Stage 3R, Without Turbo Toys, 2003-04 Neon SRT4
- ¹ P5153615 Turbo Upgrade Kit, Stage 3R, With Turbo Toys, 2005 Neon SRT4
- ¹ P5153620 Turbo Upgrade Kit, Stage 3R, Without Turbo Toys, 2005 Neon SRT4

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A.

TURBO UPGRADE KITS

**Stage 3R Turbo, Add-on Kit, Inconel Steel
Wheel, Neon SRT4 (Not Shown)**

These Stage 3R Turbo Upgrade Kits are for vehicles that already have a Stage 2 Turbo Upgrade installed.

- ¹ P5153619 Turbo Upgrade Add-On Kit, Stage 3R, For Vehicles With Turbo Toys, 2005 Neon SRT4
- ¹ P5153617 Turbo Upgrade Add-On Kit, Stage 3R, For Vehicles Without Turbo Toys, 2003-04 Neon SRT4

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**A. Stage 3R Turbo, Titanium Aluminide Wheel,
Neon SRT4**

TiAl (Titanium Aluminide) Turbine Wheel with significantly less rotational inertia than the standard Inconel steel; less inertia for rotating assembly results in reduced lag and better response.

- ¹ P5007864 Turbo Upgrade Kit, Stage 3R, With Turbo Toys, 2003-04 Neon SRT4
- ¹ P4510338 Turbo Upgrade Kit, Stage 3R, Without Turbo Toys, 2003-04 Neon SRT4
- ¹ P4510914 Turbo Upgrade Kit, Stage 3R, With Turbo Toys, 2005 Neon SRT4
- ¹ P4510913 Turbo Upgrade Kit, Stage 3R, Without Turbo Toys, 2005 Neon SRT4

P4510338 and P4510913 are not configured for Turbo Toys, and they cannot be added to these kits at a later date.

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A.

STREET*

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FOUR- AND SIX-CYLINDER LATE MODEL VEHICLES

TURBO UPGRADE KITS

Stage 3R Turbo, Add-on Kit, Titanium Aluminide Wheel, Neon SRT4 (Not Shown)

These Stage 3R Turbo Upgrade Kits are for vehicles that already have a Stage 2 Turbo Upgrade installed.

- ¹ P4510339 Turbo Upgrade Add-On Kit, Stage 3R, For Vehicles Without Turbo Toys, 2003-04 Neon SRT4
- ¹ P4510915 Turbo Upgrade Add-On Kit, Stage 3R, For Vehicles With Turbo Toys, 2005 Neon SRT4

P4510339 and P4510915 apply to all Stage 2 Turbo Upgrade Kits (with and without Turbo Toys).

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TURBO SERVICE PARTS

A. Blow-off Valves

Maximizes the function of your vehicle's turbo system by venting excess hot compressed air into the atmosphere, thereby reducing your intake air temperature. This kit adds a vent to the stock blow-off valve and creates a unique turbo sound.

- ¹ P4510548 Blow-Off Valve Conversion Kit, Anodized Blue, 2003-05 Neon SRT4, 2003-09 PT Turbo, 2008-09 Caliber SRT4
- ¹ P4510868 Blow-Off Valve Diaphragm, Stage 1, 2, 3R

B. Fuel Components

- ¹ P4510554 Fuel Pump, 75 psi Regulated, 2003-05 Stage 3R
- ¹ P5249511 Fuel Pump, Super 60, Electric, 2.2L/2.5L
- ¹ P4510063 Fuel Rail, Demand Regulated, Stage 3R
- ¹ 04852396AB Washers, Fuel Line, Copper, All Turbos, Package of 6

Exhaust Gasket (Not Shown)

- ¹ 04884447AA Gasket, Exhaust Header, All Turbos

C. Intake Manifold

- ¹ 05045002AA Intake Manifold, Neon SRT4

D. Sensors

- ¹ P4510366 Bar TIP Sensor, 3.0 Bar, Stage 2/3R
- ¹ P4510365 MAP Sensor, 3.0 Bar, Stage 2/3R



A.



B. P4510554



C. 05045002AA



D.



D.

TURBO SERVICE PARTS

A. Fuel Injectors

- ¹ P4510529 Fuel Injector, +30%, 2003-05 Stage 2/3R, Sold Individually
- ¹ P4529495 Fuel Injector, High Flow, Turbo I and II
- ¹ P4532586AB Fuel Injector, Super 60, 40%+, 2.2L/2.5L, Sold Individually
- ¹ P4452803 Fuel Injectors, EFI, 1984-89 Turbo I
- ¹ P4452804 Fuel Injectors, EFI, 1990-91 2.5L Turbo I, 1987-91 Turbo II/ III/ IV

B. Wastegate Actuators

- ¹ P4510595 Wastegate Actuator, P350, Stage 2
- ¹ P4510596 Wastegate Actuator, P420, Stage 3R

C. Turbo Toys

- ¹ P4510601 Bezel Assembly, Turbo Toys
- ¹ P4510922 Sprayer Brackets, Turbo Toys, Set of Two
- ¹ P4510632 Sprayer Pump, Turbo Toys
- ¹ P4510626 Water Filter, Inline, Turbo Toys
- ¹ P4510923 Water Jets, Set of Four, Turbo Toys
- ¹ P4510862 Wire Harness, Blue LED, Turbo Toys
- ¹ P4510863 Wire Harness, Red LED, Turbo Toys
- ¹ P4510861 Wiring Harness Terminals, Set of 10 (Turbo Toys)

D. Turbos

- ¹ P4510864 Turbo Cartridge, Inconel Center Section, Stage 3R
- ¹ P4510865 Turbo Cartridge, TIAI Center Section, Stage 3R

Compressor Cover Kit (Not Shown)

- ¹ P4510867 Cover, Compressor, Includes Cover, Surge Bypass Valve, and Surge Valve Bolts, Stage 3R

E. Manifold Kit

- ¹ P5007922 Compressor and Exhaust Manifold, Service part for Stage 3R Turbo kits P5007864, P4510338, and P4510339
- ¹ P4510869 Manifold Kit, Turbo Exhaust Elbow (P4510278), Manifold (P4510877), Elbow Bolts (5), Stage 3R



A. P4510529



B. P4510595



C.



D.



E.

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FOUR- AND SIX-CYLINDER LATE MODEL VEHICLES

CAMSHAFTS, LIFTERS, AND HARDWARE

A. Camshafts

Engineered exclusively for Neon, this camshaft was developed for power while maintaining reliability and idle quality. Camshaft package includes camshaft, front seal and camshaft lube. Use with valve spring P5249846.

- Advertised Duration: Intake 232°/Exhaust 260°
- Duration @ .050" lift: Intake 170°/Exhaust 192°
- Centerline: 114°
- Lobe Lift: Intake .279"/Exhaust .272"

- ¹ P5007030 Camshaft, 6 HP Increase, 2 HP with 2001 H.O. Engine, 1995–02 Neon SOHC
- ¹ P4452767 Camshaft, Hydraulic, 240/248 Duration, .460" Lift, 2.2L/2.5L Non-Turbo
- ¹ P4529314 Camshaft, Hydraulic, 240/248 Duration, .460" Lift, 2.2L/2.5L Turbo Applications
- ¹ P4529320 Camshaft, Hydraulic, 252/252 Duration, .430" Lift, 2.2L/2.5L
- P4349640 Camshaft, UGL, 2.2L

B. Hydraulic Lash Adjusters

Use these for improved hydraulic lash control. Resistant to aeration. Sold in sets of four (two sets required per engine). 2.4L engines found in the following vehicles: Caravan, Town&Country, Stratus, Stratus Coupe, Sebring Sedan, Sebring Coupe, Sebring Convertible, Breeze, Cirrus, and PT Cruiser.

- ¹ P5007440 Lash Adjusters, Hydraulic, 1995–99 Neon DOHC, 2.4L DOHC Engines

Offset Camshaft Key (Not Shown)

- ¹ P4349650 Camshaft Keys, Offset, 2V SOHC

ROCKER ARMS, SHAFTS, SUPPORTS, AND HARDWARE

Rocker Arms and Hardware (Not Shown)

- ¹ P5007444AB Rocker Arm Screw/Nut Set, 426 Hemi, Big Block, Small Block, 2.2L/2.5L, Slant Six, 3.9L V6
- ¹ P4349147 Rocker Arms, Heavy Duty, 2.2L/2.5L SOHC with Non-Roller Cams

CYLINDER HEADS, GASKETS, AND HARDWARE

Cylinder Head Gaskets (Not Shown)

- P4452005 Gasket, Cylinder Head, Composite Material, TBI, Turbo I
- P4452006 Gasket, Cylinder Head, Cross-Drilled, Turbo II
- P4120868 Gaskets, Engine Teardown, 2.2L (Except Turbo II)



A.



B.

FOUR- AND SIX-CYLINDER LATE MODEL VEHICLES

CYLINDER HEADS, GASKETS, AND HARDWARE

Cylinder Head Hardware (Not Shown)

- P4349736 Bolt Set, Cylinder Head, 11 mm, 1985 and Later OHC, 2.2L/2.5L
- P4120456 Washer, Hardened, 3/8", Set

Engine Teardown Gaskets (Not Shown)

- P4120868 Gaskets, Engine Teardown, 2.2L (Except Turbo II)



A.

A.

ENGINE STRUTS AND MOUNTS

A. Engine Mounts

- P5007028 Bobble Strut, Engine, 1995-99 Neon DOHC/SOHC
- P5007027 Engine Mounts, 1995-99 Neon DOHC/SOHC
- P4286766 Engine Mounts, FWD, Front
- P4286765 Engine Mounts, FWD, Right Side (Left for 1981-83 2.2L)



B.

C.

PISTONS AND CONNECTING RODS

B. Pistons

Same piston as production, but .020" oversize.

- ¹ P5007385 Piston, Oversized, 1995-99 Neon SOHC Engine

INTAKE MANIFOLDS, HARDWARE, AND GASKETS

C. EGR Block-Off Plate Kit

Lightweight, 6061-T6 anodized aluminum Block-Off Plate for racing purposes only. Includes head and manifold plates with gaskets.

- ¹ P5007276 EGR Block-Off Plate, 1995-99 Neon SOHC/DOHC



D.

E.

VALVE TRAIN HARDWARE AND COMPONENTS

D. Valve Keepers

These 2.2L/2.5L Valve Keepers are made from hardened material. They feature an 8 mm stem diameter and 7° valve angle, and can be used for restoration or performance applications. Different groove styles are available to meet your application requirements. Sold as cylinder head sets of 8.

- ¹ P4452031 Valve Keepers, Single Groove, 2.2L/2.5L SOHC
- ¹ P4452030 Valve Keepers, Triple Groove, 2.2L/2.5L SOHC

E. Valve Seals

- ¹ P4349121 Valve Seals, 8 mm, 2.2L/2.5L SOHC

Valve Keepers (Split Locks)						
Part Number	Angle	Stem Diameter	Groove	Retainers	Sets	
P4452030	7°	8mm	Triple	P4452032, P4286574, P4349642, Stock	8 Pieces	
P4452031	7°	8mm	Single	P4452032, P4286574, P4349642, Stock	8 Pieces	

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FOUR- AND SIX-CYLINDER LATE MODEL VEHICLES

VALVE TRAIN HARDWARE AND COMPONENTS

A. Valve Springs

High-pressure Valve Springs can be used on exhaust and intake valves for all high-performance applications. They feature a shorter, fully-compressed height and allow for increased valve lift. Springs maintain spring load at higher rpms. A must for high-performance camshafts. The retainers listed are the basic recommendation. Check the actual retainer listing for other options such as added installed height, materials and lock size. Sold individually.

- ¹ P4876061 Valve Spring
- ¹ P4876636 Valve Spring, 1995–99 Neon DOHC
- ¹ P5249846 Valve Spring, Neon SOHC

Degree Wheel Adapter (Not Shown)

Use this Mopar aluminum Degree Wheel for centering camshafts. 1-180-0 degrees. Step-by-step installation instructions are printed conveniently on the reverse side.

P4286776

Valve Seal Inserts (Not Shown)

- ¹ P4349126 Valve Seat Insert, Aluminum, Exhaust, 36.8 mm, 2.2L
- ¹ P4349125 Valve Seat Insert, Aluminum, Intake, 44 mm, 2.2L

Valve Spring Retainers (Not Shown)

- P4286574 Retainer, Valve Spring, Aluminum, 2.2L
- P4452032 Retainer, Valve Spring, Chrome Moly, 2.2L/2.5L SOHC and 5.2L/5.9L Magnum Engines

B. Valves

- ¹ P4529825 Valve, Exhaust, 35 mm Diameter, Triple Groove, Back-Cut, 1986–up 2.2L/2.5L SOHC
- ¹ P5007508 Valve, Exhaust, Stainless Steel, 29.30 mm Diameter, Neon SOHC
- ¹ P4529824 Valve, Intake, 40 mm Diameter, One Square Groove, Back-Cut, 1986–up 2.2L/2.5L SOHC
- ¹ P4876399 Valve, Intake, 44 mm Diameter, One Square Groove, Requires Oversize Seat, 1986–up 2.2L/2.5L SOHC
- ¹ P5007507 Valve, Intake, Stainless Steel, 34.00 mm Diameter, Neon SOHC



A.



B.

VALVE COVERS AND HARDWARE

A. Carbon Fiber Valve Cover

Add even more excitement under your hood with a Carbon Fiber Valve Cover. Mopar's injection-molded carbon fiber valve cover offers great sealing performance using stock seal and anodized 6061 aluminum fittings. Twill woven materials give the valve cover a stunning carbon fiber look. This is the lightest valve cover that can be made without sacrificing the structural integrity necessary for race cars and high-performance street machines.

P4510538 Valve Cover, Carbon Fiber, 2003-05 Neon SRT4, 2003-09 PT Turbo

Carbon Fiber Valve Cover P4510538 is not compatible with Strut Tower Braces P4510543 and P4510874.



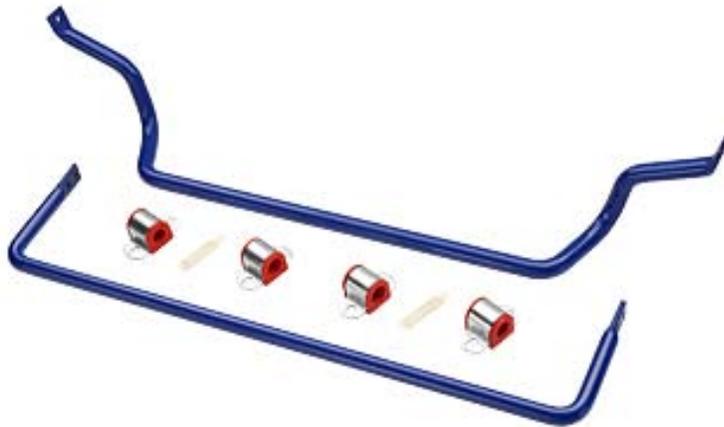
A.

SUSPENSION UPGRADES AND COMPONENTS

B. Stage 1 Anti-Sway Bar Kit

Made from high-quality bar material that ensures durability and heightens performance, these Performance Anti-Sway Bars improve ride and handling by virtually eliminating body roll, helping to keep all four tires firmly on the pavement. Customers who do not currently have a rear sway bar must also purchase the Sway Bar Installation Kit (P4510839).

- ¹ **P4510261** Anti-Sway Bar, Stage 1, 25.4 mm Front, 19 mm Rear, 2001-09 PT Cruiser Non-Turbo
- ¹ **P5153749** Anti-Sway Bar, Stage 1, 25mm Front, 19mm Rear, 3 Position Adjustable, 2007-08 FWD Caliber
- ¹ **P4510454** Anti-Sway Bar, Stage 1, 26 mm Front, 19 mm Rear, 3-Position Adjustable, 2003-05 Neon SRT4
- P5155037** Anti-Sway Bar, Stage 1, 26mm Front, 24mm Rear, 3 Position Adjustable, 2008 Caliber SRT4
- ¹ **P4510455** Anti-Sway Bar, Stage 1, 27 mm Diameter Front, 19 mm Diameter Rear, 2003-09 PT Turbo
- ¹ **P4510457** Anti-Sway Bar, Stage 1, Front and Rear, 2000-05 Neon
- ¹ **P5153837** Anti-Sway Bar, Stage I, 25mm Front, 19mm Rear, 3 Position Adjustable, 2007-09 AWD Caliber
- ¹ **P4510839** Hardware Kit, Anti-Sway Bar Installation, Required to Mount rear Anti-Sway Bar on Vehicles Without Factory AntiSway Bar, 2001-09 PT Cruiser



B. P5155037

C. Stage 3R Damper Kit

- ¹ **P4510825** Damper, Stage 3R, Race Only, Double-Adjustable Threaded Strut Kit, 2003-05 SRT4



C.

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FOUR- AND SIX-CYLINDER LATE MODEL VEHICLES

SUSPENSION UPGRADES AND COMPONENTS

A. Strut Tower Brace

Made of heavy gauge powder coated steel, this MIG welded Mopar Performance Strut Tower Brace reduces body flex in the front end, improving handling and drivability. Easy bolt-on installation.

- ¹ P5153306 Strut Tower Brace, 2000–03 Neon 2.0L
- ¹ P4510543 Strut Tower Brace, Front, Steel, 2003-05 Neon SRT4
- ¹ P4510874 Strut Tower Brace, Front, Titanium, 2003-05 Neon SRT4
- ¹ P4510876 Strut Tower Brace, Rear, Steel, 2003-05 Neon SRT4
- ¹ P4510875 Strut Tower Brace, Rear, Titanium, 2003-05 Neon SRT4
- ¹ P5153565 Strut Tower Brace, 2007-09 Compass/Patriot/Caliber, Non-Turbo
- ¹ P5155033 Strut Tower Brace, 2008 Caliber SRT4

Front braces P4510543 and P4510874 are not compatible with Carbon Fiber Valve Cover P4510538.

B. Stage 1 Performance Springs

Made of high-tensile spring material to ensure durability and heighten spring performance without bind. Also provides a 25 mm drop from the stock ride height.

- ¹ P4510459 Springs, Performance, Stage 1, 20 mm Front Drop, 18 mm Rear Drop, 2001–09 PT Cruiser Non-Turbo
- ¹ P4510262 Springs, Performance, Stage 1, 22 mm Front Drop, 18 mm Rear Drop, 2003–09 PT Turbo
- ¹ P4510460 Springs, Performance, Stage 1, Front and Rear, 2000–05 Neon
- ¹ P4510458 Springs, Performance, Stage 1, Front and Rear, 2003–05 Neon SRT4
- ¹ P5153251 Springs, Performance, Stage I, 2007-09 FWD Caliber, Non-Turbo



A.



B.

SUSPENSION UPGRADES AND COMPONENTS

A. Stage 3R Race and Helper Springs

Designed to work with the valving and setup of the Stage 3R Coilover Suspension System. Constructed of a new lightweight alloy, these high-tensile race springs provide a lighter weight solution, along with increased travel before spring bind, than standard linear springs. Depending on your use, different rates can be combined with the valving to produce various handling characteristics. Can be purchased separately in various rates. Sold in pairs only.

- ¹ P4510817 Helper Spring, Front, 2003–05 Neon SRT4
- ¹ P4510822 Helper Spring, Rear, 2003–05 Neon SRT4
- ¹ P4510823 Springs, High-Tensile, Race, 35 N-M (250 MM), 2003–05 Neon SRT4
- ¹ P4510824 Springs, High-Tensile, Race, 40 N-M (250 MM), 2003–05 Neon SRT4
- ¹ P4510836 Springs, High-Tensile, Race, 45 N-M (250 MM), 2003–05 Neon SRT4
- ¹ P4510818 Springs, High-Tensile, Race, 50 N-M (250 MM), 2003–05 Neon SRT4
- ¹ P4510819 Springs, High-Tensile, Race, 60 N-M (200 MM), 2003–05 Neon SRT4
- ¹ P4510837 Springs, High-Tensile, Race, 70 N-M (200 MM), 2003–05 Neon SRT4
- ¹ P4510820 Springs, High-Tensile, Race, 80 N-M (170 MM), 2003–05 Neon SRT4
- ¹ P4510821 Springs, High-Tensile, Race, 90 N-M (170 MM), 2003–05 Neon SRT4



A.



B.



C.



D.

B. Control Arm

- ¹ P4510870 Control Arm, Rear, Adjustable, 2000–05 2.0L/2.4L, Neon, SRT4, Set

C. Struts

Based on Rally and Touring Car Technology, these Performance Struts are the same as used on the production 2001 Dodge Neon ACR. They feature inverted tube technology for stiffer construction, reduced lateral and longitudinal deflection, and improved durability and performance. Easily adjustable in compression and rebound. Sold individually.

- ¹ P5007389 Strut, ACR Performance, Front (R/L), 2000-01 Neon
- ¹ P5007443 Strut, ACR Performance, Rear, Left, 2000-01 Neon
- ¹ P5007442 Strut, ACR Performance, Rear, Right, 2000-01 Neon
- ¹ P4876812 Strut, Front, 1995–99 Neon
- ¹ P5007000 Strut, Rear, 1995–99 Neon

D. Camber Plates

- ¹ P4510828 Camber Plates, Front, Stage 2/3/3R Suspensions, 2001-05 Neon and 2003-05 Neon SRT4,
- ¹ P4510827 Camber Plates, Rear, Stage 2/3/3R suspensions, 2001–05 Neon

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FOUR- AND SIX-CYLINDER LATE MODEL VEHICLES

SUSPENSION UPGRADES AND COMPONENTS

A. Rear Tension Strut Kit

Rear Tension Struts feature a high-durometer bushing material designed for heavy-duty and competition use. The revised design results in improved toe stability (reduced bump-steer), which virtually eliminates rear wheel hop under heavy braking. Provides more positive suspension control for improved driver feedback and dynamic stability.

¹ P4510826 Strut Kit, Rear Tension, Left and Right, 2003–05 Neon SRT4, 2000–05 Neon

B. Strut Adjuster Knob

Use to adjust both production and Mopar Neon ACR struts. Same as provided in Neon ACR glove box.

¹ P5007269 Knob, Strut Adjuster, 1995–99 Neon ACR

C. ACR Power Steering Rack

Complete kit to upgrade existing power steering (18:1 ratio) to faster (16:1 ratio) ACR. Uses existing pump, belt, crank pulley, hoses and mounting hardware. Includes tie rod ends and tie rod heat shields.

¹ P5007308 Power Steering Rack, ACR, 1995-99 Neon



A.



B.



C.

SUSPENSION UPGRADES AND COMPONENTS

A. Stage 2 Coilover Suspension Kit

Get ready for a whole new level of performance! The Mopar Stage 2 Coilover Suspension Kit will provide your vehicle with better handling and ride characteristics than any other aftermarket suspension system available today. It features new INOX stainless steel technology exclusive to Mopar and KW Suspensions. After 418 hours of testing (salt water spray), INOX Coilover Suspension Struts constructed of stainless steel were clearly superior to the galvanized versions in terms of corrosive resistance, and they were still functioning perfectly after testing! The Mopar Stage 2 Coilover Suspension Kit utilizes cutting edge technology born on the track and raised on the street. It allows you to lower your vehicle within a specified range using adjustable spring perches to suit your driving needs. It is height-adjustable from 0 mm to 30 mm lower than factory, and includes fixed-valve dampers. Complete vehicle set.

Features:

- Easy-adjust stainless steel impregnated composite perches
- Stock height and down lowering range
- High-quality, high-tensile racing springs
- Special ventilation and sealing system
- Hardened chromium-plated piston rods
- Pistons with V-shaped Te. on seals
- Strut and shock housings in INOX-line stainless steel
- Infinitely adjustable within adjustment parameters
- Shortened struts for increased travel
- Trapezoidal adjustment threads for simple height adjustment
- Elastomer bump stops with integrated dust boot protection

P4510451 Coilover Suspension Kit, Stage 2, 200-03 Neon

¹ **P4510447** Coilover Suspension Kit, Stage 2, 2003-05 Neon SRT4



A.

FOUR- AND SIX-CYLINDER LATE MODEL VEHICLES

SUSPENSION UPGRADES AND COMPONENTS

Stage 3 Coilover Suspension Kit (Not Shown)

The Mopar Stage 3 Coilover Suspension Kit features new INOX stainless steel technology exclusive to Mopar and KW Suspensions. After 418 hours of testing (salt water spray), INOX Coilover Suspension Struts constructed of stainless steel were clearly superior to the galvanized versions in terms of corrosive resistance, and they were still functioning perfectly after testing. The Mopar Stage 3 Coilover Suspension Kit includes all the features of the Stage 2 Kit. In addition, the Stage 3 Kit allows drivers to adjust the damper setting of the suspension system for the ultimate in personalization. The adjustable rebound damper gives drivers the ability to adjust the vehicle's pitch and roll to their driving preferences and needs, from the street to the track. The Stage 3 Kit is height adjustable and rebound adjustable from 20% under to 50% over Stage 2 settings. Rebound adjustment takes place via an adjustment screw at the end of the piston rod, and primarily affects the low and midrange rebound dampening. Complete vehicle set.

Features:

- External adjustable rebound damper
- Stock height and down lowering range
- Easy-adjust stainless steel-impregnated composite perches
- High-quality, high-tensile racing springs
- Special ventilation and sealing system
- Hardened chromium-plated piston rods
- Pistons with V-shaped Te. on seals
- Strut housings in INOX-line stainless steel
- In. nitely adjustable within adjustment parameters
- Shortened struts for increased travel
- Trapezoidal adjustment threads for simple height adjustment
- Elastomer bump stops with integrated dust boot protection

- ¹ P4510587 Coilover Suspension Kit, Stage 3, 2000–05 Neon
- ¹ P4510586 Coilover Suspension Kit, Stage 3, 2003–05 SRT4
- ¹ P4510628 Coilover Suspension Kit, Stage 3, 2003–06 PT Turbo
- P5153838 Coilover Suspension Kit, Stage 3, 2008-09 Caliber SRT4 Track Suspension

IGNITION AND ELECTRONICS

A. Ignition Wire Set

- ¹ P4876546 Wire Set, Spark Plug, 1995 Neon SOHC
- ¹ P4876510 Wire Set, Spark Plug, 1996–01 Neon SOHC
- ¹ P4876511 Wire Set, Spark Plug, 7.5 mm, Pre-Cut, Neon/ PT Cruiser and 2.4L DOHC Stratus



A.

IGNITION AND ELECTRONICS

A. Engine Controllers

- ¹ P5007034 Engine Controller, 1995 Neon DOHC
- ¹ P5007033 Engine Controller, 1995 Neon SOHC
- ¹ P5007036 Engine Controller, 1996 Neon DOHC
- ¹ P5007035 Engine Controller, 1996 Neon SOHC
- ¹ P5007038 Engine Controller, 1997–99 Neon DOHC
- ¹ P5007037 Engine Controller, 1997–99 Neon SOHC
- ¹ P4529871 Engine Controller, Stage I, 1985 2.2L and 1987 Shelby Charger
- ¹ P4529873 Engine Controller, Stage I, 1987 2.2L, Except Shelby Charger
- ¹ P5249671 Engine Controller, Stage II, Carb. E.O. #D-265, 1987 Shelby CXS
- ¹ P5249528 Engine Controller, Super 60, 2.2L

IMPORTANT NOTICE: This device is not legal for use on pollution-controlled vehicles certified for use on streets or highways. Once this device is installed, use of the vehicle on a street or highway is a violation of the Clean Air Act, potentially subjecting the operator and the installer to civil penalties of up to \$32,500 per vehicle depending on the circumstances.

Parts P5007033 thru P5007038 are emissions exempt in California, Massachusetts, and New York only.

AIR SYSTEMS

B. Cold Air Intake Systems

What's so great about cold air intakes? Cold air is much denser than hot, humid air and holds more oxygen. More oxygen going into an engine equals more combustion, thus more power. The Mopar Cold Air Intake System increases airflow by as much as 20%, boosting torque up to ten lbs., and power by nearly ten horsepower. All of this while improving fuel economy (one to two mpg depending on driving style). Air filters are high-flow and low-restriction, offer better throttle response and increased filtration and horsepower. Filters are made of a new dry media material which is washable and reusable. Do not oil.

- 77070002 Clod Air Intake System, 2007-09 Nitro, 4.0L
- 77060022AB Cold Air Intake System, 2000-05 Neon 2.0L SOHC
- 77060004AB Cold Air Intake System, 2003-05 Neon, SRT4
- 77060019AB Cold Air Intake System, 2005-09 300, 2006-09 Charger, 2005-08 Magnum, 2009 Challenger, 3.5L
- 77060012AB Cold Air Intake System, 2007-09 Caliber/Compass/Patriot, 1.8L/2.0L/2.4L, Non-Turbo
- 77060080 Cold Air Intake System, 2007-09 Nitro, 3.7L
- 77070005 Cold Air Intake System, 2007-2009 Avenger/Sebring, 3.5L
- 77070008 Cold Air Intake System, 2008-09 Caliber SRT4



A.



B. P4510919 and 77060004AB



B.



B. 77070008 and 77060012AB

Questions? Call the Mopar Direct Connection Techline at 1-888-528-HEMI (4364)

¹ Not legal on pollution-controlled vehicles or vehicles registered for highway use.

* The "Street" category contains both street legal performance parts and off road only performance/racing oriented parts.

FOUR- AND SIX-CYLINDER LATE MODEL VEHICLES

AIR SYSTEMS

A. Air Filters - Cold Air Replacement

This filter offers high flow and low restriction, better throttle response and increased filtration and horsepower. Filters are washable and reusable. Do not oil.

- 77070019 Air Filter, Cold Air Intake Replacement, Dry Media, Used to Service Kit 77070005
- 77070012 Air Filter, Cold Air Intake Replacement, Dry Media, Used to Service Kits 77060005, 77060009, 77070004, 77070006
- 77070015 Air Filter, Cold Air Intake Replacement, Used to Service Kit 77060012
- 77070016 Air Filter, Cold Air Intake Replacement, Used to Service Kit 77060022
- 77070010 Air Filter, Cold Air Intake Replacement, Used to Service Kits 77060003AB, 77060006AB, 77060010, 77060011, 77070008
- 77070011 Air Filter, Cold Air Intake Replacement, Used to Service Kits 77060004, 77060016, 77060019



Air Filters - O.E. Performance Replacement (Not Shown)

Constructed with factory tight seals, engineering level polyurethane, deep four-ply pleats of oiled cotton gauze and two layers of aluminum screen. This filter offers high flow and low restriction, better throttle response and increased filtration and horsepower. Filters are washable and reusable and come pre-oiled.

- P4510481 Air Filter, High Flow, O. E. Replacement, 1999-03 3.5L 300/Concorde/ Intrepid
- ¹ P4510476 Air Filter, High Flow, O. E. Replacement, 2001-06 PT Cruiser Non-Turbo
- ¹ P4510478 Air Filter, High Flow, O. E. Replacement, 2003-05 Neon SRT4, 2001-05 Neon
- P5153987 Air Filter, High Flow, O. E. Replacement, 2007-09 Caliber SRT4
- ¹ P5153573 Air Filter, High Flow, O. E. Replacement, 2007-09 Compass/Patriot/Caliber
- P5153991 Air Filter, High Flow, O.E. Replacement, 2007-09 Avenger/Sebring 2.4L/3.5L

B. Air Filter Service Kit

Services all Mopar oiled filters that are both washable and reusable for Mopar Cold Air Intake Systems and Mopar Performance Air Filters.

- ¹ P5153376 Air Filter Service Kit, For "Oiled" Air Filters



A.

B.

OILING COMPONENTS

A. Windage Tray

Provides better engine lubrication by reducing windage and aeration at higher engine speeds. Includes mounting hardware and pan gasket.

¹ P5007278 Windage Tray, Neon 2.0L

Oiling Components (Not Shown)

¹ P4452889 Oil Filter, Hi-Performance, Black Finish, 2.2L/2.5L

¹ P4286741 Oil Pump, 2.2L, Except 1987 and Newer Turbo



A.

FOUR- AND SIX-CYLINDER LATE MODEL VEHICLES

EXHAUST SYSTEMS

A. Cat-Back Exhaust System

Features T304 2.25" stainless steel(aircraft quality) construction with mandrel-bent tubing, stainless band (Torca) clamps, and polished 3.125" dual wall tips. This free-flow system provides a horsepower and torque gain, improved fuel economy, and is CAD designed and dyno tested for optimal performance and sound. Install with the Tubular Exhaust Headers (P5153566) and Cold Air Intake System(P5153572) for an over 10 hp gain (measured at front wheels).



A. P5153564



A. P5153748



A.

- P5155114 Cat Back Exhaust System, Single Exit With Square Tip, 2007-09 Compass/Patriot, AWD, 2.0L/2.4L
- P5155113 Cat Back Exhaust System, Single Exit With Square Tip, 2007-09 Compass/Patriot, FWD, 2.0L/2.4L
- P5155111 Cat Back Exhaust System, Single Rear Exit With Dual Square Tips, 2.5" Pipe, 2007-2009 Nitro, 3.7L
- ¹ P5007748 Cat-Back Exhaust System, 3.50" Round Tips, Dual-Split, 2001-05 PT Cruiser, Non-Turbo
- ¹ P5153690 Cat-Back Exhaust System, 2007-09 AWD Caliber
- ¹ P5153564 Cat-Back Exhaust System, 2007-09 FWD Caliber Production and Mopar Rallye Applications
- ¹ P4510609 Cat-Back Exhaust System, Dual Centre Exit Tips, 2.50" Pipe, 2004 - 05 Crossfire, 3.2L
- ¹ P5007536 Cat-Back Exhaust System, Dual Driver Side Exit, Prowler Logo Etched Tips, 1999-05 Prowler, 3.5L, FWD, Non-Turbo
- ¹ P5153642 Cat-Back Exhaust System, Dual Rear Exit, 2.5" Pipe, 2005-08 Magnum/Charger, 3.5L
- ¹ P5155014 Cat-Back Exhaust System, Dual Rear Exit, 2007-09 Avenger/Sebring, 3.5L, AWD
- ¹ P5153748 Cat-Back Exhaust System, Dual Tip, AWD/FWD, For use with 77DUB01003, 2007 - 09 Caliber
- ¹ P4510463 Cat-Back Exhaust System, Dual-Split Rear, Phantom Tips, 2.50" Pipe, 2003-07 PT Turbo
- ¹ P5007746 Cat-Back Exhaust System, European Version (TUV Approved), Single Phantom Tip, Split Rear, 2.25" Pipe, 2001-06 PT Cruiser, 2.4L, FWD, Non-Turbo
- P5155110 Cat-Back Exhaust System, Single Rear Exit With Dual Square Tips, 2.5" Pipe, 2007-2009 Nitro, 4.0L, V6
- ¹ P5153366 Cat-Back Exhaust System, Single Rear Exit, 2.5" Pipe, 2005-08 Magnum/300/Charger, 3.5L
- ¹ P5155071 Cat-Back Exhaust System, Single Rear Exit, 2008-09 Caliber SRT4
- ¹ P4510461 Cat-Back Exhaust System, Split Rear, Split Rear Exit, 2.50" Pipe, 2003-05 Neon SRT4

B. Exhaust, Catalytic Converter Delete Kit

More power when you need it...that's what's behind this kit. Eliminating the catalytic converter means less restriction and more airflow and that means more power. And, as a bonus, you get the kind of engine sound that will show everyone that you mean business.

- ¹ P4510649 Catalytic Converter Delete Kit, 2.50" Tubing, Comes With Replacement Front Pipe To Be Used With P4510461 Only, 2003-2005 Dodge Neon SRT 4



B.

EXHAUST SYSTEMS

A. Exhaust Headers

¹ P5153566 Header, 2007-09 Compass/Patriot/Caliber, FWD, Non-Turbo



Exhaust Tips (Not Shown)

82208095 Exhaust Tip, 3.0 inch x 7 inch long x 2.25 round, round rolled angle cut, clamp on tip, 2001-08 PT Cruiser



A. P5153566

B.

TRANSAXLE COMPONENTS

B. Limited Slip Differentials

Quaife automatic torque-biasing (ATB) Limited-Slip Differentials are high-quality components that help make your ride even quicker. The unique design improves handling and steering, and powers both drive wheels under nearly all conditions. Internal components sense which wheel has better grip, then biases more power to that wheel. Installation Kit is required. A Limited Slip Differential is standard equipment on the 2004-05 Dodge SRT4.

¹ P5007382 Differential, Limited Slip, 1995-05 Neon T-350 Manual Transmission and 2001-09 PT Cruiser, Non-Turbo

¹ P5007923 Differential, Limited Slip, 2003 Neon SRT4, 2002-05 Stratus R/T Sedan, Sebring Convertible V6 T-850 Manual Transmission

¹ P4510588 Installation Kit, Differential, Limited Slip, 2003 Neon SRT4, 2002-05 Stratus R/T Sedan, Sebring Convertible V6 T-850 Manual Transmission



Clutch Installation Kit (Not Shown)

¹ P5007435 Clutch Installation Kit, 1995-99 Neon

C.

D.

C. Short-Throw Shifters

¹ P4510486 Shifter, Short-Throw, Hurst 2003-09 PT Turbo

¹ P4510263 Shifter, Short-Throw, Hurst, 2001-09 PT Cruiser Non-Turbo

¹ P4510485 Short-Throw Shifter, Direct Bolt-on, Self-Contained Unit, 2003-05 Neon SRT4, 2000-05 Neon

D. Gearshift Boot

Original equipment replacement part.

¹ 05029257AA Boot, Gearshift, Neon SRT4

E. Drive Boots

P5153906 Drive Boots, Rubber, 2008-09 Caliber SRT4



E.

Questions? Call the Mopar Direct Connection Techline at 1-888-528-HEMI (4364)

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FOUR- AND SIX-CYLINDER LATE MODEL VEHICLES

WHEEL COMPONENTS

A. Hub and Bearing Kit

Kit can be used to upgrade standard Neon Wheel Hubs and Bearings or to service Neon ACR. Upgrade is recommended for non-ACR Neons used for racing purposes. ACR hubs and bearings should be replaced after 12 on-track hours. Kit includes one hub and one bearing. Same as production 1995-99 Neon ACR.

¹ P5007314 Hub and Bearing Kit, 1995-99 Neon ACR

Wheel Stud Set (Not Shown)

P4452162 Wheel Stud, Front and Rear: 1984-88 Daytona, Pacifica, Shelby, Laser, Chrysler GS Turbo II, Turismo, GHL, Scamp, Rampage, TC-3, 024, Front: 1995-99 Neon

¹ P4349052 Wheel Stud, FWD, 12 mm x 1.5 mm Diameter, 2.2L/2.5L L/G-Bodies, Set

EXTERIOR BODY COMPONENTS

Charge Air Cooler (Not Shown)

Original equipment replacement part.

05278944AD Air Intercooler, Neon SRT4, 2.4L

B. Fascia and Cladding

77DUB01002 Fascia, Front, Rallye Style, 2006-09 Caliber

77DUB01003 Fascia, Rear, Rallye Style, 2006-09 Caliber

77DUB01008 Sill & Door Cladding, Rallye Style, w/ Integral NACA duct, 2006-09 Caliber

Power Bulge Hoods (Not Shown)

05134116AC Power Bulge Hood (Neon SRT4)

BRAKES

Brake Pads (Not Shown)

¹ P5153994 Brake Pads, Axle Set, 2008-09 Caliber SRT4.

BEARING

Main Bearings (Not Shown)

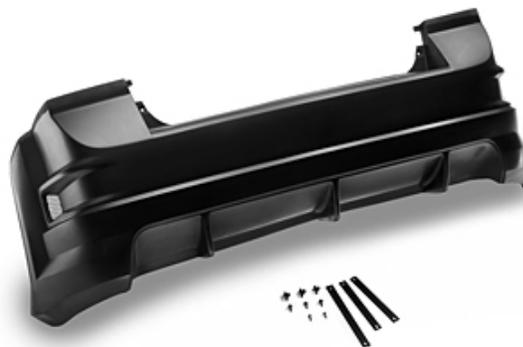
P4120964 Bearings, Main, 1,2,4,5, Standard 2.2L



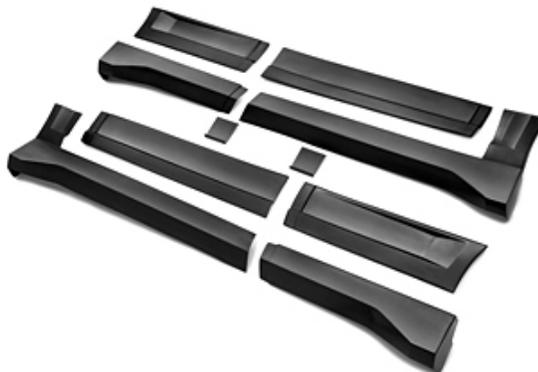
A.



B.



B.



B.

AUTHENTIC PERFORMANCE™



MUSCLE_STREET_SPEED_TRAIL

From the early hot rod giants to the Kahne kingdom's influence on today's tracks, drivers at all levels of the racing world have done the victory dance with Authentic Performance Parts by Mopar. As the main manufacturer of performance parts for pro stock and the architects driving the aerodynamic advances for Mopar funny cars, we've pushed more envelopes than the post office — and delivered every time.



PERFORMANCE

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AUTHENTIC PERFORMANCE™



DRAG RACING



PERFORMANCE



2009 DODGE CHALLENGER DRAG PAK REPLACEMENT PARTS

ENGINE	
PART NUMBER	DESCRIPTION
DRAG PAK ENGINE ASSEMBLIES	
P5155189	6.1L HEMI EFI
P5155190	5.7L HEMI EFI
P5155197	5.9L Magnum EFI
ENGINE COMPONENTS	
P5153579	5.9L Race Cylinder Block
P5155180	5.9L Fuel Injection Kit
P5155288	5.7L/6.1L EFI Intake Manifold Kit
P5155188	5.7L/6.1L Forged Crankshaft
P5155238	5.7L/6.1L Race Crank Damper
P5155167	5.7L/6.1L High Capacity Oil Pan
P5155287	Drag Pak Lightweight Starter

TRANSMISSION / SUSPENSION	
PART NUMBER	DESCRIPTION
P5155203	Front Suspension Kit
	Includes: Brake, Knuckle and Hub
P5155259	Brake Master Cylinder Assembly
P5155176	Manual Steering Rack Assembly
P5155286	MTX 6-Speed Bellhousing Assembly

BODY	
PART NUMBER	DESCRIPTION
P5155251	Instrument Panel Assembly
P5155097	Polycarbonate Front Window (Left)
P5155098	Polycarbonate Front Window (Right)
P5155102	5.9L Engine Mount Kit
P5155103	5.7L / 6.1L Engine Mount Kit
P5155250	Switch Control Panel
P5155227	Trunk Release Cable Kit
P5155226	Manual Throttle Cable Kit
P5155108	Accelerator Pedal Kit

PERFORMANCE

BLOCKS

A. Cast Iron "R3" Race Engine Blocks

Building on Mopar heritage, the "R3" race block family offers the latest in design technology along with the options to meet your specific needs. All of these blocks feature:

- Process-controlled castings utilizing high-strength cast iron
- 100% CNC machining with full statistical process control
- Thick deck surface and six-bolt cylinder head attachment (48° blocks) for improved sealing and reliability
- Various options that provide deck height potentials of 8.900-inch to 9.600-inch
- Tappet angles in both 59° (stock) and 48° are available (improved valve train geometry)
- (59° blocks are not recommended for use with roller tappets)
- Thicker main webbing and pan rail for improved rigidity
- Four-bolt mains in your choice of ductile iron or billet steel
- Machined for "LA" and Magnum head oiling, as well as engine mounts



A. P4876381AB

- ¹ **P5153743** Block, Cast Iron, 340 Replacement, Siamese-bore, 4.175" Rough Bore
- ¹ **P4876671AD** Block, Cast Iron, Race, "R3", Siamese-bore, 3.998" Rough Bore
- ¹ **P4876673AD** Block, Cast Iron, Race, "R3", Siamese-bore, 3.998" Rough Bore
- ¹ **P4876791AD** Block, Cast Iron, Race, "R3", Siamese-bore, 3.998" Rough Bore
- ¹ **P4876381AB** Block, Cast Iron, Race, "R3", Siamese-bore, 4.050" Rough Bore

Note: Refer to chart below for additional specifications.

S
P
E
E
D

Magnum/340/"R3" Cast Iron Blocks

Part No.	Deck Nom.	Deck Min.	Cyl. Design	Bore Size/Finish	Over Bore	Cap Design	Tappet Angle	Journal Size	Notes
P4876381AB	9.025"	8.90"	Siamese	4.050" - Rough	4.220"	4-Bolt — Steel	48°	318/340	(2,3,4)
P4876671AD	9.200"	8.90"	Siamese	3.998" - Rough	4.220"	4-Bolt — Iron	48°	318/340	(1)
P4876791AD	9.200"	8.90"	Siamese	3.998" - Rough	4.220"	4-Bolt — Iron	59°	318/340	(5)
P4876673AD	9.600"	9.30"	Siamese	3.998" - Rough	4.220"	4-Bolt — Iron	48°	318/340	(1)
P5007552AB	9.600"	9.30"	Non-siamese	4.040" - Honed	4.080"	4-Bolt — Iron	59°	318/340	(5,6)
P5153478AB	9.600"	9.30"	Siamese	4.040" - Honed	4.220"	4-Bolt — Iron	59°	318/340	(5,6)
P5153743	9.600"	9.30"	Siamese	4.175" - Rough	4.220"	4-Bolt — Iron	59°	318/340	(5)
P5153579	9.600"	9.30"	Siamese	3.910" - Honed	4.220"	4-Bolt — Iron	59°	318/340	(5,6)
P5153452	9.600"	9.30"	Siamese	4.000" - Honed	4.220"	4-Bolt — Iron	59°	360	(5,6)

Notes:

1. 48° cam tunnel machining requires cam bearings P4876372 and cam UGL P4876633 or P4876634.
2. 48° roller cam tunnel machining requires 50 mm roller cam bearings P4876707 and cam UGL P5007932 or P5007134..
3. Dry Sump application only, requires external oil pump and filter.
4. Steel billet cap application with four-bolt (center three caps)
5. 59° cam tunnel machining uses stock-style camshaft.
6. Comes with Camshaft Bearings installed in block.

Questions? Call the Mopar Direct Connection Techline at 1-888-528-HEMI (4364)

¹ Not legal on pollution-controlled vehicles or vehicles registered for highway use.

DRAG RACING

BLOCKS

A. Cast Iron "R4" Race Engine Blocks

These Siamese-bore short deck, high-nickel alloy R4 Cast Iron Race Blocks are stress-relieved, shot-peened and machined for 60 mm roller cam bearings. They are 100% CNC machined and feature small main bearing size (2.25" journals) and four-bolt main caps. Blocks are available with either the P5/P9 head or Wedge head bolt pattern.

- ¹ P5007151AC Block, Cast Iron, "R4" Race, P5/P9 Heads
- ¹ P5007270AC Block, Cast Iron, "R4" Race, Wedge Heads

Note: Refer to chart below for additional specifications.

B. Magnum/340 Replacement Block

Magnum and "LA" Blocks are designed for general high performance use and entry-level racing.

- Ready for assembly without the need for any additional machining
- Bored and honed to standard bore size
- Cam bearings and freeze plugs installed in block
- Hardware kit included
- Ductile Iron Main Caps with ARP bolts (four-bolt on the center three caps)
- Dual motor mounts with "LA" and Magnum mounts (must use late 1970s 318 mount for left side)
- Heavy Duty Casting with thicker deck and bore walls
- Works with all stock-style engine components
- P5153452 and P5153579 work with Magnum stock-style Hydraulic Roller Camshafts (required tappet retainer kit P5155275)
- Not recommended for use with aftermarket tie bar-style mechanical roller tappets
- Siamese-bore (all except P5007552AB) - allows up to 4.220" bore size
- Standard deck height - 9.600"
- Setup for wet sump oiling system with oil drain holes in the valley
- Magnum blocks can also be used for "LA" applications with dual oiling system provisions (LA oil passages to heads or Magnum oiling through pushrods, and flat tappet or hydraulic roller cams)
- MPI provisions for Magnum crank trigger
- 59° Tappet Bore - works with all stock-style cylinder heads and camshafts

- ¹ P5153478AB Block, Cast Iron, 340 Replacement, Siamese-bore, 4.040" Finished Bore
- ¹ P5007552AB Block, Cast Iron, 340, Non-Siamese-bore, 4.040" Finished Bore
- ¹ P5153579 Block, Cast Iron, Race, 5.2L Magnum/318 "LA", Siamese-bore, 3.910" Finished Bore
- ¹ P5153452 Block, Cast Iron, Race, 5.9L Magnum/360 "LA", Siamese-bore, 4.000" Finished Bore

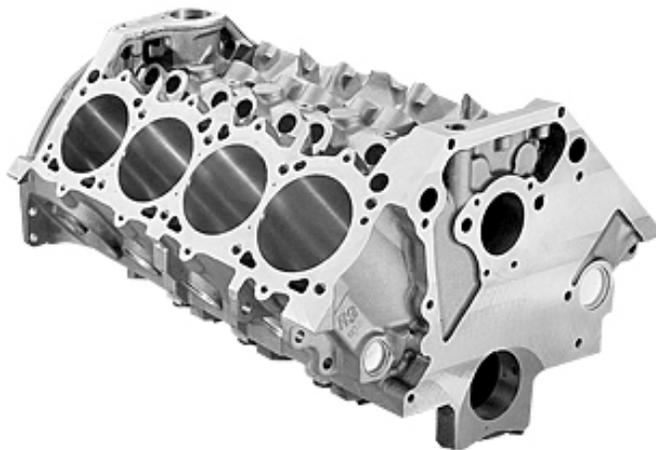
Note: Refer to the chart on the previous page for additional block specifications.



A.



B. P5007552AB



B.

"R4" Block Engine Applications

Part No.	Deck Nom.	Deck Min.	Cyl. Design	Over Bore	Cap Design	Tappet Angle	Journal Size	Notes
P5007151AC	8.585"	8.445"	Siamese	4.220"	4-Bolt — Steel	45/59°	2.25	(1,3)
P5007270AC	8.575"	8.445"	Siamese	4.220"	4-Bolt — Steel	48°	2.25	(1,2)

Notes:

1. Dry Sump application only, requires external oil pump and filter.
2. 48° cam tunnel machining requires 60 mm cam bearings P5007361 and cam UGL P5007437.
3. No distributor.



A.



B.



C.



D.

Small Block Engine Displacement (Cubic Inches)

Stroke	Bore										
	3.910"	3.940"	3.970"	4.000"	4.030"	4.040"	4.060"	4.100"	4.125"	4.180"	4.220"
3.31"	318	323	328	333	338	340	343	350	354	363	370
3.58"	344	349	355	360	365	367	371	378	383	393	401
3.79"	364	370	375	381	387	389	392	400	405	416	424
4.00"	384	390	396	402	408	410	414	422	427	439	448
4.25"	408	414	421	427	433	436	440	449	454	466	476

BLOCKS

A. A4 Aluminum Race Blocks

Designed for USAC Midget and Drag Racing. These lightweight blocks come with steel billet caps, ductile iron sleeves and hardware kit.

- P5007467 Block, Drag, P5 Head
- P5153903 Block, Drag, P9 Head
- P5007636AB Block, Drag, W9 and W9RP Head
- P5153612 Block, Midget, P9 Head
- P5007466 Block, Midget, W9 and W9RP Head

GEAR DRIVES AND SERVICE PARTS

B. Gear Drives/Fuel Pump Eccentric

Eliminates chain-induced cam timing fluctuations.

- P4120484 Fuel Pump Eccentric, Moly-Coated, Small Block
- P5249758 Gear Drive (not shown), Use With Fuel Pump Eccentric P4120484

CRANKSHAFTS AND HARDWARE

C. Forged Crankshafts

Surface hardened, 4340 forged steel Small Block Crankshafts feature radiused fillets at main and rod journals and a six-bolt flange.

- ¹ P5007252 Crankshaft, Forged, 4.00" Stroke, 318/340 Main
- ¹ P5007254 Crankshaft, Forged, 4.00" Stroke, 360 Main

CAMSHAFTS, LIFTERS, AND HARDWARE

D. Roller UGL Camshafts - Race

The 48° tappet "R" blocks (R1, R2, R3, R4) and the 48° tappet aluminum blocks require special cams. These UGL (unground lobe) cams can be provided to cam grinders to enable them to grind their specific cam profiles to create a finished cam. Cannot be used in engine as is.

- ¹ P5007932 Camshaft, Roller, UGL, Race, Roller Tappets, for 50 mm Roller Bearings P4876707, "R" Blocks
- ¹ P5007437 Camshaft, Roller, UGL, Race, Roller Tappets, for 60 mm Roller Bearings P5007361, "R" Blocks
- ¹ P4876633 Camshaft, Roller, UGL, Race, Roller Tappets, for Babbitt Bearings P4876372, "R" Blocks

DRAG RACING

CYLINDER HEADS, HARDWARE, AND GASKETS

A. P5 Hemi Aluminum Cylinder Head

Mopar semi-machined P5 Hemi Cylinder heads feature a high-quality aluminum casting designed for race applications. Special features include a unique valve cover design, 5/16-inch valve stem size, unique six-bolt cylinder head mounting design for improved sealing and unique valve angles (10° intake, 2° exhaust). For use with "R4" Cast Iron Block (P5007151AC) and A-4 Aluminum Block (P5007467). Requires machining and porting.

¹ P5007509AB Cylinder Head, Aluminum, P5 Hemi

P5 Cylinder Head Gasket Set (Not Shown)

Designed and engineered for NHRA Pro Stock Truck competition. Exclusively for "R4" Cast Iron Block/P5 Hemi Aluminum Cylinder Head combination.

¹ P5007452 Gasket, Cylinder Head, Up to 4.180" Bore, "R4" Cast Iron Block/P5 Hemi Aluminum Head

VALVE COVERS AND HARDWARE

B. P5/P9 Valve Covers

Magnesium Valve Cover Set for P5 or P9 Cylinder Heads.

¹ P5153323 Valve Cover, Magnesium, P5 Hemi Heads, Set of two covers

¹ P5153698 Valve Cover, Magnesium, P9 Head (Sold individually)

¹ P5007218 Gasket, Valve Cover, O-Ring-style, P5 Hemi® Heads, Set

C. W8 Valve Cover Set

These distinctive Magnesium Valve Covers are designed exclusively for use with Mopar W8 Cylinder Heads. Sold as a pair.

¹ P4876401 Gasket, Valve Cover, W8 Heads, Set

¹ P4876676 Stud Kit, Valve Cover, W8

P4876699 Valve Cover, Magnesium, W8 Heads, Set

TRANSMISSION COMPONENTS

D. Valve Body Assembly

Get manual shift turbo action. RWD Valve Body Assembly eliminates 2-3 shift overlap. Fits all 1966-76 Mopar transmissions and 1966-83 non-lockup, reverse pattern. For race use only.

¹ P4007291 Valve Body Assembly, 1966-83, A-727, A-904



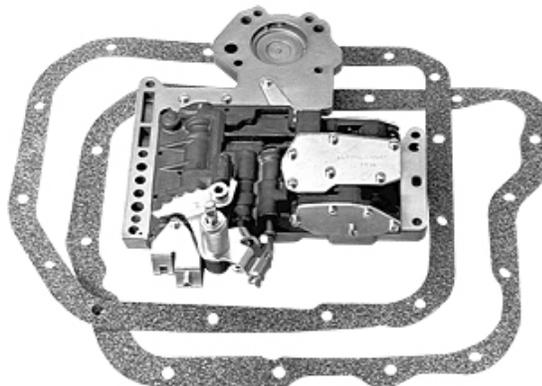
A.



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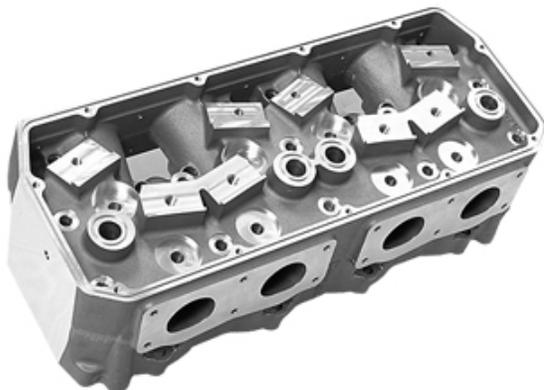
C. P4876676



D.



A.



B.



C.



D.

HEMI PRO STOCK

A. 2006 Hemi Pro Stock Block

This 2006 Hemi Pro Stock Block is legal for NHRA Pro Stock racing and features 4.900-inch bore centers, four-bolt splayed mains and a 9.100-inch deck height as shipped.

¹ P5153651 Block, Hemi Pro Stock

B. Hemi Pro Stock Cylinder Heads

Now you can power up with the same cylinder heads used on the Mopar-sponsored NHRA Pro Stock race engines. Heads are made of heavy-duty aluminum and feature a six-bolt head pattern. Both ports are designed with material for porting and the intake ports point straight at carburetors. Valve alignment is E-I-I-E-E-I-I-E. Heads use individual rocker shaft system. Oil drain is located at each end of the head. Requires finish machining and porting.

¹ P5007178 Cylinder Head, 5.00" Bore Center, IHRA, Hemi Pro Mod

¹ P5153447AB Cylinder Head, NHRA Hemi Pro Stock

C. Hemi Pro Stock Valve Covers

Cast Magnesium Pro Stock Valve Covers with cast-in Hemi® logo are designed for Hemi Pro Stock Cylinder Heads only. Single plug design (sold individually).

¹ P4876884 Valve Cover, 4.90" Bore Center, NHRA, Hemi Pro Stock

¹ P5007300 Valve Cover, 5.00" Bore Center, IHRA, Hemi Pro Stock

D. Rear Seal Retainer

This billet aluminum rear seal retainer is anodized blue with the engraved Mopar "M".

¹ P5153470 Retainer, Rear Seal, B/RB/Hemi

Hemi Pro Stock Valve Guide (Not Shown)

¹ P5007813 Valve Guide, For Use With Pro Stock Cylinder Heads P5153447AB, Sold Individually



AUTHENTIC PERFORMANCE™



SPRINT CAR / MIDGET / DIRT LATE MODEL



PERFORMANCE

SPRINT CAR / MIDGET / DIRT LATE MODEL

BLOCKS

A. A8 Aluminum Sprint Car Blocks

Designed specifically for Sprint/Late Model race cars. They feature improved windage and a larger diameter camshaft. Steel main bearing caps, main bearing cap studs and fasteners are included.

¹ P5153378 Block, Aluminum, A8 Sprint Car, 9.015" Deck Height

¹ P5155076 Block, Aluminum, A8 Sprint Car, 9.015" Deck Height

¹ P5007905AB Block, Aluminum, A8 Sprint Car, 9.100" Deck Height

¹ P5007909AB Block, Aluminum, A8 Sprint Car, 9.435" Deck Height

Note: See the chart at the bottom of this page for additional information.

B. A4 Aluminum Race Blocks

Designed for USAC Midget and Drag Racing. These lightweight blocks come with steel billet caps, ductile iron sleeves and hardware kit.

P5007467 Block, Drag, P5 Head

P5153903 Block, Drag, P9 Head

P5007636AB Block, Drag, W9 and W9RP Head

P5153612 Block, Midget, P9 Head

P5007466 Block, Midget, W9 and W9RP Head

ENGINE BLOCK HARDWARE

C. Ductile Iron Cylinder Replacement Sleeve

For Aluminum Race Blocks.

¹ P5007788 Sleeve, Cylinder Replacement, 4.355-inch Outside Diameter, 4.120-inch Inside Diameter, 5.700-inch Length, A8/ A4

¹ P4510317AB Sleeve, Cylinder Replacement, 4.355-inch Outside Diameter, 4.120-inch Inside Diameter, 6.000-inch Length, A8.

¹ P4510316 Sleeve, Cylinder Replacement, 4.400-inch Outside Diameter, 4.120-inch Inside Diameter, 5.600-inch Length, A8



A.



B.



C.

Aluminum Race Blocks													
Part No.	Description	Deck Height	Water Jacket	Nom. Bore	Over Bore	Cap Design	Tappet Angle	Main Size	Use UGL	Cam Bearing	Use Heads	Repl Sleeve	Bell Housing
P5153378	A-8 / V-8	9.015"	Siamese	4.125"	4.180"	4-Bolt Steel	48°	318/340	P5007906	P5007911	W9/W9RP	P5007788	Yes
P5007905AB	A-8 / V-8	9.100"	Siamese	4.125"	4.180"	4-Bolt Steel	48°	318/340	P5007906	P5007911	W9/W9RP	P5007788	Yes
P5007909AB	A-8 / V-8	9.435"	Siamese	4.125"	4.180"	4-Bolt Steel	48°	318/340	P5007906	P5007911	W9/W9RP	N/A	Yes
P5155076	A-8 / V-8	9.015"	Siamese	4.125"	4.180"	4-Bolt Steel	48°	318/340	P5153305	P5153324	W9/W9RP	P5007788	Yes
P5007466	A-4 / I-4	8.400"	Siamese	4.125"	4.180"	4-Bolt Steel	48°	2.25"	P5007468	P5007361	W9/W9RP	P5007788	No
P5007467	A-4 / I-4	9.000"	Siamese	4.125"	4.180"	4-Bolt Steel	45°/59°	2.25"	P5007505	P5007361	P5/P5 Hemi	P5007788	Yes
P5007636AB	A-4 / I-4	8.400"	Siamese	4.125"	4.180"	4-Bolt Steel	48°	2.25"	P5007468	P5007361	W9/W9RP	P5007788	Yes
P5153612	A-4 / I-4	8.400"	Siamese	4.125"	4.180"	4-Bolt Steel	47°/59°	2.25"	P5153519	P5153700	P9	P5007788	No
P5153903	A-4 / I-4	8.400"	Siamese	4.125"	4.180"	4-Bolt Steel	47°/59°	2.25"	P5153519	P5153700	P9	P5007788	Yes

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¹ Not legal on pollution-controlled vehicles or vehicles registered for highway use.

CYLINDER HEADS, GASKETS, AND HARDWARE

A. W9 Raised Port Aluminum Cylinder Head

This partially-machined Aluminum Cylinder Head with raised intake and exhaust ports is recommended for use in Sprint and Midget cars.

Features:

- High-strength, lightweight A356 aluminum alloy casting
- Ports raised significantly higher than standard W9 cylinder heads
- Machined deck, intake surface, head bolts and valve cover rail
- Small cast ports allow for flexibility in porting (requires porting)
- Chamber is cast filled-in to allow very small machined chamber (requires machining)
- Requires machining for valve guides, spark plugs, intake screws, porting, valve spring pockets, rocker stands and injectors
- Designed for 13° valve angle
- For use on 48° V8 and four-cylinder blocks
- Recommended valve length: 6.040" intake and 6.060" exhaust
- Six-bolt head attachment design
- Accepts five-bolt Mopar valve cover and gasket
- Recommended for use with T&D rocker arms with 0.750" offset (custom order)

P5007904 Cylinder Head, Aluminum, Raised Port, Semi Machined, Small Block, A4 Midget Block, W9RP

¹ **P5007904AB** Cylinder Head, Aluminum, Raised Port, with Extra Stiffening Ribs, Small Block, A4 Midget Block, W9RP



A.

B. W9 Aluminum Cylinder Heads

Designed with the professional racer in mind, Mopar W9 Aluminum Cylinder Heads incorporate the latest in "Paperless Design Technology" to give racers the leading edge. These heads feature high-strength, lightweight A356 aluminum alloy casting. Their thick decks permit small chambers for maximum compression ratios. Heads feature six-bolt head attachment design for sealing integrity, and raised intake and exhaust ports for maximum performance. Heads have a 15° valve angle, with additional material to permit "rolling" the head (except head P5007861, which is 13°). These heads are the same length as the block, to permit ease of installation with engine plates. Machined for 5.540" intake and 5.560" exhaust valves. Heads accept five-bolt Mopar valve cover and gasket.

¹ **P5007861** Cylinder Head, Aluminum, 48°, Small Block, A4 Midget Block, W9 Cylinder Heads (13°)

¹ **P5007855** Cylinder Head, Aluminum, 48°, Small Block, A4 Midget Block, W9 Cylinder Heads (15°)



B.

Questions? Call the Mopar Direct Connection Techline at 1-888-528-HEMI (4364)

¹ Not legal on pollution-controlled vehicles or vehicles registered for highway use.

CYLINDER HEADS, GASKETS, AND HARDWARE

A. Racing Gaskets

Gaskets feature the latest in four-armor design composite gasket technology. Designed to accommodate both four- and six-bolt head attachment systems. Sold as an engine set.

- ¹ P4876666 Gasket Set, Cylinder Head, Lock Wire, to 4.18" Bore; Head Needs Groove Machining (W7, W8, W9 Heads)

B. Cylinder Head Stud Kits

Contains studs, nuts and washers. Complete engine set.

- ¹ P5153699 Stud Kit, Cylinder Head, A4 Engine Block with P9 Cylinder Heads
- ¹ P4876757 Stud Kit, Cylinder Head, Aluminum Block, W9 Heads
- ¹ P5007912 Stud Kit, Cylinder Head, Aluminum Block, W9 Raised Port Cylinder Head (A8 and A4 Engine Blocks with W9RP Cylinder Heads)

P9 Aluminum Cylinder Heads (Not Shown)

Semi-machined head (requires machining and porting) is designed for USAC Midget and Competition Eliminator Drag Racing. For use with A4 Blocks P5153612 or P5153903, or R4 Block P5007151AC.

- ¹ P5155090 Cylinder Head, P9, Semi-Finished, Cubed
- ¹ P5153645 Cylinder Head, P9, Semi-Machined

INTAKE MANIFOLDS, HARDWARE, AND GASKETS

Aluminum Single Plane Intakes - Four-Barrel - Race (Not Shown)

- ¹ P4532598 Intake Manifold, Aluminum, Single Plane, Four-barrel Carburetor, Rectangle Port, 9.000" Deck, W7/W8/W9 Cylinder Heads
- ¹ P4876162 Intake Manifold, Aluminum, Single Plane, Four-barrel Carburetor, Rectangle Port, 9.600" Deck, W7/W8/W9 Cylinder Heads

Intake Manifold Gasket Sets (Not Shown)

Custom fit for use with Mopar Sprint Car/Dirt Late Model cylinder heads. Kits come complete to service one engine set. Includes gaskets and end seals (where applicable).

- ¹ P5153794 Gasket, Intake Manifold, P9 Heads, 0.045" Thick
- ¹ P5007153 Gasket, Intake Manifold, W9 Heads, 0.030" Thick
- ¹ P5007154 Gasket, Intake Manifold, W9 Heads, 0.045" Thick
- ¹ P5007155 Gasket, Intake Manifold, W9 Heads, 0.060" Thick
- ¹ P5007156 Gasket, Intake Manifold, W9 Heads, 0.090" Thick



A.



B.

VALVE COVERS

P9 Valve Covers (Not Shown)

Magnesium Valve Cover set for P9 Cylinder Heads

- ¹ P5153698 Valve Cover, Magnesium, P9 Head (Sold individually)

CAMSHAFTS, LIFTERS, AND HARDWARE

A. UGL Camshafts

Race engines often require special camshafts. These lightweight UGL (unground lobe) Camshafts enable cam grinders to grind specific cam profiles to create a finished camshaft. Cannot be used in engine as is (for use with roller tappets and roller cam bearings only).

- ¹ P5007134 Camshaft, Aluminum, UGL, 50 mm, "R" Blocks, Aluminum "A" Engine (W9/W9 RP)
- ¹ P5007468 Camshaft, Aluminum, UGL, A4 Race Blocks (W9/W9 RP)
- ¹ P5007505 Camshaft, Aluminum, UGL, A4, (P5)
- ¹ P5007906 Camshaft, UGL, 2.125", A8 Block (W9/W9 RP)
- ¹ P5153305 Camshaft, UGL, 60 mm, Race, A8 (W9/W9 RP)
- ¹ P5153519 Camshaft, UGL, 60mm Roller Journals, A4 (P9)



A.

B. Camshaft Bearings

Complete engine set of roller camshaft bearings.

- ¹ P5007911 Bearings, Camshaft, 2.125", Roller Bearing Applications, A8 Block
- ¹ P5153700 Bearings, Camshaft, 60 mm, Roller Bearing Application, A4 with P9 Cylinder Heads
- ¹ P5153324 Bearings, Camshaft, 60 mm, Roller Bearing Application, Requires Block Machining, A8 Block
- ¹ P5007361 Bearings, Camshaft, 60 mm, Roller Bearing Applications, R4 or A4 Blocks with W9, W9RP



B.

C. Rear Cam Plates

Packages include rear seal plate only.

- ¹ P4510810 Cam Plate, Rear, Dirt Late Model, A8 Block
- ¹ P4510809AB Cam Plate, Rear, Sprint Cars, A8 Block

Camshafts (Not Shown)

- P4529958 Camshaft, Hydraulic, 284 Duration, .484" Lift, 106 CL, for Oval Track "A" ENGINES



C.

Questions? Call the Mopar Direct Connection Techline at 1-888-528-HEMI (4364)

¹ Not legal on pollution-controlled vehicles or vehicles registered for highway use.

SPRINT CAR / MIDGET / DIRT LATE MODEL

ROCKER ARMS, SHAFTS, SUPPORTS, AND HARDWARE

A. Pro Race Rocker Arm System

Complete "Pro" Race Rocker Arm System made of high-strength aluminum, including shafts and bolts. Designed for high-rpm, high-load racing applications. Roller tip. Needle bearing center pivot. Requires hollow pushrods for oiling. May require grinding on block and head for clearance.

¹ P5007470 Rocker Arm Set, 0.550" Offset, 1.6 Ratio, One Head Only, W9



CRANKSHAFTS AND HARDWARE

B. Billet Sprint Car Crankshaft

This lightweight 4330m Billet Steel Sprint Car Crank features 2.00-inch rod journals, 340 mains and a generic six-bolt rear flange.

¹ P5007903 Crankshaft, Billet, Sprint Car, 3.80" Stroke

C. Midget Crankshaft (A4)

This fully-machined, 4340 steel Midget Crankshaft features a six-bolt generic bolt pattern on the crank flange.

¹ P5153520 Crankshaft, Billet, Midget, 3.075" Stroke with 1.888" Rod Journals, A4 Block

¹ P5007907 Crankshaft, Forged, Midget, 3.075" Stroke w/ 2.000" Rod Journals, A4 Block

D. Midget Crankshaft - Unmachined

This unmachined, 4340 forged steel Midget Crankshaft allows you to cut custom cranks. Requires complete machining.

¹ P5007573 Crankshaft, Forged, Unmachined, Midget, 3.00"-3.25" Approx. Stroke, A4 Block

A.

B.



C.

D.

GEAR DRIVES AND SERVICE PARTS

E. Front Cover Gear Drive Set

Designed for use with Mopar aluminum race blocks (A4).

¹ P5249988 Gear Drive Package, Aluminum "A"

¹ P5007469 Gear Drive Package, Aluminum, A4 Block

¹ P5007908 Gear Drive Package, Aluminum, A8 Block

F. Hardware Kit

This Hardware Kit includes dowels, plugs, rear camshaft plate, screws, oil feed and scavenge tubes, oil crossover line and fittings, and camshaft bearing retaining screw.

¹ P5153379 Hardware Kit - A8 Block



E.

F.

GEAR DRIVES AND SERVICE PARTS

A. Replacement Timing Cover

Includes replacement timing cover without camshaft cover.

- ¹ P5153460 Cover, Timing, Replacement, A8
- ¹ P5153459 Cover, Timing, Replacement, A4
- ¹ P5153461 Cover, Timing, Replacement, Aluminum "A"



A.



B.

B. Replacement Water Pump Drive

Includes Water Pump crank Drive hub.

- ¹ P5153462 Water Pump Drive, Aluminum, Replacement, A8/Aluminum "A"



C.



D.

C. Replacement Water Pump Mount

Includes Water Pump Mount for KSE crank-driven water pump.

- ¹ P5153466 Water Pump Mount, Replacement, A8/Aluminum "A"

D. Replacement Gear Set

Includes cam, crank, and idler gears.

- ¹ P5153457 Gear Set, Replacement, A4/ A8/ Aluminum "A"



E.



F.

E. Replacement Idler Set

Includes idler shaft, roller bearing, spacer, two machined washers, three screws, and snap ring (gear not included).

- ¹ P5153458 Idler Set, Replacement, A4/ A8/ Aluminum "A"

F. Replacement Cam Drive

Includes cam drive adapter with hex drive.

- ¹ P5153463 Cam Drive, Aluminum, Replacement, A4/A8/Aluminum "A"



G.



H.

G. Replacement Cam Cover

Includes round billet Cam Cover.

- ¹ P5153465 Cam Cover, Aluminum, Replacement, A4/A8/Aluminum "A"

H. Replacement Camshaft Hub and Hardware Kit

Includes all the parts necessary to change camshafts (camshaft hub and all fasteners).

- ¹ P5007853 Hub and Hardware Kit, Camshaft, A4/A8/Aluminum "A"

I. Replacement Damper Seal Mount

Includes aluminum billet Damper Seal Mount.

- ¹ P5153464 Damper Seal Mount, Replacement, A4/Aluminum "A"



I.

OILING COMPONENTS

A. Aluminum Block Oil Pan Gaskets

Gasket designed specifically for Mopar aluminum engines.

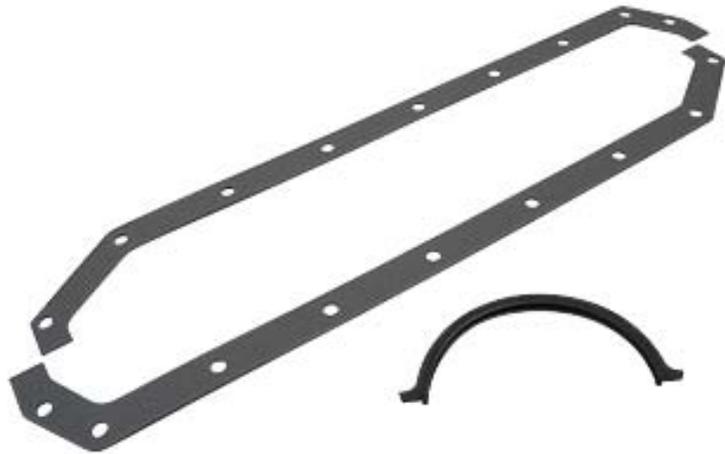
- ¹ P5007631 Gasket, Oil Pan, Aluminum A- Engines
- ¹ P5007722 Gasket, Oil Pan, Aluminum A4 Engines
- ¹ P5007910 Gasket, Oil Pan, Aluminum A8 Engines

BOOKS

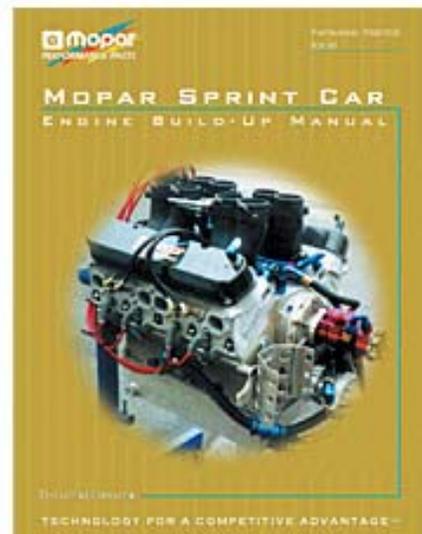
B. Mopar Sprint Car Engine Build-Up Manual

This engine build-up manual from Mopar presents package recommendations and guidelines for preparing 360 and 410 Sprint car and 358 Dirt Late Model racing engines. Detailed discussions on engine block, oiling system, cylinder heads, valve train, rotating assembly, and induction/fuel delivery are all included. In addition to engine package specifications and recommendations, this manual also includes a highly detailed 410 Sprint car engine build-up case study performed by one of today's top professional engine builders (64 pages).

P5007520AB Mopar Sprint Car Engine Build-Up Manual



A.



B.

ENGINE BLOCK HARDWARE

A. Timing Chain Covers

Package includes Timing Chain Cover, seal, and gasket.

- ¹ P5249930AB Cover, Timing Chain, Production, 9.600" Deck, Small Block and V6
- ¹ P4876632 Cover, Timing Chain, Sand Cast, Race, 9.00"-9.20" Deck, Race Water Pump/Front Motor Plate
- ¹ P4876631 Cover, Timing Chain, Sand Cast, Race, 9.00"-9.20" Deck, Standard Water Pump, Small Block, V6

B. Timing Chain Tensioner

Stabilizes camshaft timing by reducing timing chain slack. Use in place of Thrust Plate (P5249637).

- ¹ P5007709 Timing Chain Tensioner, Small Block/ 3.9L/ 5.2L/ 5.9L Truck/Magnum/Jeep Engines



A. P4876632



B.

BLOCKS

A. "R3" Cast Iron Race Engine Blocks

Building on Mopar's heritage, the "R3" race block family offers the latest in design technology along with the options to meet your specific needs. All of these blocks feature:

- Process-controlled castings utilizing high-strength cast iron and a computer-controlled stress-relieving process.
- 100% CNC machining with full statistical process control
- Thick deck surface and six-bolt cylinder head attachment (48° blocks) for improved sealing and reliability
- Rough bore at 3.900" with various options that provide over-bore capacities up to 4.220" (in Siamese-bore versions)
- Various options that provide deck height potentials of 8.900" to 9.560"
- Tappet angles in both 59° (stock) and 48° are available (improved valve train geometry) (59° blocks are not recommended for use with roller tappets)
- Thicker main webbing and pan rail for improved rigidity
- Four-bolt mains in ductile iron and billet
- 318/340 main journal size
- Machined for pre-Magnum head oiling, as well as engine mounts



A. P4876381AB

- ¹ P5153743 Block, Cast Iron, 340 Replacement, Siamese-bore, 4.175" Rough Bore
- ¹ P4876671AD Block, Cast Iron, Race, "R3", Siamese-bore, 3.998" Rough Bore
- ¹ P4876673AD Block, Cast Iron, Race, "R3", Siamese-bore, 3.998" Rough Bore
- ¹ P4876791AD Block, Cast Iron, Race, "R3", Siamese-bore, 3.998" Rough Bore
- ¹ P4876381AB Block, Cast Iron, Race, "R3", Siamese-bore, 4.050" Rough Bore

Note: See below for additional block information.

S
P
E
E
D

Magnum/340/"R3" Cast Iron Blocks

Part No.	Deck Nom.	Deck Min.	Cyl. Design	Bore Size/Finish	Over Bore	Cap Design	Tappet Angle	Journal Size	Notes
P4876381AB	9.025"	8.90"	Siamese	4.050" - Rough	4.220"	4-Bolt — Steel	48°	318/340	(2,3,4)
P4876671AD	9.200"	8.90"	Siamese	3.998" - Rough	4.220"	4-Bolt — Iron	48°	318/340	(1)
P4876791AD	9.200"	8.90"	Siamese	3.998" - Rough	4.220"	4-Bolt — Iron	59°	318/340	(5)
P4876673AD	9.600"	9.30"	Siamese	3.998" - Rough	4.220"	4-Bolt — Iron	48°	318/340	(1)
P5007552AB	9.600"	9.30"	Non-siamese	4.040" - Honed	4.080"	4-Bolt — Iron	59°	318/340	(5,6)
P5153478AB	9.600"	9.30"	Siamese	4.040" - Honed	4.220"	4-Bolt — Iron	59°	318/340	(5,6)
P5153743	9.600"	9.30"	Siamese	4.175" - Rough	4.220"	4-Bolt — Iron	59°	318/340	(5)
P5153579	9.600"	9.30"	Siamese	3.910" - Honed	4.220"	4-Bolt — Iron	59°	318/340	(5,6)
P5153452	9.600"	9.30"	Siamese	4.000" - Honed	4.220"	4-Bolt — Iron	59°	360	(5,6)

Notes:

1. 48° cam tunnel machining requires cam bearings P4876372 and cam UGL P4876633 or P4876634.
2. 48° roller cam tunnel machining requires 50 mm roller cam bearings P4876707 and cam UGL P5007932 or P5007134..
3. Dry Sump application only, requires external oil pump and filter.
4. Steel billet cap application with four-bolt (center three caps)
5. 59° cam tunnel machining uses stock-style camshaft.
6. Comes with Camshaft Bearings installed in block.

Questions? Call the Mopar Direct Connection Techline at 1-888-528-HEMI (4364)

¹ Not legal on pollution-controlled vehicles or vehicles registered for highway use.

BLOCKS

A. Magnum/340 Cast Iron Engine Blocks

- ¹ **P5153478AB** Block, Cast Iron, 340 Replacement, Siamese-bore, 4.040" Finished Bore
- ¹ **P5153743** Block, Cast Iron, 340 Replacement, Siamese-bore, 4.175" Rough Bore
- ¹ **P5007552AB** Block, Cast Iron, 340, Non-Siamese-bore, 4.040" Finished Bore
- ¹ **P5153579** Block, Cast Iron, Race, 5.2L Magnum/318 "LA", Siamese-bore, 3.910" Finished Bore
- ¹ **P5153452** Block, Cast Iron, Race, 5.9L Magnum/360 "LA", Siamese-bore, 4.000" Finished Bore

Note: See the chart on the previous page for additional information.



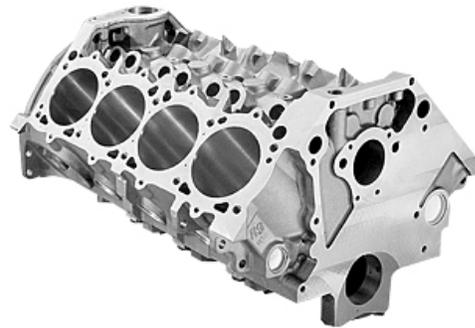
A. P5007552AB

CRANKSHAFTS AND HARDWARE

B. Forged Crankshafts

Surface hardened, 4340 forged steel Small Block Crankshafts feature radiused fillets at main and rod journals and a six-bolt flange.

- ¹ **P5007253** Crankshaft, Forged, 3.58" Stroke, 318/340 Main
- ¹ **P5007255** Crankshaft, Forged, 3.58" Stroke, 360 Main
- ¹ **P5007253AB** Crankshaft, Forged, 3.58" Stroke, 50 lbs., 2.100" Rod Journal, Generic Rear Flange, NASCAR/Late Model, 318/340 Main
- ¹ **P5007959** Crankshaft, Forged, 3.58" Stroke, 50 lbs., 2.100" Rod Journal, Generic Rear Flange, 360 Main



A.

CAMSHAFTS, LIFTERS, AND HARDWARE

C. Roller UGL Camshafts - Race

The 48° tappet "R" blocks (R1, R2, R3, R4) require special camshafts. These lightweight UGL (unground lobe) camshafts enable cam grinders to grind specific cam profiles to create a finished cam. Cannot be used in engine as-is.

- ¹ **P5007932** Camshaft, Roller, UGL, Race, Roller Tappets, for 50 mm Roller Bearings P4876707, "R" Blocks
- ¹ **P5007437** Camshaft, Roller, UGL, Race, Roller Tappets, for 60 mm Roller Bearings P5007361, "R" Blocks
- ¹ **P4876633** Camshaft, Roller, UGL, Race, Roller Tappets, for Babbitt Bearings P4876372, "R" Blocks



B.



C.

Small Block Engine Displacement (Cubic Inches)

Stroke	Bore										
	3.910"	3.940"	3.970"	4.000"	4.030"	4.040"	4.060"	4.100"	4.125"	4.180"	4.220"
3.31"	318	323	328	333	338	340	343	350	354	363	370
3.58"	344	349	355	360	365	367	371	378	383	393	401
3.79"	364	370	375	381	387	389	392	400	405	416	424
4.00"	384	390	396	402	408	410	414	422	427	439	448
4.25"	408	414	421	427	433	436	440	449	454	466	476

CYLINDER HEADS, GASKETS, AND HARDWARE

A. Composite Material Cylinder Head Gaskets

Thick, 0.040" to 0.042" gaskets can be used for replacement or competition applications up to 12.5:1 compression ratio. Sold as an engine set. Small Block four-bolt pattern.

- ¹ P4349557 Gasket, Cylinder Head, Composite Material, up to 4.06" Bore, 0.040" to 0.042" Compressed Thickness, Small Block
- ¹ P4120094 Gasket, Cylinder Head, Composite Material, Up to 4.125" Bore, Up to 12.5:1 CR, Small Block



A.

B. NASCAR Touring Series Cylinder Head

This partially-machined A356 aluminum alloy Cylinder Head is approved by NASCAR for its Touring Series. Designed and manufactured for Mopar by Brodix, this head features high-flow 239 cc intake, raised intake ports, phosphorous bronze valve guides and ductile iron valve seats. Use with intake manifold P4876829AB. (Port matching required with this intake manifold).

- ¹ P5007928 Cylinder Head, Aluminum, NASCAR Touring Series



B.

C. W2 Cast Iron Race Cylinder Heads

These heads feature flat-machined rocker pads that require T&D Pro Race Rocker Arms and long valves. Heads oiled through tappets and hollow pushrods. Older style rocker stands and rocker systems do not work with these heads.

- ¹ P5007708AB Cylinder Head, Cast Iron, Race, 2.02" Intake, 1.60" Exhaust, 48° Tappet, 47cc Chamber, W2
- ¹ P5007445AB Cylinder Head, Cast Iron, Race, 2.02" Intake, 1.60" Exhaust, 48° Tappet, 65 cc Chamber, W2
- ¹ P5249769 Cylinder Head, Cast Iron, Race, 2.02" Intake, 1.60" Exhaust, 59° Tappet, 65cc Chamber, W2



C.

Cylinder Heads													
Part Number	Description	Material	Chamber Size	Tappet Angle	Valve Angle	Valve Sizes	Valve Stem Size	Int. Port Volume	Int. Flow @ .600"	Int. Port Shape	Exh. Port Shape	Valve Cover	Approx Weight
P5007445AB	W2	Cast iron	65 cc	48°	15°	2.02"/1.60"	3/8"	190 cc	265 cfm	Oval W2	"D" W2/5	Std 5 bolt	51
P5007708AB	W2	Cast iron	47 cc	48°	15°	2.02"/1.60"	3/8"	190 cc	265 cfm	Oval W2	"D" W2/5	Std 5 bolt	51
P5249769	W2	Cast Iron	65 cc	59°	18°	2.02"/1.60"	3/8"	180 cc	260 cfm	Oval W2	"D" W2/5	Std 5 bolt	51
P5007065AB	W9	Aluminum	62 cc	48°	15°	N/A	11/32"	200 cc	290 cfm	Rect. W8/9	"D" W7/9	Std 5 bolt	22
P5007928	Brodix NTS	Aluminum	67 cc	59°	18°	2.15"/1.60"	11/32"	N/A	N/A	Rect. W5	"D"	5 bolt	N/A

Questions? Call the Mopar Direct Connection Techline at 1-888-528-HEMI (4364)

¹ Not legal on pollution-controlled vehicles or vehicles registered for highway use.

CYLINDER HEADS, GASKETS, AND HARDWARE

A. W9 Aluminum Cylinder Head

Designed with the professional racer in mind, Mopar W9 Aluminum Cylinder Heads incorporate the latest in "Paperless Design Technology" to give racers the leading edge. These heads feature high-strength, lightweight A356 aluminum alloy casting. Their thick decks permit small chambers for maximum compression ratios. Heads feature six-bolt head attachment design for sealing integrity, and raised intake and exhaust ports for maximum performance. Heads have a 15° valve angle, with additional material to permit "rolling." These heads are the same length as the block to permit ease of installation with engine plates. Machined for 5.540-inch Intake and 5.560-inch Exhaust valves. Heads accept five-bolt Mopar valve cover and gasket.

¹ P5007065AB Cylinder Head, Aluminum, 48°, Small Blocks, W9



A.

EXHAUST SYSTEMS

B. Exhaust Gasket Set

¹ P4876103AB Gasket, Exhaust Header, W-2 Dual Pattern Race, "A" Engine

¹ P5007157 Gasket, Exhaust Header, W-8/W-9, "A" Engine, Set



B.

VALVE COVERS AND HARDWARE

C. Wide Valve Cover

Uses stock production gaskets. Features Mopar Pentastar logo and reversed lip design that allows the cover to be wider on the same gasket surface. The extra width allows for larger valve springs and longer rocker arms. Five-bolt covers. Requires use of Mopar Valve Cover Stud Attaching Kit (P4876676).

¹ P4876124 Valve Cover, Wide, Stock Production Small Blocks and W2/W5/W7/W9 Flanges, Set



C.

Wide Valve Cover Hardware (Not Shown)

¹ P4876676 Stud Kit, Valve Cover, W8

¹ P5249581AB Gasket, Valve Cover, Five-Bolt Rubber with Steel Shim Reinforcement, 318/340/360/ "A" Engines up to 1992, Set

OIL, FUEL, AND WATER PUMPS

D. Oil Pump Assembly

This high-output Oil Pump Assembly provides a 25% increase in oil volume. Ideal replacement for stock pump in high-performance applications.

¹ P4286589 Oil Pump Assembly, Small Block, 3.9L V6



D.

OIL, FUEL, AND WATER PUMPS

A. Moly-Coated Fuel Pump Eccentric

The moly coating on this Fuel Pump Eccentric significantly reduces friction and wear.

P4120484 Fuel Pump Eccentric, Moly-Coated, Small Block

B. Fuel Pump

Special high rpm Fuel Pump for circle track applications.

¹ **P4876074** Fuel Pump, High-Performance

C. Water Pump - Race

High-performance water pump for racing applications.

¹ **P4876548** Water Pump, Aluminum, Race, use with Timing Chain Cover P4876632



A.

B.

NASCAR SPRINT CUP

D. NASCAR Sprint Cup Race Block

¹ **P5007427** Block, NASCAR Sprint Cup, R5

¹ **05045290AA** Block, NASCAR Sprint Cup, R6

Contact Gellett Evernham Motorsports ((704) 786-1909) for R6/P8 racing parts.

E. NASCAR Sprint Cup Aluminum Cylinder Head

Designed for the NASCAR Sprint Cup program. This partially machined head is made from high-strength aluminum alloy and features a unique six-bolt cylinder head bolt pattern.

¹ **P5007428** Cylinder Head, Aluminum, NASCAR, P7

¹ **05045292AA** Cylinder Head, Aluminum, NASCAR, P8

Contact Gellett Evernham Motorsports ((704) 786-1909) for R6/P8 racing parts.

NASCAR Sprint Cup Intake Manifolds (Not Shown)

¹ **05045403AA** Intake Manifold, Aluminum, NASCAR, R6/P8

¹ **05045404AA** Intake Manifold, Aluminum, NASCAR, R6/P8

Contact Gellett Evernham Motorsports ((704) 786-1909) for R6/P8 racing parts.

Fuel Components (Not Shown)

¹ **P5007745** Pushrod, Fuel Pump, NASCAR, R5 Block

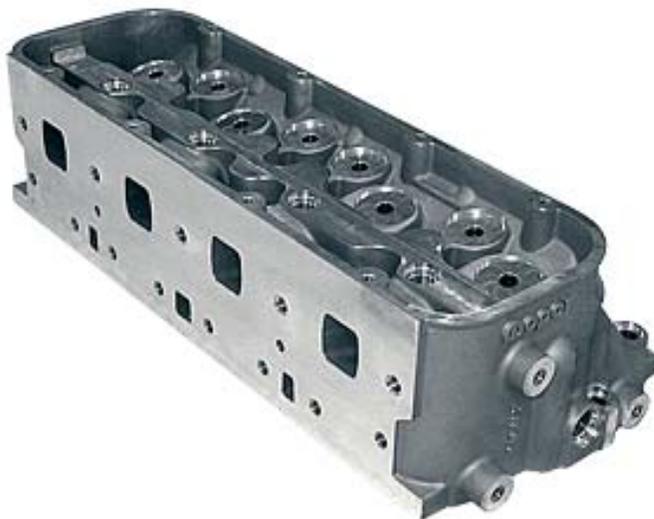
Fuel Pump (Not Shown)

¹ **P5007652** Fuel Pump, NASCAR, R5 Block



C. P4876548

D.



E.

BOOKS

A. Mopar 358 Oval Track Engine Build-Up Manual

This manual is recommended for anyone who wants to build a Mopar 358 cid oval track race engine. Written in conjunction with Dodge Motorsports race engineers, this step-by-step build-up manual contains information on cylinder block preparation, oiling system planning and modifications, cylinder head and valve train preparation, short block preparation and induction setup. Also included are complete parts and supplier listings. All the information you need to know, straight from the pros. (56 pages)

¹ P5007373AB Mopar 358 Oval Track Engine Build-Up Manual

B. Mopar Late Model Oval Track Engine Build-Up Manual

This manual is recommended for anyone who wants to build a Mopar 340-410 cid Late Model oval track racing engine. It describes all of the parts and procedures necessary to build a Late Model oval track engine for competition. Written by Mopar race engineers, this step-by-step build-up manual contains information on cylinder block preparation, oiling system planning and modifications, cylinder head and valve train preparation, short block preparation, and induction and ignition setup. Also included are complete part and supplier listings. Whether you're racing in CASCAR, NASCAR, USAR Pro Cup, or any other Late Model sanctioning organization, this manual contains all of the information you need to know straight from the people who know best. (96 pages)

¹ P5007450AB Mopar Late Model Oval Track Engine Build-Up Manual

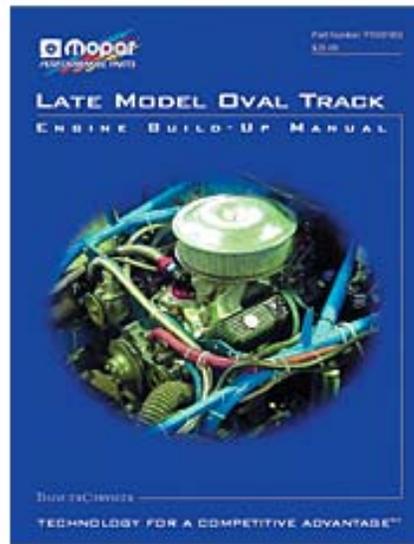
C. Mopar Oval Track Modifications - 3rd Edition

This is the book every Mopar oval track racer must have. It includes complete engine and chassis build-up information. Speed secrets and racing tips are directed primarily toward Chrysler-Plymouth-Dodge V8 engines (273-318, 340-360 "A" engines; 361-383-400 "B" engines; 413-426W-440 "RB" engines; 5.2L and 5.9L Magnum engines). Additional chapters include information on automatic and manual transmissions, driveshafts and rear axles, front and rear suspension, steering and handling, brakes, shocks, wheels and tires, body and chassis. Late Model, Sprint Car, and NASCAR Truck racing specifications and performance recommendations are also included. Summarizes more than four decades of Chrysler-Plymouth-Dodge involvement in oval track engineering and on-track testing. (500 pages)

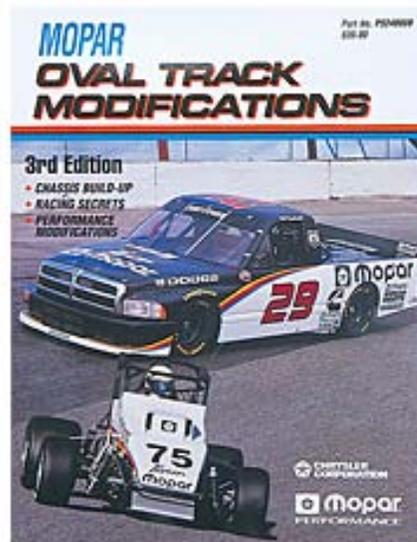
¹ P5249959AB Mopar Oval Track Modifications, 3rd Edition



A.



B.



C.

AUTHENTIC PERFORMANCE™



MUSCLE_STREET_SPEED_TRAIL

They don't call the Jeep® brand the original for nothing. The same goes for Authentic Performance Parts by Mopar. They've been designed and engineered for Jeep vehicles right from the get go. So go ahead and take on the Rubicon, get the best of the Baja, or just revel in an off-road adventure. Our performance parts are modified beyond Dodge or Jeep factory specifications — so they can meet yours.



PERFORMANCE

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AUTHENTIC PERFORMANCE™



JEEP® / TRUCK



PERFORMANCE

JEEP/TRUCK

BLOCKS

A. Magnum Race Blocks

These new Magnum Race Blocks are made from the heavy-duty siamese-bore casting.

Features:

- Ductile iron main caps (four-bolt on the center three caps)
- Dual motor mounts with "LA" and Magnum mounts (must use late 1970s 318 mount for left side when using 340/360 "LA" Wedge motor mounts)
- Heavy-duty casting with thicker deck and bore walls
- Works with all stock Magnum engine components
- Allows use of Magnum "stock-style" hydraulic roller camshafts
- Not recommended for use with aftermarket tie bar-style mechanical tappets
- High-nickel block casting
- Siamese-bore - allows up to 4.220" bore size

¹ P5153579 Block, Cast Iron, Race, 5.2L Magnum/318 "LA", Siamese-bore, 3.910" Finished Bore

¹ P5153452 Block, Cast Iron, Race, 5.9L Magnum/360 "LA", Siamese-bore, 4.000" Finished Bore

ENGINE BLOCK HARDWARE

B. Front Cover Gasket

For 5.2L/5.9L Dodge Truck Magnum and Jeep engines.

P4876052 Gasket, Front Cover, 5.2L/5.9L Dodge Truck Magnum/Jeep Engines

C. Engine Teardown Gasket Sets

All the gaskets needed for a complete engine teardown, including oil pan, cylinder head, valve cover, timing chain cover, intake manifold, exhaust and oil pump.

P4529245 Gasket, Engine Teardown, 4.0L Jeep Engines, up to 1998

P4876248 Gasket, Engine Teardown, 5.2L Truck Magnum/Jeep Engines

P4876249 Gasket, Engine Teardown, 5.9L Truck Magnum/Jeep Engines, Set

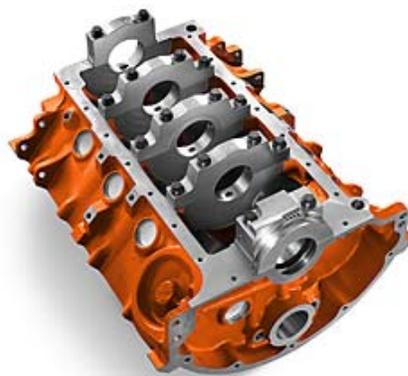
CRANKSHAFTS AND HARDWARE

D. Cast Crankshafts

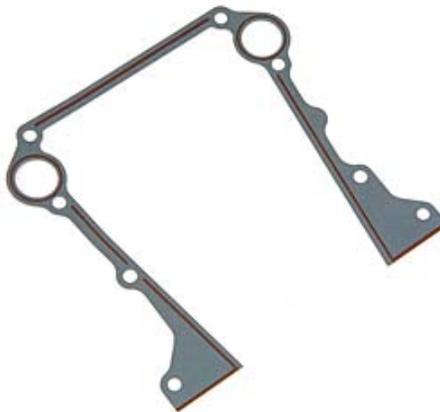
Heavy-duty, surface hardened Cast Crankshafts feature radiused fillets at main and rod journals. Requires balancing. Six-bolt pattern on crank flange. 4.00-inch stroke cranks require clearancing on block and the use of custom pistons.

¹ P5007259 Crankshaft, Cast Iron, 3.58" Stroke, 360 Main Small Block, 5.9L Truck Magnum/Jeep Engines

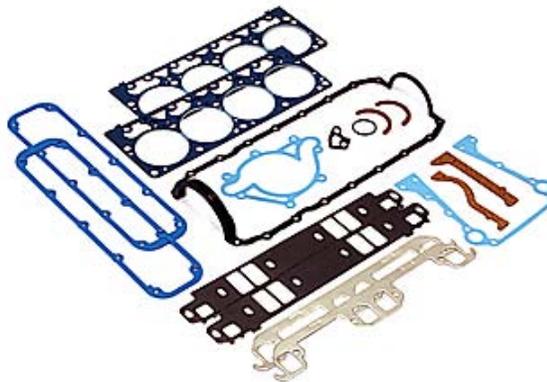
¹ P5007258 Crankshaft, Cast Iron, 4.00" Stroke, 360 Main Small Block, 5.9L Truck Magnum/Jeep Engines



A.



B.



C.



D.

TIMING CHAIN AND SPROCKETS

A. Flywheel Attaching Package

Contains all the bolts required to attach the flywheel and clutch to the engine assembly. Includes six flywheel bolts, six clutch bolts, pilot bearing and seal.

P4529636AB Hardware Kit, Flywheel, 4.0L AMC 360 Jeep Manual Transmission

B. Timing Chain Tensioner

Stabilizes cam timing by reducing timing chain slack. Can be used instead of Thrust Plate P5249637.

¹ **P5007709** Timing Chain Tensioner, Small Block/ 3.9L/ 5.2L/ 5.9L Truck/Magnum/Jeep Engines

C. Double Roller Chain and Sprocket Sets

High-strength Double Roller Chain and Sprocket Sets provide added durability and decreased rotational friction compared to production silent chains. Sets include Magna-Fluxed sprockets and roller timing chain.

¹ **P5249267** Chain, Double, Roller, with Sprockets, One-bolt Mount, Three Matched Keyways, Small Block, 5.2L/5.9L Magnum/Jeep Engines

¹ **P5249519** Roller Chain and Sprocket, Double, 1-Bolt Mount, One Keyway, 2.5L/4.0L Jeep Engines up to 1998

VIBRATION DAMPERS

D. Thin Crank Vibration Damper

Production-style Thin Crank Vibration Damper designed for all 5.9L Magnum production balanced small blocks. Not SFI-approved.

P5007187AB Vibration Damper, Thin Crank, 5.9L Truck Magnum/Jeep Engines, 360 Magnum Crate Engines

E. Replacement Vibration Damper

Compatible with production crankshaft and piston rod weight.

P5249535 Vibration Damper, Production Replacement, V-Belt, 4.2L Jeep Engines

F. Damper Attachment Package

Contains all the parts necessary to attach the vibration damper to the crankshaft.

P4529677 Hardware Kit, Damper, 2.5L/4.0L Jeep Engines



A.

B.



C.

D.



E.

F.

VIBRATION DAMPERS

A. Damper Degree Timing Tape

Improve timing accuracy with this Damper Degree Timing Tape. Marked in 90° increments. Self-adhesive strip adheres to the crank vibration damper for clear identification of marks. Permits initial total spark advance up to 60° instead of only 10°-15° as on chain case timing tab. Damper not included.

P4529070AB Damper Degree Timing Tape (Damper Not Included)



A.

B.

CAMSHAFTS, LIFTERS, AND HARDWARE

B. Camshafts

Mopar Performance Camshafts are designed and engineered exclusively for your engine. A wide range of profiles are available, from mild to wild. All camshafts are developed, dyno'd and track-tested by Mopar engineers for increased power and rpm potential while maintaining reliability and the best possible low-speed characteristics, including torque and idle quality. Mopar camshafts offer the best horsepower-to-dollar-spent value. Each package contains the camshaft, camshaft lube, instruction sheet, and tappets.

- ¹ P4529228AB Camshaft, Hydraulic, 4.0L Jeep Engines, up to 1998
- ¹ P5007551 Camshaft, Hydraulic, Roller, 109 Centerline, 5.2L/5.9L EFI Truck Magnum/Jeep Engines
- ¹ P5249549 Camshaft, Hydraulic, Roller, 5.2L/5.9L EFI Truck Magnum/Jeep Engines
- ¹ P4876348 Camshaft, Hydraulic, Roller, 5.2L/5.9L Truck Magnum/Jeep Engines

Note: For flat tappet camshafts, Mopar recommends the use of a high-zinc oil for maximum performance.



C.

D.

C. Offset Camshaft Key Set

For centerlining your camshaft, these hardened keys are color coded in 1°, 2°, 3°, 4° and 5° increments. Production key is used for zero offset.

- ¹ P5249600 Camshaft Keys, Offset, 3.7L/ 3.9L/ 4.7L/ 5.2L/ 5.9L Truck Magnum/Jeep Engines

D. Hydraulic Flat Tappets

- ¹ P4529220AB Tappet, Hydraulic, Small Block/ 2.5L/4.0L Jeep Engines, Sold Individually

E. Hydraulic Roller Tappets

Sold as sets of 16 or individually for service.

- ¹ P4876054 Tappets, Hydraulic, Roller, 5.2L/5.9L Truck Magnum/Jeep Engines, Sold Individually
- ¹ P5249862 Tappets, Hydraulic, Roller, 5.2L/5.9L Truck Magnum/Jeep Engines, Magnum Crate, Set of 16
- ¹ P4876055 Tappet Aligning Yoke, 5.2L/5.9L Dodge Truck Magnum/Jeep Engines, Sold Individually



E.

Mopar Performance Camshafts

Magnum 5.2L/5.9L Hydraulic Roller Camshafts

Part Number	Adv. Duration	@ .050"	O-Lap	Centerline	Lift	Recom. Spring	Applications/Comments
P5249549	260/264	204/206	55	109	0.458/0.467	P5249464	Magnum R/T Cam
P5007551	272/278	208/216	37	119	0.467/0.482	P5249464	+10 hp over R/T cam
P4876348	288/292	230/234	74	108	0.501/0.513	P5249464	Service 380 hp crate engine and Magnum short blocks

4.0L 6-Cylinder Hydraulic Camshafts

Part Number	Adv Duration	O-Lap	Center	Lift	Basic rpm	Recom.Spring	Applications/Comments
*P4529228AB	240/240	24	108	0.430/0.430	900-4700	P4529214	Mild. Comp
*P4529229AB	248/248	32	108	0.440/0.440	1100-4800	P4529214	Mild. Comp

Packages include camshaft, hydraulic roller lifters, assembly oil, and instruction sheet.

Engine Application Chart

Engine	Performance Level	Best Choice		4 x 4 Auto & Man	Street Rod Auto & Man
	Stock	Manual	Automatic		
4.0L Jeep I6	Stock				
	Phase I	P4529228	P4529228	P4529228	P4529228
	Phase II	P4529229	P4529229	P4529228	P4529229
	Phase III	P4529230	P4529229	P4529229	

CAMSHAFTS, LIFTERS, AND HARDWARE

A. Pushrods

Sold in complete engine sets (16 for V8 engines; 12 for six-cylinder engines).

- ¹ P4529675 Pushrod, Set of 12 (1987–89 4.0L Jeep Engines)
- ¹ P5249662 Pushrods, Hydraulic, Roller, 6.92", 5.2L/5.9L Magnum/Jeep Engines/ Magnum Crate, Set of 16



CYLINDER HEADS, GASKETS, AND HARDWARE

B. CNC-Ported Cylinder Heads, 5.7L/6.1L Hemi

Whether on the street or at the track, these bolt-on, CNC-Ported Cylinder Heads are equipped with the highest quality parts and technology available to deliver optimum performance. Capable of handling camshafts with valve lifts up to .600", they are designed to optimize flow while maintaining optimum port velocity.

Specifications:

- Brand-new, factory fresh castings (no core required)
- Five-axis CNC-ported
- Ovate wire, "beehive" competition valve springs
- One-piece stainless steel intake and exhaust valves
- Titanium, 7° valve spring retainers
- Machined, 7° round groove valve locks
- High-temperature Viton® valve seals
- Bronze alloy valve guides
- Hardened, custom valve seats
- Premium "five-angle" CNC-machined valve job

- P5153345 Cylinder Head, CNC-Ported, Bare, LH, 5.7L Hemi
- P5153346 Cylinder Head, CNC-Ported, Bare, RH, 5.7L Hemi
- P5153343 Cylinder Head, CNC-Ported, LH, 5.7L Hemi
- P5153344 Cylinder Head, CNC-Ported, RH, 5.7L Hemi
- P5153349 Cylinder Head, CNC-Ported, LH, 6.1L/392 Hemi
- P5153350 Cylinder Head, CNC-Ported, RH, 6.1L/392 Hemi

A.



B.

Questions? Call the Mopar Direct Connection Techline at 1-888-528-HEMI (4364)

¹ Not legal on pollution-controlled vehicles or vehicles registered for highway use.

CYLINDER HEADS, GASKETS, AND HARDWARE

A. Magnum Aluminum Cylinder Head

Mopar offers lightweight Magnum Aluminum Cylinder Heads for a variety of popular Dodge Truck and Jeep applications.

Features:

- Higher airflow and performance over the stock cast iron Magnum engine heads
- Ten-bolt production valve cover
- 11/32" valve stems
- Unique vertical style intake manifold attachment
- Machined for 2.02" Intake and 1.60" exhaust valves
- Designed with smaller 58 cc combustion chamber
- Uses production exhaust flange pattern
- No heat crossover
- Lighter weight than cast iron
- Intake runner is 176 cc

- ¹ **P5153847** Cylinder Head, Aluminum, 5.2 / 5.9L Magnum, with valves and springs. 58 cc Combustion Chamber, 2.020"/1.600" Valves. Requires the use Of 1.6:1 Roller Rocker Arms (P5153852), Pushrods (P5153848), and Taller Than Stock Valve Covers (P5007617 or P5007618)

Cylinder Head Gaskets (Not Shown)

- ¹ **P4529242** Gasket, Cylinder Head, 4.0L Jeep Engines, Sold Individually
- ¹ **P4876048** Gasket, Cylinder Head, Composition Material, 5.9L Truck Magnum/Jeep Engines, Set

B. "LA" Conversion Parts

Designed to allow the use of Magnum engine heads on pre-1991 Small Block engines/blocks. Requires the use of Magnum cylinder heads, hydraulic pushrods, Jeep® tappets (P4529220AB), and eight Magnum engine rocker arms (P4876050) to oil rocker arms through tappet and pushrod. Not for use with Cylinder Heads P5153847.

- ¹ **P5007477** Pushrod, Hydraulic, 7.625", Set of 16
- ¹ **P4876050** Rocker Arm Set, Single Cylinder, 5.2L/5.9L Magnum Engines and Magnum Crate Engines
- ¹ **P4529220AB** Tappet, Hydraulic, Small Block/ 2.5L/4.0L Jeep Engines, Sold Individually

C. Cylinder Head Bolt Set

Head Bolt Set includes all head bolts.

- P4876759** Bolt Set, Cylinder Head, Magnum, Small Block/ 5.2L/5.9L Truck Magnum/Jeep Engines



A.



B.



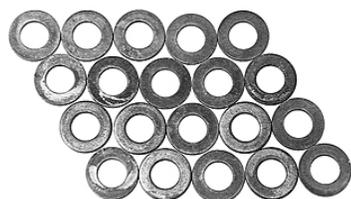
C.

CYLINDER HEADS, GASKETS, AND HARDWARE

A. Hardened Washer Sets

For use with cylinder head bolts and main bearing caps. Sold in sets of 20.

- P4120459 Washer, Hardened, 1/2", Small Block/ Truck Magnum/Jeep Engines, Set
- P4120456 Washer, Hardened, 3/8", Set



A.

B.

ROCKER ARMS, SHAFTS, SUPPORTS, AND HARDWARE

B. Roller Rocker Arm Sets - Complete Engine

These complete Roller Rocker Arm Sets for Magnum engines include 16 roller tip rocker arms, pivots, guides, and pushrods. Rockers are die-cast aluminum and are individually adjustable. Can be used as heavy-duty replacement with standard or high-performance hydraulic camshafts. May interfere with production Magnum engine valve covers. High-ratio rockers will increase valve lift - use matching valve spring, and check piston-to-valve clearance. Not for use with Cylinder Head P5153847.

- ¹ P5007404 Rocker Arm, Roller, 1.7:1 Ratio, 5.2L/5.9L Dodge Truck Magnum/Jeep Engines. Fits Production and R/T Heads.

C. Roller Rocker Arm Set

This single cylinder Roller Rocker Arm Set for Jeep vehicles includes two rockers, two support stands, rocker shaft, and screws. Extruded, anodized aluminum rockers. Can be used with hydraulic, mechanical or roller camshafts. Roller tip and center pivot bearing reduce internal friction. Provides exact geometry and 1.6:1 ratio. Adjustable, oil-through-pushrod-style. 2.5L and 4.0L engines require aftermarket spacer for valve cover clearance.

- ¹ P4529885 Rocker Arm, Roller, 1.6:1 Ratio, Single Cylinder, 2.5L/ 4.0L/ 4.2L Jeep Engines

D. Rocker Arm Set - Production Replacement

Consists of two rocker arms, two pivots, two attaching bolts and one guide. Designed for use with hydraulic camshafts only. Production 1.6:1 design ratio. Does not fit P5153847 head.

- ¹ P4876050 Rocker Arm Set, Single Cylinder, 5.2L/5.9L Magnum Engines and Magnum Crate Engines

E. Rocker Arm, Heavy-Duty

Heavy-duty stamped rocker for use with hydraulic camshafts only. Can be used to service stock Jeep® engines. Sold individually.

- ¹ P4529221 Rocker Arm, Roller, 2.5L/4.0L Jeep Engines



C.

D.



E.

JEEP/TRUCK

ROCKER ARMS, SHAFTS, SUPPORTS, AND HARDWARE

A. Rocker Arm Pivot Package

Larger 3/8" diameter (stock 5/16"). Requires attaching hole enlargement on cast iron heads. Set of 16. Requires guide plate to be drilled with 3/8" hole. Does not fit P5153847 head.

¹ P4876514 Rocker Arm Pivot Package, 3/8", 3.9L/ 5.2L/ 5.9L
Magnum Engines

B. Rocker Arm Hardware

Required with aluminum Magnum cylinder heads and aluminum roller rocker arms. Does not fit P5153847 head.

P4876963 Bolt Kit, 3/8", Truck Magnum

P5007645 Stud Kit, Rocker, Roller, 3/8" Coarse Thread,
5.2L/5.9L Truck Magnum/Jeep Engines

Aluminum Rocker Arms (Not Shown)

¹ P5153852 Rocker Arms, Aluminum, Roller, Includes Locks, 3/8"
Stud, 1.6:1 Ratio, For Use Only With/Required For
Cylinder Head P5153847. Use Pushrod Set
P5153848.

VALVE COVERS AND HARDWARE

C. Valve Covers, 5.7L Hemi

These 5.7L Hemi Valve Covers feature a Permastar™ chrome finish. A perfect way to dress up any factory 5.7L Hemi engine.

They will not discolor under heat. Set includes two valve covers, valve cover gaskets and spark plug seals.

P4510845 Valve Covers, Permastar Chrome, Up to 2005, 5.7L
Hemi Crate Engine, Production 5.7L Engines

D. Polished Cast Aluminum Valve Cover Set

Polished Cast Aluminum Valve Cover Sets are more rigid than stamped steel for better anti-leak properties. Features Magnum logo. Each set includes all grommets and a quarter-turn oil filler cap. Gaskets must be ordered separately.

P5007618 Valve Cover, Cast Aluminum, Polished, 5.2L/5.9L
Truck Magnum Engines, Set

P5249660 Gasket, Valve Cover, 10-Bolt Mold Rubber Steel
Shim, 5.2L/5.9L Truck Magnum Engines, Set of 2



A.



B.



C.



D.

VALVE COVERS AND HARDWARE

A. Black Wrinkle Cast Aluminum Valve Covers

Bold looking Black Wrinkle Cast Aluminum Valve Cover Sets for Mopar Magnum trucks and Jeep vehicles. Magnum valve covers feature the Mopar Pentastar Magnum logo, while the Jeep valve cover features the Jeep logo. Sets include attaching screws, grommets, baffle and oil filler cap. Gaskets must be purchased separately.

- ¹ P5007617 Valve Cover, Black Wrinkle, 5.2L/5.9L Truck Magnum Engines, 1993 and Up, Set
- ¹ P5007619 Valve Cover, Black Wrinkle, 1993-98 5.2L/5.9L Jeep Engines, Set
- ¹ P4876388 Valve Cover, Black Wrinkle, 1981-86 4.2L Jeep Engines
- ¹ P5007854 Gasket, Valve Cover, 4.2L Jeep Engines



A.

B. Cast Aluminum Valve Cover Chrome Bolt Set

For cast aluminum valve covers only. Includes 20 bolts.

- P5007620 Bolt Set, Cast Aluminum Valve Cover, Small Block/ 5.2L/5.9L Truck Magnum/Jeep Engines



B.

Cast Aluminum Valve Cover Grommet Set (Not Shown)

Grommets to service black, polished, or "as-cast" Mopar Cast Aluminum Valve Covers (except Hemi). Set includes one grommet for PCV and one that can be used for plug or opened for breather.

- ¹ P5249642 Grommet, Cast Aluminum Valve Cover, 5.2L/5.9L Truck Magnum/Jeep Engines, Set

C. Chrome Breather Caps

Used to fill extra valve cover holes in Mopar Cast Aluminum Valve Covers. Push-in style breather cap requires use of Cast Aluminum Valve Cover Grommet Set (P5249642).

- ¹ P4529881 Breather Cap, Push-In Style
- ¹ P4529880 Breather Cap, Twist-On, Bottom Vented
- ¹ P4529882 Grommet, Rubber, Use with Breather Cap P4529881



C. P4529880

D. Baffle and Screw Package

For cast aluminum valve covers only.

- P5007052 Baffle and Screw Package, Big Block/ Small Block/ Truck Magnum/Jeep Engines



D.

Questions? Call the Mopar Direct Connection Techline at 1-888-528-HEMI (4364)

¹ Not legal on pollution-controlled vehicles or vehicles registered for highway use.

VALVES AND VALVE TRAIN HARDWARE

A. Valve Stem Lash Caps

These Valve Stem Lash Caps are 0.080" thick and fit between the end of the valve and the rocker arm tip. Made of hardened steel for improved rocker tip durability. Larger area than stock valve tip to help spread the rocker loads. Sold in sets of 16.

- ¹ P4120626 Lash Caps, Valve Stem, 3/8" Stem, A/B/RB Engines
- ¹ P4120635 Lash Caps, Valve Stem, 5/16" Stem, 426 Hemi/ Big Block/ Small Block/ Truck Magnum/Jeep Engines



B. Valve Spring Retainers

Restore worn or damaged valve train components to factory specifications with these durable Valve Spring Retainers. Use with 7° locks. Features an 8 mm valve stem diameter.

- P4452032 Retainer, Valve Spring, Chrome Moly, 2.2L/2.5L SOHC and 5.2L/5.9L Magnum Engines
- P4529616 Retainer, Valve Spring, Jeep V-8
- P4529217 Retainer, Valve Spring, Steel, use with Conical Springs P4529215, 2.5L/4.0L Jeep Engines
- P4529216 Retainer, Valve Spring, Steel, use with Cylindrical Springs P4529214, 2.5L/4.0L Jeep Engines

A.



B.

C. Valves

These stainless steel Valves have swirl-polished underheads that have no flat or ski jump areas. They feature an 8 mm stem and one square groove. Does not fit P5153847 head.

- ¹ P5249880 Valve, Exhaust, 1.56" Diameter, 4.93" Stem Length, 2.5L/4.0L Jeep Engines
- ¹ P5249876 Valve, Exhaust, 1.625" Diameter, 4.93" Stem Length, 3.9L/ 5.2L/ 5.9L Magnum/Jeep Engines
- ¹ P5249878 Valve, Intake, 2.02" Diameter, 4.91" Stem Length, 3.9L, 5.2L, 5.9L Truck Magnum/Jeep Engines
- ¹ P5249875 Valve, Intake, 1.92" Diameter., 4.91" Stem, 3.9L/5.2L/5.9L Magnum/Jeep Engines
- ¹ P5249877 Valve, Intake, 1.97" Diameter., 4.91" Stem, 3.9L/5.2L/5.9L Magnum/Jeep Engines



C.

VALVES AND VALVE TRAIN HARDWARE

A. Valve Springs

High-pressure Valve Springs can be used on exhaust and intake valves for all high-performance applications. They feature a shorter fully-compressed height and allow for increased valve lift. Springs maintain spring load at higher rpms. A must for high-performance camshafts. With a single spring, the damper is installed inside the main spring; with a dual spring, the damper is installed between the inner and outer springs. There are no dampers in the triple springs. The retainers listed are the basic recommendation. Check the actual retainer listing for other options such as added installed height, materials and lock size. Sold individually.

- ¹ **P5249464** Valve Spring, 3.9L, 5.2L, 5.9L Dodge Truck Magnum/Jeep Engines
- ¹ **P4876062** Valve Spring, 5.2L/5.9L Truck Magnum/ Jeep Engines
- ¹ **P4529215** Valve Spring, Conical, 1988-02 2.5L/4.0L Jeep Engines
- ¹ **P4529214** Valve Spring, Cylindrical, 1981-87 2.5L/4.0L Jeep Engines
- P4876063** Valve Spring, Single with Damper, HP Jeep V-8



A.

B. Valve Seals

Made of high-temperature Viton material, these Valve Seals feature a full, or semi-umbrella, shape for best dual-purpose use. Helps prevent oil seepage down the valve guides. Not recommended for use with dual valve springs. Sold in sets of 16.

- ¹ **P5249661** Valve Seals, 5/16" Stem, 0.530" Guide, 426 Hemi and 5.2L/5.9L Magnum/Jeep Engines
- ¹ **P4529240** Valve Seals, 8 mm Stem, 4.0L Jeep Engines



B.

C. Valve Keepers

These single-groove-style Valve Keepers are made from hardened steel. Each features an 8° angle and an 8 mm stem diameter single groove. Used with P452916 and P452917 retainers. They can be used for restoration or performance applications. Sold in cylinder head sets of 16 (note that two sets are required for all six-cylinder and V8 engines). Does not fit P5153847 head.

- P4529218** Valve Keepers, For Retainers P4529216-17, 2.5, 4.0L, 5.2L, 5.9L Truck Magnum/Jeep Engines



C.

Part Number	Engine	Installed Height	Description	Wire			Material	Retainer
				O.D.	Diameter	Lift Range		
P4529214	2.5L/4.0L	1.64"	Cylindrical	1.31"	0.177"	0.350"/0.430"	Production	P4529216
P4529215	2.5L/4.0L	1.64"	Conical	Prod.	—	0.350"/0.430"	Production	P4529217
P5249464	5.2/5.9	1.64	Single/Damper	1.42"	0.187"	0.400"/0.525"	Chrome Silicon	P4452032
P4876062	5.2/5.9	1.64	Single/Damper	1.42"	0.187"	0.480"/0.600"	Chrome Silicon	P4452032

¹ All valve springs are sold individually.
² Retainers — the ones listed are the basic recommendation. Check the actual retainer listing for other options-added installed height, materials, lock size.

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INTAKE MANIFOLDS, HARDWARE, AND GASKETS

A. Aluminum Single Plane Intakes - Four-Barrel

This Aluminum Single Plane Intake Manifold permits the user to convert from electronic fuel injection to carbureted. Power range is 1,500-6,000 rpm. Single plane manifolds may cause hood clearance problems. Check clearance with carburetor and air cleaner installed.

- ¹ P5007380 Intake Manifold, Aluminum, Single Plane, Four-barrel Carburetor, 5.2L/5.9L Truck Magnum/Jeep Engines, Magnum Crate Engines

B. Aluminum Single Plane Intakes - MPI

Can be used as a direct replacement for production engines. Allows use of air conditioning and all factory accessories. Designed to use production throttle body, injectors, fuel rail and other hardware from your stock intake. Available in EGR and non-EGR. Replacement for stock.

- ¹ P5007790 Intake Manifold, Aluminum, Single Plane, Two- or Four-barrel EFI, Right Linkage, 5.2L/5.9L Truck Magnum/Jeep Engines, Requires Modifications
- ¹ P5007398AB Intake Manifold, Aluminum, Single Plane, Two-barrel EFI with EGR, 1992-97 5.2L/5.9L Truck Magnum/Jeep Engines, Requires Installation Kit P5007638
- P5007852 Intake Manifold, Aluminum, Single Plane, Two-barrel EFI without EGR, 1998-2003 5.2L/5.9L Truck Magnum/Jeep Engines, Requires Installation Kit P5007638
- ¹ P5007638 Installation Kit, Intake Manifold, Two-barrel Intake Only, 5.2L/5.9L Truck Magnum/Jeep Engines

C. Aluminum Dual Plane Intakes - Four-Barrel

This Aluminum Dual Plane Intake Manifold permits you to convert from electronic fuel injection to carbureted. Power range is idle to 5,500 rpm. Perfect for engine swaps!

- ¹ P5007381 Intake Manifold, Aluminum, Dual Plane, Four-barrel Carburetor, 5.2L/5.9L Truck Magnum/Jeep Engines

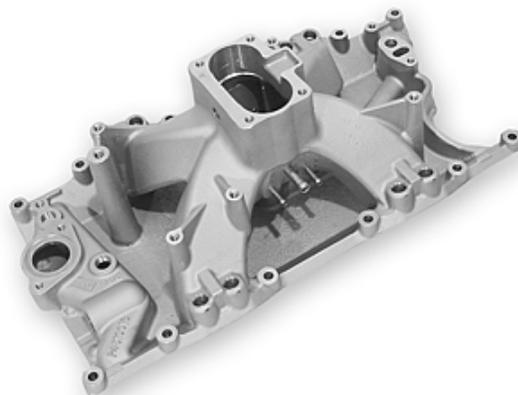
D. Intake Manifold Attaching Package

Package of factory original nuts and bolts to attach intake manifold and exhaust manifolds. Includes five bolts, seven washers, four studs, two pins, two spacers and three plugs.

- P4529680 Hardware Package, Intake Manifold, 1987-89 4.0L Jeep Engines



A.



B.



C.



D.

INTAKE MANIFOLDS, HARDWARE, AND GASKETS

A. Intake Manifold Attaching Bolts

A complete package of bolts required to attach the intake manifold to the cylinder heads. Set of 12.

P4876772 Bolt Package, Intake Manifold, 5.2L/5.9L Truck Magnum/Jeep Engines



A.

B. Intake/Exhaust Gaskets

Jeep six-cylinder engines use a common intake/exhaust manifold gasket design. This gasket is designed for direct replacement (includes engine set).

P4529243 Gasket, Intake/Exhaust Manifold, 4.0L Jeep Engines



B.

C. Throttle Body Adapter

You can save time and money by using this Mopar Throttle Body Adapter. Although it will require minor fabrication, this adapter will allow you to use a stock Magnum engine throttle body on a four-barrel carburetor intake.

¹ **P5007865** Throttle Body Adapter, 5.2L/5.9L Dodge Truck Magnum/Jeep Engines



C.

D. MPI Conversion Kits and Service Parts

Designed to make your 1981-90 Jeep® vehicle more efficient and powerful. The kit replaces the stock carburetor, intake manifold and other major components with multi-point injection (MPI). Each cylinder has its own injector that is activated sequentially according to the firing order to precisely control individual fuel requirements. These MPI Conversion Kits are self-compensating and run equally well from sea level to terrain above 12,000 feet. Mechanical components are based on production 1995 Jeep vehicle parts.

¹ **P5249686AE** EFI Conversion Kit, Automatic Transmission, Emissions Exempt D-265-21**, 1981-90 4.2L Jeep Engines

¹ **P5249610AE** EFI Conversion Kit, Manual Transmission, Emissions Exempt D-265-21**, 1981-90 4.2L Jeep Engines

¹ **P5007146** Engine Controller, Automatic Transmission, 1981-90 4.2L Jeep Engines

¹ **P5007147** Engine Controller, Manual Transmission, 1981-90 4.2L Jeep Engines

¹ **P5007150** Fuel Pump, Auto/Manual Transmission, 1981-90 4.2L Jeep Engines

¹ **P5007148AB** Wiring Harness, 1981-90 4.2L Jeep Engines

¹ **P5007046** Crank Sensor Bracket, 4.2L Jeep Engines



D.

Questions? Call the Mopar Direct Connection Techline at 1-888-528-HEMI (4364)

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JEEP/TRUCK

INTAKE MANIFOLDS, HARDWARE, AND GASKETS

A. MPI Conversion Kit Vibration Dampers

For use with Jeep® 4.2L MPI fuel injection conversion kits.

- P5249688 Vibration Damper, Serpentine Belt, 1981-90 4.2L Jeep Engines
- P5249687 Vibration Damper, V Belt, 1981-90 4.2L Jeep Engines

AIR SYSTEMS

B. Cast Air Cleaner Systems

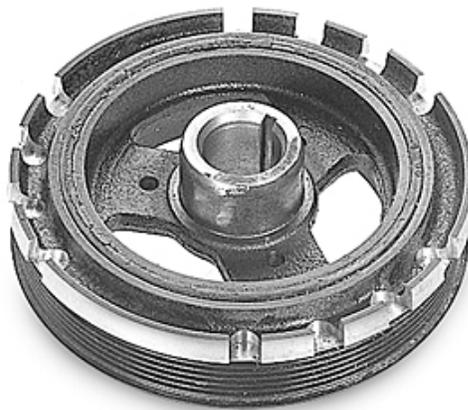
Cast aluminum lid is painted black, with Mopar Pentastar or Jeep logo to match the style of the Black Wrinkle Cast Aluminum Valve Covers. Includes 12-3/4" element.

- ¹ P5249807 Air Cleaner, Cast, Hemi/ Big Block/ Small Block/ 5.2L/5.9L Magnum/Jeep Engines
- ¹ P5007067 Air Cleaner, Cast, Jeep Vehicles

C. Cold Air Intake Systems - Jeep

Heat up your engine with a steady flow of cold air! These bolt-on systems are designed to allow cooler outside air through a directional cone filter, directly into the intake manifold. They provide noticeable horsepower and torque gains under varying atmospheric conditions. Kits include all mounting hardware and a washable/reusable filter. Do not oil dry filters. CARB-approved E.O.#D-265-22.

- 77060012AB Cold Air Intake System, 2007-09 Caliber/Compass/Patriot, 1.8L/2.0L/2.4L, Non-Turbo
- 77060007AB Cold Air Intake System, Dry Filter, 2004-06 Wrangler, 4.0L
- 77060013AB Cold Air Intake System, Dry Filter, 2005-06 Liberty, 3.7L
- 77060010AB Cold Air Intake System, Dry Filter, 2005-09 Grand Cherokee/Comander, 5.7L
- 77060011AB Cold Air Intake System, Dry Filter, 2006-09 Grand Cherokee, 6.1L
- 77060081 Cold Air Intake System, Dry Filter, 2007-09 Wrangler, 3.8L
- ¹ P5007830 Cold Air Intake System, Oiled Filter, 1991-01 4.0L Cherokee
- P5153368 Cold Air Intake System, Oiled Filter, 1997-03 Wrangler, 4.0L
- ¹ P5007828 Cold Air Intake System, Oiled Filter, 2002-03 3.7L Liberty



A.



B. P5007067



B. P5249807



C. 77060012

AIR SYSTEMS

A. Cold Air Intake Systems - Truck

Heat up your engine with a steady flow of cold air! These bolt-on systems are designed to allow cooler outside air through a directional cone filter, directly into the intake manifold. They provide noticeable horsepower and torque gains under varying atmospheric conditions. Kits include all mounting hardware and a washable/reusable dry media filter. Do not oil.



A. 77060020AB



A.



A. 77070004



B.

- 77060008AB** Cold Air Intake System, Dry Filter, 1998-00 Dakota 5.2L, 1998-02 Dakota 5.9L
- 77060020AB** Cold Air Intake System, Dry Filter, 2002-03 Ram, 4.7L
- 77060005AB** Cold Air Intake System, Dry Filter, 2003-05 5.7L Ram 1500
- 77060009AB** Cold Air Intake System, Dry Filter, 2004-06 5.7L Durango
- 77070006** Cold Air Intake System, Dry Filter, 2006-08 Ram, 5.7L
- 77070004** Cold Air Intake System, Dry Filter, 2007-09 Durango/Aspen, 5.7L

B. Air Filters - Cold Air Replacement

This filter offers high flow and low restriction, better throttle response, and increased filtration and horsepower. Filters are made of a Dry Media material and are washable and reusable. Do Not Oil.

- 77070012** Air Filter, Cold Air Intake Replacement, Dry Media, Used to Service Kits 77060005, 77060009, 77070004, 77070006
- 77070013** Air Filter, Cold Air Intake Replacement, Dry Media, Used to Service Kits 77060007, 77060013, 77060021, 77060080
- 77070014** Air Filter, Cold Air Intake Replacement, Dry Media, Used to Service Kits 77060008, 77060020
- 77070018** Air Filter, Cold Air Intake Replacement, Dry Media, Used to Service Kits 77060081, 77070002
- 77070017** Air Filter, Cold Air Intake Replacement, Dry Media, Used to service P4510921AB
- 77070015** Air Filter, Cold Air Intake Replacement, Used to Service Kit 77060012
- 77070010** Air Filter, Cold Air Intake Replacement, Used to Service Kits 77060003AB, 77060006AB, 77060010, 77060011, 77070008

JEEP/TRUCK

AIR SYSTEMS

A. Air Filters - O.E. Replacement

Constructed with factory tight seals, engineering-level polyurethane, deep four-ply pleats of oiled cotton gauze and two layers of aluminum screen. This filter offers high flow and low restriction, better throttle response, and increased filtration and horsepower. Filters are washable and reusable and come pre-oiled.

- ¹ P4510474 Air Filter, High Flow, O. E. Replacement, 1991-01 4.0L Cherokee
- ¹ P4510469 Air Filter, High Flow, O. E. Replacement, 1994-01 5.2L/5.9L Ram
- ¹ P4510473 Air Filter, High Flow, O. E. Replacement, 1997-03 4.0L Wrangler
- ¹ P4510467 Air Filter, High Flow, O. E. Replacement, 1997-99 5.2L/5.9L Dakota/Durango
- ¹ P4510466 Air Filter, High Flow, O. E. Replacement, 1999-03 4.7L Dakota/Durango
- ¹ P4510475 Air Filter, High Flow, O. E. Replacement, 1999-04 4.7L Grand Cherokee
- ¹ P4510468 Air Filter, High Flow, O. E. Replacement, 2000-03 5.9L Dakota/Durango
- ¹ P4510472 Air Filter, High Flow, O. E. Replacement, 2005-09 6.1L Magnum/300/Charger/Challenger, 2002-03 3.7L Liberty
- ¹ P5153573 Air Filter, High Flow, O. E. Replacement, 2007-09 Compass/Patriot/Caliber
- ¹ P5155085 Air Filter, High Flow, O. E. Replacement, 2007-09 Wrangler 3.8L, 2002-07 Liberty 3.7L

B. Air Filter Service Kit

Services all of Mopar's washable/oilable filters for both the Mopar cold air induction systems and Mopar Performance O.E. Replacement Air Filters.

- ¹ P5153376 Air Filter Service Kit, For "Oiled" Air Filters

C. Ram Air Package

Creates a ram air effect at speeds of 40+ mph. Integrates seamlessly to the underside of an SRT10 Ram Air Hood to route cool outside air into the included Performance Cold Air Intake System. Constructed from lightweight material and installs directly with minor modifications. CARB EO#D-265-23.

- ¹ P4510921AB Ram Air Induction System, 2004-05 Ram SRT10

D. Ram Air Duct

This duct routes all the cool air your Ram can pull in through the SRT Ram Hood (82208702) over to the Cold Air Intake System (77060005) for maximum performance gains.

- ¹ P5153307 Ram Air Duct, 2003-08 Ram 5.7L



A.



B.



C.



D.

EXHAUST SYSTEMS

A. Exhaust Headers

Bolt on a set of Mopar Exhaust Headers and feel the power. Manufactured from heavy 14-gauge tubing with 3/8" thick flanges. True mandrel bends and triple nickel-chrome finish make these headers the most durable on the market. Each header is engineered to achieve maximum flow through minimum back pressure, resulting in increased horsepower and torque. Kits include all necessary installation hardware. No welding required.

- ¹ P4510873 Header, 2003-05 Ram 1500, 5.7L, Automatic Transmission, 4 Wheel Drive
- ¹ P4510280 Header, 2003-05 Ram, 5.7L, Automatic Transmission, 2 Wheel Drive
- ¹ P5153566 Header, 2007-09 Compass/Patriot/Caliber, FWD, Non-Turbo

Note: For P4510280, Mopar Y-Pipe Package (P4510829) must be used on 2004 models. It is recommended that Y-Pipe Package (P4510364) be used with 2003 models.

B. Exhaust Header Y-Pipe Packages

These high-flow, low-restriction Y-pipe Exhaust Header Packages will boost horsepower and torque by 10%. They feature T304 stainless steel construction and include dual high-flow catalytic converters, as well as dual 2.5" into "two-into-one" Y-connections and 0.065" thick walls. Packages use all factory sensors and require no welding for a direct, bolt-on fit. Kit includes all hardware, flanges and stainless steel band clamps necessary for installation.

- ¹ P4510364 Exhaust Y-Pipe, 2003 5.7L Hemi Ram, 1500, 2WD, Automatic Transmission
- ¹ P4510872 Exhaust Y-Pipe, 2003 5.7L Hemi Ram, 1500, 4WD, Automatic Transmission
- ¹ P4510829 Exhaust Y-Pipe, 2004-05 5.7L Hemi Ram 1500, 2WD, Automatic Transmission

C. Exhaust Headers- Ram SRT10

Headers with Mid-Pipes, Race, Fits Standard and Extended Cab. Eliminates catalyts. Recommend engine control modules: 2004 - P4510918, 2005-P5153335, 2006-P5153591. Manual and Automatic Transmission, 2004-06 Ram SRT10.

- ¹ P5153168 Headers, 2004-06, Ram SRT10



A. P4510280



A. P5153566



B.



C.

Questions? Call the Mopar Direct Connection Techline at 1-888-528-HEMI (4364)

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EXHAUST SYSTEMS

A. Cat-Back Exhaust Systems - Jeep

These Cat-back Exhaust Systems feature T304 stainless steel construction (aircraft quality) with mandrel-bent tubing, stainless band Torca clamps, muffler, and polished tips. These free-flow systems provide a horsepower and torque gain, improved fuel economy and a deeper tone.

- P5155114 Cat Back Exhaust System, Single Exit With Square Tip, 2007-09 Compass/Patriot, AWD, 2.0L/2.4L
- P5155113 Cat Back Exhaust System, Single Exit With Square Tip, 2007-09 Compass/Patriot, FWD, 2.0L/2.4L
- P5153858 Cat Back Exhaust System, Single Outlet, Wrangler 3.8L, 2-Door
- P5007792 Cat-Back Exhaust System, Dual Rear Exit, 2002-05 Liberty 3.7L
- P5155035 Cat-Back Exhaust System, Dual Rear Exit, Square Tips, 2.5" Pipe, 2009 3.7L Liberty
- P4510858 Cat-Back Exhaust System, Rear Exit, 2.25" Pipe, 2004 Grand Cherokee 4.0L, 4.7L, Two- or Four-Wheel Drive
- P5153589 Cat-Back Exhaust System, Rear Exit, 2.5" Pipe, 2005 - 08 Commander, 5.7L, 2/4 Wheel Drive
- P5153364 Cat-Back Exhaust System, Rear Exit, 2.5" Pipe, 2005-08 Grand Cherokee, 5.7L, 2/4 Wheel Drive
- P4510857 Cat-Back Exhaust System, Rear Exit, 2004-06 Wrangler, 4.0L



A.

EXHAUST SYSTEMS

A. Cat-Back Exhaust Systems - Truck

These bolt-on systems feature heavy-wall 304 Stainless Steel tubing with true mandrel bends, allowing for maximum flow and minimum back pressure. Low restriction, aluminized case, and a flow-through muffler with a 3.0" core produce a deep mellow exhaust note. Includes straight through flow muffler.



A.



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- P5155280 Cat Back Exhaust System, Dual Rear Exit, 5" Rectangular Chrome Tips, 2009 Ram 5.7L (With Bumper Cut-Outs), 6'8" Bed, 4WD
- P5155111 Cat Back Exhaust System, Single Rear Exit With Dual Square Tips, 2.5" Pipe, 2007-2009 Nitro, 3.7L
- P5153639 Cat-Back Exhaust System, Rear Exit, 2.5" Pipe, 2006 Ram 1500 SRT 10, 8.3L, Regular/Crew Cab, Short Bed
- P5007851 Cat-Back Exhaust System, 45 Degree Passenger and Driver Exit, 2.5 pipe, 2002-05 Ram Regular/Extended/Crew Cab, Short Bed, 2/4 Wheel Drive
- P4510464 Cat-Back Exhaust System, 45 Degree Passenger and Driver Exit, 2.5" Pipe, 2003-05 1500 Hemi Ram, Regular/Extended/Crew Cab, Short Bed, 2 Wheel Drive
- P4510465 Cat-Back Exhaust System, 45 Degree Passenger and Driver Exit, 2.5" Pipe, 2003-05 Ram 2500, 5.7L, Regular/Extended/Crew Cab, Short Bed, 2/4 Wheel Drive
- P4510648 Cat-Back Exhaust System, 45 Degree Passenger and Driver exit, 2.50" pipe, 2003 - 05 Ram 1500 Hemi 5.7L, Regular/Crew Cab, Short Bed, 2/4 Wheel Drive.
- P5153641 Cat-Back Exhaust System, 45 Degree Passenger Exit in Front of Rear Wheels, 2.5" Pipe, 2006-08 Ram 1500, 5.7L, Crew Cab, Short Bed, 2/4 Wheel Drive
- P5153640 Cat-Back Exhaust System, 45 Degree Passenger Exit in Front of Rear Wheels, 2.5" Pipe, 2006-08 Ram 1500, 5.7L, Regular Cab, Short Bed, 2/4 Wheel Drive
- P5153365 Cat-Back Exhaust System, 45 Degree Passenger Side Exit, 2.50" Pipe, 2005-08 Dakota 4.7L, 2/4 Wheel Drive
- P5153696 Cat-Back Exhaust System, 90 Degree Passenger and Driver Exit, 2.5" Pipe, 2006-08 Ram 1500, 5.7L, Crew Cab, Short Bed, 2/4 Wheel Drive
- P5153695 Cat-Back Exhaust System, 90 Degree Passenger and Driver Exit, 2.5" Pipe, 2006-08 Ram 1500, 5.7L, Regular Cab, Short Bed, 2/4 Wheel Drive
- P5153674 Cat-Back Exhaust System, Rear Exit, 2.25" Pipe, 2006- 2008 Ram 1500, 5.7L, Regular Cab Short Bed, 2/4 Wheel Drive
- P5153473 Cat-Back Exhaust System, Rear Exit, 2.25" Pipe, 2006 -08 Ram 1500, 5.7L, Crew Cab, Short Bed, 2/4 Wheel Drive
- P4510856 Cat-Back Exhaust System, Rear Exit, 2003-05 Ram SRT10, 8.3L, Regular Cab, Short Bed
- P4510607 Cat-Back Exhaust System, Rear Exit, 3.0" Pipe, 2004-2008 Durango, 4.7/5.7L, 2/4 Wheel Drive
- P5155110 Cat-Back Exhaust System, Single Rear Exit With Dual Square Tips, 2.5" Pipe, 2007-2009 Nitro, 4.0L, V6

EXHAUST SYSTEMS

A. Cat-Back Exhaust Systems- Jeep SRT8

Cat-back exhaust systems feature RSC no-drone technology, with 2.75" 304L stainless steel mandrel bent tubing, stainless (Torca) clamps and polished 4" Pro-Series tips. The patented Power-Pulse RSC™ muffler design delivers the throaty exhaust tones that define your Hemi-Powered ride on the open road.

P5153453 Cat-Back Exhaust System, Dual Center Rear Exit, 2006-2009 Grand Cherokee SRT8, 6.1L



OILING COMPONENTS

B. Oil Pump-High Volume

When the going gets tough, you'll want to be sure and supply as much oil to your engine as possible. This high-volume Oil Pump will do the job and take the most severe punishment. P4529241 requires pan rework for 4.0L applications.

P4529241 Oil Pump, 4.0L/4.2L Jeep Vehicles

A.

B.

C. Oil Pump-Heavy Duty

P4529227 Oil Pump, Heavy Duty, 4.0L Jeep, 1962 and Up

Oil Pump - Performance (Not Shown)

This high-performance, high-output Oil Pump assembly provides a 25% increase in oil volume. Ideal replacement for stock pump in high performance applications.

P4286740 Oil Pump, 225 Slant 6



C.

D.

D. Oil Pump Priming Shaft

Don't fire up that engine without pre-lubing (priming) it thoroughly with oil. Special hardened steel shaft fits on any 3/8" or larger drill. Insert shaft into hole where distributor fits. Pressurizes oil galleries to ensure against dry starts and premature engine wear. Fits all V8 engines.

P4286800 Shaft, Oil Pump Priming



E. Oil Pan Gasket

P5249932 Gasket, Oil Pan, 5.9L Dodge Truck Magnum/Jeep Engines



E.

FUEL SYSTEMS/INJECTION COMPONENTS

A. 360 Magnum Crate Engine Fuel Injection Kit

Mopar now has fuel injection kits available for 380/390/395 horsepower-rated 360 cid Magnum crate engines with automatic or manual transmissions.

- ¹ P5153590 Fuel Injection Kit, Automatic Transmission, 380/390/395 hp 360 Magnum Crate Engine
- ¹ P5153731 Fuel Injection Kit, Manual Transmission, 380/390/395 hp 360 Magnum Crate Engine

IMPORTANT NOTICE: This device is not legal for use on pollution-controlled vehicles certified for use on streets or highways. Once this device is installed, use of the vehicle on a street or highway is a violation of the Clean Air Act, potentially subjecting the operator and the installer to civil penalties of up to \$32,500 per vehicle depending on the circumstances.

360 Magnum Wire Harness (Not Shown)

- ¹ P5153687 Wiring Harness, Service part for 360 Fuel Injection Kits

B. 360 Magnum Electric Fuel Pump

- ¹ P5153688 Fuel Pump, Electric, Service part for 360 Fuel Injection Kits

C. 360 Magnum Throttle Body

- ¹ P5153702 Throttle Body, Service part for 360 Fuel Injection Kits

Note: Pinout is different from Delphi IAC and Mopar IAC.

D. Accelerator Return Spring Bracket

Designed for Magnum crate engines with four-barrel carburetor intake manifolds. Developed to hold accelerator pedal return spring in proper relationship to the carburetor.

- ¹ P4876313 Bracket, Accelerator Return Spring, 4-bbl, 300/380/395/435/Magnum Crate Engines

E. Cable Mounting Bracket

Designed to hold the stock throttle cable to a Mopar Magnum intake manifold. It will also hold the throttle cable in proper relationship to the carburetor. Hardware included.

- ¹ P4876850 Mounting Bracket, Cable, Magnum 300/ 380/ 395/ 435 Crate Engines with Carburetor



A.



B.



C.



D.



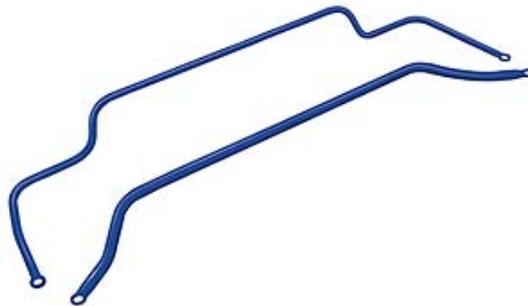
E.

SUSPENSION UPGRADES AND COMPONENTS

A. Anti-Sway Bar Kit

Jeep Commander Anti-Sway Bar Kit includes both front and rear bars and bushing sets. Bars are made of a high-quality material that ensures durability and are powder-coated to protect them from the elements. Bars reduce body roll and help to keep the tires firmly planted on the ground. Dimensions: Front 35 mm, Rear 22 mm.

¹ P5153727 Anti-Sway Bar, 2006-08, Jeep Commander, 5.7L



A.

B. Lowering Springs

Lowering kit includes all four springs, made of high-tensile material, to increase spring performance without bind. These springs provide a .75" front drop and a 1.5" drop in the rear, to lower and even out your ride.

P5153728 Lowering Springs, 2006-08, Jeep Commander, 5.7L



B.

C. Strut Tower Brace

Made of heavy gauge, powder coated steel, this MIG-welded Mopar Strut Tower Brace reduces body flex in the front end, improving handling and drivability. Easy bolt-on installation.

¹ P5153565 Strut Tower Brace, 2007-09 Compass/Patriot/Caliber, Non-Turbo

New! Lift Kits (Not Shown)

All Mopar Performance lift kits are comprehensive and include everything needed to package larger tires. They are engineered to fit and function with all vehicle systems including Electronic Stability Program (ESP) and provide excellent on-road ride and handling as well as increased off-road performance.

¹ P5155207 Lift Kit, 2" Lift, 2007-09 Wrangler, Four-Door

¹ P5155211 Lift Kit, 2" Lift, 2009 Ram, Crew Cab, Four-Wheel Drive

¹ P5155075 Lift Kit, 4.5" Lift, Long Arm, 2007-09 Wrangler, Four-Door

D. Lowering Kit

P5155066 Lowering Kit, Includes Springs, Shocks and Axle Flip Kit, 2006-2008 Ram, 2WD, SWB, Front: 1.50", Rear: 4.30"



C.



D.

SUSPENSION UPGRADES AND COMPONENTS

Lift Kit Service Parts (Not Shown)

- ¹ P5155119 Prop Shaft, Front, 2007-09 Wrangler, 4-Door, 4.5" Lift Kit Service Part
- ¹ P5155120 Prop Shaft, Rear, 2007-09 Wrangler, 2-Door, 4.5" Lift Kit Service Part
- ¹ P5155118 Prop Shaft, Rear, 2007-09 Wrangler, 4.5" Lift Kit Service Part
- ¹ P5155116 Shock, Front, 2007-09 Wrangler, 4.5" Lift Kit Service Part
- ¹ P5155117 Shock, Rear, 2007-09 Wrangler, 4.5" Lift Kit Service Part

T-Shirts, Hustle Stuff (Not Shown)

- P5153968 T-Shirt, Hustle Stuff, Black, S
- P5153969 T-Shirt, Hustle Stuff, Black, M
- P5153970 T-Shirt, Hustle Stuff, Black, L
- P5153971 T-Shirt, Hustle Stuff, Black, XL
- P5153972 T-Shirt, Hustle Stuff, Black, XX



A.

IGNITION AND ELECTRONICS

A. Engine Controllers- Jeep

Direct replacement for the production computers. Provide increases in both horsepower and torque without affecting driveability.

- ¹ P5249518 Engine Controller, 1993-94 5.2L 4x4 Automatic Transmission Grand Cherokee
- ¹ P5249702 Engine Controller, 1995 5.2L 4x4 Automatic Transmission Grand Cherokee

Note: Emissions exempt in California, Massachusetts and New York only. Requires the use of premium unleaded fuels (92 octane or better). 1998 and later models require Vehicle Identification Number (VIN) and Mileage encoding by a Chrysler franchised dealer. Not recommended for towing applications.

IMPORTANT NOTICE: This device is not legal for use on pollution-controlled vehicles certified for use on streets or highways. Once this device is installed, use of the vehicle on a street or highway is a violation of the Clean Air Act, potentially subjecting the operator and the installer to civil penalties of up to \$32,500 per vehicle depending on the circumstances.

IGNITION AND ELECTRONICS

A. Engine Controllers- Truck

Direct replacement for the production computers. Provide increases in both horsepower and torque without affecting driveability.

- ¹ P5249516 Engine Controller, 1992-93 5.2L Dakota
- ¹ P5249545 Engine Controller, 1994-95 5.2L Ram/Dakota, Automatic Transmission
- ¹ P5249546 Engine Controller, 1994-95 5.9L Ram, Automatic Transmission
- ¹ P5249548 Engine Controller, 1994-95 8.0L Ram, Automatic Transmission
- ¹ P5249955AB Engine Controller, 1996 5.2L Ram, Automatic Transmission
- P5153734AC Engine Controller, 360 MPI, Automatic Transmission
- P5249935 Engine Controller, 5.9L Magnum, Automatic Transmission

NOTE: Emissions exempt in California, Massachusetts and New York only. Requires the use of premium unleaded fuels (92 octane or better). 1998 and later models require Vehicle Identification Number (VIN) and Mileage encoding by a Chrysler franchised dealer. Not recommended for towing applications.

IMPORTANT NOTICE: This device is not legal for use on pollution-controlled vehicles certified for use on streets or highways. Once this device is installed, use of the vehicle on a street or highway is a violation of the Clean Air Act, potentially subjecting the operator and the installer to civil penalties of up to \$32,500 per vehicle depending on the circumstances.

B. Engine Controller- Ram SRT10

Plug in this performance-engineered Engine Controller and experience an immediate increase in horsepower and torque. Fuel and spark settings are adjusted for use with the required performance camshaft (P4510171) and exhaust headers (P4510844 or P5153168). Manual transmission only.

- ¹ P4510918 Engine Controller, 2004 SRT10 Ram 1500
- ¹ P5153335 Engine Controller, 2005 SRT10 Ram 1500
- ¹ P5153591 Engine Controller, 2006 SRT10 Ram 1500

IMPORTANT NOTICE: This device is not legal for use on pollution-controlled vehicles certified for use on streets or highways. Once this device is installed, use of the vehicle on a street or highway is a violation of the Clean Air Act, potentially subjecting the operator and the installer to civil penalties of up to \$32,500 per vehicle depending on the circumstances.



A.



B.

IGNITION AND ELECTRONICS

A. Ignition Wire Sets - 7.5 mm, Pre-Cut

Pre-cut, high-performance 7.5 mm Ignition Wire Sets specifically designed to maintain compatibility with the onboard computers and electronics found on production vehicles. Each package contains high-tech-style boot ends at both the distributor and plug ends of the wire. These blue wires are Imprinted with the Mopar name and the cylinder number.

- ¹ P4876433 Wire Set, Spark Plug, 7.5 mm 5.2L/5.9L Truck Magnum/Jeep Engines (1992-03) 1 7/8" Short boot
- ¹ P4876436 Wire Set, Spark Plug, 7.5 mm, 1991-02 4.0L Jeep Engines
- ¹ P4876432 Wire Set, Spark Plug, 7.5 mm, 1992-03 5.2L/5.9L Truck Magnum/Jeep Engines, 2 5/8" Long boot
- ¹ P4876431 Wire Set, Spark Plug, 7.5 mm, 1992-03 3.9L Truck Magnum Engines
- ¹ P4876434 Wire Set, Spark Plug, 7.5 mm, 1994-02 8.0L Ram
- ¹ P4876437 Wire Set, Spark Plug, 7.5 mm, 1996-00 2.5L Dakota and Wrangler

B. Distributor Cap and Rotor Set

- ¹ P4876255AB Distributor Cap and Rotor, 1992-97 Dodge Truck Magnum/Jeep Engines, 5.2L/5.9L

C. Ignition Wire Separator Set

Set includes eight pieces. Fits 7.5 mm wire.

- P4007667 Wire Separator, Spark Plug, Set of eight (8).

D. Intermediate Shaft Bushing

- P1737725 Intermediate Shaft Bushing, V6 and V8

E. Spark Plugs

Designed for Mopar by Bosch, these Spark Plugs are designed for optimum performance of your engine. Sold as a set of four.

- ¹ P4876926 Spark Plug, FR 8 DCX, Hemi/ Small Block

F. Universal Fit Spark Plug Wire Loom

Works with 7 mm-8 mm wire. Includes four (4) 1/4-inch mounting studs (20 tpi). May not fit some cast aluminum valve covers.

- P5007481 Loom, Spark Plug Wire, Universal Fit

G. Rear-Mounted Battery Kit

Designed for moving the battery to the rear of the vehicle to improve weight distribution. It will contribute to improved braking and less understeer in hard turns for oval track and rally racers. Includes battery box with lid, battery hold-down bracket, battery cable, hold-down bolts and wire terminals. Does not include battery.

- P4349500AB Battery Kit, Rear Mount, All RWD Applications



A.



B.



C.



D.



E.



F.



G.

Questions? Call the Mopar Direct Connection Techline at 1-888-528-HEMI (4364)

¹ Not legal on pollution-controlled vehicles or vehicles registered for highway use.

AUTOMATIC TRANSMISSION COMPONENTS

A. Overdrive Shift Improver Package

Now you can enjoy firmer, quicker shifts with this RWD Overdrive Shift Improver Package. On the A-500 and A-518 lockup overdrive automatic transmissions used in RWD trucks, the part-throttle kickdown function is retained along with the full shift pattern. Kit is designed for general purpose or high-performance applications.

¹ P5249641 Shift Improver Package, Lockup and Non-Lockup, 1990-95 A-518

B. Flex Plates - 5/16 Bolts

This weighted, externally balanced Torque Converter Flex Plate is for use with econo/lockup torque converters.

P4876706 Flex Plate, RWD, 1996–2003 5.9L Dodge Truck Magnum/Jeep Engines, Can be used with SEFI

P4876821 Flex Plate, RWD, 6-Bolt Crank, V8 To 1991

C. Transmission Overhaul Kits

Packages include factory original equipment transmission seals, filters, gaskets, rings, bands and discs.

P5007843 Overhaul Kit, Transmission, Heavy Duty, 1987–97 A-500

P5007845 Overhaul Kit, Transmission, Heavy Duty, 1990–97 A-518/A-618

P5007844 Overhaul Kit, Transmission, High Performance, 1987-97 A-500

D. Lockup Torque Converters

These performance Torque Converters have higher stall speeds than production units, but are less expensive than aftermarket race units. The higher stall speed offers better throttle response and a quicker launch.

¹ P5007291AB Torque Converter, Lockup, 1900-2100 Stall Speed, 1993–96 A-904

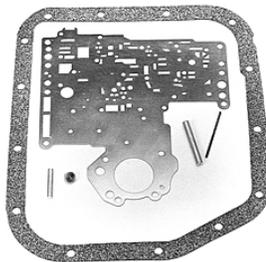
¹ P5007293AB Torque Converter, Lockup, 1900-2100 Stall Speed, 1996 and newer A-500

¹ P5007298AB Torque Converter, Lockup, 1900-2100 Stall Speed, A-518

¹ P5007292AB Torque Converter, Lockup, 2250-2350 Stall Speed, 1993–96 A-904

¹ P5007294AB Torque Converter, Lockup, 2250-2350 Stall Speed, 1996 and newer A-500

¹ P5007299AB Torque Converter, Lockup, 2250-2350 Stall Speed, A-518



A.



B. P4876706



B. P4876821



C.



D.

Race Torque Converters
Performance Econo Torque Converters

General Desc.	Speeds	Lock-Up	FR Drive	Attach Lub	145K	166K	175K
Up to 1992 A904	3	No	Slot	Off-set	P4876806AB	P4876876AB	P4876877AB
Up to 1995 A727	3	No	Slot	Off-set	P4876870AB	P4876878AB	P4876879AB

Note: The torque converters above fit all the A904 and A727 3-speed non lock-up transmissions built from 1967-90. They do not fit lock-up transmissions and the newer models. Recommended for Muscle Cars from 1966-76, street rods, street machines, and drag race cars and trucks. Refer to the "Usage Chart" for specific information. Performance converters are considered 10" converters and measure approximately 10-1/2". The "stall speed" listed is an estimate based on a typical performance vehicle and tends to vary from engine to engine and car to car. The "K" factor is a better, more reliable method of comparing converters.

Performance Lock-Up Torque Converters

General Desc.	Speeds	Lock-Up	FR Drive	Attach Lub	145K	166K	175K
1967-92 A904	3	Yes	Slot	Off-set	P4529403AB	P5007290AB	NA
1993-96 A904	3	Yes	D-Drive	Off-set	P5007291AB	P5007292AB	NA
1996-up A904	3	Yes	D-Drive	Symmetrical	P5007293AB	P5007294AB	NA
1967-95 A727	3	Yes	Slot	Off-set	P4876947AB	P5007297AB	NA
1996-up A727	3	Yes	Slot	Symmetrical	P5007298AB	P5007299AB	NA

Note: The torque converters above fit only the A904/A500 and A727/A518 lock-up transmissions listed. They do not fit non lock-up transmissions and the newer models. Refer to the "Usage Chart" for specific information. Performance converters are considered 10" converters and measure approximately 10 1/2". The "stall speed" listed is an estimate but lock-up converters tend to vary more than non lock-up units do. Note the specific years for the lock-up applications. Production has changed several major features that make lock-up converters non-interchangeable.

Torque Converter Engine Usage

	Hemi	
	5.2L Magnum	440 6-BBL and Heavy Rod
	Slant 6, 3.9L V6	400, 440 Cast Crank
	383, 440 Forged Crank	360 Cast Crank (71-92)
Basic Description	273, 318, 340 Forged Crank	340 Cast Crank
		93-01 360 Magnum
All Mopar Converters	No extra weights	Add P4120241
		Add P5249643

Torque Converter Usage by Valve Lift Factor

Engine	Valve Lift	Torque Converter	General Usage
Hemi	Up to 0.499"	150K	Dual Purpose
	0.500"-0.530"	166K	General Bracket
	0.531" and up	175K and Up	Serious Brackets
440	Up to 0.481"	145K	Dual Purpose
	0.482"-0.520"	166K	General Bracket
	0.521" and up	175K and up	Serious Brackets
383	Up to 0.450"	145K	Dual Purpose
	0.451"-0.481"	166K	General Bracket
	0.482" and up	175K and up	Serious Brackets
360	Up to 0.481"	145K	Dual Purpose
	0.482"-0.520"	166K	General Bracket
	0.521" and up	175K	Serious Brackets
318/340	Up to 0.450"	145K	Dual Purpose
	0.451"-0.481"	166K	General Bracket
	0.482" and up	175K and Up	Serious Brackets

Torque Converter Usage by "K" Factor

Application	318/340	360	383/400	440
Stock — Performance	120-145K	120-145K	120-145K	120K
Street — Performance	166-175K	145-166K	166-175K	145-166K
Street — Strip	175K	166-175K	175K	166-175K
Bracket Race	175-230K	175-230K	175-200K	150-150K
Race	250-265K	240-255K	250-265K	240-255K
	260-275K-W2	260-275K-W2		

Note: 145K = 1900-2100 stall speed; 166K = 2250-2350 stall speed; 175 = 2400-2500 stall speed.

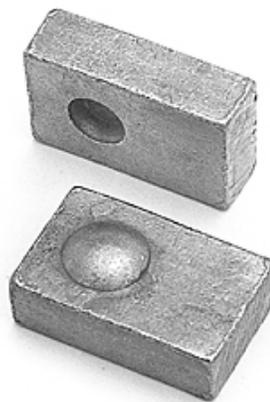
JEEP/TRUCK

AUTOMATIC TRANSMISSION COMPONENTS

A. Balance Weight and Positioning Template Package

Required for rebalancing performance torque converters. For use with externally balanced cast iron cranks in Magnum 360 engines.

P5249843 Balance Weight and Positioning Template Package, 5.9L Truck Magnum/Jeep Engines



A.

B. Flywheel

Replacement flywheel for the 360 cast crank engine with external balance. Not SFI-approved. Six-bolt for 10.50" clutch. Carbureted engine use only, including crate engines. Does not have tone ring, cannot be used with SMPI.

¹ **P5249842** Flywheel, Cast Crank, 130 Tooth, 1993-03 5.9L Dodge Truck Magnum/Jeep Engines



B.

C. Cast Aluminum Deep Oil Pan Packages

Extra-capacity Cast Aluminum Dweep Oil Pan with fins improves the cooling and lubrication of critical transmission components. Results in better shift performance and longer component life. A bolt-on spacer is provided to lower the fluid pickup. Includes drain plug. Adds two quarts to sump. Includes extra hole for temperature gauge.

¹ **P5007740AB** Oil Pan, Cast, 3.90" Deep, 1990-2001 A-518

¹ **P5007795AB** Oil Pan, Cast, 4.50" Deep, 1989-2001 A-500

D. Pilot Bearing

The Pilot Bearing should always be replaced when servicing the clutch and throw out bearing, or whenever a new clutch is installed. Also fits cranks P5007252, P5007253, P5007254, P5007255, P5007256, P5007257, P5007258 and P5007259.

¹ **P4876056AA** Pilot Bearing, 5.2L/5.9L Dodge Truck Magnum/Jeep Engines



C.

TRANSMISSION/TRANSFER CASES

Transfer Case (Not Shown)

P5155082 1330 Double Cardan U-Joint Yoke Kit

¹ **P5155079** 231 HD Chain and Sprocket Kit

P5155154 241 OR Transfer Case Kit With Shift



D.

AXLES

A. Axle Assemblies

Now available exclusively from Mopar -- the Jeep Wrangler Rubicon front and rear axle assemblies. These assemblies will provide the next level of off-road performance for your CJ, YJ or TJ. These axles are shipped with current Wrangler Rubicon suspension mounting brackets installed. Adaptation of these units into previous models is the responsibility of the purchaser. These axles come completely assembled with 4.10 gear, disc brakes and locking differential. A limited slip rear axle assembly is also available.

- P5155252 Axle, Front Assembly, Dana 44, 2007-09 Jeep Wrangler, 4.10 Locking Differential, Without Brakes
- ¹ P5155256 Axle, Front Assembly, Dana 44, JK, Modified For TJ
- ¹ P5155084 Axle, Front Assembly, J8, Dana 44, 5 on 5.5 Hub, with Open Differential
- ¹ P5155087AB Axle, Front Assembly, Stock Power Wagon, 4.56 Ratio, With Locker
- ¹ P5153826AB Axle, Rear Assembly, 2007-09 Jeep Wrangler Rubicon, 4.10 Ratio, Locking Differential
- ¹ P5155257 Axle, Rear Assembly, Dana 44, JK, Modified For TJ
- ¹ P5155260 Axle, Rear Assembly, Dana 60, J8, 4.10 Limited Slip, 5 x 5.50" and 5 x 5.0" Bolt Pattern, Modified For JK
- ¹ P5155083 Axle, Rear Assembly, J8, Dana 60, 5 on 5.5 Hub, Limited Slip Differential, Leaf Spring
- ¹ P5155088AB Axle, Rear Assembly, Stock Power Wagon, 4.56 Ratio, With Locker



A. P5155084



A. P5155257



A. P5153825AB



A. P5153827



A. P5153826AB



B.

EXTERIOR BODY COMPONENTS

B. Hemi Hockey Stick Graphics Kits

Kit includes Hemi® Hockey Stick Graphics (driver and passenger bed sides) and hood stripe. Fits both long and short bed trucks. Material is Avery two mil high-performance cast vinyl film, die-cut and pre-masked. Kit includes step-by-step installation instructions and application squeegee.

- P4510272 Graphics Kit, Hemi Hockey Stick, Black, 2007 Dodge Ram 6.5' and 8.0' Bed
- P4510274 Graphics Kit, Hemi Hockey Stick, Silver Metallic, 2007 Dodge Ram 6.5' and 8.0' Bed
- P4510273 Graphics Kit, Hemi Hockey Stick, White, 2007 Dodge Ram 6.5' and 8.0' Bed

JEEP/TRUCK

EXTERIOR BODY COMPONENTS

A. Hemi Billboard Graphics Kits

Kit includes Hemi® Billboard Graphics (driver and passenger bed sides) and hood stripe. For short bed trucks only. Material is Avery two mil high-performance cast vinyl film, die-cut and pre-masked. Kit includes step-by-step installation instructions and application squeegee.

- P4510275 Graphics Kit, Hemi Billboard, Black, 2007 Dodge Ram, 6.5' Bed
- P4510277 Graphics Kit, Hemi Billboard, Silver Metallic, 2007 Dodge Ram 6.5' Bed

B. Chrome Stainless Steel Wire Mesh Grille Assembly

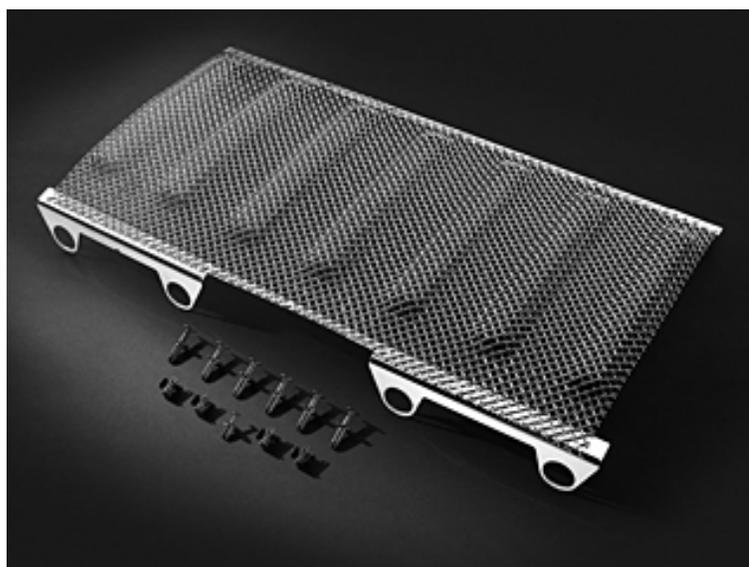
- 77DUB01023 Grille, Chrome, Wire Mesh, 2006 Commander
- 77070001 Grille, Chrome, Wire Mesh, 2007-09 Wrangler, 2/4DR



A.



B.



B.

AUTHENTIC PERFORMANCE™



MORE STUFF



PERFORMANCE

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AUTHENTIC PERFORMANCE™



AUDIO



PERFORMANCE

MOPAR/KICKER APPLICATION CHART

Application	I/P	Front	Rear	Sub Wfr.	Amp Watts	Amp	O.E. Audio Level	Model Year	Part Number
300 (LX)		X					Base	2005-09	77KICK08
	X	X					Premium	2005-09	77KICK11
			X				Base - Premium	2005-09	77KICK06
				Dual 10"	400		Base - Premium	2005-09	77KICK20AB
				Single 10"	100		Base - Premium	2005-09	77KICK02
					184	4 Chnl.	Base	2005-07	77KICK34
					368	8 Chnl.	Premium	2005-07	77KICK18AB
Avenger / Sebring (JS)							Base	2008-09	77KICK39
							Premium	2008-09	77KICK30
	X	X					Premium	2007-09	77KICK11
	X	X					Base (6-Sprk)	2007-09	77KICK28
		X					Base (4-Sprk)	2007-09	77KICK29
			X				Base - Premium	2007-09	77KICK06
				Dual 10"	400		Base - Premium	2007-09	77KICK26
Caliber (PM)				Single 10"	200		Base - Premium	2007-09	77KICK27
					184	4 Chnl.	Base	2007-09	77KICK38
					368	8 Chnl.	Premium	2007-09	77KICK30AB
		X					Base	2007-09	77KICK06
	X	X					Premium	2007-09	77KICK16
			X*				Premium	2006-09	77KICK25
			X				Base - Premium	2007-09	77KICK06
Challenger (LC)				Dual 10"	400		Base - Premium	2007-09	77KICK22AC
				Single 10"	200		Base - Premium	2007-09	77KICK14AC
					184	4 Chnl.	Base	2007-09	77KICK37
					368	8 Chnl.	Premium	2007-09	77KICK18AB
		X					Base	2009	77KICK08
	X	X					Premium	2009	77KICK11
			X				Base - Premium	2009	77KICK10
Charger (LX)				Dual 10"	400		Base - Premium	2009	77KICK20AB
				Single 10"	200		Base - Premium	2009	77KICK31
					184	4 Chnl.	Base	2009	77KICK39
					368	8 Chnl.	Premium	2009	77KICK30AB
		X					Base	2005-09	77KICK08
	X	X					Premium	2005-09	77KICK11
			X				Base - Premium	2005-09	77KICK06
Commander (XK)				Dual 10"	400		Base - Premium	2005-09	77KICK20AB
				Single 10"	200		Base - Premium	2005-09	77KICK04AB
					184	4 Chnl.	Base	2005-07	77KICK34
					368	8 Chnl.	Premium	2005-07	77KICK39
					368	8 Chnl.	Premium	2005-07	77KICK18AB
					368	8 Chnl.	Premium	2008-09	77KICK30
							Base (6-Sprk)	2007-09	77KICK29
Compass/Patriot (MK)	X	X					Premium	2005-09	77KICK11
			X				Base - Premium	2005-09	77KICK10
					368	8 Chnl.	Premium	2007-09	77KICK18AB
		X					Base	2007-09	77KICK06
	X	X					Premium	2007-09	77KICK16
			X				Base - Premium	2007-09	77KICK06
			X*				Premium	2006-09	77KICK25
Dakota (ND) Quad and Club Cab				Dual 10"	400		Base - Premium	2007-09	77KICK22AC
				Single 10"	200		Base - Premium	2007-09	77KICK14AC
					184	4 Chnl.	Base	2007-09	77KICK37
					368	8 Chnl.	Premium	2007-09	77KICK18AB
		X					Base	2005-09	77KICK10
			X				Base	2005-09	77KICK10
	Durango (HB)		X					Base	2004-06
X		X					Premium	2004-06	77KICK05
			X				Base - Premium	2004-06	77KICK10
					368	8 Chnl.	Premium	N/A	N/A
Grand Cherokee (WK)		X					Base	2007-09	77KICK29
	X	X					Premium	2005-09	77KICK11
			X				Base - Premium	2005-09	77KICK10
				Dual 10"	400		Base - Premium	2005-09	77KICK23AB
				Single 10"	200		Base - Premium	2005-09	77KICK12AB
					184	4 Chnl.	Base	N/A	N/A
Liberty (KJ/KK)							Premium	2005-09	77KICK18AB
	X	X					Premium	2005-09	77KICK15
			X				Base - Premium	2008-09	77KICK10
				Dual 10"	400		Base - Premium	2008-09	77KICK19AB
				Single 10"	200		Base - Premium	N/A	N/A
				184	4 Chnl.	Base	2008-09	77KICK36	
				368	8 Chnl.	Premium	N/A	N/A	

MOPAR/KICKER APPLICATION CHART

Application	I/P	Front	Rear	Sub Wfr.	Amp Watts	Amp	O.E. Audio Level	Model Year	Part Number
Magnum (LX)		X					Base	2005-09	77KICK08
	X	X					Premium	2005-09	77KICK11
			X				Base - Premium	2005-09	77KICK06
				Dual 10"	400		Base - Premium	2005-09	77KICK21AB
				Single 10"	100		Base - Premium	2005-09	77KICK03
					184	4 Chnl.	Base	2005-07	77KICK34
					368	8 Chnl.	Premium	2008-09	77KICK39
Neon (PL)	X	X					Base	2004-05	77KICK05
			X				Base	2004-05	77KICK07
				Single 10"	100		Base	2004-05	77KICK01
Nitro (KA)	X	X					Base - Premium	2006-09	77KICK15
			X				Base - Premium	2006-09	77KICK10
				Dual 10"	400		Base - Premium	2006-09	77KICK19AB
					184	4 Chnl.	Base	2007-09	77KICK36
PT Cruiser (PT)							Base	N/A	N/A
	X	X					Premium	N/A	N/A
PT Cruiser (PT)	X	X					Base - Premium	2006	77KICK05
			X				Base - Premium	2006	77KICK10
Ram (DR/DS) Mega Cab		X					Base	2005-08	77KICK06
								2009	
	X	X					Premium	2005-08	77KICK11
								2009	
							Base - Premium	2007-08	N/A
				Single 10"	200		Base - Premium	2009	N/A
					184	4 Chnl.	Base	2007-08	77KICK35
Ram (DR/DS) Quad Cab								2009	
							Base - Premium	2007-08	N/A
				Single 10"	200		Base - Premium	2009	N/A
					184	4 Chnl.	Base	2007-08	77KICK35
					368	8 Chnl.	Premium	2007-08	N/A
								2009	
								2009	
Ram (DR/DS) Standard Cab		X					Base	2005-09	77KICK06
								2009	
	X	X					Premium	2005-08	77KICK11
								2009	
			X				Base - Premium	2005-08	77KICK32
				Single 10"	200		Base - Premium	2009	77KICK29
					184	4 Chnl.	Base - Premium	2006-08	77KICK 17AB
Wrangler (JK) 2-Door								2009	
							Base	2005-08	77KICK06
	X	X					Premium	2005-08	77KICK11
								2009	
			X				Base - Premium	2005-08	77KICK32
				Single 10"	200		Base - Premium	2009	77KICK13AB
					184	4 Chnl.	Base	2006-08	77KICK35
Wrangler (JK) 4-Door								2009	
							Base	2005-08	77KICK35
					368	8 Chnl.	Premium	2006-08	77KICK18AB
								2009	
Wrangler (JK) 2-Door		X					Base - Premium	2006-08	77KICK10
			X				Base - Premium	2006-09	77KICK10
				Single 10"	200		Base - Premium	2007-09	77KICK40
					184	4 Chnl.	Base	2007-09	77KICK33
Wrangler (JK) 4-Door							Premium	N/A	N/A
		X					Base - Premium	2006-09	77KICK10
			X				Base - Premium	2006-09	77KICK10
				Single 10"	200		Base - Premium	2006-09	77KICK24AB
Wrangler (JK) 4-Door							Base	2007-09	77KICK33
					184	4 Chnl.	Base	2007-09	77KICK33
Wrangler (JK) 4-Door					368	8 Chnl.	Premium	N/A	N/A

X* = Music Gate

KICKER AUDIO UPGRADES

A. Amplifiers

Anyone who's really into music knows one simple formula: More power = better performance. So if you're ready to upgrade your automotive sound system, you need Kicker amplifiers from Mopar! Kicker is the world's premier high-performance car stereo manufacturer, which is why you can depend on Kicker for all your automotive sound system needs. Kicker eight-channel amps are great for powering an entire sound system. Whatever your amp needs, Kicker has the power to move you with amp wattage ranging from 100-400. All Kicker amplifiers are designed and developed specifically for Chrysler, Jeep and Dodge vehicles, so installation is quick and easy. Power = performance, so if you're ready to power up your favorite ride, stop by your local Chrysler, Jeep or Dodge dealership and ask for Kicker amplifiers from Mopar.

- 77KICK34** Amplifier, 184 Watts, 4 Channel
- 77KICK37** Amplifier, 184 Watts, 4 Channel
- 77KICK39** Amplifier, 184 Watts, 4 Channel
- 77KICK18A** Amplifier, 368 Watts, 8 Channel
- 77KICK30** Amplifier, 368 Watts, 8 Channel

See application chart for vehicle specific applications.



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KICKER AUDIO UPGRADES

A. Speaker Upgrades

Mopar now offers exclusive audio system upgrade components and packages for popular Chrysler, Jeep and Dodge vehicles from Kicker, the world's premier high-performance car audio manufacturer. When you're ready to get serious about your vehicle's sound system, you're ready for Kicker. Kicker virtually invented the high-performance car audio enclosure when the company's founder and president developed the original Kicker—the first full-range speaker box designed specifically for automotive use. Thanks to Mopar's association with Kicker, you can now upgrade your vehicle's factory speakers with high-quality two-way/three-way replacements. And best of all, Kicker speakers, Subwoofers, and Amplifiers have all been designed specifically for Chrysler, Jeep and Dodge vehicles, so you get automotive sound the way it was intended. Because Kicker speakers and upgrade packages have been designed specifically for your vehicle, they install quickly and easily. Are you ready for an automotive sound experience unlike any other? Then you're definitely ready for Kicker products from Mopar!

- 77KICK25 Speaker Upgrade, 50 Watts, (2) 3.50"
- 77KICK32 Speaker Upgrade, 50 Watts, (2) 5.25"
- 77KICK10 Speaker Upgrade, 50 Watts, (2) 6 x 9, 2-Way
- 77KICK11 Speaker Upgrade, 75 Watts, (2) 6 x 9 Midbass, (2) 3.50"
- 77KICK28 Speaker Upgrade, 75 Watts, (2) 6 x 9, (2) 1.0" Dome Tweeters
- 77KICK06 Speaker Upgrade, 75 Watts, (2) 6 x 9, 2-Way
- 77KICK08 Speaker Upgrade, 75 Watts, (2) 6 x 9, 2-Way
- 77KICK29 Speaker Upgrade, 75 Watts, (2) 6 x 9, 2-Way
- 77KICK05 Speaker Upgrade, 75 Watts, (2) 6.50" Midbass, (2) 1.0" Dome Tweeters
- 77KICK15 Speaker Upgrade, 75 Watts, (2) 6.50" Midbass, (2) 1.0" Dome Tweeters
- 77KICK16 Speaker Upgrade, 75 Watts, (2) 6.50" Midbass, (2) 1.0" Dome Tweeters

See application chart for vehicle specific applications.



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Questions? Call the Mopar Direct Connection Techline at 1-888-528-HEMI (4364)
 † Not legal on pollution-controlled vehicles or vehicles registered for highway use.

KICKER AUDIO UPGRADES

A. Subwoofers

Do you want your bass to boom? Then you need Kicker subwoofers and subwoofer enclosures from Mopar! Kicker is the world's premier high-performance car sound system manufacturer, so you know you're getting serious quality. Kicker subwoofers allow you to hear and feel the lowest bass frequencies that your main speakers just can't handle. Kicker's subwoofer enclosures are an easy bass upgrade. Custom-fit enclosed subwoofers are fully-loaded enclosures that are ideal for "stealth" installations or in situations where space is at a premium. Best of all, Kicker subwoofers are designed specifically for Chrysler, Dodge and Jeep vehicles, so you get the best possible bass performance plus quick and easy installation. If you want the best possible automotive sound experience, then discover Kicker car sound system products at your local Chrysler, Dodge or Jeep dealership. To sound the best you have to buy the best!

- 77KICK01 Subwoofer, 100 Watts, Single 10", Round
- 77KICK02 Subwoofer, 100 Watts, Single 10", Round
- 77KICK03 Subwoofer, 100 Watts, Single 10", Round
- 77KICK04 Subwoofer, 200 Watts, Single 10" Square
- 77KICK12A Subwoofer, 200 Watts, Single 10" Square
- 77KICK13A Subwoofer, 200 Watts, Single 10" Square
- 77KICK14A Subwoofer, 200 Watts, Single 10" Square
- 77KICK17A Subwoofer, 200 Watts, Single 10" Square
- 77KICK24A Subwoofer, 200 Watts, Single 10" Square
- 77KICK27 Subwoofer, 200 Watts, Single 10" Square
- 77KICK31 Subwoofer, 200 Watts, Single 10" Square
- 77KICK19A Subwoofer, 400 Watts, Dual 10" Square
- 77KICK20 Subwoofer, 400 Watts, Dual 10" Square
- 77KICK21A Subwoofer, 400 Watts, Dual 10" Square
- 77KICK22A Subwoofer, 400 Watts, Dual 10" Square
- 77KICK23A Subwoofer, 400 Watts, Dual 10" Square
- 77KICK26 Subwoofer, 400 Watts, Dual 10" Square

See application chart for vehicle specific applications.



A. 77KICK01



A. 77KICK02



A. 77KICK03



A. 77KICK04



A. 77KICK12



A. 77KICK13



A. 77KICK14



A. 77KICK17



A. 77KICK24AB



A. 77KICK31



A. 77KICK19



A. 77KICK20

KICKER AUDIO UPGRADES

A. Subwoofers (Continued)



A. 77KICK21

A. 77KICK22AB



A. 77KICK23

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PERFORMANCE GAUGES



PERFORMANCE

PERFORMANCE GAUGES

GAUGES

Mopar Performance Gauges - Created using race proven Auto Meter components, Mopar Performance Gauges are now infused with superior LED through-the-dial O.E. quality lighting, to provide "at-a-glance" readings day or night.

Full Sweep Electric

Powered by digital, microprocessor-controlled, rugged stepper motor drives and laboratory-grade sending units, Full Sweep Electric Gauges are the BEST gauges available. Extreme durability and readability of 270-degree sweep mechanical gauges is combined with easy installation and safe operation of short sweep electronics. Track-tested and race-proven, these units employ precision senders to keep hazardous fluids out of the driver compartment and to perform gauge calibration and sensor diagnostics at power-up for extreme accuracy every time. Most units are compatible with Auto Meter Data Logger, for the ultimate race info center.

Short Sweep Electric

Advanced 90-degree air core movements and simple three-wire installation characterize these high-performance instruments. Electrical signals collect data generated from hazardous fluids in the engine compartment to ensure precision. It's all the information you need-and nothing you don't.

Mechanical

Bronze Bourdon tube, 270-degree sweep movements, and durable nylon gearing have made these rugged and long lasting gauges a proven high-performance favorite for more than 25 years. These mechanical gauges require no electrical power for operation, which makes them an ideal choice for vehicles with no- or low-powered electrical systems.

A. Boost Vacuum

- 77060061 Boost Vacuum, Diesel, Full Sweep, Electronic, 2 1/16", Range: 0-30 psi, Black Dial
- 77060060 Boost Vacuum, Diesel, Full Sweep, Electronic, 2 1/16", Range: 0-30 psi, White Dial
- 77060030 Boost Vacuum, Diesel, Full Sweep, Mechanical, 2 1/16", Range 0-35 psi, White Dial
- 77060031 Boost Vacuum, Diesel, Full Sweep, Mechanical, 2 1/16", Range: 0-35 psi, Black Dial
- 77060033 Boost Vacuum, Full Sweep, Mechanical, 2 1/16", 20 psi/30" hg, Black Dial
- 77060032 Boost Vacuum, Full Sweep, Mechanical, 2 1/16", 20 psi/30" hg, White Dial



A. 77060060 (Day)



A. 77060060 (Night)



A. 77060033 (Day)



A. 77060033 (Night)



A. 77060032 (Day)



A. 77060032 (Night)



A. 77060031 (Day)



A. 77060031 (Night)



A. 77060030 (Day)



A. 77060030 (Night)



A. 77060061 (Day)



A. 77060061 (Night)

Visit us on the Web! www.mopar.com

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GAUGES

A. Fuel Level

- 77060043 Fuel level, Full Sweep, Electronic, 2 1/16", Black Dial
- 77060042 Fuel Level, Full Sweep, Electronic, 2 1/16", White Dial

B. Oil Pressure

- 77060035 Oil Pressure, Full Sweep, Mechanical, 2 1/16", Range: 0-100 psi, Black Dial
- 77060034 Oil Pressure, Full Sweep, Mechanical, 2 1/16", Range: 0-100 psi, White Dial
- 77060045 Oil Pressure, Short Sweep, Electronic, 2 1/16", Range: 0-100 psi, Black Dial
- 77060044 Oil Pressure, Short Sweep, Electronic, 2 1/16", Range: 0-100 psi, White Dial



A. 77060042 (Day)



A. 77060042 (Night)



A. 77060043 (Day)



A. 77060043 (Night)



B. 77060034 (Day)



B. 77060034 (Night)



B. 77060035 (Day)



B. 77060035 (Night)



B. 77060044 (Day)



B. 77060044 (Night)



B. 77060045 (Day)



B. 77060045 (Night)

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PERFORMANCE GAUGES

GAUGES

A. Pyrometer

- 77060047 Pyrometer, Full Sweep, Electronic, 2 1/16", Range: 0-1,600 Degrees Farenheit, Black Dial
- 77060046 Pyrometer, Full Sweep, Electronic, 2 1/16", Range: 0-1,600 Degrees Farenheit, White Dial

B. Speedometer

- 77060055 Speedometer (in-dash), Full Sweep, Electronic, 3 3/8", Range: 0-160 mph, Black Dial
- 77060054 Speedometer (in-dash), Full Sweep, Electronic, 3 3/8", Range: 0-160 mph, White Dial



A. 77060046 (Day)



A. 77060046 (Night)



A. 77060047 (Day)



A. 77060047 (Night)



B. 77060054 (Day)



B. 77060054 (Night)



B. 77060055 (Day)



B. 77060055 (Night)

GAUGES

A. Tachometers

- 77060057 Tachometer (in-dash), Full Sweep, Electronic, 3 3/8", Range: 0-10,000 rpm, Black Dial
- 77060056 Tachometer (in-dash), Full Sweep, Electronic, 3 3/8", Range: 0-10,000 rpm, White Dial
- 77060059 Tachometer (pedestal-mount with shift light), Full Sweep, Electronic, 3 3/8", Range: 0-10,000 rpm, Black Dial
- 77060058 Tachometer (pedestal-mount with shift light), Full Sweep, Electronic, 3 3/8", Range: 0-10,000 rpm, White dial

B. Transmission Temperature

- 77060048 Gauge, Transmission Temperature, Short Sweep, Electronic, 2 1/16", Range: 100 - 260° F, White Dial
- 77060049 Gauge, Transmission Temperature, Short Sweep, Electronic, 2 1/16", Range: 100 - 260° F, Black Dial



A. 77060056 (Day)



A. 77060056 (Night)



A. 77060057 (Day)



A. 77060057 (Night)



A. 77060058 (Day)



A. 77060058 (Night)



A. 77060059 (Day)



A. 77060059 (Night)



B. 77060048 (Day)



B. 77060048 (Night)



B. 77060049 (Day)



B. 77060049 (Night)

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PERFORMANCE GAUGES

GAUGES

A. Voltmeters

- 77060051 Voltmeter, Short Sweep, Electronic, 2 1/16", Range: 8-18 Volts, Black Dial
- 77060050 Voltmeter, Short Sweep, Electronic, 2 1/16", Range: 8-18 Volts, White Dial



A. 77060050 (Day)



A. 77060050 (Night)

B. Water Temperature

- 77060053 Water Temperature, Full Sweep, Electronic, 2 1/16", Range: 100-260° F, Black Dial
- 77060052 Water Temperature, Full Sweep, Electronic, 2 1/16", Range: 100-260° F, White Dial
- 77060039 Water Temperature, Short Sweep, Electronic, 2 1/16", Range: 100-250° F, Black Dial
- 77060038 Water Temperature, Short Sweep, Electronic, 2 1/16", Range: 100-250° F, White Dial



A. 77060051 (Day)



A. 77060051 (Night)



B. 77060052 (Day)



B. 77060052 (Night)



B. 77060053 (Day)



B. 77060053 (Night)



B. 77060038 (Day)



B. 77060038 (Night)



B. 77060039 (Day)



B. 77060039 (Night)

GAUGE PODS

These Gauge Pods from Mopar Performance are available for the popular 2 1/16" gauges. Premium-grade automotive ABS is formed and trimmed to perfectly fit each application, giving a clean, factory look. Easy installation, with little or no modification to the vehicle's interior.

A. Gauge Pods - Single

P4510560 Gauge Pod, Single, A-Pillar Mount, Black Finish, 2003-05 Neon SRT4, 2000-05 Neon



A.

B. Gauge Pods - Dual

P4510567 Gauge Pod, Dual, A-Pillar Mount, Beige, 2001-05 PT Cruiser

77060063 Gauge Pod, Dual, A-Pillar Mount, Black, 2000-05 Neon

P4510559 Gauge Pod, Dual, A-Pillar Mount, Black, 2003-05 Neon SRT4, 2000-05 Neon

77060062 Gauge Pod, Dual, A-Pillar Mount, Black, 2004-05 Magnum/300

77060067 Gauge Pod, Dual, A-Pillar Mount, Tan, 2003-05 Ram

77060072 Gauge Pod, Dual, A-Pillar Mount, Tan, 2003-2005 Dodge Ram

77060066 Gauge Pod, Dual, Dash Mount, Black, 1997-05 Wrangler

77060069 Gauge Pod, Dual, Overhead Mount, Black, 2003-05 Ram



B.

C. Gauge Pods - Triple

77060064 Gauge Pod, Triple, A-Pillar Mount, Black, 2000-05 Neon

77060068 Gauge Pod, Triple, A-Pillar Mount, Tan, 2003-05 Ram

77060073 Gauge Pod, Triple, A-Pillar Mount, Tan, 2003-2005 Dodge Ram

77060065 Gauge Pod, Triple, Dash Mount, Black, 2003-04 Ram

77060070 Gauge Pod, Triple, Overhead Mount, Black, 2003-05 Ram



C. 77060073

Gauge Pods - Quad (Not Shown)

77060071 Gauge Pod, Quad, Overhead Mount, Black, 2003 - 05 Ram

GAUGE COMPONENTS

Tachometer Signal Adapter (Not Shown)

P4510598 Tachometer Adapter, Required for all applications without a distributor, use with P4510419

D. Speedometer Components

P5155068 Hall Effect EMS & Electric Speedometer Sender. Sixteen pulse per revolution. Hall effect sender. 7/8-18 thread. .104 x .104 square drive key, with mechanical pass through for cruise control.

04897646AA Speedometer Cable, 1968-75 A/B/E-Bodies (without cruise control)



D.

Questions? Call the Mopar Direct Connection Techline at 1-888-528-HEMI (4364)
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AUTHENTIC PERFORMANCE™



SILVERSTAR LIGHTING



PERFORMANCE

SILVERSTAR LIGHTING

LAMPS

A. Fog Lamp

P0009005ST Light Bulb, Fog, O.E. Part Number: 9005

PL00H3ST Light Bulb, Fog, O.E. Part Number: H3

LAMPS AND LENSES

B. Headlamps

PL009004ST Headlight, O.E. Part Number: 9004

PL009006ST Headlight, O.E. Part Number: 9006

PL9006XSS Headlight, O.E. Part Number: 9006XS

PL009007ST Headlight, O.E. Part Number: 9007

P00H6054ST Headlight, Rectangle Sealed Beam, O.E. Part Number: H6054

P0046024ST Headlight, Round Sealed Beam, O.E. Part Number: H6024



A.



B.

AUTHENTIC PERFORMANCE™



MERCHANDISE



PERFORMANCE

MERCHANDISE

LUBRICATION PACKAGES

Mobil1 And zMAX Micro-Lubricant Package (Not Shown)

zMAX micro-molecules have been formulated to be smaller than regular oil molecules. This allows zMAX micro-molecules to actually soak into metal. As soon as it soaks into metal, zMAX formula is able to disburse carbon and other harmful deposits. The result is increased gas mileage, improved performance, reduced engine wear, extended engine life, and lower emissions. Kit contains 6 quarts of Mobil 1 oil and one quart of zMAX Micro Lubricant-Mechanic Formula.

P5153740 10W-30 Mobil 1 and zMAX

P5153739 5W-30 Mobil 1 and zMAX

ENGINE ASSEMBLY AIDS

Degree Wheel (Not Shown)

Use this Mopar aluminum Degree Wheel for centering camshafts. 1-180-0 degrees. Step-by-step installation instructions are printed conveniently on the reverse side.

P4452990 Degree Wheel

Plastigauge Assortment (Not Shown)

When reassembling your engine, you'll need a variety of Plastigauge to measure bearing clearances. This popular assortment includes one blue strip for 0.004"-0.009" clearances, two red strips for 0.002"-0.006" clearances, and two green strips for 0.001-0.003" clearances. Each strip is 12" long.

¹ P4286819 Plastigauge Assortment

TDC Indicator Tool (Not Shown)

Take the guesswork out of finding Top Dead Center (TDC) with this handy positive-stop tool for determining exact TDC when centering cams. This hardened steel is extremely accurate and can be used on all Chrysler Group engines, except the 2.4L Turbo.

P4349737 TDC Indicator Tool (All Engines, Except 2.4L Turbo)

Valve Lash Adjustment Chart Decals (Not Shown)

This self-adhesive chart can be mounted on a firewall or under the hood for quick reference. Indicates how to properly set valve lash with high-lift cams on V8 engines (9-position method).

¹ P4452989 Valve Lash Adjustment Decal (Hemi, Big Block, Small Block, 5.2L/5.9L Magnum/Jeep Engines)

DIECAST

A. Display Cases

P515385AB Display Case, 1:18 Scale, (Car not included)

P515384AB Display Case, 1:24 Scale, (Car not included)



A. P5153585



A. P5153584



A. P5153582



A. P5153583



B. P5153487



B. P5153609



B. P5153610



C. P5155144



C. P5155149

DIECAST

A. Display Engines

- P5153582AB Display Engine, 426 Street Hemi, 1:6 Scale
- P5153873AB Display Engine, 426 Hemi Top Fuel, Assembled, 1:6 Scale
- P5153872AB Display Engine, 426 Street Hemi Shaker, Assembled, 1:6 Scale

Dodge (Not Shown)

- P5155027AB Diecast, 1964 Dodge Super/Street, Turquoise, 1:18 Scale
- P5153797AC Diecast, 2008 Sox & Martin Pro Stock, 1:24 Scale
- P5153922AB Diecast, 1964 Dodge 330 Sedan, 426 Hemi, Light Beige, 1:18 Scale

B. Dodge Charger

- P5153487AB Diecast, 1968 Dodge Charger, NHRA Modified, Dick Landy, 1:18 Scale
- P5153609AB Diecast, 1969 Dodge Charger 500 - No. 22 Bobby Allison, 1:18 Scale
- P5153610AB Diecast, 1969 Dodge Charger 500 - No. 99 Paul Goldsmith, 1:18 Scale

C. Dodge Challenger

- P5155220 Diecast, 1970 Dodge Challenger R/T, Black, 1:18 Scale
- P5155144 Diecast, 1970 Dodge Challenger RT, Sublime Green, 1:18 Scale
- P5155145 Diecast, 1970 Dodge Challenger TA, Hemi Orange, 1:18 Scale
- P5155149 Diecast, 1971 Dodge Challenger, Iridescent Green Metallic, 1:18 Scale
- P5153948AB Diecast, 1971 Dodge Challenger, 472 Hemi, Sublime Green, 1:18 Scale
- P5153882AB Diecast, 1971 Dodge Challenger, 528 Hemi, Black, 1:18 Scale

Dodge Coronet (Not Shown)

- P5153777AB Diecast, 1967 Dodge Coronet, Dick Landy, 1:18 Scale
- P5153874AB Diecast, 1967 Dodge Coronet R/T, 426 Hemi, Light Yellow, 1:18 Scale
- P5153925AB Diecast, 1967 Dodge Coronet R/T, 426 Hemi, Mauve, 1:18 Scale
- P5153928AB Diecast, 1967 Dodge Coronet R/T, 426 Hemi, Silver, 1:18 Scale

Questions? Call the Mopar Direct Connection Techline at 1-888-528-HEMI (4364)
 † Not legal on pollution-controlled vehicles or vehicles registered for highway use.

MERCHANDISE

DIECAST

A. Dodge Dart

- P5155221 Diecast, 1969 Dodge Dart GTS, Gold, 1:18 Scale
- P5155218 Diecast, 1970 Dodge Dart 340 Swinger, Citron Yellow, 1:18 Scale
- P5155217 Diecast, 1970 Dodge Dart 340 Swinger, Panther Pink, 1:18 Scale
- P5155222 Diecast, 1969 Dodge Dart GTS, Light Green, 1:18 Scale
- P5153498AB Diecast, 1968 Super Stock Dodge Dart - Ron Mancini "Detroit Bee Leaver," 1:18 Scale
- P5155146 Diecast, 1970 Dodge Dart Swinger, 340, B-5 Blue, 1:18 Scale
- P5155147 Diecast, 1970 Dodge Dart Swinger, 340, Go Mango, 1:18 Scale
- P5155148 Diecast, 1970 Dodge Dart Swinger, 340, Plum Crazy, 1:18 Scale



A. P5153498AB



A. P5155146



A. P5155147



A. P5155148

B. Plymouth 'Cuda/Barracuda

- P5155143 Diecast, 1969 Plymouth Barracuda, 440, Limelight Green Metallic, 1:18 Scale
- P5155216 Diecast, 1971 Plymouth 'Cuda, Lime Green, 1:18 Scale
- P5155213 Diecast, 1971 Plymouth Hemicuda, Winchester Gray, 1:18 Scale
- P5155139 Diecast, 1968 Plymouth Barracuda, Sox & Martin 340 Drag Car, Red/White/Blue, 1:18 Scale
- P5153496AB Diecast, 1968 Super Stock Plymouth Barracuda, Arlen Vanke, 1:18 Scale
- P5153499AB Diecast, 1968 Super Stock Plymouth Barracuda, Mule Car, 1:18 Scale
- P5153927AB Diecast, 1968 Plymouth 'Cuda, 426 Hemi, Yellow, 1:18 Scale
- P5155141 Diecast, 1969 Plymouth Barracuda, 340, B-5 Blue, 1:18 Scale
- P5155142 Diecast, 1969 Plymouth Barracuda, 440, Barracuda Orange, 1:18 Scale
- P5153923AB Diecast, 1970 Plymouth 'Cuda, 472 Hemi, Gloss Black w/ Blue 472 Hockey Stick Stripe, 1:18 Scale
- P5153924AB Diecast, 1971 Plymouth 'Cuda, 528 Hemi, Gloss Black, 1:18 Scale



B. P5155139



B. P5153496AB



B. P5153497



B.

Plymouth Belvedere (Not Shown)

- P5155223 Diecast, 1965 Plymouth Belvedere Racer, 1:18 Scale
- P5155134 Diecast, 1965 Plymouth Belvedere, Ruby Red, 1:18 Scale
- P5155135 Diecast, 1965 Plymouth Belvedere, White, 1:18 Scale
- P5153833AB Diecast, 1964 Plymouth Belvedere, No. 43 Richard Petty, Interstate Motors, 426 Hemi, Petty Blue



B. P5155141



B. P5155142



A. P5153486AB



A. P5153488AB



A. P5153490AB



B. P5155136



B. P5155138



B. P5155183



C. P5155192



D. P4510853AB



D. P5153317AB



D. P5153531AB



D. P5153797AB



D. P5155153

DIECAST

A. Plymouth Duster

- P5153492AB Diecast, 1973 Duster, Don Carlton's "Mopar Missile," 1:18 Scale
- P5153488AB Diecast, 1971 Pro Stock Plymouth Duster, Bobby Yowell, 1:18 Scale
- P5153486AB Diecast, 1971 Pro Stock Plymouth Duster, Butch Leal, 1:18 Scale
- P5153490AB Diecast, 1974 Super Stock Plymouth Duster, Judy Lilly "Miss Mighty Mopar," 1:18 Scale

B. Plymouth GTX

- P5155214 Diecast, 1970 Plymouth GTX, Red, 1:18 Scale
- P5155215 Diecast, 1971 Plymouth GTX, Dark Green, 1:18 Scale
- P5155136 Diecast, 1967 Plymouth GTX, Black, 1:18 Scale
- P5155137 Diecast, 1967 Plymouth GTX, Blue, 1:18 Scale
- P5155138 Diecast, 1967 Plymouth GTX, White, 1:18 Scale
- P5155183 Diecast, 1970 Plymouth GTX, Hemi Orange, 1:18 Scale

C. Plymouth Road Runner

- P5153951AB Diecast, 1968 Plymouth Road Runner, No. 43 Richard Petty, 426 Hemi, Petty Blue w/ Black Vinyl Top, 1:18 Scale
- P5153883AB Diecast, 1968 Plymouth Road Runner, No. 43 Richard Petty, Unity raceway, 426 Hemi, Petty Blue, 1:18 Scale
- P5155192 Diecast, 1970 Plymouth Hemi Road Runner Convertible, B-5 Blue With White Top, 1:18 Scale

D. Team Mopar

- P5153317AB Diecast, 2004 NASCAR Dodge Intrepid, No. 9 Kasey Kahne, 1:24 Scale
- P4510853AB Diecast, 2004 NHRA Dodge Stratus Funny Car, Gary Scelzi, 1:16 Scale
- P5153531AB Diecast, 2005 World of Outlaws Sprint Car, No. 20 Danny Lasoski, 1:24 Scale
- P5153736AC Diecast, 2006 NHRA Dodge Stratus Pro Stock, Direct Connection, 1:24 Scale
- P5153797AB Diecast, 2006 NHRA Dodge Stratus Pro Stock, Sox & Martin, 1:24 Scale
- P5155153 Diecast, 2007 Kasey Kahne, NASCAR #9, With Mopar Paint Scheme, 1:24 Scale
- P5155025AB Diecast, 2007 Kasey Kahne, Prelude to a Dream Late Model, 1:24 Scale
- P5153729AC Diecast, Direct Connection Truck and Trailer, 1:64 Scale

Questions? Call the Mopar Direct Connection Techline at 1-888-528-HEMI (4364)
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MERCHANDISE

DIECAST

A. Wing Cars

- P5153506AB Diecast, 1969 Dodge Daytona, No. 3 Don White, 1:18 Scale
- P5153503AB Diecast, 1969 Dodge Daytona, No. 99, Charlie Glotzbach, 1:18 Scale
- P5153508AB Diecast, 1970 Plymouth Superbird, No. 1 Roger McClusky, 1:18 Scale
- P5153509AB Diecast, 1970 Plymouth Superbird, No. 2 Norm Nelson, 1:18 Scale
- P5153504AB Diecast, 1970 Plymouth Superbird, No. 40 Pete Hamilton, 1:18 Scale
- P5153507AB Diecast, 1970 Plymouth Superbird, No. 5 Bobby Unser, 1:18 Scale
- P5153510AB Diecast, 1970 Plymouth Superbird, No. 7 Ramo Stott, 1:18 Scale
- P5153832AB Diecast, 1970 Plymouth Superbird, No. 43 Richard Petty, Marc Times Racing, 426 Hemi, Petty Blue
- P5153831AB Diecast, 1970 Plymouth Superbird, No. 43 Richard Petty, Southern Chrysler Plymouth, 426 Hemi, Petty Blue
- P5155029AB Diecast, 1970 Plymouth Superbird, Mr. 5 & 50, Jack Werst, 1:18 Scale
- P5155030AB Diecast, 1970 Plymouth Superbird, Sox & Martin C/MP, Herb McCandless, 1:18 Scale



A. P5153506AB



A. P5153502



A. P5153500



A. P5153505AB



A. P5153503AB



A. P5153508AB



A. P5153509AB



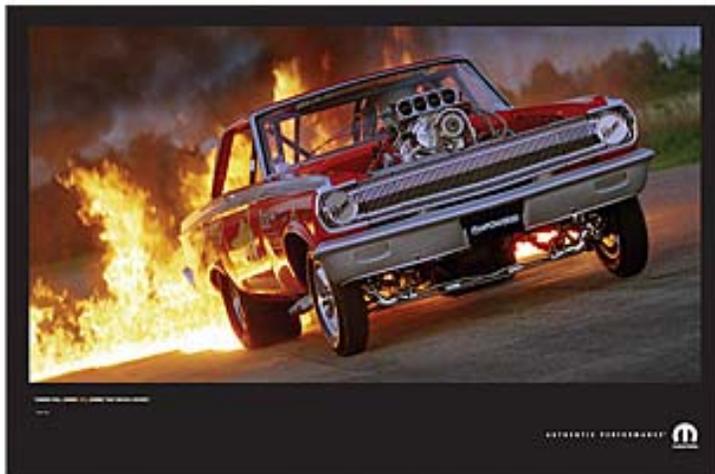
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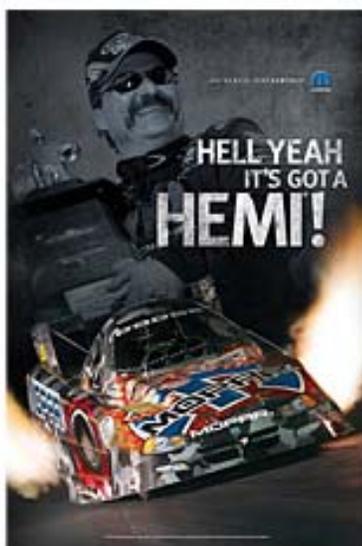
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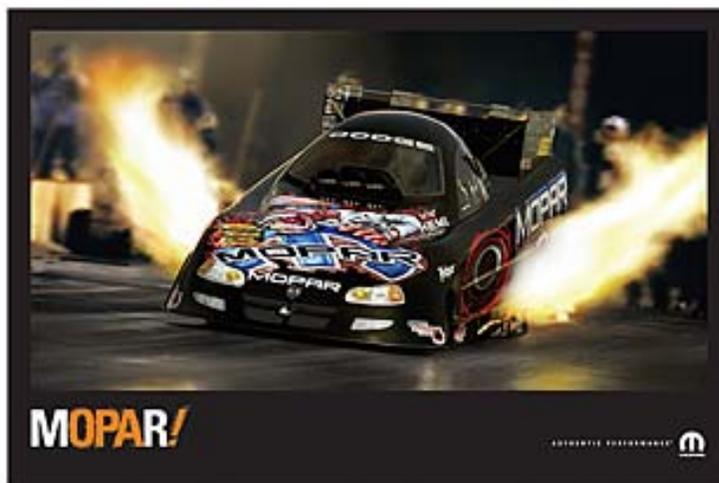
A. P5153510AB



A. P5153656



B. P5153658



C. P5153657

WEARABLES

T-Shirts, Super Stock Shoot Out (Not Shown)

- P5155020 T-Shirt, Chrysler Parts, Black, S
- P5153973 T-Shirt, Direct Connection, Black, S
- P5153963 T-Shirt, Forward Look, Grey, S
- P5153810 T-Shirt, Hemi Shoot Out, Black, S
- P5153968 T-Shirt, Hustle Stuff, Black, S
- P5153978 T-Shirt, Mopar / Hemi, Black, S
- P5155021 T-Shirt, Chrysler Parts, Black, M
- P5153974 T-Shirt, Direct Connection, Black, M
- P5153964 T-Shirt, Forward Look, Grey, M
- P5153811 T-Shirt, Hemi Shoot Out, Black, M
- P5153969 T-Shirt, Hustle Stuff, Black, M
- P5153979 T-Shirt, Mopar / Hemi, Black, M
- P5153804 T-Shirt, Super Stock Shoot Out, Black, S
- P5155022 T-Shirt, Chrysler Parts, Black, L
- P5153975 T-Shirt, Direct Connection, Black, L
- P5153965 T-Shirt, Forward Look, Grey, L
- P5153812 T-Shirt, Hemi Shoot Out, Black, L
- P5153970 T-Shirt, Hustle Stuff, Black, L
- P5153980 T-Shirt, Mopar / Hemi, Black, L
- P5153805 T-Shirt, Super Stock Shoot Out, Black, L
- P5155023 T-Shirt, Chrysler Parts, Black, XL
- P5153976 T-Shirt, Direct Connection, Black, XL
- P5153966 T-Shirt, Forward Look, Grey, LX
- P5153813 T-Shirt, Hemi Shoot Out, Black, XL
- P5153971 T-Shirt, Hustle Stuff, Black, XL
- P5153981 T-Shirt, Mopar / Hemi, Black, XL
- P5153806 T-Shirt, Super Stock Shoot Out, Black, XL
- P5155024 T-Shirt, Chrysler Parts, Black, XX
- P5153977 T-Shirt, Direct Connection, Black, XX
- P5153967 T-Shirt, Forward Look, Grey, XX
- P5153814 T-Shirt, Hemi Shoot Out, Black, XX
- P5153972 T-Shirt, Hustle Stuff, Black, XX
- P5153982 T-Shirt, Mopar / Hemi, Black, XX
- P5153807 T-Shirt, Super Stock Shoot Out, Black, XX
- P5153815 T-Shirt, Hemi Shoot Out, Black, XXX
- P5153808 T-Shirt, Super Stock Shoot Out, Black, XXX

Hats (Not Shown)

- P5153819 Hat, Direct Connection

POSTERS

A. Mopar "Fire" Poster

- P5153656 Poster, Mopar "Fire", 36" x 24"

B. Mopar "Hell Yeah!" Poster

- P5153658 Poster, Mopar "Hell Yeah!", 36" x 24"

C. Mopar "OPA!" Poster

- P5153657 Poster, Mopar "OPA!", 36" x 24"

Questions? Call the Mopar Direct Connection Techline at 1-888-528-HEMI (4364)
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MERCHANDISE

BOOKS

A. Chassis

P5007160AB Chassis- This speed secrets and performance book is a complete collection of DaimlerChrysler chassis engineering information for Chrysler-Plymouth-Dodge rear-wheel-drive racing cars. Contains information on performance strategies, engine swaps, automatic transmissions and torque converters, manual transmissions and clutches, driveshafts and rear axles, front and rear suspension, steering and handling, brakes, shocks, wheels and tires, bodies, chassis and roll cages, Mopar Street Rods and Street Machines and more. (448 pages)

Chrysler (Not Shown)

P5007461AB CHRYSLER, A full-color history of Chrysler Corporation from 1925 to present, including Chrysler, Dodge, DeSoto, Plymouth and Imperial brands. Copyright 2000 by Motorbooks International (192 pages)

P5249651AB CHRYSLER 300- The complete history of the Chrysler 300. From C-300 to 300L, this story covers "America's Most Powerful Car" from 1955-1961. Copyright Veloce Publishing (156 pages)

Databooks (Not Shown)

P5155046 Book, A Serial Number Guide to the Factory Built 1962-1965 Plymouth and Dodge Vehicles Built with the 413-426 CID Maximum Performance Engine

P5155051 The 1962 Dodge Ram Charger Guide, Dodge 413, By Darrell Davis

P5155055 The complete Guide to The 1962 Plymouth 413 Super Stock Package By Darrell Davis

P5155052 The 1963 Dodge Ram Charger Guide, Dodge 426, By Darrell Davis

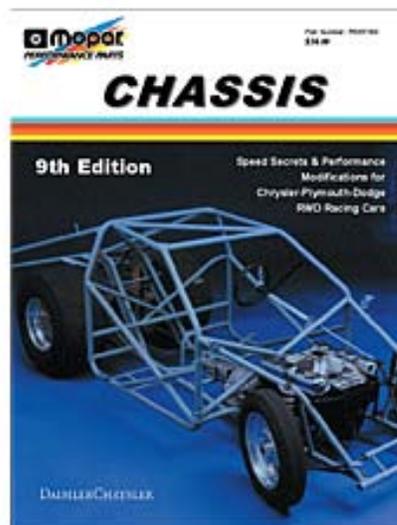
P5155056 The 1963 Plymouth 426 Super Stock Guide By Darrell Davis

P5155053 The 1964 Dodge Ram Charger and Hemi Charger Guide, Dodge 426, By Darrell Davis

P5155058 The complete Guide to The 1964 Plymouth Super Stock and Super Commando Package By Darrell Davis

P5155054 The 1965 Dodge Hemi Charger Guide, Dodge 426, By Darrell Davis

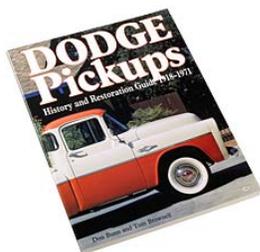
P5155059 The 1965 Plymouth Super Commando 426 Guide By Darrell Davis



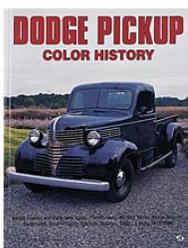
A. P5007160AB

BOOKS

A. Dodge



A. P5249655AB



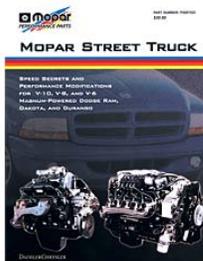
A. P5007518AB

P5249655AB DODGE Pickups- History and Restoration Guide 1918-1971. One of the most complete and detailed books covering the history of Dodge trucks. This publication is filled with photos from past- including Pickups, Panels, Stakes, Canopies, Screens, Suburbans, Power-Wagons, Route-Vans, Sweptsides, Town Panels, Town Wagons, Custom Sports Specials, Vans, Compact Pickups, Campers, and Adventurers. MBI Publishing (224 pages)

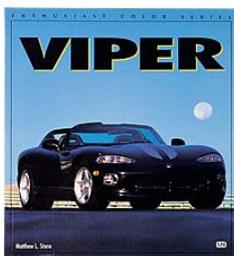
P5007690AC Dodge Pickup Trucks- Part of the Enthusiast Color Series from Motorboks International, this book covers many of the Ram trucks build from early Power Wagons of the 40's through the Dakotas and Durangos of the late 1990's (96 pages)

P5007518AB Dodge Pickup Color History -A full-color history of the Dodge Pickup. Covers 1916 to 1966 models. Copyright Motorbooks International (128 pages)

P5007519AB Viper- The legendary Dodge Viper comes alive in this full-color book about America's sports car. A photo gallery of this fantastic car includes the RT/10 coupe and GTS-R models, plus model history and evolution. Also included are aftermarket tuner specials, specifications, technical notes and insight into Viper prototypes. Copyright Motorsports International (96 pages).

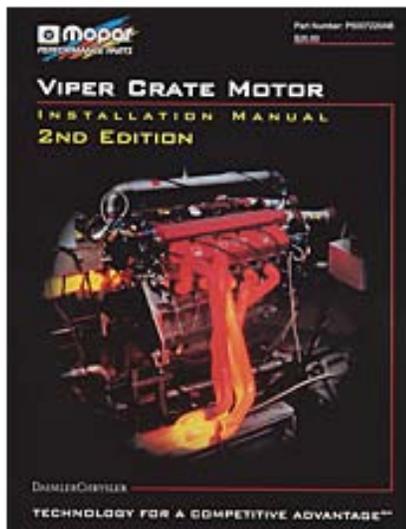


A. P5007522



A. P5007519AB

P5007220AC Viper Crate Motor Installation Manual (2nd Edition)- A must-read for anyone who wants to install a Viper V10 aluminum crate motor into a hot rod or street rod chassis. Includes detailed package drawings showing engine and transmission mounting points, overall dimensions, critical clearances, etc., as well as important information on the following systems: fuel delivery, fuel injection, electrical, intake, exhaust, cooling and oiling.



A. P5007220AC

MERCHANDISE

BOOKS

A. Engines

P4876824AB Book, Hemi Engines

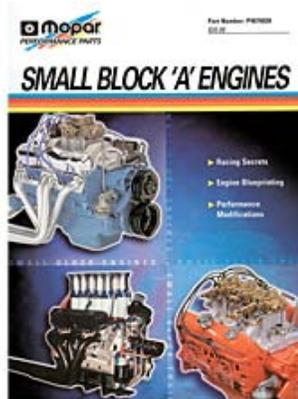
P4876827AB Six Cylinder Engines- If you own a 1986-91, 3.9L V6 engine or any 170-198-225 Slant Six engine, you'll want to get this speed secrets and racing modifications book from Mopar Performance. It also includes chapters on 3.0L and 3.3L/3.8L V6 engines, as well as our new family of 2.7L, 3.2L, and 3.5L aluminum V6 engines. This book is packed full of six-cylinder-only information, and is highlighted with hundreds of photos and illustrations. Includes horsepower tips, engine blueprinting procedures, performance modifications and racing secrets from our factory engineers and racers. (344 pages)

P4876826AB Mopar Small Block "A" Engines- This book from Mopar Performance contains Small Block engine speed secrets and performance modifications, and is highlighted with hundreds of photos, illustrations, tables and charts. Covers 273-318 and 340-360 "A" engines and Old Style 277-301-2 318 "A" engines. Also includes information on blueprinting, carburetion, ignition systems, oval track and drag racing package recommendations and more! The most comprehensive book ever published on Chrysler Small Block engines. A must for every Small Block owner/racer. (400 pages)

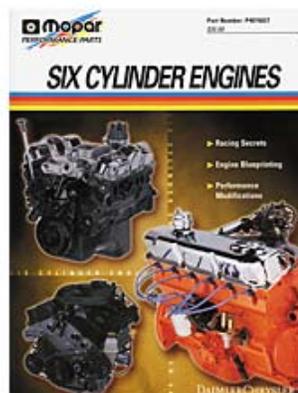
P5153775 How to Build Big-Inch Mopar Small Blocks- If you want to make big power from your Mopar small-block, this is the book for you. Covering six complete big-inch engine packages for LA 318/340/360 (1964-1992) AND Magnum 5.2L/5.9L (1992-2003), each detailed chapter gives technical advice on what parts work best, so you'll get serious power from your completed project. Blocks, cranks, heads, cams, induction systems and more are included. Appendices address stroker kits and offer a source guide and an engine build sheet. Copyright 2005 by CarTech, Inc. (144 pages)

P5153881 How to Build High Performance Chrysler Engines- For street, strip, and off-road applications, this book includes information on building stroker engines, Mopar's crate engines, Magnum small blocks, cylinder head modifications, camshafts and valvetrain, and Hemi Mountain Motors. CarTech Books, (144 pgs.)

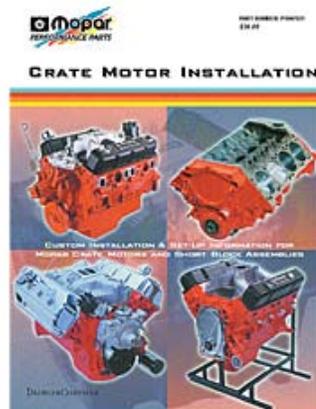
P5007521AB Mopar Crate Motor Installation Manual- This book is for anyone wanting to install a Mopar Performance crate engine or short block assembly into their street rod/street machine, muscle car, race car, truck, etc. Information includes custom installation and setup information for Magnum, Big Block Wedge, and Hemi crate engines, as well as our Pre-Magnum and Magnum Short Block engine assemblies. Additional information on safety modifications and crate engine functionality is also included, along with a detailed 426 Hemi crate engine Dakota case study. Hundreds of photos and illustrations. All the information you need to do the project right, straight from the source. (248 pages)



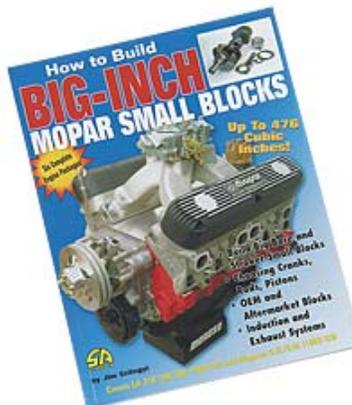
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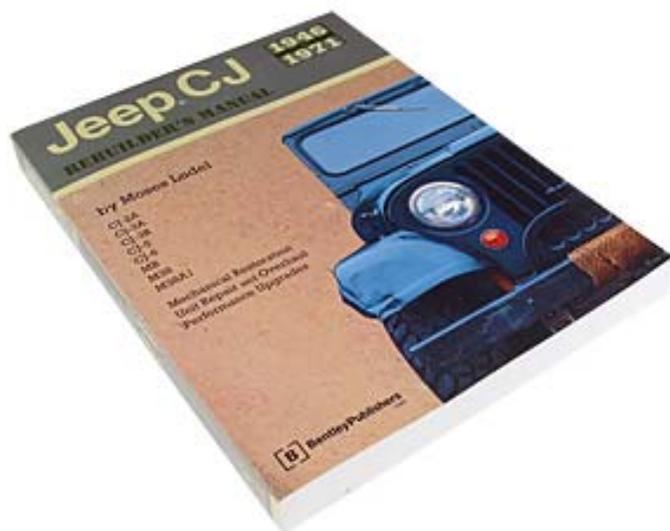
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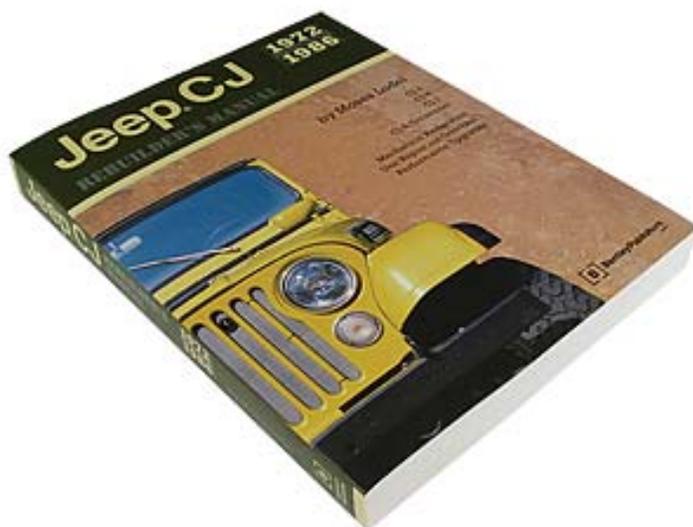
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BOOKS

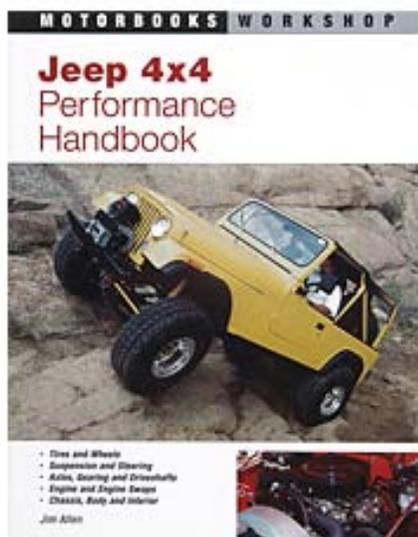
A. Jeep



A. P4510077AB



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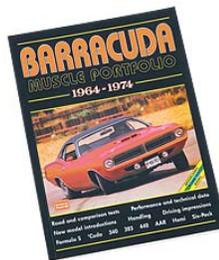
- P5153879 Book, High Performance Jeep Wrangler TJ Builder's Guide, 1997-2006
- P4510077AB Jeep® CJ: 1946-1971- By Moses Ludel. From engine rebuilds and transmission swaps to accessories and safety equipment, this book includes step-by-step instructions on how to disassemble, update, and reassemble your 1946-71 Jeep® CJ. Each step of each process has been photo-graphed and outlined in great detail. Copyright 2003 by Bentley Publishers (562 pages)
- P4510078AB Jeep® CJ: 1972-1986 - By Moses Ludel. Using a pictorial step-by-step format, this book meticulously outlines the disassembly, repair, and reassembly of the 1972-86 Jeep® CJ. Installation procedures for performance upgrades and trail-ready accessories are also included. Copyright 2003 by Bentley Publishers (604 pages)
- P5153769AB Jeep® 4x4 Performance Handbook- The key to building the Jeep of your dreams lies in carefully determining what you need. For true gearheads and tinkers alike, this book is described by the author as not a "How-To" book, but a "How-To-Know-What-To" book. Applicable to all Jeep vehicles, it offers fresh ideas the reader can apply to nearly any 4 x 4. High-quality black and white product photos illustrate options. Not for beginners or engineers, this book assumes some basic technical knowledge, focuses on modifications for off-road driving, addresses hop-ups suitable for improved street performance, and covers all aspects of the Jeep from bumper to bumper. Copyright 1998 by Motorbooks (192 pages)
- P5153878 High Performance Jeep Cherokee XJ Builder's Guide, 1984-2001- This book is covers the modifications necessary to turn a stock Jeep Cherokee XJ into a trail-worthy rig for the mountains, desert, mud, street, and everywhere in between. CarTech Books (144 pgs.)

MERCHANDISE

BOOKS

A. Muscle, Challenger and 'Cuda

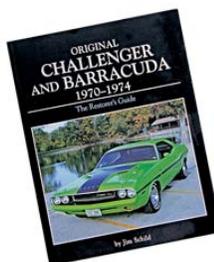
- P5249585AB Book, 2.2/2.5L FWD, 4th Edition
- P5153817AB Book, Mopar Restoration
- P4876667AB Book, Neon Engine & Chassis Manual and Tips, First Edition
- P5153761 Barracuda 1964-1974 - This offering from Brooklands Road Test Books is not only an economical reference source, but a great way to get a nice summary of the road tests and comparisons of nearly every Barracuda built. Filled with black and white photographs, the compilation of articles relating to the 1964-1974 Plymouth Barracuda is gleaned from magazines of the day, such as Car Life, Road & Track, Motor Trend, Car Craft and Car and Driver. Covers performance and technical data, new model instructions, driving impressions and handling, and special interest autos. (140 pages)
- P5153766 Challenger & 'Cuda- More than 200 color photos enhance this well-written, entertaining and accurate story of the development and evolution of the Dodge Challenger and Plymouth 'Cuda. Surely a "must-have" for any muscle car lover. From its focus on the series heyday in the early 1970s, see how Chrysler became a true player in the E-body pony-car market. Copyright 2005 by Motorbooks (192 pages)
- P5153764 Original Challenger and Barracuda- Here, explained in detail, is everything you need to know about each Challenger and Barracuda model as it appeared off the factory line in the early 1970s. Broadcast sheets, ID plates, original price lists, color schemes, accessories, options, engine types and more data and facts to satisfy the purist, along with mechanical details. More than 200 full-color, close-up photos bring back to life these muscle cars that were built for nothing more than speed, power and performance. For the serious collector, restorer or enthusiast. Copyright 2003 by Motorbooks (128 pages)
- P5153768 Challenger & Barracuda- Detailed text, black and white photographs and charts cover everything from decoding VIN codes and fender tags, to the individual options that Chrysler offered each year; this volume covers all the information you'll need to revive the muscular good looks and horsepower of your E-body to show-winning perfection. Copyright 1997 by Motorbooks International (272 pages)
- P5153771 Dodge Challenger & Plymouth Barracuda- Long live Mopar! A dynamic and colorful profile of Chrysler's A- and E-bodied muscle cars, this book is filled cover-to-cover with design, testing, development and production history and full-color photographs of some of the most exciting pony cars of the era. All the various engine, drivetrain, and package options are detailed. Copyright 2000 by Motorbooks (96 pages)
- P5249647AB Barracuda & Challenger (Muscle Car Color History Series)- Color history of the great Plymouth and Dodge E-body muscle cars of 1964-74. Copyright 1991 by Motorbooks International (128 pages)
- P5007691AC Dodge Dart & Plymouth Duster- Although they started their lives as rather innocuous economy cars, the Dodge Dart and Valiant-based Plymouth Duster grew into their own as true high-performance muscle cars; the transformation took place in 1967, when Mopar shoehorned in a Big Block 383-cubic-inch V8. There was no logical reason for this much power in an economy car other than the fact that horsepower fever had officially taken over Detroit. That's reason enough. This book chronicles the life and times of these classic Mopar muscle cars. Copyright 2000 Motorbooks International (128 pages)



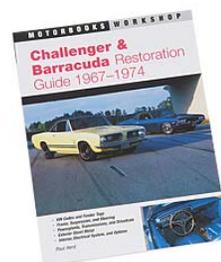
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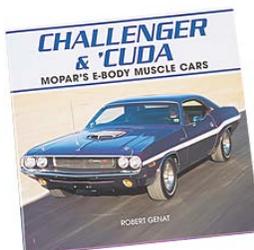
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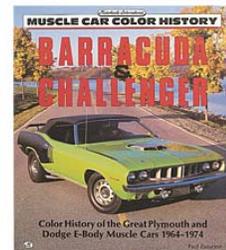
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A. P5153768



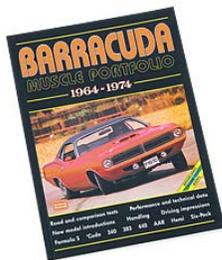
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BOOKS

A. Muscle, Challenger and 'Cuda



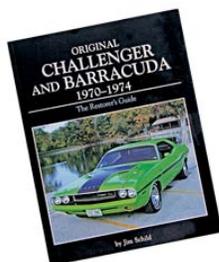
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A. P5153766

P5153763 Original Dodge & Plymouth- From high-performance, to economy, to luxurious, the popularity of the B-body Dodge and Plymouth vehicles of the 1966-1970 model years were available in a full range of engines, equipment and options. This guide provides detailed information on each, along with full-color photos, explanations of VIN codes, body code plates, color schemes, sheet metal and trim, and much more. Includes profiles on special editions featuring wild colors and unique bodywork. Copyright 2004 by Motorbooks International (128 pages)

P5153762 Maximum Performance- From the publisher of The Auto Review comes a profile of Mopar cars like no other. Jim Schild recounts Chrysler's glory days and details the complete evolution of Mopar drag racing, through historical photos, technical specs, and background information gleaned from his 40 years of involvement with Chrysler performance cars. Copyright 2006 by Motorbooks (160 pages)

P5153334AB Six Pack- Often lost in the shadow of larger performance Hemis, the powerful Mopar 6-bbl engines, or Six-Packs, were an important niche in the Chrysler product strategy in the muscle car era. Originally, the term was used to describe the 1969-1971 Dodge 340 and 440 engines with three Holley 2-bbl carburetors. The creation of this option not only offered affordable performance and power to the masses, but they were hot-looking packages with plenty of punch, this book provides a wealth of information about some of the most outrageous and arguably quickest machines to ever come out of Detroit. Generously illustrated with 200 color and 100 black and white photographs. Copyright 2004 by S-A Design (144 pages)

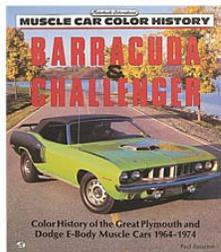
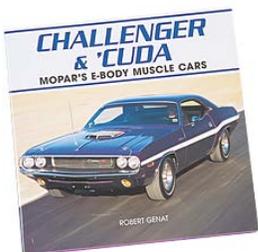


A. P5153764

A. P5153768

P5249648AC Charger, Road Runner & Super Bee, Musclicar Color History- A color history of the great Dodge and Plymouth B-Body muscle cars from 1966-1979. MBI Publishing (128 pgs.)

P5153773 AMC Muscle Cars- An essential part of any AMC or muscle car enthusiasts' collection, this book is chock full of good information gathered by the founder of AMC World Clubs, Inc. From its performance roots to its demise, AMC created some of the most memorable, inspirational, and exciting cars the world has ever seen. The company was able to introduce numerous innovations to compete with the giants of the industry, including aerodynamic body design, space efficient interiors, aircraft style doors, and a large greenhouse for visibility. This book covers the many AMC muscle cars, including custom-built creations in detail, as well as the boardroom battles, styling experiments, and challenges and triumphs woven into the carmaker's fascinating history. Fresh text, vintage ads and literature are accompanied by 80 color and 40 black and white photographs. Copyright 2000 by MBI Publishing Company (128 pages)

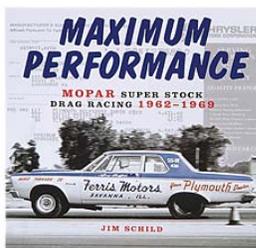


A. P5153771

A. P5249647AB

BOOKS

A. Muscle, Reference

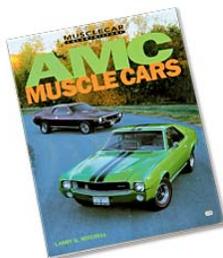
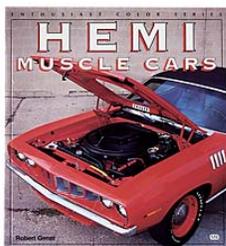


A. P5153762

A. P5153334AB

P5153762 Maximum Performance- From the publisher of The Auto Review comes a profile of Mopar cars like no other. Jim Schild recounts Chrysler's glory days and details the complete evolution of Mopar drag racing, through historical photos, technical specs, and background information gleaned from his 40 years of involvement with Chrysler performance cars. Copyright 2006 by Motorbooks (160 pages)

P5153334AB Six Pack- Often lost in the shadow of larger performance Hemis, the powerful Mopar 6-bbl engines, or Six-Packs, were an important niche in the Chrysler product strategy in the muscle car era. Originally, the term was used to describe the 1969-1971 Dodge 340 and 440 engines with three Holley 2-bbl carburetors. The creation of this option not only offered affordable performance and power to the masses, but they were hot-looking packages with plenty of punch, this book provides a wealth of information about some of the most outrageous and arguably quickest machines to ever come out of Detroit. Generously illustrated with 200 color and 100 black and white photographs. Copyright 2004 by S-A Design (144 pages)

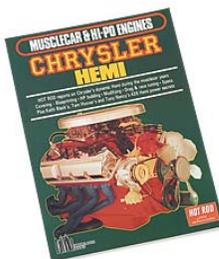
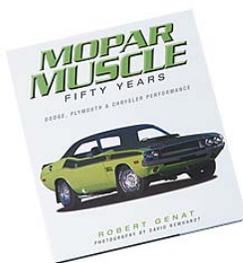


A.

A. P5153773

P5007516AC Hemi® Muscle Cars - A colorful history of Dodge and Plymouth Hemi production cars. Printed in full color. Copyright 1999 by Motorbooks International (96 pages)

P5153773 AMC Muscle Cars- An essential part of any AMC or muscle car enthusiasts' collection, this book is chock full of good information gathered by the founder of AMC World Clubs, Inc. From its performance roots to its demise, AMC created some of the most memorable, inspirational, and exciting cars the world has ever seen. The company was able to introduce numerous innovations to compete with the giants of the industry, including aerodynamic body design, space efficient interiors, aircraft style doors, and a large greenhouse for visibility. This book covers the many AMC muscle cars, including custom-built creations in detail, as well as the boardroom battles, styling experiments, and challenges and triumphs woven into the carmaker's fascinating history. Fresh text, vintage ads and literature are accompanied by 80 color and 40 black and white photographs. Copyright 2000 by MBI Publishing Company (128 pages)



A. P5153774

A. P5153760

P5153774 Mopar Muscle 50 Years- In 1955, when Chrysler introduced the Hemi engine to the first of its 300 "letter series" performance cars, the public witnessed a phenomenon known as the birth of the American muscle car. The '60s saw production of the Charger, Hemi Cuda, Road Runner, Superbird and Challenger T/A - the cars that defined the muscle car era. Award-winning author Genat is one of the world's foremost experts on Mopar muscle cars. Here he chronicles a time span that has evolved from two-and-one-half ton behemoths powered by fire-breathing Hemi V8s, to Chrysler's newest Hemi-powered performance cars such as the Chrysler Crossfire and 300C, and the Dodge Viper and Magnum R/T. Full-color photography on every page is so stunning, the vehicles have been described as "sculpture on wheels." Copyright 2005 by Motorbooks International (352 pages)

MERCHANDISE

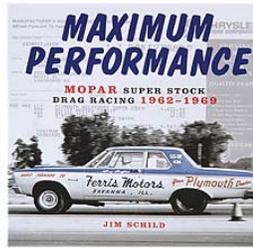
BOOKS

A. Muscle, Reference

P5153760 Chrysler Hemi Muscle Car & Hi-PO Engines-From the pages of Hot Rod magazine come bolt-ons, tuning tips, and power secrets for the fabulous muscle engines of the 1960s and 70s. More than 20 reprinted articles, each filled with great tips, to hype your horsepower for street or strip. See what the muscle craze was all about, as only Hot Rod can tell it. (100 pgs.)

P5153765 Chrysler Muscle Cars, The Ultimate Guide- The secondary title of this book says it all: here's everything you need to know about every Mopar ever built. Through interviews, data and photographs, readers travel back to the birth of the muscle car and discover complete coverage of the biggest, boldest, brightest and now most valuable cars of the era. More than 300 spectacular color photos for easy identification, and detailed specifications and collector pricing information aid collectors and enthusiasts in researching Chrysler muscle cars that captured the attention of car enthusiasts years ago and continues to this day! Copyright 2006 by Krause Publications (224 pages)

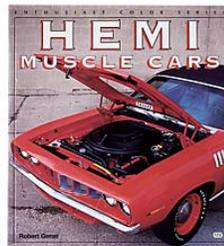
P5007517AC Chrysler, Dodge & Plymouth Muscle- The exciting history of Dodge, Plymouth and Chrysler muscle cars in color. Copyright 1999 by Motorbooks International (192 pages)



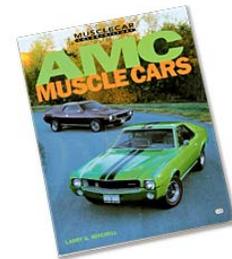
A. P5153762



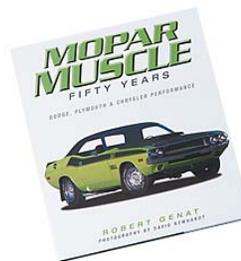
A. P5153334AB



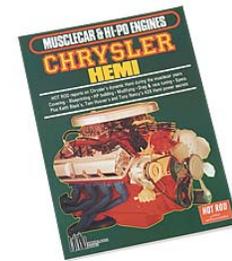
A.



A. P5153773



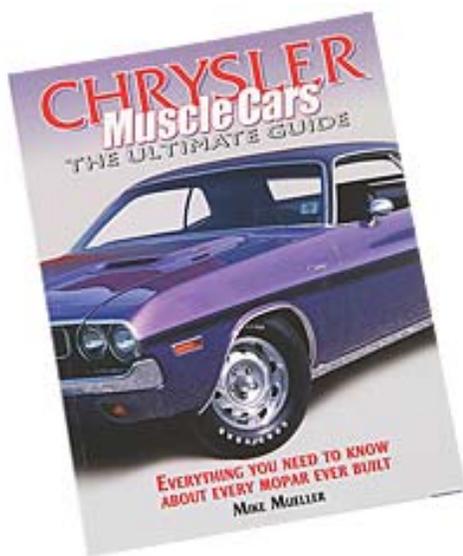
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A. P5153760

BOOKS

A. Muscle, Reference (Cont)



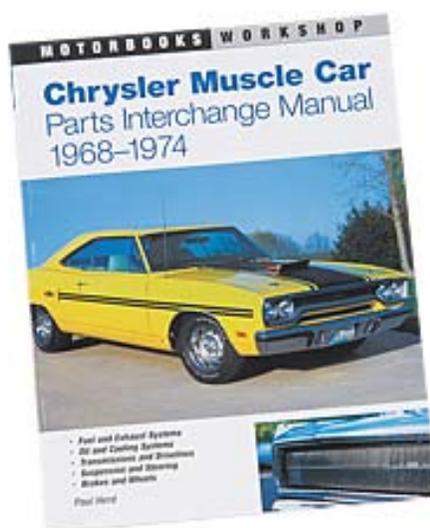
A. P5153765

P5153760 Chrysler Hemi Muscle Car & Hi-PO Engines-From the pages of Hot Rod magazine come bolt-ons, tuning tips, and power secrets for the fabulous muscle engines of the 1960s and 70s. More than 20 reprinted articles, each filled with great tips, to hype your horsepower for street or strip. See what the muscle craze was all about, as only Hot Rod can tell it. (100 pgs.)

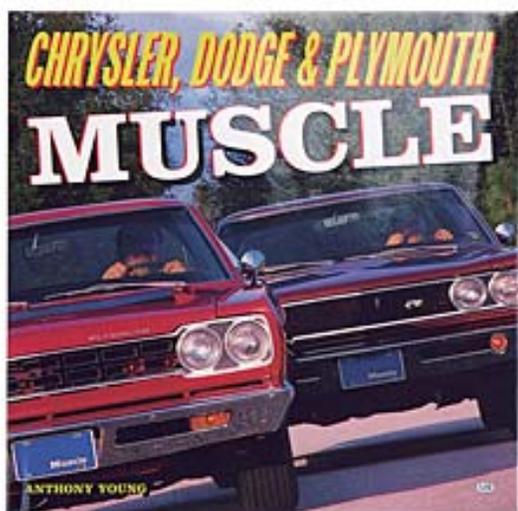
P5153765 Chrysler Muscle Cars, The Ultimate Guide- The secondary title of this book says it all: here's everything you need to know about every Mopar ever built. Through interviews, data and photographs, readers travel back to the birth of the muscle car and discover complete coverage of the biggest, boldest, brightest and now most valuable cars of the era. More than 300 spectacular color photos for easy identification, and detailed specifications and collector pricing information aid collectors and enthusiasts in researching Chrysler muscle cars that captured the attention of car enthusiasts years ago and continues to this day! Copyright 2006 by Krause Publications (224 pages)

P5153767 Chrysler Muscle Cars- Motorbooks Workshop helps to identify all the Chrysler Corporation parts that will fit your high-performance muscle machine. From small-block Dusters, to big-block Road Runners and Hemi 'Cudas, it covers engines, fuel and exhaust systems, oil and cooling systems, transmissions and drivelines, suspension and steering, brakes, electrical, sheet metal, interior instrument panels, wheels and more, so you can pool your resources and save money. A superb reference for restorers. Copyright 1997 by Motorbooks (192 pages)

P5007517AC Chrysler, Dodge & Plymouth Muscle- The exciting history of Dodge, Plymouth and Chrysler muscle cars in color. Copyright 1999 by Motorbooks International (192 pages)



A. P5153767



A. P5007517AC

Questions? Call the Mopar Direct Connection Techline at 1-888-528-HEMI (4364)

¹ Not legal on pollution-controlled vehicles or vehicles registered for highway use.

MERCHANDISE

BOOKS

A. Muscle, Dodge & Plymouth

P5007691AC Dodge Dart & Plymouth Duster- Although they started their lives as rather innocuous economy cars, the Dodge Dart and Valiant-based Plymouth Duster grew into their own as true high-performance muscle cars. The transformation took place in 1967, when Mopar shoehorned in a Big Block 383-cubic-inch V8. There was no logical reason for this much power in an economy car other than the fact that horsepower fever had officially taken over Detroit. That's reason enough. This book chronicles the life and times of these classic Mopar muscle cars. Copyright 2000 Motorbooks International (128 pages)

P5153763 Original Dodge & Plymouth- From high-performance, to economy, to luxurious, the popularity of the B-body Dodge and Plymouth vehicles of the 1966-1970 model years were available in a full range of engines, equipment and options. This guide provides detailed information on each, along with full-color photos, explanations of VIN codes, body code plates, color schemes, sheet metal and trim, and much more. Includes profiles on special editions featuring wild colors and unique bodywork. Copyright 2004 by Motorbooks International (128 pages)

P5249648AC Charger, Road Runner & Super Bee, Musclegar Color History- A color history of the great Dodge and Plymouth B-Body muscle cars from 1966-1979. MBI Publishing (128 pgs.)

B. Plymouth

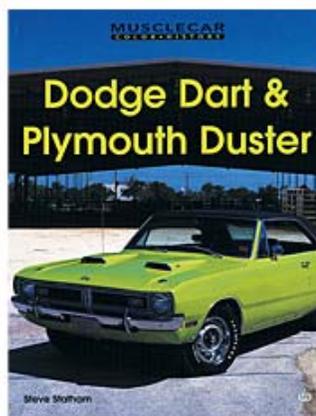
P5249652AB Plymouth 1946-1959 - Everything muscle car fans need to know about these vehicles. (160 pages)

SERVICE MANUALS ON DISK

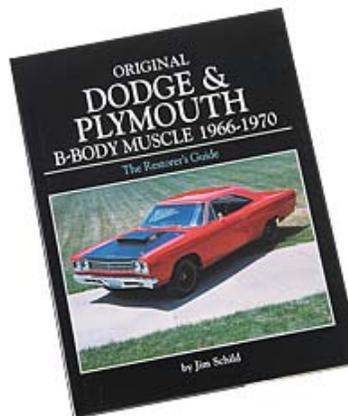
Servicing your vintage Mopar or cooking up and researching part numbers just got a lot easier. Easy to read, these CD-ROMs offer an alternative to scrounging swap meets for those hard-to-find manuals or catalogs.

Master Parts Book (Not Shown)

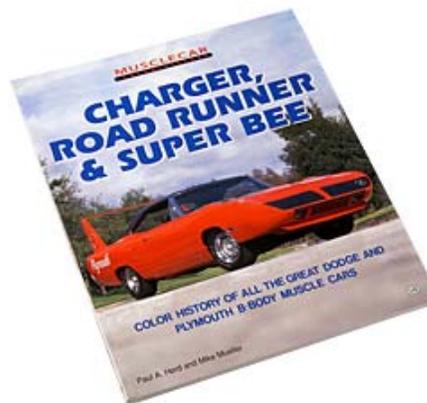
- P4510796AB** Master Parts Book, 1962 Chrysler/Dodge/Plymouth
- P4510797AB** Master Parts Book, 1963 Chrysler/Dodge/Plymouth
- P4510798AB** Master Parts Book, 1964 Chrysler/Dodge/Plymouth
- P4510799AB** Master Parts Book, 1965 Chrysler/Dodge/Plymouth
- P4510800AB** Master Parts Book, 1966 Chrysler/Dodge/Plymouth
- P4510801AB** Master Parts Book, 1967 Chrysler/Dodge/Plymouth
- P4510802AB** Master Parts Book, 1968 Chrysler/Dodge/Plymouth
- P4510803AB** Master Parts Book, 1969 Chrysler/Dodge/Plymouth, Includes Trim Section
- P4510805AB** Master Parts Book, 1970-71 Chrysler/Dodge/Plymouth Passenger, Enhanced Trim Section
- P4510806AB** Master parts Book, 1972 Chrysler/Dodge/Plymouth
- P4510807AB** Master Parts Book, 1973 Chrysler/Dodge/Plymouth
- P4510808AB** Master Parts Book, 1974 Chrysler/Dodge/Plymouth



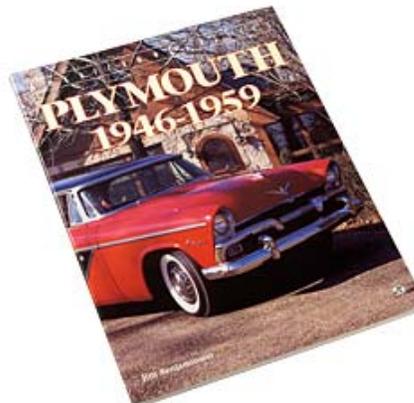
A. P5007691AC



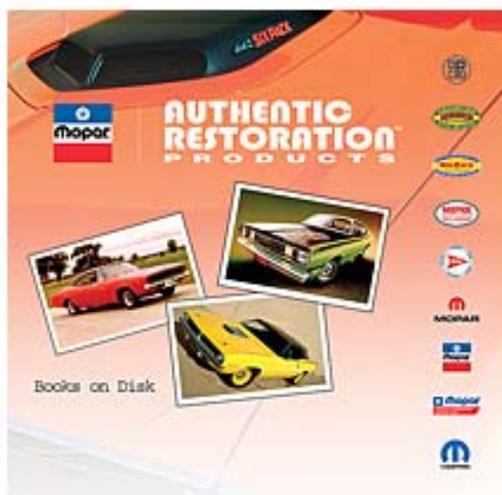
A. P5153763



A. P5249648AC



B. P5249652AB



A/B/C.

SERVICE MANUALS ON DISK

A. Service Manuals, Dodge

- P4510761AB Service Manual, 1962 Dodge
- P4510762AB Service Manual, 1963 Dodge
- P4510763AB Service Manual, 1964 Dodge
- P4510764AB Service Manual, 1965 Dodge
- P4510765AB Service Manual, 1966 Dodge
- P4510766AB Service Manual, 1967 Dodge
- P4510767AB Service Manual, 1968 Dodge
- P4510768AB Service Manual, 1969 Dodge
- P4510769AB Service Manual, 1970 Dodge Coronet/Super Bee
- P4510770AB Service Manual, 1970 Dodge Dart/Swinger/Challenger

B. Service Manuals - Body

- P4510788AB Service Manual, Body, 1971
Chrysler/Plymouth/Imperial
- P4510771AB Service Manual, Body, 1971 Dodge
- P4510790AB Service Manual, Body, 1972
Chrysler/Plymouth/Imperial
- P4510773AB Service Manual, Body, 1972 Dodge
- P4510792AB Service Manual, Body, 1973
Chrysler/Plymouth/Imperial
- P4510775AB Service Manual, Body, 1973 Dodge
- P4510794AB Service Manual, Body, 1974
Chrysler/Plymouth/Imperial
- P4510777AB Service Manual, Body, 1974 Dodge

C. Service Manuals - Chassis

- P4510789AB Service Manual, Chassis, 1971
Chrysler/Plymouth/Imperial
- P4510772AB Service Manual, Chassis, 1971 Dodge
- P4510791AB Service Manual, Chassis, 1972
Chrysler/Plymouth/Imperial
- P4510774AB Service Manual, Chassis, 1972 Dodge
- P4510793AB Service Manual, Chassis, 1973
Chrysler/Plymouth/Imperial
- P4510776AB Service Manual, Chassis, 1973 Dodge
- P4510795AB Service Manual, Chassis, 1974
Chrysler/Plymouth/Imperial
- P4510778AB Service Manual, Chassis, 1974 Dodge

D. Service Manuals, Plymouth

- P4510779AB Service Manual, 1962 Plymouth
- P4510780AB Service Manual, 1963 Plymouth
- P4510781AB Service Manual, 1964 Plymouth
- P4510782AB Service Manual, 1965 Plymouth
- P4510783AB Service Manual, 1966 Plymouth
- P4510784AB Service Manual, 1967 Plymouth
- P4510785AB Service Manual, 1968 Plymouth
- P4510787AB Service Manual, 1970 Plymouth

MERCHANDISE

FENDER COVERS

A. Fender Covers

- P5153623 Fender Cover, Direct Connection, White on Black
- P5153621 Fender Cover, Hemi, Orange on Black
- P5153624 Fender Cover, Mopar, White on Black
- P5153622 Fender Cover, Wedge, White on Black

WHEEL COVERS

Wheel Covers (Not Shown)

- P5153626 Tire Cover, Hemi, Orange on White
- P5153625 Tire Cover, Mopar, Blue on White
- P5153627 Tire Cover, Vintage Direct Connection, Red/Blue/Black on White



A. P5153621



A. P5153622



A. P5153623



A. P5153624

VEHICLE IDENTIFICATION

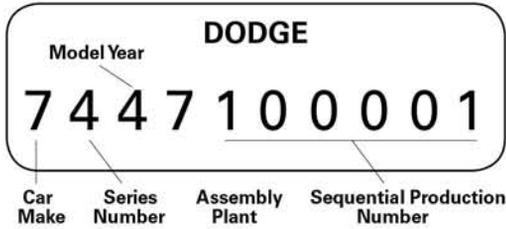


VEHICLE IDENTIFICATION

DODGE AND PLYMOUTH VIN IDENTIFICATION

1964–65 Models

1964–65 models have the Vehicle Identification Number located on a stainless steel plate riveted to the left front door hinge pillar post.



1st Digit: Car Make

- 1 = Valiant Slant-6, Barracuda Slant-6
- 2 = Plymouth Slant-6 (1964) / Dart Slant-6 (1965)
- 3 = Plymouth V8 (1964) / Belvedere Slant-6 (1965)
- 4 = Dodge Slant-6 (1964) / Coronet Slant-6 (1965)
- 6 = Dodge V8 (1964)
- 7 = Dart slant-6 (1964)
- D = Dodge (1965)
- L = Dart V8
- R = Belvedere V8 (1965)
- V = Valiant V8 / Barracuda V8
- W = Coronet V8 (1965)

2nd Digit: Series Number

- 1 = Valiant V100, Dart 170, Belvedere I (1965), Coronet Deluxe (1965), 330 (1964), Savoy (1964), Polara (1965)

- 2 = Belvedere (1964), 440 (1964), Coronet (1965)
- 3 = Valiant V200, Dart 270, Belvedere II (1965), Coronet 440 (1965), Fury (1964), Polara (1964)
- 4 = Valiant Signet, Barracuda (1964), Dart GT, Satellite (1965), Coronet 500 (1965), Sport Fury (1964)
- 5 = Valiant V100 Wagon, Dart 170 Wagon, Belvedere I Wagon (1965), Coronet Wagon (1965), Savoy Wagon (1964), 330 Wagon (1964)
- 6 = Belvedere Wagon (1964)
- 7 = Valiant V200 Wagon, Dart 270 Wagon, Belvedere II Wagon (1965), Coronet 440 Wagon (1965), Fury Wagon (1964)
- 8 = Barracuda (1965), Belvedere Taxi (1965), Coronet Taxi (1965)
- 9 = Belvedere Police (1965), Coronet Police (1965)
- 0 = Belvedere Super Stock (1965), Coronet Super Stock (1965)

3rd Digit: Model Year

- 4 = 1964
- 5 = 1965

4th Digit: Assembly Plant

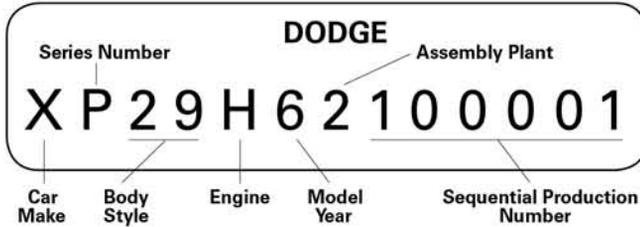
- 1 = Lynch Road, Detroit, MI
- 2 = Dodge Main, Hamtramck, MI
- 3 = Jefferson Avenue, Detroit, MI
- 4 = Belvidere, IL
- 5 = Los Angeles, CA
- 6 = Newark, DE
- 7 = St. Louis, MO
- 9 = Windsor, Ontario

5th Through 10th Digits:

Sequential production number starting with 100001

1966–67 Models

1966–67 models have the Vehicle Identification Number located on a stainless steel plate riveted to the left front door hinge pillar post.



1st Digit: Car Make

- B = Barracuda (1967)
- L = Dart
- R = Belvedere / Satellite
- V = Valiant
- W = Coronet
- X = Charger

2nd Digit: Series Number

- E = Belvedere Fleet, Coronet Fleet
- L = Valiant 100, Dart 170, Belvedere I, Coronet Deluxe
- H = Valiant 200 (1966), Valiant Signet, Dart 270, Belvedere II, Coronet 440, Barracuda (1967)
- K = Belvedere Police, Coronet Police
- P = Barracuda (1966), Dart GT, Satellite, Coronet 500, Charger
- S = Belvedere GTX (1967), Coronet R/T (1967)
- T = Belvedere Taxi, Coronet Taxi

3rd and 4th Digits: Body Style

- 21 = 2-Door Sedan
- 23 = 2-Door Coupe
- 27 = 2-Door Convertible
- 29 = 2-Door Sports Coupe
- 41 = 4-Door Sedan
- 45 = 4-Door Station Wagon (6 passenger)
- 46 = 4-Door Station Wagon (9 passenger)

5th Digit: Engine

- A = 170 cid/101 hp (1966), or 115 hp (1967) 1-bbl Slant-6
- B = 225 cid/145 hp 1-bbl Slant-6
- C = Special Order Slant-6
- D = 273 cid/180 hp 2-bbl V8
- D = 273 cid/235 hp or 275 hp (1966) 4-bbl V8
- E = 273 cid/235 hp 4-bbl V8 (1967)
- E = 318 cid/230 hp 2-bbl V8 (1966)
- F = 318 cid/230 hp 2-bbl V8 (1967)
- F = 361 cid/265 hp 2-bbl V8 (1966)
- G = 383 cid/270 hp 2-bbl V8 (1967)
- G = 383 cid/325 hp 4-bbl V8 (1966)
- H = 383 cid/325 hp 4-bbl V8 (1967)
- H = 426 cid/425 hp 2x4-bbl V8 Hemi (1966)
- J = 426 cid/425 hp 2x4-bbl V8 Hemi (1967)
- L = 440 cid/375 hp 4-bbl V8 (1967)

6th Digit: Model Year

- 6 = 1966
- 7 = 1967

7th Digit: Assembly Plant

- 1 = Lynch Road, Detroit, MI
- 2 = Dodge Main, Hamtramck, MI
- 3 = Jefferson Avenue, Detroit, MI
- 4 = Belvidere, IL
- 5 = Los Angeles, CA
- 6 = Newark, DE
- 7 = St. Louis, MO
- 8 = Export
- 9 = Windsor, Ontario

8th Through 13th Digits:

Sequential production number starting with 100001

VEHICLE IDENTIFICATION

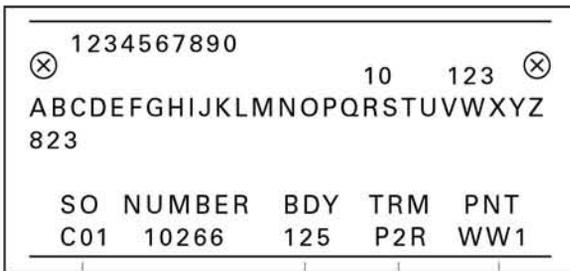
CHRYSLER FENDER TAGS

Chrysler fender tags, located on the inner fender on the engine bay, can be valuable sources of information. The following is a description of fender tag characteristics, grouped by their similarities. As a general rule, fender tags are read from bottom to top and left to right.

1962–66 Models

The fender tags of 1962–66 cars are laid out in a very similar fashion. The scheduled build date is under the left portion of the "SO NUMBER." The number under "BDY" (body) represents the car line and model, which is the same as the first three characters of the VIN. The number under "TRM" is the interior trim code, while the exterior trim codes are found under "PNT." Sometimes the paint and trim codes are transposed, but this should be fairly obvious. The row of uppercase letters (fourth line from the bottom) represents option categories. A number under any of these letters defines an option in that letter's category. The row of numbers at the top of the tag are not yet known, but are thought to be routing, shipping, or gate information on 1962–64 models. For 1965, these numbers may represent option information in addition to routing information. Also for 1965, "A", "B" and "C" take the place of 10, 11, and 12 in the production date for October, November and December. In 1966 the row of numbers at the top are replaced by a row of lowercase letters, which are another row of option categories. A number under any of these letters represents an option in that letter's category. For information on decoding the option codes, see our selection of books by Galen Govier in the Literature section.

1962–65 Models



Build Date

Car Line and Model

Interior

Paint

1966 Models



Build Date

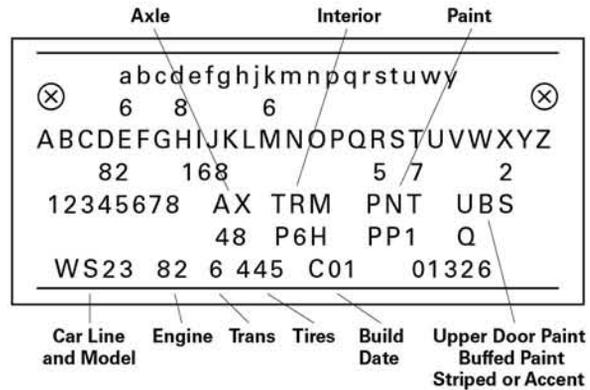
Car Line and Model

Interior

Paint

1967–68 Models

For 1967 and 1968, the bottom three lines are changed completely as compared to earlier tags. The bottom line at the left starts with two letters and two numbers which identify the car line and model (same as the first four characters of the VIN). This is followed by a two-digit engine code, a one-digit transmission code, and then a three-digit tire code. Next is a three-digit build date, followed by the order number. Moving up to the third line from the bottom, numbers 1 through 8 appear here, which denote categories. A number listed under any of the category numbers defines an option in that category. To the right of the 1–8 numbers you will find "AX" for axle, "TRM" for the interior code, and "PNT" or "PAINT" for exterior colors. Continuing to the right, there is a grouping of letters "UBS." The "U" is for upper interior door color, "B" is for buffed paint and "S" is for the stripe or accent color. The codes for these are listed directly below (on the second line from the bottom). The fifth row from the bottom is a row of uppercase letters representing option categories. At the top of the tag is a row of lowercase letters also representing option categories. A number under any of these category letters defines an option in that letter's category. For information on decoding the option codes, see our selection of books by Galen Govier in the Literature section.



Car Line and Model

Engine

Trans

Tires

Build Date

Upper Door Paint
Buffed Paint
Striped or Accent



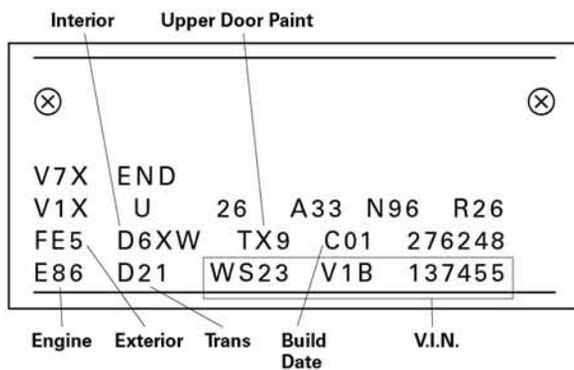
With its prominent location on the driver's fender, the fender tag is usually easy to locate. 1965 and earlier cars may have it on one of the following locations: left inner fender, right inner fender, right cowl panel, left radiator core support.

VEHICLE IDENTIFICATION

CHRYSLER FENDER TAGS

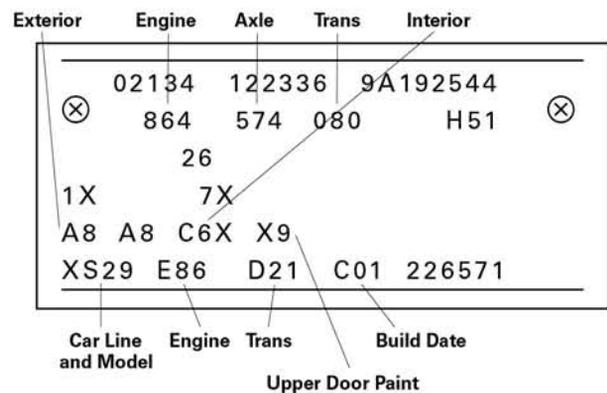
1969–74 Models (Except 69–70 Lynch Rd.)

Fender tags were restyled for 1969. On the bottom line to the left, is a three-character code for the engine, followed by a three-character code for the transmission, then the actual VIN. The second line from the bottom starts with a two- or three-digit character paint code (which may be repeated) followed by a three or four character interior code (three for 1969; four for 1970 and later). Next is a two- or three-character interior upper door color or type code (two for 1969; three for 1970 and later). This is followed by the three-digit build date and the vehicle order number. The codes above these, with a couple of exceptions, are the actual selected option order codes. When moving from the bottom to the top of the tag, characters "END," "EN1" or "EN2" will appear if the code listing ends. If the factory ran out of space on one particular tag, "CTD" may appear, which means the information is continued on another tag. We've never seen more than two fender tags on any car, however.



1969–70 Lynch Road Plant

The 1969 Lynch Rd. plant fender tag is somewhat unique compared to other 1969 tags. The bottom row, to the left, has the four-character car line and model code (same as the VIN first four), followed by a three-character engine code. These are followed by a two-character transmission code, then the three-digit build date and the vehicle order number. The second line from the bottom starts with the exterior color (usually two characters) followed by a three-character interior code and a two-character upper interior door color code. Above these codes are a few selected codes, usually abbreviated actual option codes. Lynch Road tags typically list very few option codes, regardless of how the car was optioned. The fifth line from the bottom usually contains three groups of three digits for the engine, axle, and transmission build codes. The top line is not yet known. In 1970, Lynch Road tags became more like other plants, but still retained the three group, three-digit engine, axle and transmission codes on the fifth line from the bottom.



IDENTIFYING CHRYSLER BODY SERIES



A-Body: 1969 Barracuda

E-Body: 1970 Barracuda



B-Body: 1969 Dodge Charger

C-Body: 1970 Chrysler 300 Hurst



- A-Body: 1964–76 Valiant, 1964–69 Barracuda, 1970–76 Duster, 1972–76 Scamp, 1964–76 Dart, 1971–72 Demon, 1973–76 Dart Sport, 1969–76 Swinger
- B-Body: 1965–69 Belvedere, 1965–74 Satellite, 1968–75 Road Runner, 1970 Superbird, 1967–71 GTX, 1965–76 Coronet, 1968–71 Super Bee, 1966–77 Charger, 1969 Daytona, 1975–78 Fury, 1977–78 Monaco, 1978–79 Magnum, 1975–79 Cordoba, 1979 300
- C-Body: 1965–74 Fury I/II/III, 1975–78 Gran Fury, 1965–76 Monaco, 1977–78 Royal Monaco, 1965–73 Polara, 1965–78 New Yorker, 1965–71 300

- E-Body: 1970–74 Barracuda, 1970–74 Challenger
- F-Body: 1976–80 Volare, 1979–80 Duster, 1976–80 Road Runner, 1976–80 Aspen
- M-Body: 1982–89 Gran Fury, 1978–89 Diplomat
- J-Body: 1980–83 Mirada, 1980–83 Cordoba, 1981–83 Imperial
- R-Body: 1979–81 St. Regis, 1980–81 Gran Fury, 1979–81 Newport, 1979–81 New Yorker
- Y-Body: 1967–75 Imperial

VEHICLE IDENTIFICATION

Engine Code Per Body Data Tag 1966-68

Code	MYI	MYO	Engine	HP	Induction/Remarks
0.01	1966	1968	Special Order 8 CYL		
11	1966	1966	170	101	
11	1967	1968	170	115	
12	1966	1968	170	115	HD Clutch
21	1966	1968	225	145	
22	1966	1968	225	145	HD Clutch
31	1966	1967	273	180	
31	1968	1968	273	190	
32	1966	1967	273	235	
41	1966	1966	318	230	Polysphere
41	1967	1967	318	230	Canada Built
41	1967	1968	318	230	US Built
42	1966	1968	318	230	HD Clutch
51	1966	1966	361	265	
52	1968	1968	340	275	
61	1966	1967	383	270	
61	1968	1968	383	290	2V
62	66	67	383	325	4V
62	67	67	383	280	2V BH/LP
62	68	68	383	330	4V
62	68	68	383	300	4V BH/LS
62	68	68	383	335	4V RM/WM
73	66	68	426	425	2-4BBL Hemi
81	66	68	440	350	4V Single EXH
82	66	66	440	365	4V
83	67	68	440	375	4V
91	66	68	Special Order 8 CYL		

Engine Code Per Body Data Tag 1969-71

Sales Code	MYI	MYO	CI	HP	Induction/Remarks
E11	69	69	170	115	1V
E22	70	71	198	125	1V
E24	69	71	225	145	1V
E25	69	71	225	145	1V
E31	69	69	273	190	2V
E44	69	71	318	230	2V
E55	69	71	340	275	4V
E55	70	70	340	290	6BBL/Six Pack
E57	70	71	360	255	2V
E61	69	70	360	290	2V
E61	71	71	383	275	2V
E63	69	69	383	330	4V
E63	69	70	383	330	4V
E63	70	70	383	330	4V
E63	69	69	383	335	4V
E63	70	70	383	335	4V
E63	71	71	400	190	2V
E65	71	71	383	300	4V
E74	69	71	426	425	2-4BBL
E85	69	70	440	350	4V
E85	71	71	440	335	4V
E85	69	69	440	375	4V
E85	70	70	440	360	4V
E86	69	70	440	375	4V
E86	71	71	440	370	4V
E86	69	69	440	390	6BBL/Six Pack
E87	70	70	440	390	6BBL/Six Pack
E87	71	71	440	385	6BBL/Six Pack

Engine Codes Per Body Data Tag 1972-74

Code	MYI	MYO	CI	HP	Induction/Remarks
E22	72	72	198	94	1V w/N95 Pkg
E22	72	72	198	100	1V
E22	73	74	198	95	1V
E24	72	72	225	97	1V1V w/N95 Pkg
E24	72	72	225	110	1V
E24	73	73	225	98	1V w/N95 Pkg
E24	73	74	225	105	1V

Engine Codes Per Body Data Tag 1972-74 (cont.)

Code	MYI	MYO	CI	HP	Induction/Remarks
E24	74	74	225	105	1V
E25	72	72	225	110	1VHD
E25	73	74	225	105	1VHD
E44	72	74	318	150	2V
E44	73	73	318	170	2V
E55	72	73	340	240	4V
E56	74	74	360	200	4V
E57	72	72	360	175	2V
E57	73	73	360	163	2V w/N95 Pkg
E57	73	73	360	170	2V
E57	74	74	360	180	2V
E58	74	74	360	245	4V
E63	72	72	400	181	2V w/N95 Pkg
E63	73	73	400	178	2V w/N95 Pkg
E63	72	72	400	190	2V
E63	73	73	400	175	2V
E63	73	73	400	185	2V
E63	74	74	400	185	2V
E64	74	74	400	200	4V
E68	72	74	400	246	4VHP w/N95 Pkg
E68	72	72	400	255	4VHP
E68	73	73	400	260	4VHP
E68	74	74	400	250	4VHP
E85	72	72	440	212	4V w/N95 Pkg
E85	72	72	440	221	4V PD w/N95 Pkg
E85	73	73	400	208	4V w/N95 Pkg
E85	72	72	440	225	4V C
E85	72	72	440	230	4V PD
E85	73	73	440	215	4V C
E85	73	73	440	220	4V
E85	74	74	440	230	4V
E86	72	72	440	245	4VHP C
E86	72	72	440	280	4VHP RW
E86	73	73	440	280	4VHP
E86	74	74	440	275	4VHP
E87	72	72	440	330	3X2VHP RW

Engine Code Per Body Data Tag 1975-80

Code	MYI	MYO	Desc	HP	Cyl.	VIN	Family
E12	78	78	1.7 LITRE	70	4	A	4CYL
E12	78	78	1.7 LITRE	75	4	A	4CYL
E12	79	80	1.7 LITRE	65	4	A	4CYL
E12	79	79	1.7 LITRE	70	4	A	4CYL
E12	80	80	1.7 LITRE	65	4	A	4CYL
E12	79	80	1.7 LITRE	65	4	A	4CYL
E24	75	80	225 1BBL	90	6	C	RG
E24	75	75	225 1BBL	95	6	C	RG
E24	76	79	225 1BBL	100	6	C	RG
E24	76	80	225 1BBL	90	6	C	RG
E25	75	80	225 1BBL		6	C	RG
E26	77	80	225 2BBL	110	6	D	RG
E27	80	80	225 2BBL		6	D	RG
E44	75	75	318 2BBL	140	8	G	LA
E44	75	75	318 2BBL	145	8	G	LA
E44	75	75	318 2BBL	135	8	G	LA
E44	75	75	318 2BBL	150	8	G	LA
E44	75	75	318 2BBL	145	8	G	LA
E44	75	75	318 2BBL	150	8	G	LA
E44	76	76	318 2BBL	140	8	G	LA
E44	76	76	318 2BBL	150	8	G	LA
E44	77	77	318 2BBL	135	8	G	LA
E44	77	77	318 2BBL	145	8	G	LA
E44	77	77	318 2BBL	135	8	G	LA
E44	78	78	318 2BBL	140	8	G	LA
E44	78	78	318 2BBL	145	8	G	LA
E44	78	78	318 2BBL	140	8	G	LA
E44	78	78	318 2BBL	140	8	G	LA
E44	79	79	318 2BBL	135	8	G	LA

VEHICLE IDENTIFICATION

Engine Code Per Body Data Tag 1975-80 (cont.)

Code	MYI	MYO	Desc	HP	Cyl	VIN	Family
E44	80	80	318 2BBL	120	8	G	LA
E45	78	80	318 2BBL		8	G	LA
E46	78	80	318 4BBL	155	8	H	LA
E47	79	80	318 4BBL	155	8	H	LA
E48	80	80	318 4BBL	155	8	H	LA
E56	75	75	360 4BBL	190	8	J	LA
E56	76	76	360 4BBL	175	8	J	LA
E56	77	77	360 4BBL	155	8	J	LA
E56	79	80	360 4BBL	195	8	J	LA
E57	75	75	360 2BBL	180	8	K	LA
E57	76	76	360 2BBL	170	8	K	LA
E57	77	78	360 2BBL	155	8	K	LA
E57	79	79	360 2BBL	150	8	K	LA
E57	80	80	360 2BBL	130	8	K	LA
E58	75	75	360 4BBL	230	8	L	LA
E58	76	76	360 4BBL	220	8	L	LA
E58	77	78	360 4BBL	160	8	L	LA
E58	77	78	360 4BBL	175	8	L	LA
E58	78	78	360 4BBL	160	8	L	LA
E58	79	79	360 4BBL	190	8	L	LA
E58	79	79	360 4BBL	195	8	L	LA
E58	80	80	360 4BBL	185	8	L	LA
E63	75	76	400 2BBL	165	8	M	B

Engine Code Per Body Data Tag 1975-80 (cont.)

Code	MYI	MYO	Desc	HP	CYL	VIN	FMLY
E63	75	76	400 2BBL	175	8	M	B
E64	75	75	400 4BBL	185	8	N	B
E64	75	75	400 4BBL	190	8	N	B
E64	75	75	400 4BBL	195	8	N	B
E64	76	76	400 4BBL	210	8	N	B
E64	77	78	400 4BBL	190	8	N	B
E68	75	75	400 4BBL	235	8	P	B
E68	75	75	400 4BBL	240	8	P	B
E68	76	76	400 4BBL	240	8	P	B
E68	77	78	400 4BBL	190	8	P	B
E85	75	75	440 4BBL	210	8	T	RB
E85	75	75	440 4BBL	215	8	T	RB
E85	76	76	440 4BBL	200	8	T	RB
E85	76	76	440 4BBL	205	8	T	RB
E85	77	78	440 4BBL	185	8	T	RB
E85	77	78	440 4BBL	195	8	T	RB
E85	77	78	440 4BBL	185	8	T	RB
E86	75	75	440 4BBL	260	8	U	RB
E86	75	75	440 4BBL	265	8	U	RB
E86	76	76	440 4BBL	250	8	U	RB
E86	76	76	440 4BBL	255	8	U	RB
E86	77	78	440 4BBL	185	8	U	RB
E86	77	78	440 4BBL	195	8	U	RB



VEHICLE IDENTIFICATION

ENGINE COMPONENT CASTING NUMBERS

Engine Block Casting Numbers

A/LA Small Blocks

Casting No.	CID	Year	Family	Remarks
2465330	273	1964-66	LA	
2536130	273	1965	LA	
2463252	273		LA	
2465330	273	1964-66	LA	
2536130	273	1965	LA	
2806030	273	1966-69	LA	
2806130	273	1965-69	LA	
2466090	318		LA	
2536030-318	318	1967-75	LA	
2566080	318		LA	
2806030	318	1967-74	LA	
2466090	318		LA	
2536030-318	318	1967-75	LA	
2566080	318		LA	
2806030	318	1967-74	LA	
4104230-318	318	RACE ENGINE	LA	Painted Orange
2264230	318	1960-66	A	
2468230	318		A	
2532630-318	318		A	
2264230	318	1960-67	A	Polysphere
2468230	318		A	Polysphere
2532630-318	318		A	Polysphere
2780930-340	340	1968-73	LA	
3577130TA-340	340	1970-71	LA	Trans Am
2780930-340	340	1968-73	LA	
3577130TA-340	340TA	1970-71	LA	Trans Am
3418496-360	360	1971-74	LA	
3870230	360	1975-Up	LA	
3418496-360	360	1971-74	LA	
3870230	360	1975-78	LA	
4179930-360	360	1975-93	LA	

B Big Blocks

Casting No.	CID	Year	Family	Remarks
2120229	361		B	Industrial
2205712	361	1958-66	B	
2120229	361		B	Industrial
2120429	361		B	
2205712	361	1958-66	B	
2658930	361	1965	B	
2128854	361+383	1964	B	
2468130	383	1959-71	B	
2468130	383	1959-71	B	
2532130	383	1965	B	
2899830	383	1970	B	
3614230	400	1971-72	B	
3698630	400	1973-78	B	
4006530-400-12	400	1976-78	B	
3614230	400	1971-72	B	
3698630	400	1973-78	B	
4006530-400	400	1976-78	B	

RB Big Blocks

Casting No.	CID	Year	Family	Remarks
2120329	383	1959-60	RB	Golden Lion
1852029	413	1962	RB	Max Wedge
2120529	413	1959-65	RB	
2205697	413	1959-65	RB	Pass Car
2468030	413		RB	
1851629	413	1961	RB	
1852029	413	1962	RB	Med. Duty Truck
MAX PERF				
1852029	413	1962-63	RB	Med. Duty Truck
2120529	413	1959-65	RB	

RB Big Blocks (cont.)

Casting No.	CID	Year	Family	Remarks
2406730	426	1963-65	RB	Wedge
2205697	413+426	1959-65	RB	Passenger Car
2468030	413+426		RB	Wedge
2468330	426	1964-71	RB	Hemi
2658836	426		RB	Industrial
1852029	426	1962-65	RB	Wedge
2406730	426	1963-65	RB	Wedge + Max Perf
2440873	426		RB	Wedge
2532230	426	1964-66	RB	Wedge, Max Perf + Industrial
2658836	426		RB	Industrial
2536430	440	1966-72	RB	
3698830-440	440	1973-78	RB	
2536430	440	1966-72	RB	
3698830-440	440	1972-78	RB	
4006630-440	440	1975-78	RB	

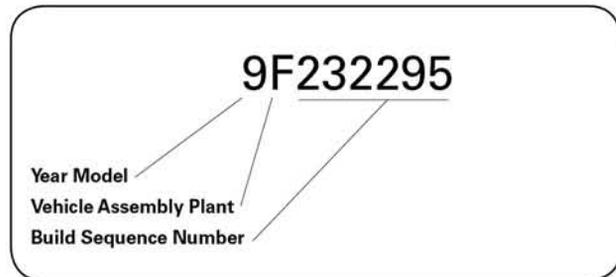
426 Hemi Blocks

Casting No.	CID	Year	Family	Remarks
2468330-1 or 2	426	1964-65	RB	Race Hemi Distributor Area=Rounded Street Hemi Distributor Area=Squared
2468330-1 or 2	426	1966-71	RB	

Engine Stampings

Decoding Vehicle Serial Number on the Engine

Starting in 1968, all engine and major driveline components are stamped with the Vehicle Identification Number (VIN) as a theft deterrent. During the first two years (until 1970), Chrysler usually stamped the entire number on the rail. From 1970 on, they stamped only the last eight digits on the engine. Slant-6 engines have this number stamped below the cylinder head on the passenger side of the block. V8 engines are stamped on the driver's side upper rear of the block in 1968, and above the passenger side oil pan rail near the motor mount on 1969-and-later engines. Most warranty engines will not have this stamping (although the technicians were supposed to restamp them after replacement).



1968-74 Vehicle Assembly Plant Codes

A = Lynch Road, Detroit, MI F = Newark, DE
 B = Dodge Main, Hamtramck, MI G = St. Louis, MO
 C = Jefferson Avenue, MI H = New Stanton, PA (1970-71)
 D = Belvidere, IL P = Export (1968)
 E = Los Angeles, CA (1968-71) R = Windsor, Ontario

Engine Serial Number

The serial number is a sequence of 14 digits that contains a wealth of information all in one location. A few problems must be answered first, such as where it is found and what it means. Occasionally, for whatever reason, an engine will not have a serial number stamped on it. This seems to be fairly common, so if yours doesn't, it's not that big of a deal. On slant-6 engines the number is stamped on the block, below the head near the ignition coil. Small blocks seem to have their own story—a sequence of numbers will almost always be present, but they don't always follow this particular serial number pattern. For small blocks, look on the front face of the block, below the driver's side cylinder head (see the small-block ID Boss explanation for more information). For B and RB big blocks, the number is typically found along the oil pan rail, close to or under the starter. These are hand-stamped numbers, so visibility and consistency are not always the greatest.

PM400E37320016

Characters 1–2	Plant ID code.
Characters 3–5	Cubic inch displacement
Character 6	Additional build information (mostly letters)
Characters 7–10	10,000 day calendar date
Characters 11–14	Engine production number that cycle

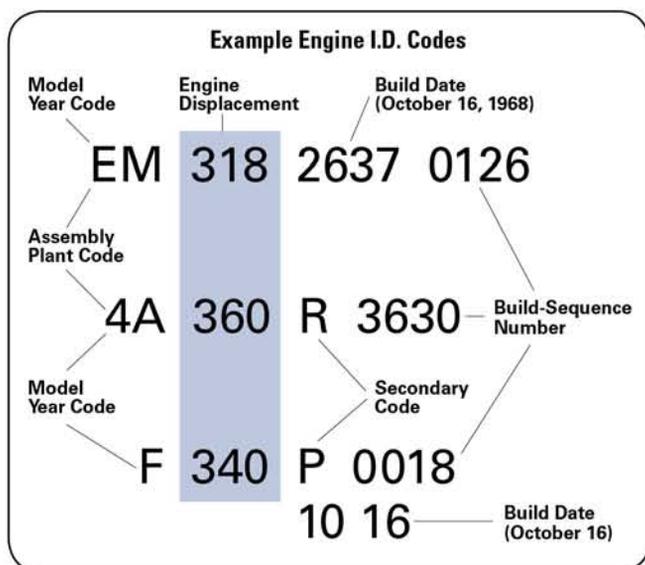
NOTE : There may be other characters after these, but they have not been decoded and do not appear to be meaningful to restorers at this time.

Engine Stampings

The easiest way to determine what engine you're looking at is by locating and decoding the stampings on the ID boss. This machined pad includes the displacement, build date, and other special information relating to that particular engine. The information on the pad is hand-stamped and may be difficult to read without cleaning the area. But, since this is the simplest way to identify various Chrysler engines, it's worth the trouble. The location of the pad varies on small block, "B" and "RB" engines, and they're listed below.

Small Block ID Boss

Small Block: Locating the ID pad on a small block is the simple part—decoding the information is where it gets tricky. The pad is found on the driver's side front of the block below the cylinder head on both "A" and "LA" small blocks. With the engine in the car and all the accessories in place, it may be hard to see, but it's there.



Secondary Codes

Here is a listing of the additional, or secondary, information codes and their meanings. These are found on the ID boss or sequence number of your engine. In the case of small blocks, some of these symbols might be found on the affected part (∅ on the tappet boss; anything crank related is on the No. 8 counterweight). Although this list is as complete as we can make it, there may be other codes or symbols not listed here. ID boss decoding is an ongoing project and new information is occasionally found.

T	Truck
R	Regular Fuel
P	Premium Fuel
LC	Low Compression
HC	High Compression
MP	Maximum Performance
HP, HP2,	High Performance
✱	.001" Undersize Crank
✱ and X	.010" Undersize Crank
∅	.008" Oversize Tappets
O.S.	.005" Oversized Valve Guides
X	Oversize Valve Guides
S	Special Engine (possibly warranty)
SP	Special Engine (TA340 or police)
WT	Water Tested
H	Hemi (before displacement: H426)
A	.020" Oversize Cylinder Bore
B	.010" Undersize Main and Rod Bearings
E	Cast Crank
H	Standard 4-bbl V8

VEHICLE IDENTIFICATION



B/RB Big Block and Hemi ID Boss

Big Block: Locating the ID pad on big blocks is the easiest way to distinguish a "B" engine from an "RB" engine. On "B" engines, the ID pad is located on the passenger's side of the engine, just below the cylinder head next to the distributor base; on "RB" or Hemi engines, the ID pad is located on top of the block directly in front of the intake manifold valley pan, next to the distributor base toward the driver's side.

The first letter is the year code, followed by the engine's displacement. Hemi engines have an "H" after the year letter and before the displacement, while truck blocks have a "T" in this location. Engine displacements before 1965 may have a digit missing. For example: 36=361, 38=383, 41=413.

EH426
1 - 16 - 06
A P ◊

This line contains the build date and the number engine that was built that day.

- The first number is the month (or a fourth digit, 10,000-day calendar date).
- The second number is the day of the month (or a fourth digit, 10,000-day calendar date).
- The third number is the build sequence for that day.

This example engine was the sixth built.

The last line carries any secondary information pertaining to the build of the engine. Any symbol or letter on this line had a special meaning. This example engine has an A (oversize cylinder bores), P (premium fuel only) and ◊ (oversize tappets).

Model Year Codes

The following is a list of letter codes and their corresponding years. The year always precedes the engine displacement.

P = 1960	A = 1965	F = 1970	K or 4 = 1974
R = 1961	B = 1966	G = 1971	L or 5 = 1975
S = 1962	C = 1967	H = 1972	M or 6 = 1976
T = 1963	D = 1968	J = 1973	N or 7 = 1977
V = 1964	E = 1969		

Assembly Plant Codes

K =	Toluca
M or PM =	Mound Rd.
MV or MN =	Marysville
T or PT =	Trenton
W =	Windsor



Cylinder Heads

Head casting numbers can be found in two places on both big- and small-block engines. The first is under the valve cover, where you'll find a complete number as well as other casting information like the date and clock. These numbers may be covered in hardened, burned oil (a.k.a. "coke"), which may make them hard to read. The head must be off the engine to find the second position, which is located on the combustion chamber side of the head on the runners.

Casting No.	CID	Year	Remarks
2206324	361, 383, 413	61-62	
2206924	361, 383, 413	62	
2402557	413	63	
2206035	170, 225	62-63	
226341	318	62-67	
2402286	413	62	Stage I
2406516	361, 383, 413	64-65	
2406516	426	64-66	Street Wedge
2406516	413	65	300L
2406516	383	66-67	
2408520	413	64	300K
2406518	426	64	Stage III
2463209	426	63	Stage II
2463200	361, 383, 413	63	
2206035	170, 225	64-66	
2465315	273	64-65	
2468016	426 HEMI	64	Cast K Head
2531110	426 HEMI	65	Aluminum "Alcoa"
2531695	426 HEMI	65	Rev B "Alcoa"
2531718	426 HEMI	A148	
2531894	340	68-70	X
2532080	273	64-65	
2536178	273	66	Early
2658234	273	66	Late
2658920	273-4	66	
2780559	426 HEMI	66-71	Cast Iron
2780559	426 HEMI		Cast Iron, Twin Plug
2406158	383-440	67	Non-HP
2780915	383-440	67	1.6 Exh Valve = Non-HP
2780915	440	67	1.74 Exh Valve = HP
2658920	273-318	67	
2658920	273	66	
2843675	273	68-69	
2843675	318	68-71	
2843169	170-225	66-69	
2843169	198, 225	70-71	
2843169	198, 225	74	
2843906	383, 440	68-70	
2945270	426 HEMI	D3	
2951250	383, 440	68	
3418915	360	70-71	Z or O 1.88 Int Valve
3418915	340	71	J or U 2.02 Int Valve
3418915	340	70	U or O 2.02 Int Valve
3418915	340, 360	71-72	J 1.88 Int Valve
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3614850	198, 225	72-73	
2843675	318	72-74	
3671587	360	73-74	
3671587	340	73	
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3614476	B/RB		Stage IV
3751213	400, 440	73	Motor Home
3769902	400, 440	74	

VEHICLE IDENTIFICATION



VEHICLE IDENTIFICATION

Intake Manifold

Finding the intake manifold casting number is fairly simple. Usually, the casting number is on top of the manifold, close to the carburetor mounting pad. Occasionally it's on the bottom of the manifold, which can pose an identification problem if it's still installed on the engine.



Cast No.	Metal	Year	Body	Engine	Remarks
1733878	Alum	1956-57	C	303 2-4	Fury
1735917	Alum	1956-57	C	315 2-4	500 "A" Option
1822004	Inline	1957-58	C	318 2-4	WCFB 4BBLs
1851898		1959-60	C	383 1-4	RB-Engine
1851899		1959-60	C	383 1-2	RB-Engine
1859229		1957-61	C	318 1-4	WCFB 4BBL
2264877	Inline	1959-61	C	413 2-4	300 E-F-G
1827899	Inline	1958	C	350 2-4	
1827899	Inline	1959-61	C	383 2-4	343 HP
1947162	Alum	1961	C	383+413 2-4	Left
1947163	Alum	1961	C	383+413 2-4	Right
2129898	Alum	1960-62	A	170+225 1-4	Hyper Pak
1859229		1962	B	318 1-4	
2205968		1962	B	361 1-4	
2205968		1962	B	383 1-4	
1827899	Inline	1962	B	383 2-4	343 HP
2206000		1962	B	413 1-4	D2, P2
2206000		1962	C, D	413 1-4	C2,C3,Y1
2264877	Inline	1962	B	413 2-4	385 HP
2264877	Inline	1962	C	413 2-4	300-H
2402726	Alum	1962	B	413 2-4	Max Perf I
2205968		1963	B	383 1-4	
2206000		1963	C, D	413 1-4	Exc. 300-J
2129985	Alum	1963	C	413 2-4	300J Right
2129987	Alum	1963	C	413 2-4	300J Left
2402726	Alum	1963	B	426 2-4	Max Perf I
2402728	Alum	1963	B	426 2-4	Max Perf II
2205968		1964	B	383 1-4	
2206000		1964	C, D	413 1-4	
2129985	Alum	1964	C	413 2-4	300K Right
2129987	Alum	1964	C	413 2-4	300K Left
2402728	Alum	1964	B	426 2-4	Max Perf III
2406185	Alum-B	1964	B	426 1-4	Max 1-PL Short
2465165	Alum-B	1964	B	426 1-4	Max 2-PL Short
2468045	Alum	1964	B	426 2-4	S/S Hemi Strip
2206000		1964	B	426 1-4	Street Wedge
2468043	Holley	1964	B	426 1-4	Hemi NAS-Track
2465726		1965	A	273 1-4	
2205968		1965	B, C	383 1-4	
2206000		1965	C, D	413 1-4	
2536900	Mag	1965	B	426 2-4	S/S Hemi Strip
2206000		1965	B, C	426 1-4	Street Wedge
2531631	Rat Roadster		B	426 1-4	Hemi/Holley
2946278	Inline Inverted		B	426 2-4	Hemi/Holley
2536563		1966	A	273 1-4	HP
2536636		1966		273 1-4	Marine
2536771	w/C.A.P.	1966	A	273 1-4	HP
2205968		1966	B, C	383 1-4	
2531921	Inline	1966	B	426 2-4	Hemi/Holley
2780543	w/DPCD	1966			
2780544	w/Hole	1966	B	426 2-4	Hemi/Carter
2206000		1966	C, D	440 1-4	
2536563		1967	A	273 1-4	HP
2536771	w/C.A.P.	1967	A	273 1-4	HP
2846346				273 1-4	Marine
2205968		1967	ABC	383 1-4	HP
2780543	w/DPCD				Early
2780544	L/Hole	1967	B	426 2-4	Hemi/Carter
2780543					
2780544	Wall Cut	1967	B	426 2-4	S-Stock
2780543	w/Pentstar				Late
2780544		1967	B	426 2-4	Hemi/Carter
2536900		1967	B	426 2-4	Hemi NASCAR
2806178		1967	B	440 1-4	HP

Intake Manifold (cont.)

Cast No.	Metal	Year	Body	Engine	Remarks
2531915		1968	A	340 1-4	HP
2806301		1968	ABC	383 1-4	
2780543	w/Pentstar				
2780544		1968	B	426 2-4	Hemi/Inline
2536900	Mag	1968	A	426 2-4	Hemi/Crossram
3531960			Parts	440 1-4	
2806178		1968	B/C	440 1-4	
2531915		1969	A	340 1-4	HP
2846704				340 1-4	Marine
2806301		1969	ABC	383 1-4	
2780543	w/Pentstar				
2780544		1967	B	426 2-4	Hemi/Inline
2806178		1969	ABC	440 1-4	
3412046	Alum	1969	B	440 3-2	Edelbrock
3462848		1970	A, E	340 1-4	
3418681	Alum	1970	E	370 3-2	Edelbrock
3418681	Alum	PARTS		340 3-2	Edelbrock
2951666		1970	BCE	383 1-4	
2780543	w/Pentstar				
2780544		1970	BE	426 2-4	Hemi/Inline
2951736		1970	BCE	440 1-4	
2946275	Iron	1970	BCE	440 3-2	Early
2946276	Iron	1970	BCE	440 3-2	Late
3412046	Alum	1970	BE	440 3-2	Edelbrock
3512100		1971	ABE	340 1-4	
3549885	Alum	PARTS		340 1-4	Edelbrock
2951666		1971	BCE	383 1-4	
2780543	w/Pentstar				
2780544		1971	BE	426 2-4	Hemi/Inline
3512501		1971	BC	440 1-4	Exc. Imperial
		1971	C	440 1-4	Imperial
2946276	Iron	1971	BCE	440 3-2	
3614025		1972	ABE	340 1-4	Less N95
3671918		1972	ABE	340 1-4	With N95
3614046		1972	BC	400 1-4	Less N95
		1972	BC	400 1-4	With N95
3614014		1972	BC	440 1-4	Less N95
		1972	BC	440 1-4	With N95
		1972	BC	440 1-4	Less N95
		1972	BC	440 1-4	With N95
2946276	Iron	1972	B	440 3-2	Very Early
3671918	w/EGR	1973	ABE	340 1-4	
3671879		1973	BC	400 1-4	
3698444		1973	BC	440 1-4	Exc. Imperial
		1973	C	440 1-4	Imperial
3698434		1974	ABE	360 1-4	
3694882		1974	BC	400 1-4	
3751728		1974	BC	440 1-4	
3690187		PARTS	B	440 3-2	Edelbrock

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04338855	135	77060051	294	77DUB03000	195	77R06039	159
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