

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, Plymouth, 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.

TABLE OF CONTENTS

MUSCLE	10
Hemi® , Gen II	10
Crate Engines	10
Blocks	13
Engine Installation Components	13
Engine Block Hardware	14
Crankshafts and Hardware	14
Vibration Dampers	15
Timing Chain and Sprockets	16
Pistons and Connecting Rods	16
Camshafts, Lifters, and Hardware	17
Cylinder Heads, Gaskets, and Hardware	18
Valve Covers and Hardware	19
Valves and Valve Train Hardware	21
Rocker Arms, Shafts, Supports, and Hardware	23
Intake Manifolds, Hardware, and Gaskets	24
Carburetors and Hardware	26
Oiling Components	27
Cooling Systems	29
Hemi® , Gen III	32
Crate Engines	32
Blocks	33
Crankshafts and Hardware	33
Vibration Dampers	34
Pistons and Connecting Rods	34
Camshafts, Lifters, and Hardware	34
Cylinder Heads, Gaskets, and Hardware	35
Valve Covers and Hardware	36
Intake Manifolds, Hardware, and Gaskets	36
Fuel Systems/ Injection Components	37
Ignition and Electronics	38
Carburetors and Hardware	40
Oiling Components	41
Big Block	44
Blocks	44
Engine Block Hardware	44
Crankshafts and Hardware	45
Vibration Dampers	45
Timing Chain and Sprockets	46
Connecting Rods	46
Camshafts, Lifters, and Hardware	47
Cylinder Heads, Gaskets, and Hardware	49
Valve Covers and Hardware	52
Valves and Valve Train Hardware	54
Rocker Arms, Shafts, Supports, and Hardware	57
Intake Manifolds, Hardware, and Gaskets	59
Oiling Components	62
Cooling Systems	65
Small Block	68
Crate Engines	68

Blocks	71
Engine Block Hardware	73
Crankshafts and Hardware	75
Vibration Dampers	76
Timing Chain and Sprockets	77
Camshafts, Lifters, and Hardware	78
Cylinder Heads, Gaskets, and Hardware	81
Valve Covers and Hardware	85
Valves and Valve Train Hardware	87
Rocker Arms, Shafts, Supports, and Hardware	90
Intake Manifolds, Hardware, and Gaskets	92
Oiling Components	96
Cooling Systems	98
Fuel Systems	102
Carburetors and Hardware	102
Vapor Separator	104
Six Pack Induction Systems	104
Fuel Pumps and Hardware	106
Air Systems	106
Fuel Systems/ Injection Components	108
Ignition and Electronics	112
Distributors and Hardware	112
Electronic Ignition Systems	113
Battery Installation	115
Ballast Resistors	116
Ignition Wires and Spark Plugs	116
Coils	118
Starters	119
Voltage Regulators	119
Ignition and Electronics	120
Alternators	122
Automatic Transmission	124
Flex Plates and Hardware	124
Shifters and Shift Improvement Kits	124
Automatic Transmission Components	125
Transmission Overhaul Kits	126
Transmission Pans and Hardware	127
Torque Converters and Hardware	128
Manual Transmission	132
Flywheels and Hardware	132
Bell Housing	133
Clutch Discs, Pressure Plates and Hardware	133
Shifters and Shift Improvement Kits	136
Drivetrain and Rear Axle Components	138
Universal Joint and Yoke Kits	138
Rear Axle Components	139
Differential Components	140
Brakes	144
Master Cylinder Components	144

* The "Street" category contains both street legal performance parts and off road only performance/racing oriented parts.

TABLE OF CONTENTS

Brake Pushrods	144
Brake Proportioning Valves	144
Steering and Suspension	146
Leaf Springs and Hardware	146
Frame Components	149
Torsion Bars and Hardware	150
Front Suspension Seals and Bushings	150
Manual Steering Hardware	150
Shocks and Struts	151
Restoration	154
Gutters	154
Hoods and Hood Components	154
Underhood	154
Dashboards and Components	157
Handles	158
Exhaust Systems	158
Grilles and Headlamp Bezels	159
Racks	160
Trunk	160
Shifters and Shift Improvement Kits	160
Sheetmetal	161
Washer Reservoirs	162
Battery Installation	162
Heat Shields	163
Oiling Components	164
Air Systems	164
Engine Paint	164
Cooling Systems	165
Ignition and Electronics	165
Interior	166
Floor Mats	167
Mirrors	168
Wheelhouse	169
Valence	169
Lamps and Lenses	170
Emblems and Decals	171
Wheel Components	175

STREET* **180**

Viper	180
Viper SRT10 Power Kit	180
Valves and Valve Train Hardware	181
Ignition and Electronics	181
Cooling Systems	183
Differential Components	184
Transmission Components	185
Suspension Upgrades and Components	186
Brakes	186
Air Systems	187

Exhaust Systems	187
GTS-R Engine Parts	187
Exterior Body Components	189
Eight-Cylinder Late Model Vehicles	192
Cylinder Heads, Gaskets, and Hardware	192
Electronic Control Modules	192
Air Systems	193
Exhaust Systems	194
Exterior Body Components	195
Suspension Upgrades and Components	196
Axles	196
Brakes	196
Interior	197
Four- and Six-Cylinder Late Model Vehicles	200
Turbo Upgrade Kits	200
Turbo Service Parts	201
Camshafts, Lifters, and Hardware	203
Rocker Arms, Shafts, Supports, and Hardware	203
Cylinder Heads, Gaskets, and Hardware	203
Engine Struts and Mounts	204
Pistons and Connecting Rods	204
Intake Manifolds, Hardware, and Gaskets	204
Valve Train Hardware and Components	204
Valve Covers and Hardware	206
Suspension Upgrades and Components	206
Ignition and Electronics	211
Air Systems	213
Oiling Components	214
Exhaust Systems	215
Transaxle Components	216
Wheel Components	217
Exterior Body Components	217
Brakes	217
Bearing	217

SPEED 222

Drag Racing	222
LC22R Challenger Drag Pak Service Parts	222
Blocks	224
Gear Drives and Service Parts	226
Crankshafts and Hardware	226
Camshafts, Lifters, and Hardware	226
Cylinder Heads, Gaskets, and Hardware	227
Valve Covers and Hardware	227
Hemi Pro Stock	227
Sprint Car / Midget / Dirt Late Model	230
Blocks	230
Engine Block Hardware	230
Cylinder Heads, Gaskets, and Hardware	231

* The "Street" category contains both street legal performance parts and off road only performance/racing oriented parts.

TABLE OF CONTENTS

Intake Manifolds, Hardware, and Gaskets	232
Valve Covers	233
Camshafts, Lifters, and Hardware	233
Rocker Arms, Shafts, Supports, and Hardware	233
Crankshafts and Hardware	234
Gear Drives and Service Parts	234
Oiling Components	235
Books	236
NASCAR® / Late Model	238
Engine Block Hardware	238
Blocks	239
Crankshafts and Hardware	241
Camshafts, Lifters, and Hardware	241
Cylinder Heads, Gaskets, and Hardware	241
Exhaust Systems	243
Valve Covers and Hardware	243
Oil, Fuel, and Water Pumps	243
NASCAR Sprint Cup	244
Books	244

TRAIL 250

Jeep/Truck	250
Blocks	250
Engine Block Hardware	250
Crankshafts and Hardware	251
Timing Chain and Sprockets	251
Vibration Dampers	251
Camshafts, Lifters, and Hardware	252
Cylinder Heads, Gaskets, and Hardware	254
Rocker Arms, Shafts, Supports, and Hardware	255
Valve Covers and Hardware	257
Valves and Valve Train Hardware	258
Intake Manifolds, Hardware, and Gaskets	260
Air Systems	262
Exhaust Systems	265
Oiling Components	269
Fuel Systems/ Injection Components	269
Suspension Upgrades and Components	270
Ignition and Electronics	273
Automatic Transmission Components	276
Transmission/Transfer Cases	278
Axles	279
Axle Components	279
Exterior Body Components	279
Hoods and Hood Components	280
Off Road Tools and Accessories	280

MORE STUFF 286

Audio	286
Kicker Audio Upgrades	286
Performance Gauges	292
Gauges	292
Gauge Pods	297
Gauge Components	297
SilverStar Lighting	300
Lamps	300
Merchandise	302
Lubrication Packages	302
Engine Assembly Aids	302
Diecast	302
Wearables	308
Posters	309
Books	309
Service Manuals on Disk	319
Fender Covers	320
Wheel Covers	320

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AUTHENTIC PERFORMANCE™



MUSCLE_STREET_SPEED_TRAIL

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.



PERFORMANCE

HEMI

GT

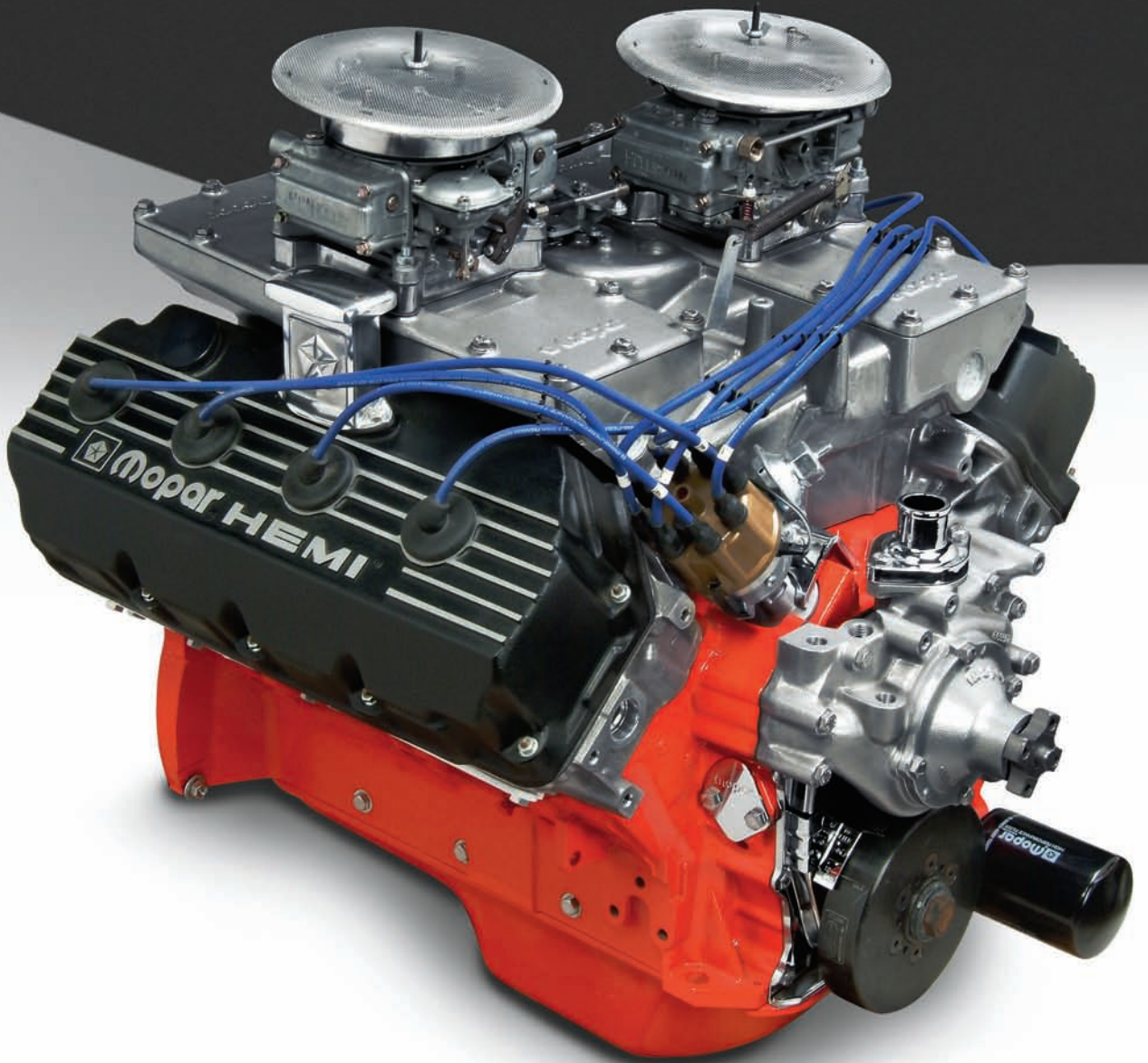
PERFORMANCE



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HEMI® GEN II
528 - 472 - 426



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

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

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.

CRATE ENGINES

A. 472 Hemi Crate Engine - 530 Horsepower

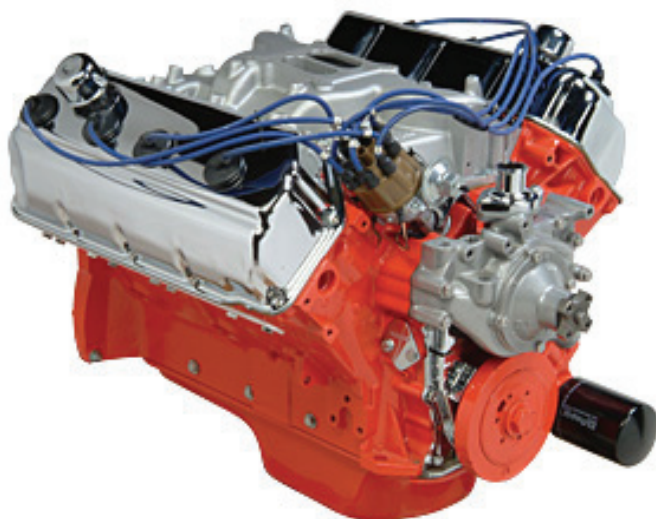
The 472 Hemi Crate Engine with increased displacement and power is an impressive step up from the familiar 426 Hemi. Mopar recommends the use of an 850 cfm vacuum secondary Holley carburetor and 2.00" exhaust headers (not available through Mopar).

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

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, 426 Hemi, 465 Horsepower, 465 ft.-lbs. Torque

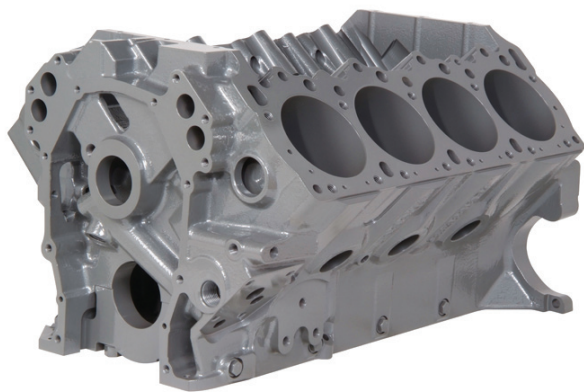
Specifications:

- 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.



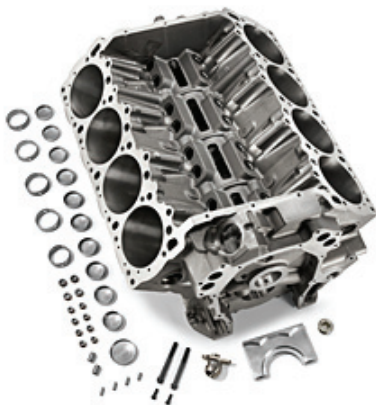
A.



A. P5153942



B. P5153864



C.



D.

BLOCKS

A. 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

B. Aluminum Hemi Siamese-bore Blocks

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

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

C. Composite Graphite Hemi Blocks

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

ENGINE INSTALLATION COMPONENTS

D. 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.

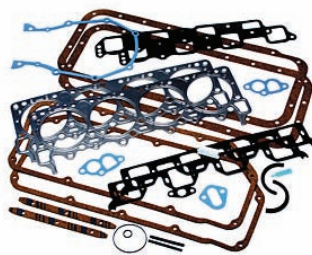
- P4510285** Bracket, Coil, 426 Hemi
- P4510287** Brackets, Engine Mounting, LH/RH, 426 Hemi Crate Engine, Engine Set
- P4510288** Insulator, Left Hand, 426 Hemi
- P4510289** Insulator, Right Hand, 426 Hemi
- P4510284** Oil Dipstick and Tube, 426 Hemi
- P4510283** Pulley, Crank Spacer, 3/16" Thick, 426 Hemi
- P4510281** Pulley, Crank, Belt Groove with Power Steering, 426 Hemi
- P4510286** Pulley, Crank, without Power Steering, 426 Hemi
- P4510282** Pulley, Water Pump, 426 Hemi

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 Gasket, 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.

P5155034 Hardware Package, Block, 426 Hemi/ Big Block, For Use With New B/RB Hemi and Wedge Engine Blocks

P5249259AB Hardware Package, Block, 426 Hemi/ Big Block, For Use With Original Style Hemi 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.



E.

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



F.

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



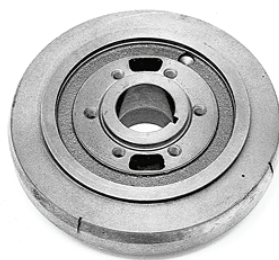
G.

CRANKSHAFTS AND HARDWARE**A. Crank Bolt Set**

Used to attach the vibration damper to the crankshaft.

P5249562 Bolt Set, Crank, 1.25" Length, Thin Damper, 426 Hemi/ Big Block with O.E.M Dampers

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



A.

B.

VIBRATION DAMPERS**B. Thin Crank Vibration Damper**

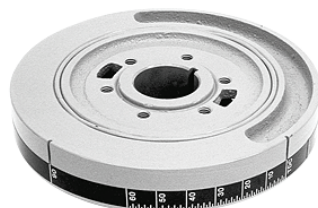
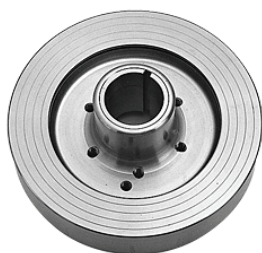
Designed for forged cranks and used primarily in Big Block and Hemi engines. It features 90° index markings and a symmetrical six-bolt pattern for pulley attachment. On pre-1972 engines with stock pulleys, minor modifications will be needed to attach bottom pulley. Not SFI approved. Must use 383/440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

¹ **P3830183** Vibration Damper, Thin Crank, Hemi (crate engines) and 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.

¹ **P5249699** Vibration Damper, Steel, 1966-71 426 Hemi



C.

D.

D. 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. Oil Slinger

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

¹ **P5249636** Oil Slinger, 426 Hemi/ Big Block/ Small Block/ Slant Six/ 3.9L V6



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.

TIMING CHAIN AND SPROCKETS

A. Double Roller Chain and Sprocket

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, 3-Bolt Mount, B/RB, Hemi

¹ **P4452815** Chain and Sprockets, Roller, Standard, 3-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 Set for Front Timing Cover

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

P4452795 Bolt Set, Front Timing Cover, Chrome

D. Front Cover Seal and Gasket

¹ **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

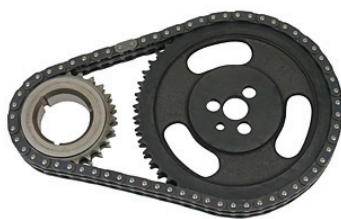
Features valve notches and floating pin. Top and second rings measure 1/16", while oil rings measure 3/16".

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.

¹ **P5249898** Connecting Rod, Floating Pin, Forged Steel, 6.86" Center-to-Center, Hemi, Sold Individually



A.



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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.

¹ **P2843177** Tappet, Mechanical, 0.0005" Undersize

C. Roller Tappet Set

Includes matched pair of roller tappets with guide bar.

¹ **P4452920** Tappet, Roller, for Bushed Lifter Bores, Hemi/Big Block, Set

D. Hydraulic Tappet

Sold individually.

¹ **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

¹ **P4529550** Pushrod, Mechanical, Overall Length 11.58" Exhaust, 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.



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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

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 Set, Camshaft, Offset, 426 Hemi/ Big Block/ Slant Six

C. Camshaft Sprocket Bolt Kit

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

CYLINDER HEADS, GASKETS, AND HARDWARE

D. Cylinder Heads, Aluminum

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.

¹ **P5153875** Cylinder Head, Aluminum, Assembly, as used on 528 Hemi Crate Engine

¹ **P5153779** Cylinder Head, Aluminum, Bare, 426 Hemi

E. New! Cylinder Heads, Cast Iron

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.

¹ **P4876855** Cylinder Head, Cast Iron, Assembly, as used on 426 Hemi Crate Engine

¹ **P4529898** Cylinder Head, Cast Iron, Bare, 426 Hemi



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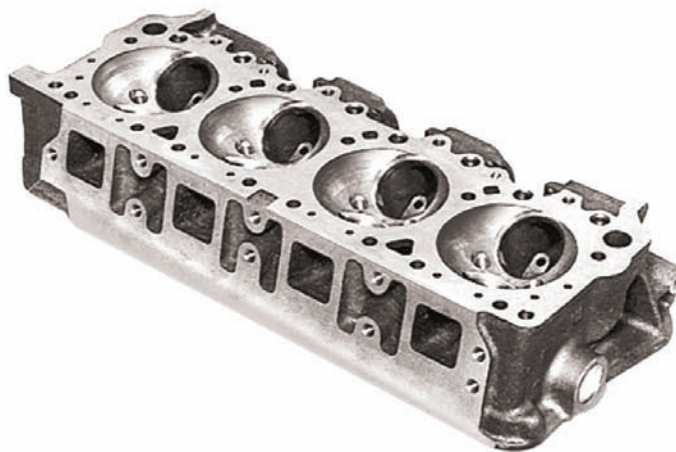
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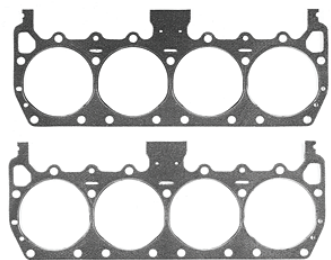
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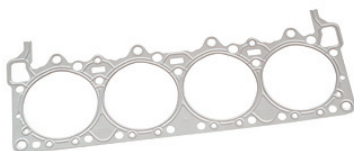
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E. P4529898



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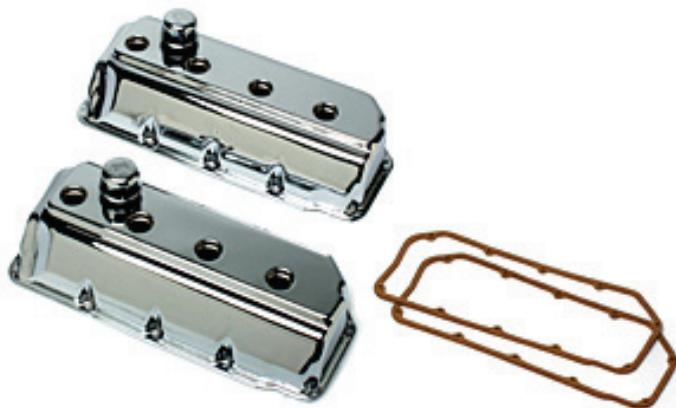
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CYLINDER HEADS, GASKETS, AND HARDWARE

A. Cylinder Head Gasket, Composite Material

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

B. Cylinder Head Gasket, Multi-Layer Steel

Hemi multi-layer steel gaskets. Sold in pairs.

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

C. Cylinder Head Hardware

- P4529978** Bolt Set, Cylinder Head, For Original and Restoration Blocks. Includes Head Bolts, Washers, Nuts, and Studs (3.86" Long) for One Cylinder Head, Requires Additional 4 1/2" Inboard Stud for Use With Current Replacement Blocks, 426 Hemi
- P5249570** Hardware Kit, Cylinder Head, Includes Dowels (10) and Freeze Plugs (4), 426 Hemi

VALVE COVERS AND HARDWARE

D. 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

E. 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 brackets and nuts. P4529399 also includes chrome breather cap, metal PCV valve and nuts. 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



B. Service Parts for Cast Aluminum Valve Covers

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

P5007499 Cap, Breather, Bolt-On

P5249949 Cap, Oil Fill, Screw-In

P5249947 Stud and Nut Set, 20 Pieces Each

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 Stud and Nut Set, 20 Pieces Each, 1966-71 426 Hemi



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

E. Chrome Breather Cap

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

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



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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 and P4286775



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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** Retainer, 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°



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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 vandium	P4452033
P3690933	1.83"/1.86"	Single/damper	1.53"	0.224"	0.440"/0.500"	Chrome vandium	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 vandium	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.



A.



B.

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 **P4529708AB** Rocker Arm, Mechanical, 1.65 Ratio, Exhaust

¹ **P4529707AB** 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, 426 Hemi

P5249631 Rocker Shaft, Intake, On-Center, 426 Hemi

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



C.



D.



E.

ROCKER ARMS, SHAFTS, SUPPORTS, AND HARDWARE

A. Rocker Shaft Stand

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.

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

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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, .878" I.D., 1.246" O.D., Set of 12



C.

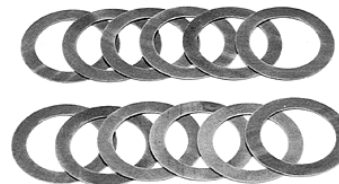
D.

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, Holly 4150 Series, 426 Hemi



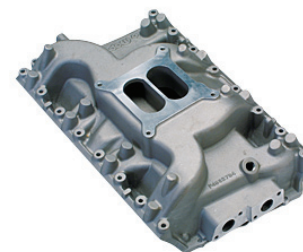
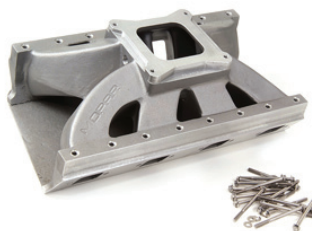
F. Dual Plane Intake Manifold

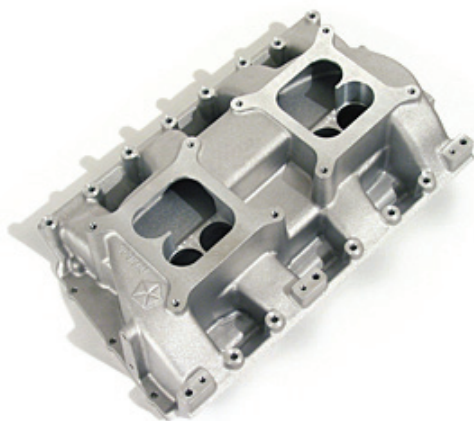
This revised four-barrel aluminum Dual Plane Intake Manifold features a rectangle port and fits all Hemi 426/472/528 engines. Stock exhaust heat is now located on the rear of the manifold, just like the original dual four-barrel production in-line manifold.

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

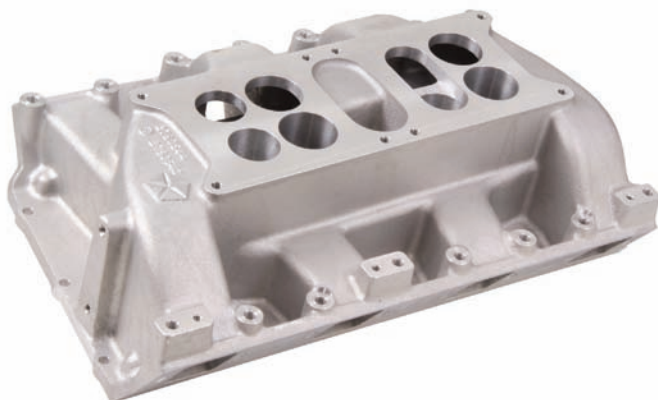
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INTAKE MANIFOLDS, HARDWARE, AND GASKETS

A. Dual Quad Intake Manifold- Holly Carb

This new aluminum in-line Dual Quad Hemi Intake Manifold is based on the Marine 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, Holly Carb Set Up, 426 Hemi

B. Dual Quad Intake Manifold- AFB Carb

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 numbers along with the Chrysler Pentastar logo. Designed specifically for the 426 Street Hemi.

¹ **P5153737** Intake Manifold, Aluminum, Dual Quad, AFB Carb Set Up, 426 Street Hemi

C. Cross Ram Intake Manifold

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.

¹ **P5007534** Intake Manifold, Aluminum, Cross Ram, Dual Four-barrel Carburetors, 426/472/528 Hemi
P5007334 Gasket, Cross Ram, For Removable Top

D. Dual Plane Intake Manifold - Six Pack

This intake manifold is designed to allow the use of (3) 2-barrel Six Pack carburetors on a 426 C.I.D. Chrysler Hemi engines. This intake manifold has mounting bosses on the drivers side that are the same as the stock style dual 4 barrel Hemi intake. The carburetor pads have the same dimensions and position as a 1969-1971 440 C.I.D. Chrysler Six Pack. This intake manifold can be used with the 440 carburetors, fuel line kit, linkage kit, and air cleaner. be sure to check for hood clearance with the air cleaner.

¹ **P5153738** Intake Manifold, Dual Plane, Six Pack, 426 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, 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, 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.

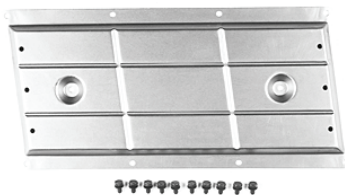
- ¹ **P4452779** Carburetor, Cross Ram, Left, 1964-65, 1968 Race Hemi
- ¹ **P4452778** Carburetor, Cross Ram, Right, 1964-65, 1968 Race Hemi



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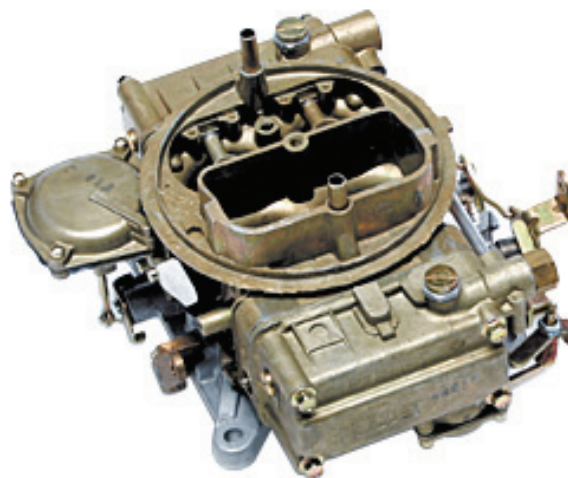
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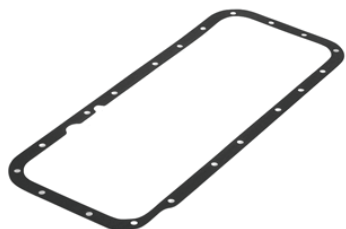
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CARBURETORS AND HARDWARE

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, Hemi

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, Hemi/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

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, Set of 20 Bolts

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



A.



B.

B. Oil Pressure Relief Spring

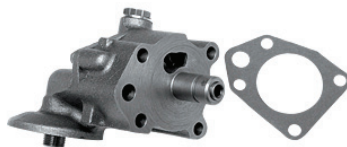
Increases engine oil pressure over stock spring for high-performance applications. Delivers up to 70 lbs. of oil pressure. Includes a cap and instructions.

- P4286571** Spring, Oil Pressure Relief, B/RB/ Hemi

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 With 02084355 Service Gasket



C.



D.

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 Oil System



E.



F.

F. Oil Filter- Performance

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, 6/8 Cylinder Engines



A.



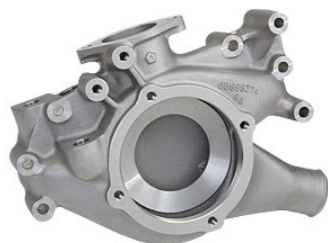
B. P4529805



B. P4529187



C.



D.



E.



F.

OILING COMPONENTS

A. 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, Race, Black Finish, 426 Hemi, Big Block, Small Block

B. Oil Filter- Restoration

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, Restoration, Black with Yellow Mopar logo, 1962-66 V8

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

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

COOLING SYSTEMS

C. Lightweight Aluminum Water Pump

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

¹ **P5007643AB** Water Pump, Aluminum, B/RB/ Hemi

D. 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.

¹ **P4286900** Water Pump Housing, Aluminum, B/RB/ Hemi

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

E. Water Pump Installation Kit

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

¹ **P5007449** Water Pump Installation Kit

F. Chrome Water Pump Housing Bolts

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

P5007621 Bolts, Water Pump, Chrome

COOLING SYSTEMS

A. 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



A.

B. 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



B.

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.

P4120758 Viscous Fan Package, 18" fan. 3.25 Pitch



C.

D. 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

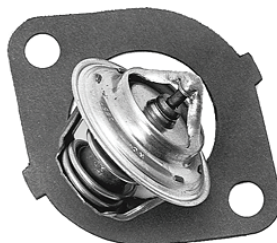


D.

E. Thermostat

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

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



E.

F. 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)



F.

AUTHENTIC PERFORMANCE™



HEMI® GEN III
392 – 6.1L – 5.7L



PERFORMANCE

CRATE ENGINES

A. 392 Hemi Crate Engine, 540 Horsepower

Mopar's fire-breathing, 525-horsepower (490 ft.-lbs. Torque) fuel-injected 392 Hemi crate engine is an all-new engine assembly for a new generation of Mopar enthusiasts. Comes complete with a preprogrammed engine controller and harness to ensure compatibility with virtually any vehicle configuration. The original 392 Hemi (Gen I) was introduced on 1957 Chrysler and Imperial models, replacing the 354-cid version of the Hemi from 1956. Drop in a 392 Hemi and drop in a legend!

- ¹ **P5153603** Block, Long, Complete Engine from Valve Covers to the Oil Pan, Requires Intake Manifold and Engine Control System, 392 Hemi
- ¹ **P5153604** Crate Engine, 392 Hemi, Carbureted, 540 Horsepower, 490 ft.-lbs. Torque
- ¹ **P5153605** Crate Engine, 392 Hemi, EFI, 525 Horsepower, 510 ft.-lbs. Torque

Specifications:

- Deep-Skirted Cast Iron Block with Cross-Bolted Mains
- CNC Ported Aluminum Twin-Plug Cylinder Heads
- Stainless Steel 2.100" Intake and 1.600" Exhaust Valves
- Ovale Wire (Beehive) Competition Valve Springs
- Viton Competition Valve Stem Seals
- 279°/285° (duration @ .006") Hydraulic Roller Camshaft
- 0.584" Intake and 0.552" Exhaust Lift
- Forged Pistons (4.055" Bore)
- 10.5:1 Compression Ratio
- Aluminum Single Plane High Rise Intake Manifold
- Holley 870 cfm Four-barrel Carburetor (1)
- 4140 Forged Steel Crankshaft - 3.795" Stroke
- 4130 Forged Steel I-Beam Connecting Rods - 6.200" Length
- SFI-Approved Competition Crankshaft Damper
- "Plug and Play" Wiring Harness
- 80 mm manual throttle body (2)
- Premium Tri-Metal Performance Engine Bearings
- Precision Balanced Rotating Assembly
- Distributorless Coil-On-Plug (COP) Ignition System

"Plug & Play" Engine Management System (EMS) Features Include:

- Windows® software
- Built-In Peak and Hold Injector Drivers
- Built-In Direct Drive Ignition
- Built-In Dual Wideband UEGO Controllers
- UEGO sensors not required or included
- Sequential Fuel Injection
- Soft Cut Rev Limiters
- Onboard 512 kb Datalogger
- Definable Knock Control
- Full Idle Control
- Uses all the Factory Sensors
- Complete 392 calibration included

Note: (1) Carbureted Engine Only; (2) EFI Engine Only

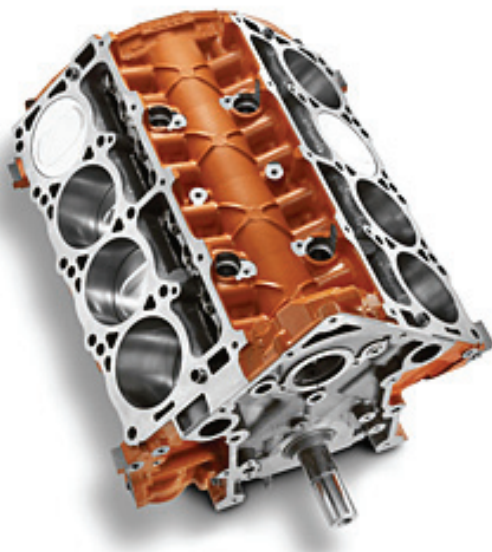
Note: 10.5:1 compression ratio allows the use of current high-octane premium pump gasoline (92+ octane). Crate engines that change the emissions performance of the vehicle may not be legal for use on vehicles regulated for highway use in California and other states. Horsepower and torque rating based on test engine. Ratings may vary on individual engines.



A.



A.



B.



C.

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.

BLOCKS

B. Short Block Assemblies

- ¹ **P5155003** Block, Cast Iron, Short, 392 Hemi. Includes Performance Crankshaft, Pistons, Rods, and Rod Bearings.
- ¹ **P5155038** Block, Cast Iron, Short, 6.1L Hemi, Includes Performance Pistons, Rods, and Rod Bearings.

Cast Iron Blocks, 6.1L Hemi (Not Shown)

- ¹ **P5153816AB** Block, Cast Iron, 6.1L Hemi, Bare, 4.055" Bore

CRANKSHAFTS AND HARDWARE

Forged Steel Crankshaft, 392 Hemi (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

C. 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, Forged Steel, 3.580" Stroke, 2.125" Rod Journals, 5.7L Hemi

Crankshaft Trigger Wheel Kit (Not Shown)

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

VIBRATION DAMPERS

A. 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



A. 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.

B. Connecting Rod Bolt Kit - 5.7L Hemi

P5153480 Bolt Kit, Connecting Rod, 5.7L Hemi



A. P5153631

CAMSHAFTS, LIFTERS, AND HARDWARE

C. Camshaft, 392 Hemi

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

D. 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



B.



C/D.

CAMSHAFTS, LIFTERS, AND HARDWARE**A. 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. 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, Chrome Moly Steel, 0.080" Wall, 6.625" and 7.875" Length, 5/16" Diameter, 5.7L/6.1L/392 Hemi, Engine Set

CYLINDER HEADS, GASKETS, AND HARDWARE**C. Cylinder Heads- CNC Ported**

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

¹ **P5153345** Cylinder Head, CNC-Ported, Bare, LH, 5.7L Hemi

¹ **P5153346** Cylinder Head, CNC-Ported, Bare, RH, 5.7L Hemi

¹ **P5153343** Cylinder Head, CNC-Ported, Asm., LH, 5.7L Hemi

¹ **P5153344** Cylinder Head, CNC-Ported, Asm., RH, 5.7L Hemi

¹ **P5153349** Cylinder Head, CNC-Ported, Asm., LH, 6.1L/392 Hemi

¹ **P5153350** Cylinder Head, CNC-Ported, Asm., RH, 6.1L/392 Hemi



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.

VALVE COVERS AND HARDWARE

A. 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



A.

INTAKE MANIFOLDS, HARDWARE, AND GASKETS

B. 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.

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



B. P4510582

C. Dual Plane Intake Manifold

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

- P5153895** Intake Manifold, Aluminum, Dual Plane, Dual Quad, Accepts AFB / AVS Style Carburetors, Use With Carburetors and Linkage Kit P51563904, and Gasket Set P5153758, 6.1L/392 Hemi
- P5153556** Intake Manifold, Aluminum, Dual Plane, Dual Quad, Accepts AFB / AVS Style Carburetors. Use with Carburetor and Linkage Kit P5153904, 5.7L Hemi (2003-2008)



C. P5153556

D. PCV Valve Adapter

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

Intake Manifold Gaskets (Not Shown)

- P5153757** Gasket, Intake Manifold, 5.7L Hemi, Set
- P5153758** Gasket, Intake Manifold, 5.7L/6.1L Hemi, Set



D. P5155005

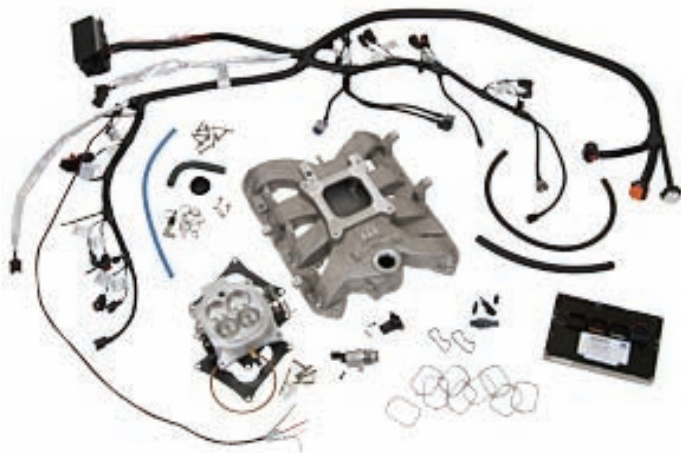
FUEL SYSTEMS/ INJECTION COMPONENTS**A. Fuel Conversion Kit, 5.7L Hemi**

Use this complete kit to convert a 2003-2005** 5.7L Hemi into a 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
- 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.

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

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.



A.

IGNITION AND ELECTRONICS

A. EMS, Non-programmable

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

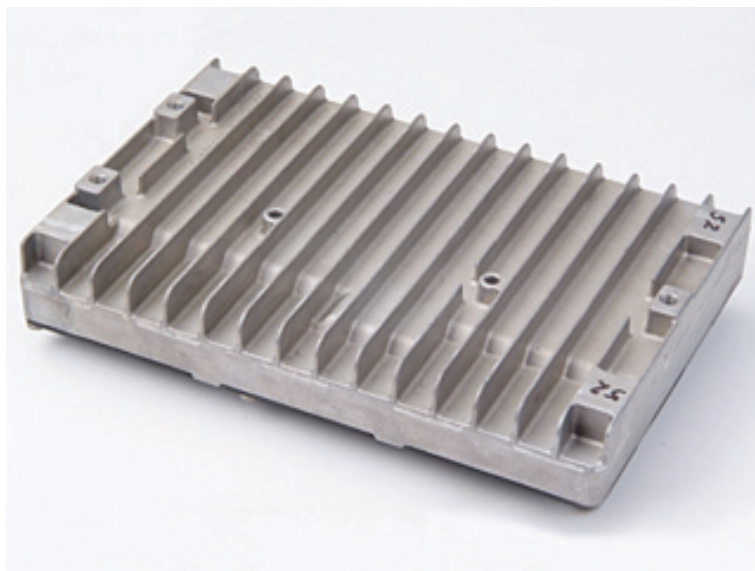
- ¹ **P4510816** EMS, Non-Programmable, Carbureted, 5.7L Hemi Engine
- ¹ **P4510342** EMS, Non-Programmable, EFI, 5.7L Hemi Engine

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.

B. 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, 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.



A. P4510816



B. P4510356

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

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 P5153530AB and P5153528.

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

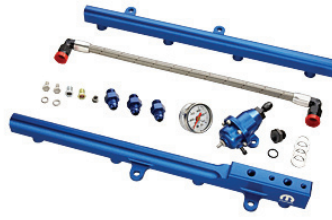
CARBURETORS AND HARDWARE

B. Holley Carburetor

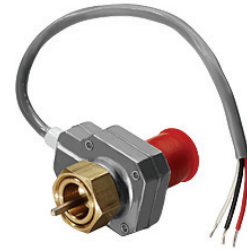
- ¹ **P4510358** Carburetor, Holley 600 cfm, 5.7L Hemi Crate Engine

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, 6.1L/ 5.7L Hemi Engine



A. P5153783



A. P5155068



A. P5155065



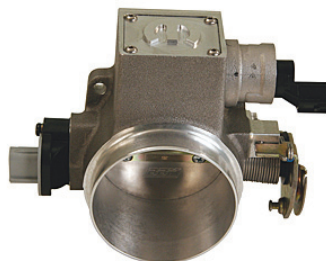
A. P5153628



A. P5153730



B.



C. P5153689



C. P4510363

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** Carburetors, Dual Quad, with linkage, includes two AVS 500 cfm Carburetors and Related Linkage. Use with Intake P5153556

OILING COMPONENTS**Oiler Filler Neck (Not Shown)**

- P5153437** Oil Fill Assembly with Cap, High Rise, For Use With 5.7/6.1L High Rise Intake Manifold (P4510813AB)

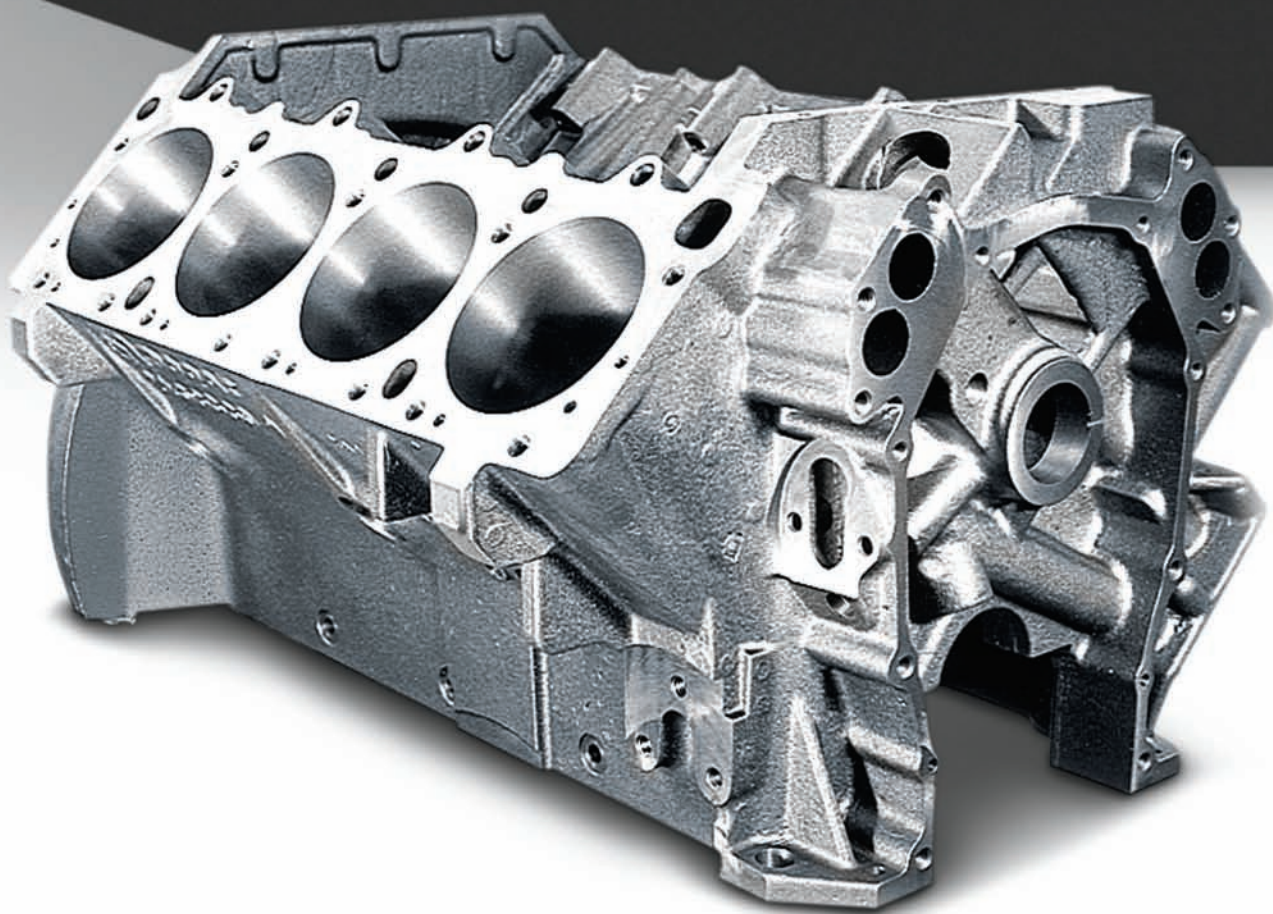
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AUTHENTIC PERFORMANCE™



BIG BLOCK



PERFORMANCE

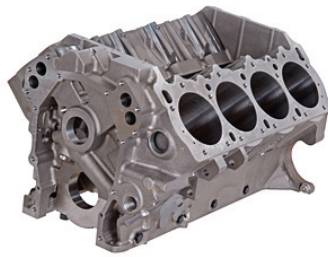
BIG BLOCK

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. P5153944



B. P5153868

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"

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



C.



D.

D. Oil Seal Package

Includes crank seals and installation tool.

- P4271961** Oil Seal Package, 426 Hemi and Big Block

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



E.



F.

F. Block Hardware Package

- P5155034** Hardware Package, Block, 426 Hemi/ Big Block, For Use With New B/RB Hemi and Wedge Engine Blocks
- P5249259AB** Hardware Package, Block, 426 Hemi/ Big Block, For Use With Original Style Hemi Blocks

G. 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 Set, 383/400 Big Block
- P3690175** Gasket, Engine Teardown Set, 426W/440 Big Block



F.



G.

CRANKSHAFTS AND HARDWARE

A. 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



A.

B.

B. 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

C. Crank Bolt Set

Used to attach the vibration damper to the crankshaft.

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



C.

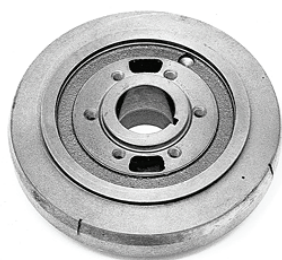
D.

VIBRATION DAMPERS

D. Steel Vibration Damper

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

- ¹ **P5249694** Vibration Damper, Steel, 440 Forged Crank, 1962-70 361/383 "B" Forged Crank, 413/426 Wedge



E.

F.

E. 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).

- ¹ **P3830183** Vibration Damper, Thin Crank, Hemi (crate engines) and Big Block without 400 Cast Crank or 440 with Six Pack Connecting Rods

F. 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)

Big Block Engine Displacement (Cubic Inches)

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

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

VIBRATION DAMPERS

A. Oil Slinger

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

¹ **P5249636** Oil Slinger, 426 Hemi/ Big Block/ Small Block/ Slant Six/ 3.9L V6

TIMING CHAIN AND SPROCKETS

B. 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, 3-bolt Mount, All Out Race, Big Block/Hemi

C. Double Roller Chain and Sprocket

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 **P5249268** Chain and Sprockets, Roller, Double, 1-Bolt Mount, B/RB, Hemi

¹ **P5249269** Chain and Sprockets, Roller, Double, 3-Bolt Mount, B/RB, Hemi

D. Chrome-Plated Front Timing Chain Cover

Package includes cover, seal, and gasket.

P4349816 Cover, Timing Chain, Chrome-Plated, Front

E. Chrome Bolt Set for Front Timing Cover

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

P4452795 Bolt Set, Front Timing Cover, Chrome

F. Front Cover Seal and Gasket (Big Block)

¹ **P4876280** Seal, Front Cover, 426 Hemi/ Big Block/ Small Block

P4876769 Gasket, Front Cover, Hemi/Big Block

CONNECTING RODS

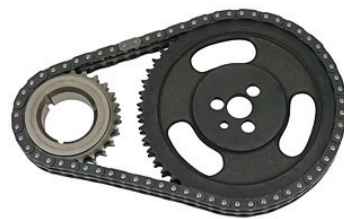
G. Forged Steel Connecting Rods

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



A.



B.



C.



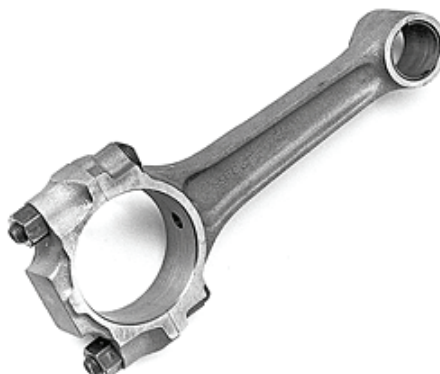
D.



E.



F.



G.

CAMSHAFTS, LIFTERS, AND HARDWARE

A. 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.

B. Camshaft Bearings

Complete engine set.

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

C. Camshaft Sprocket Attaching Hardware

- P5007801** Bolt, Camshaft Sprocket, For Three-bolt Mounting, 426 Hemi/ Big Block, Set of three
- P6030269** Sprocket Bolt, Camshaft, 426 Hemi/ Big Block, Sold Individually

D. 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°

- P3690936** Bushing Set, Camshaft, Offset, 426 Hemi/ Big Block/ Slant Six

E. Hydraulic Tappet

Sold individually.

- ¹ **P4006767** Tappet, Hydraulic, Hemi/ Big Block



A.



B.



C.



D.



E.

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	*P4120659	*P4120661	*P4120237	*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. Mechanical Tappet**

Sold individually.

¹ **P2843177** Tappet, Mechanical, 0.0005" Undersize**B. Roller Tappet Set**

Includes matched pair of roller tappets with guide bar.

¹ **P4452920** Tappet, Roller, for Bushed Lifter Bores, Hemi/Big Block, Set**C. 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 16¹ **P4529559** Pushrod, Hydraulic, 9.31" Length, "RB" Engine, Set of 16¹ **P4529545** Pushrod, Hydraulic, 9.31" Length, "RB" Engines, Sold Individually¹ **P4529560** Pushrod, Mechanical, 9.20" Length, Ball and Cup Style, "RB" Engine, Set of 16¹ **P4529546** Pushrod, Mechanical, 9.20" Length, Ball and Cup Style, "RB" Engine, Sold Individually

A.

B.

**D. Mechanical/Hydraulic Pushrods**

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

¹ **P4876392** Pushrod, Mechanical/Hydraulic, "RB" Engines, Set of 16¹ **P4876391** Pushrod, Mechanical/Hydraulic, "RB" Engines, sold individually

C.

D. P4876392

**CYLINDER HEADS, GASKETS, AND HARDWARE****E. Aluminum 452 Cylinder Head**

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. 361 and 440 Engines

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

D. P4876391

E. P5153524

BIG BLOCK

CYLINDER HEADS, GASKETS, AND HARDWARE

A. Stage VII Big Block Cylinder Heads

- ¹ **P5153823** Cylinder Head, Aluminum, Raised Port, Angled Plug, 2.20" Intake, 1.81" Exhaust, Max Wedge, Stage VII, B/RB.
- ¹ **P5153654** Cylinder Head, Aluminum, Raised Port, Angled Plug, 2.20" Intake, 1.81" Exhaust, Wedge, Stage VII, B/RB



B. Cylinder Heads, Max Wedge

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

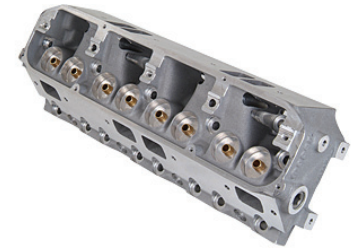
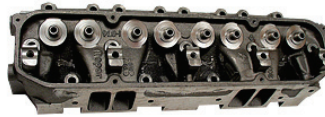
A. P5153823

A. P5153654

C. Cylinder Heads, Stage VI Pig Port

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



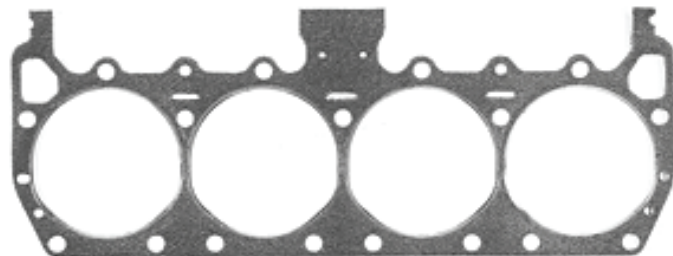
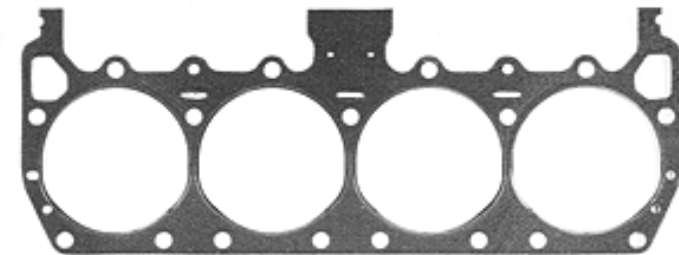
B. P5007494

C.

D. 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, Composite 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



D.

CYLINDER HEADS, GASKETS, AND HARDWARE

A. Steel Cylinder Head Gasket Sets

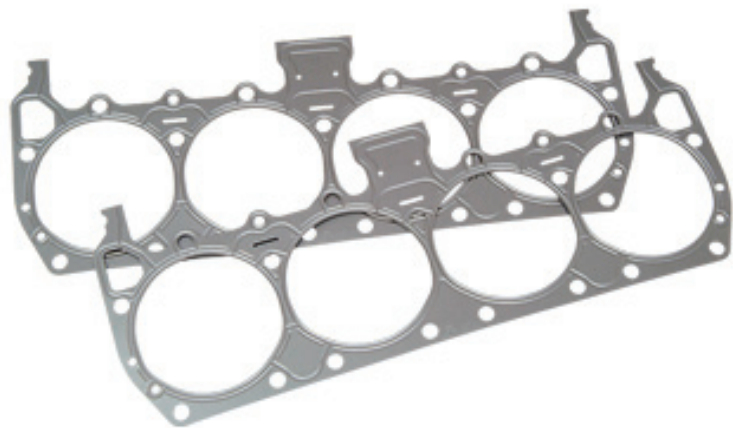
Sold as an engine set.

- P5155237** Gasket, Cylinder Head, Multi-Layer Steel, 0.025" Thickness, Engine Set
- P4286754** Gasket, Cylinder Head, Single Layer Production Style, 0.020" Thickness, Engine Set

B. Head Bolt Set

Includes all required head bolts.

- P4120472** Bolt Set, Cylinder Head, 7/16"



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

CYLINDER HEADS, GASKETS, AND HARDWARE

A. 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.

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



VALVE COVERS AND HARDWARE

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.

P5007614 Valve Cover, Cast Aluminum, Black Wrinkle, Set

A.



B.

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

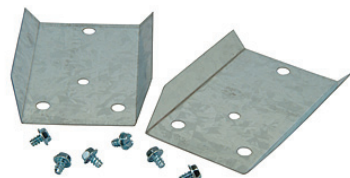
Part Number	Head / Assembly	Material	Chamber	Valve Sizes	Approx. Weight	Description
*P5153524	Assembly	Aluminum	84	2.14/1.81	25	Complete assembled head, straight spark plug design
*P4529335	Head	Aluminum	78 cc	2.14/1.81	25	Bare machined casting with bronze guides
*P5249579	Head	Aluminum	78 cc	2.14/1.81	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"



A.



B.



C.



D. P4349633AB



E.



F.

VALVE COVERS AND HARDWARE

A. "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

B. 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, Set

Valve Cover Gasket Set (Not Shown)

P4120101 Gasket, Valve Cover, Production Material, Set

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

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. Chrome Direct Connection Valve Covers

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

E. Chrome Valve Cover Hardware

For stamped steel valve covers only. Accessory kit includes 12 chrome-plated screws and washers, one chrome-plated oil filter cap and two rubber grommets.

P4120272 Valve Cover Accessory Set, Big Block or Small Block

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

P5007458 Bolt Set, Valve Cover, Chrome, Big Block/Small Block, 12 Pieces

P4349620 Washer Package, Chrome, 12 Pieces

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

BIG BLOCK

VALVE COVERS AND HARDWARE

A. Chrome Valve Cover Bolt Set

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

P5007458 Bolt Set, Valve Cover, Chrome, Big Block/Small Block, 12 Pieces



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.

P4529881 Breather Cap, Push-In Style

P4529880 Breather Cap, Twist-On, Bottom Vented

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.

¹ **P4120618** Valve Keepers, 7°, Single Groove

¹ **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.

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, Chrome Moly, 3/8", Single, Std Height, 7°
- P4120785** Retainer, Titanium, 3/8", Dual, Std Height, 10°
- P4452769** Retainer, 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.



A.



B.



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 vandium	P4452033
P3690933	1.83"/1.86"	Single/damper	1.53"	0.224"	0.440"/0.500"	Chrome vandium	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 vandium	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.



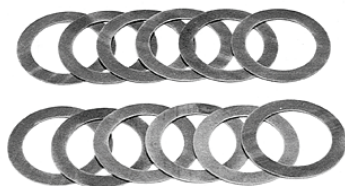
A.



B.



C.



D.



E.



F.

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, Hydraulic, 1.5 Ratio, Left, Service
- ¹ **P4529476** Rocker Arm, Hydraulic, 1.5 Ratio, Right, Service
- ¹ **P4120974** Rocker Arm, Mechanical, 1.5 Ratio, Package
- ¹ **P5249798** Rocker Arm, Mechanical, 1.6 Ratio, Right, Service

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. Rocker Arm Adjusting Screw and Nut Set

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

- 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, .878" I.D., 1.246" O.D., Set of 12

E. Rocker Shafts

- P4529101** Rocker Shaft, Hydraulic Valve Gear, On-Center, Sold Individually

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

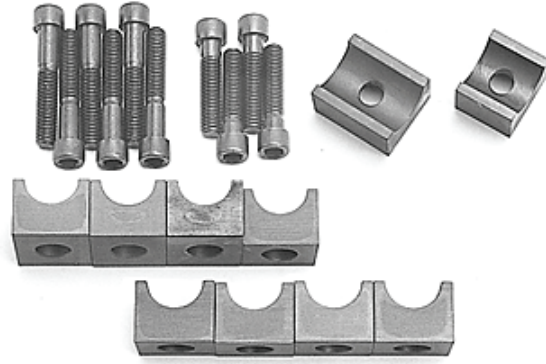
BIG BLOCK

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).

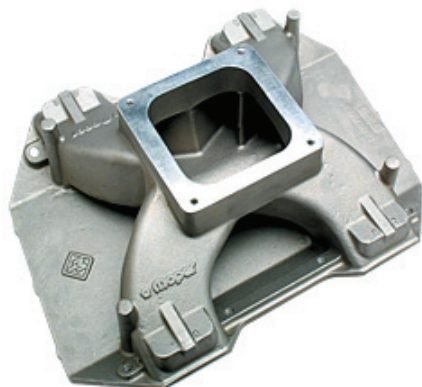
P4452801 Springs, Rocker Shaft, B/RB



D.



A.



B.



C.



D.

INTAKE MANIFOLDS, HARDWARE, AND GASKETS

A. Single Plane Intake Manifolds

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 Intake Manifolds- 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 Intake Manifolds

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.

- 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

INTAKE MANIFOLDS, HARDWARE, AND GASKETS

A. Cross Ram Intake Manifold- 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.



A. P5007330

- 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).

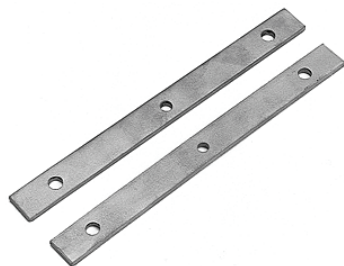


B. P5249433

- 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
- ¹ **P5155129** Gasket, Intake Manifold, Stock RB Wedge

Big Block Intake Manifold Application Chart
Intake Manifold Application Chart

Engine	Cylinder Head	Performance			RPM Range	Resto	Drag Race	Street Rod	RV Truck
		Level	Carburetor						
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	—	—	



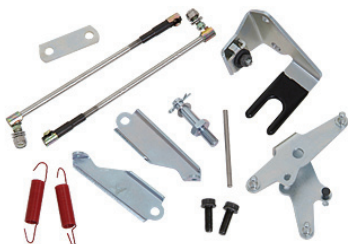
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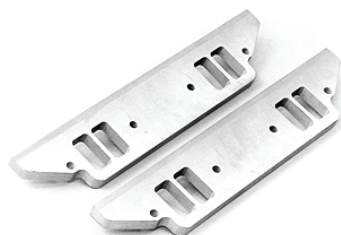
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C.



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, Hemi and Max Wedge

D. Max Wedge Intake Linkage Package

¹ **P5153567** Linkage Kit, Max Wedge Intake Manifolds

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.

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 Set, Intake Manifold, 383/440 Big Block



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, Hemi/Big Block

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

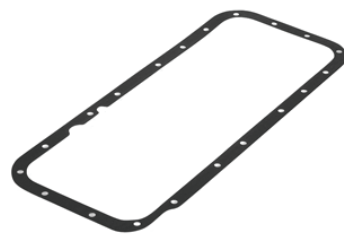
P5249064 Oil Pan, Six-Quart, Rear Sump

A.

B.

C. Oil Pan Bolt Set

P4120613 Bolt Set, Oil Pan, 426 Hemi, Big Block/ Small Block, Set of 20 Bolts



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

C.

D.

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



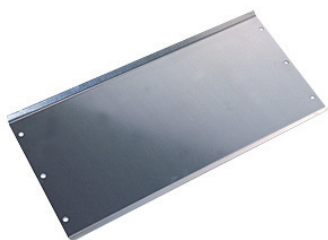
E.



A.



B.



C.



D.



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** Spring, Oil Pressure Relief, B/RB/ Hemi

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 With 02084355 Service Gasket

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 Oil System



B. Chrome Dipstick and Tube

- P4349629** Dipstick and Tube, Chrome, Big Block

C. Oil Filter- Performance

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

- P4452890** Oil Filter, High-Performance, Black Finish, 6/8 Cylinder Engines

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, Race, Black Finish, 426 Hemi, Big Block, Small Block

E. Oil Filter- Restoration

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

A.

B.



C.

D.



E. P4529805

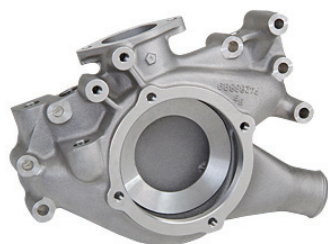
E. P4529187



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.

¹ **P5007643AB** Water Pump, Aluminum, B/RB/ Hemi

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.

¹ **P4286900** Water Pump Housing, Aluminum, B/RB/ Hemi

Note: Radiator hose inlet 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.

¹ **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.

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.

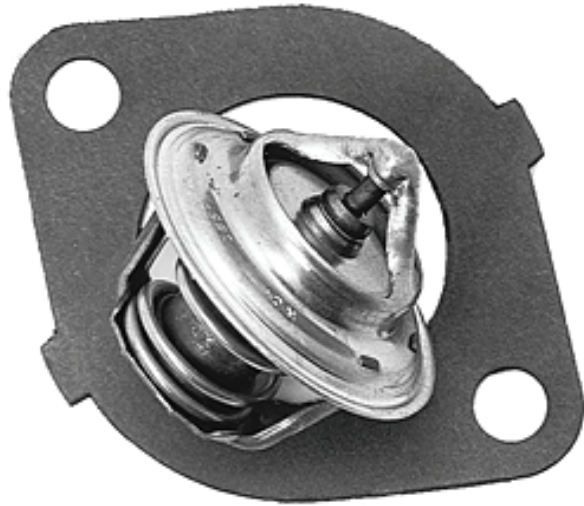
P4120758 Viscous Fan Package, 18" fan. 3.25 Pitch

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.

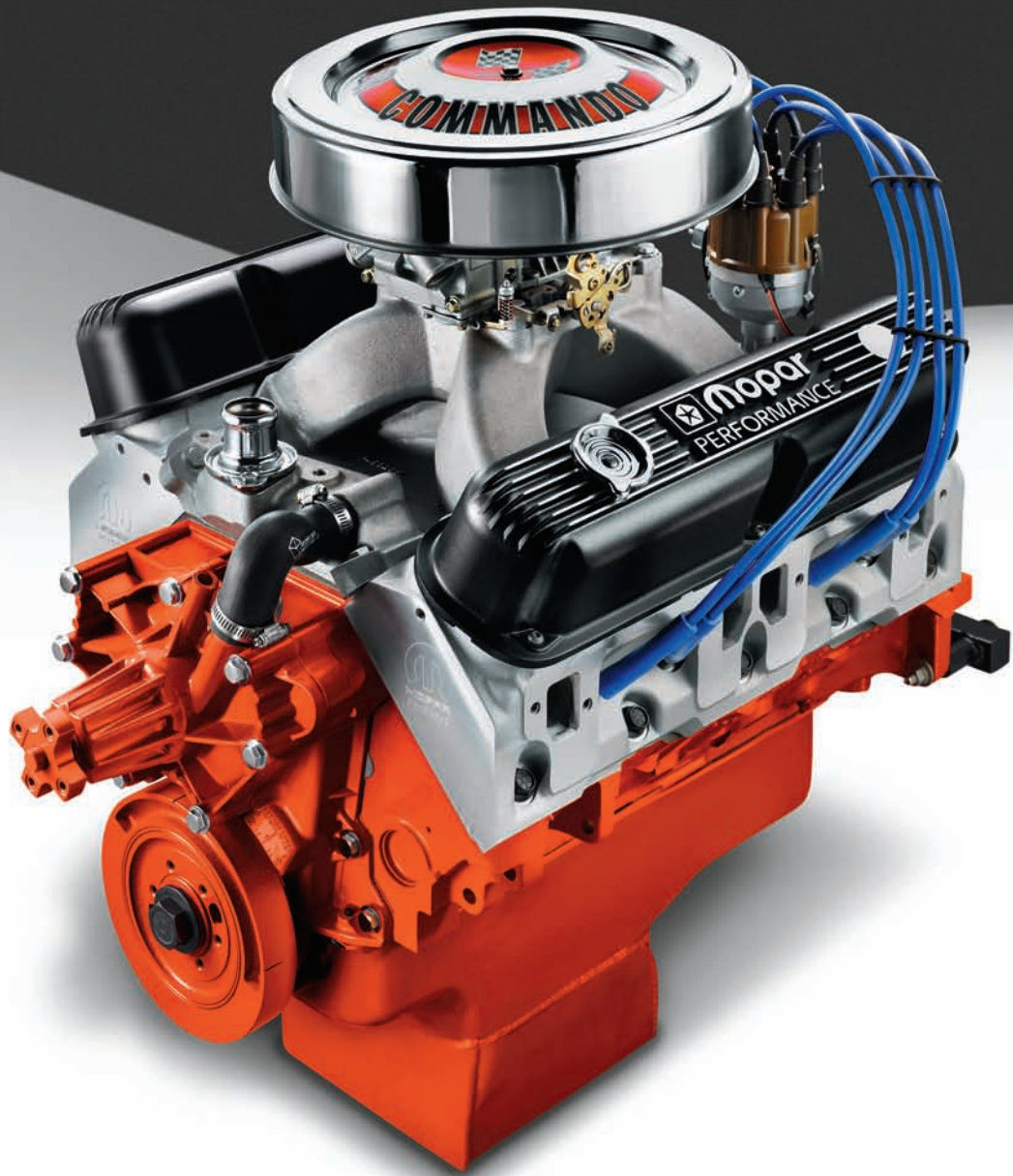


C.

AUTHENTIC PERFORMANCE™



SMALL BLOCK



PERFORMANCE

SMALL BLOCK

CRATE ENGINES

A. 440 Super Commando Crate Engine - 530 Horsepower

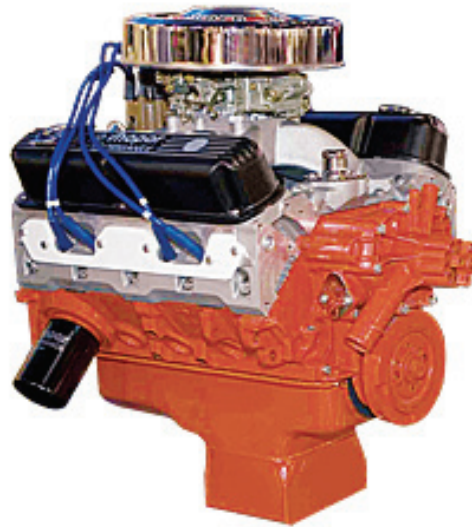
Big block power and cubic inches in a small block package! Mopar's 440 Super Commando small block stroker crate engine gives you over 500 horsepower on pump gas, and offers the compact size of a small block.

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

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: 2.080"/1.600" Stainless, w/ 5/16" Stems
- Connecting Rods: Forged 6.123"
- Rocker Arm: Aluminum Roller with 1.6:1 Ratio

Note: 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. Shown with carburetor, not included

CRATE ENGINES

A. 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, 410 Six Pack, 470 Horsepower, 490 ft.-lbs. Torque

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 and P4349238 Outboard (not included).

Note: 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. Shown with carburetors, not included

SMALL BLOCK

CRATE ENGINES

A. 360 Magnum Crate Engine - 405 Horsepower

Mopar offers a high output Magnum 360, now standard with new aluminum Magnum cylinder heads. Mopar testing produced 405 horsepower at 5,900 rpm, with peak torque output of 400 ft.-lbs. at 4,600 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, 405 Horsepower, 400 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

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).

Note: 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.

BLOCKS

Long Block Assemblies (Not Shown)

¹ **P5153947** Block, Long Assembly, 5.9L/360 Magnum



A. Shown with carburetors, not included

SMALL BLOCK

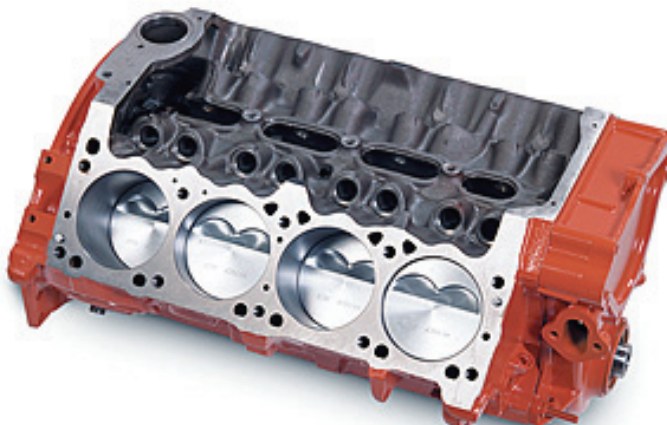
BLOCKS

A. 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

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.



A.



A.

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

BLOCKS**A. HP Magnum and "LA" Blocks**

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

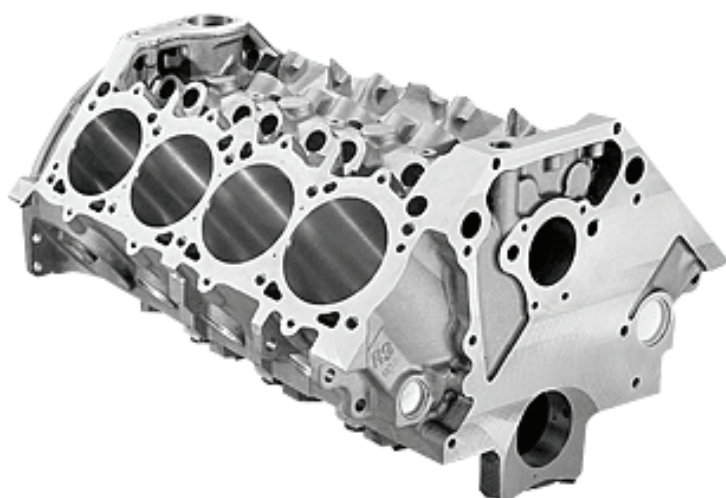
Features:

- 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 (requires 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)



A. P5007552AB

- 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



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.

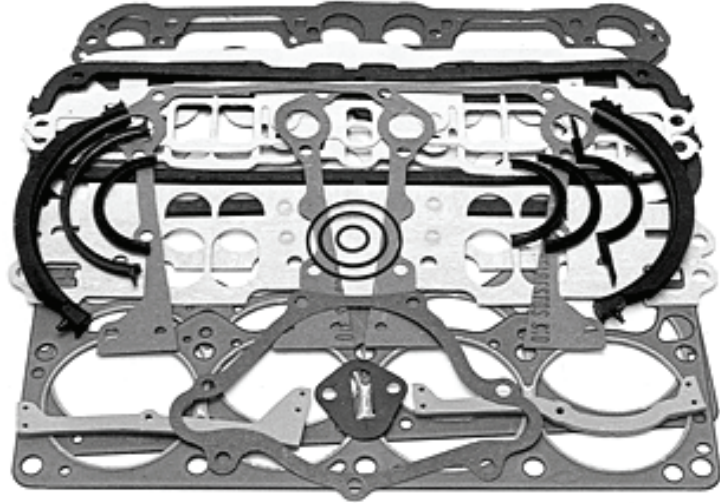
SMALL BLOCK

ENGINE BLOCK HARDWARE

A. 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 Gasket, Engine Teardown, 340/360 Small Block, Set



A.

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.

ENGINE BLOCK HARDWARE

A. "A" Engine Bearing Package

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

¹ **P5153513** Main Bearings, Standard, 318/340



B. 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, (oil filter plate and gasket will not fit 1965-'92 273/318/340/360 "LA" engines-use Mopar part numbers - plate 2402103, and gasket 04897939AA)

A.

B.

C. 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



CRANKSHAFTS AND HARDWARE

D. 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

C.

D.

E. 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



F. Crank Bolt Set

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

¹ **P5249557AB** Bolt Set, Crank, 2.25" Length, 426 Hemi/ Big Block/ Small Block/ Aftermarket Dampers

E.

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

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

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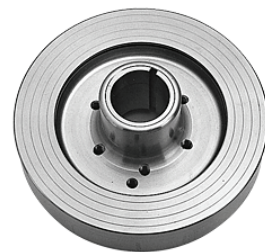
SMALL BLOCK

CRANKSHAFTS AND HARDWARE

A. 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



VIBRATION DAMPERS

B. 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

C. 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

D. 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)

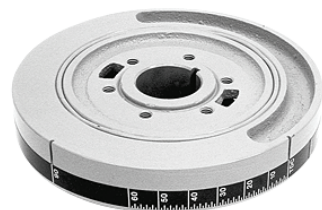
E. Oil Slinger

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

¹ **P5249636** Oil Slinger, 426 Hemi/ Big Block/ Small Block/ Slant Six/ 3.9L V6

A.

B.

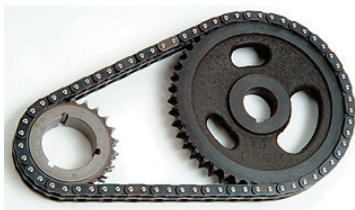


C.

D.



E.



A/B.



C.



D.



E.



F.

TIMING CHAIN AND SPROCKETS

A. 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

B. 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

C. 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

D. Front Cover Seal and Gasket

- ¹ **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

E. Timing Chain Covers

- ¹ **P5249930AB** Cover, Timing Chain, Production, Includes Seal and Gasket, 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

F. Chrome Bolt Set for Front Timing Cover

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

- P4529256** Bolt Set, Chrome, Water Pump, 1969-92 "A" Engine

CAMSHAFTS, LIFTERS, AND HARDWARE

A. 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.

B. 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.

C. 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



A/B.



C.

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	—	—

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

CAMSHAFTS, LIFTERS, AND HARDWARE

A. 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

B. Camshaft Plate Kit

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

- ¹ **P5249637** Camshaft Plate Kit

C. Camshaft Sprocket Attaching Hardware

Required when a fuel pump eccentric is used.

- ¹ **P4529838** Hardware Package, Camshaft Sprocket

D. Mechanical Tappet

Sold individually.

- ¹ **P2843177** Tappet, Mechanical, 0.0005" Undersize

E. Hydraulic Tappet

Sold individually.

- ¹ **P3614321** Tappet, Hydraulic, 340 Engine

F. 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

G. Drill Fixture Tool

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

- ¹ **P5007728** Drill Fixture Tool, Small Block

H. Pushrods

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

I. Dog Bones

- ¹ **P5155275** Dog Bone Kit, For Hydraulic Roller Tappets on Magnum Race Blocks P5153452 AND P5153579, Includes 8 Dog Bones, Screws, Springs



A.



B.



C.



D.



E.



F.



G.



H. P5153848



I.



A. P5153849



A. P5153850



B.



C.

CYLINDER HEADS, GASKETS, AND HARDWARE

A. "LA" Cylinder Heads

Aluminum Assemblies, Requires Head Bolt Set P5153851.

- ¹ **P5153849** Cylinder Head, Aluminum, 63 cc Combustion Chamber, 2.020"/1.600" Valves With HP Springs, 1967-1992 "LA" 318/360 Engines
- ¹ **P5153850** Cylinder Head, Super Commando, Aluminum, Machined and Assembled with 2.080" / 1.600" Valves (5/16" Stem) with HP Springs, Use Rocker Arm Set P5153995, "LA" Engines

B. Cylinder Heads, Cast Iron, W2 Race

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

SMALL BLOCK

CYLINDER HEADS, GASKETS, AND HARDWARE

A. Cylinder Heads, Aluminum, W9

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, GASKETS, AND
HARDWARE

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
*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
*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

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
*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
*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
*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
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
*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
*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

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
*P5153847	Magnum - Assy	Aluminum	58 cc	59°	18°	2.02"/1.60"	8 mm	175 cc		Rect.	std	10 bolt	30
*P5153849	"LA" - Assy	Aluminum	63 cc	59°	18°	2.02"/1.60"	8 mm	171 cc		Rect.	std	5 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
*P5153849	Commando - Assy	Aluminum	53 cc	59°	18°	2.02"/1.60"	3/8"	177 cc	222 cfm	Rect. 360	std	Std 5 bolt	30
*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

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
*P4510324	W9	Aluminum	62 cc	59°	15°	2.15"/1.60"	3/8"	200 cc	290 cfm	Rect. W8/9	"D" W7/9	Std 5 bolt	22

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SMALL BLOCK

CYLINDER HEADS, GASKETS, AND HARDWARE

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

B. Low Compression Ratio Composition Material Gasket

Not recommended for compression ratios over 10:5.1.

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

C. 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
- ¹ **P4876759** Bolt Set, Cylinder Head, Magnum, Small Block/ 5.2L/5.9L Truck Magnum/Jeep Engines

D. 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)

E. Hardened Washer Sets

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

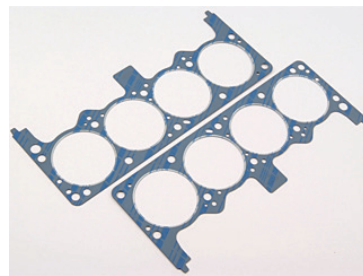
- P4120459** Washer, Hardened, 1/2", Small Block/ Truck Magnum/Jeep Engines, Set
- P4120456** Washer, Hardened, 3/8", Set

F. Exhaust Manifold Heat Shield - 340

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



A.



B.



C.



C. P5153851



D.



E.



F.



A.



B.



C. P5007446



C. P4349632AB



D.



E.

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

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, Set
- ¹ **P4452089** Gasket, Valve Cover, Race, Set

E. 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

SMALL BLOCK

VALVE COVERS AND HARDWARE

Wide Valve Cover Gaskets and Hardware (Not Shown)

- ¹ **P5249581AB** Gasket, Valve Cover, Five-Bolt Rubber with Steel Shim Reinforcement, 318/340/360/ "A" Engines up to 1992, Set
- ¹ **P4876676** Stud Kit, Wide "LA" and W8 Valve Covers, 10 Studs with Lock Nuts

A. Chrome Valve Cover Hardware

For stamped steel valve covers only. Accessory set includes 12 chrome-plated screws and washers, one chrome-plated oil filter cap and two rubber grommets.

- P4120272** Valve Cover Accessory Set, Big Block or Small Block
- P5007419** Grommet and Plug Set, Valve Cover, Big Block or Small Block
- P5007458** Bolt Set, Valve Cover, Chrome, Big Block/Small Block, 12 Pieces

B. Baffle and Screw Package

For cast aluminum valve covers only.

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

C. Valve Cover Retaining Screw Set

Package includes 12 retaining screws.

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

D. 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

E. 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.

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

F. Cast Aluminum Valve Cover Grommet Set

For cast aluminum valve covers only.

- P5007921** Grommet, Die-Cast Valve Cover, Set



A.



A.



B.



C.



D.



E. P4120446



E. P4529880



F.

VALVES AND VALVE TRAIN HARDWARE

A. 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 **P4876580** Valve, X-Long, Intake, Race, 2.15" Diameter, 5.4065" Overall Length

B. Valve Seals - Race

Sold in sets of 16.

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

C. 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

D. 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.

- ¹ **P4120618** Valve Keepers, 7°, Single Groove
- ¹ **P4286612** Valve Keepers, 10°, Single Groove
- ¹ **P4120619** Valve Keepers, 7°, Double Groove
- ¹ **P4120620** Valve Keepers, 7°, Triple Groove



A.



B.



C.



D.



D.

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)

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

SMALL BLOCK

VALVES AND VALVE TRAIN HARDWARE

A. 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

B. 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, Chrome Moly, 3/8", Single, Std Height, 7°

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

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

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



A.



B.



B.

Valve Spring Retainers					
Part Number	Material	Locks	Valve Stem	Valve Spring	Installed Height
P4286775	Titanium	10°	3/8"	Triple	.060 Over Stock
P4120785	Titanium	10°	3/8"	Dual	Stock
P4007178	Titanium	7°	3/8"	Dual	Stock
P4452033	Chrome Moly	7°	3/8"	Single	Stock

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.



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

- All valve springs are sold individually.
- 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.
- 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.
- Retainers listed are the basic recommendation. Check the actual retainer listing for other options-added installed height, materials, lock size.

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. Hydraulic Rocker Arms

Features thicker cross-sectional material in pushrod socket area for added durability. Package set 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, Production, 1.5 Ratio, 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

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

C. Mechanical Rocker Arm Package, Aluminum

Includes 16 aluminum roller rocker arms and all necessary hardware, rockers are adjustable.

- ¹ **P5153995** Rocker Arms, Aluminum, For Large Port Super Commando Head P5153850 With +0.350" Offset on the Intake Rockers, Engine Set
- 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.

D. Rocker Arm Spacer Set

- P3690896** Rocker Arm Spacer Set, 0.015" Thick, .878" I.D., 1.246" O.D., Set of 12
- P4529741** Rocker Arm Spacer Set, Hydraulic Production Style, A-Engine, Set of Eight

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

Includes eight screws and nuts.

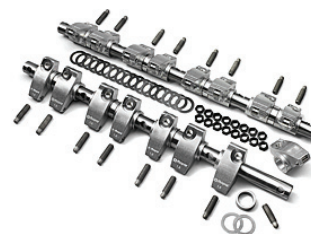
- P5007444AB** Rocker Arm Screw/Nut Set, 426 Hemi, Big Block, Small Block, 2.2L/2.5L, Slant Six, 3.9L V6

Note that two sets are required for V8 engines.



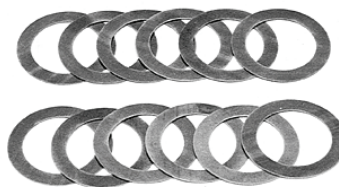
A.

B.



C. P5153852

C. P5153995



D.

E.

ROCKER ARMS, SHAFTS, SUPPORTS, AND HARDWARE

A. Rocker Shafts



- 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
- ¹ **P5249091** Rocker Shaft, Roller Valve Gear, Aluminum, On-Center, Set of Two

A.

B. 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.



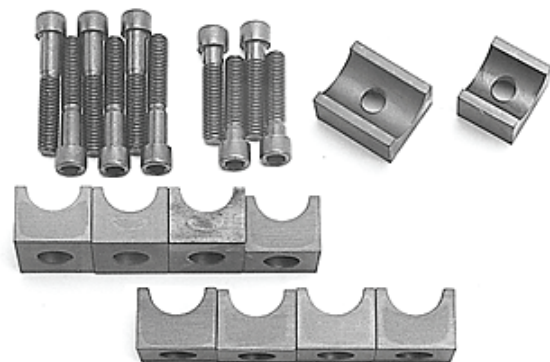
- ¹ **P5249049** Rocker Shaft Stand, Billet Aluminum, W2/W5 Heads

B.

C. 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



C.

D. 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



D.

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

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INTAKE MANIFOLDS, HARDWARE, AND GASKETS

A. Single Plane Intake Manifolds

- 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



A.



A.

INTAKE MANIFOLDS, HARDWARE, AND GASKETS

A. Dual Plane Intake Manifolds

- 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)



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

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

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SMALL BLOCK

INTAKE MANIFOLDS, HARDWARE, AND GASKETS

A. New! 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 **P4876049** Gasket, Intake Manifold, 5.9L Truck Magnum/Jeep
- ¹ **P4452101** Gasket, Intake Manifold, Small Block, 0.060" Thick
- ¹ **P4007570** Gasket, Intake Manifold, Standard "LA", 0.055" Thick
- 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** Gasket, Intake Manifold, with Heat Block-off Plate, Standard "LA", 0.055" Thick

B. Intake Manifold Attaching Bolts

- 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.

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

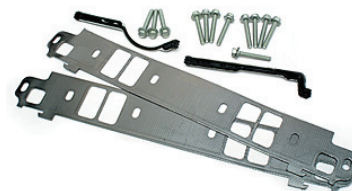
D. Choke Seal

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

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



A. P4120210



A. P4876049



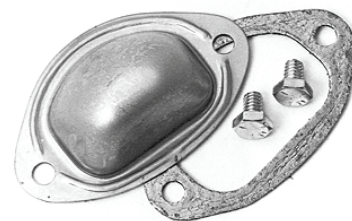
A. P5007153



B.



C.



D.

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:

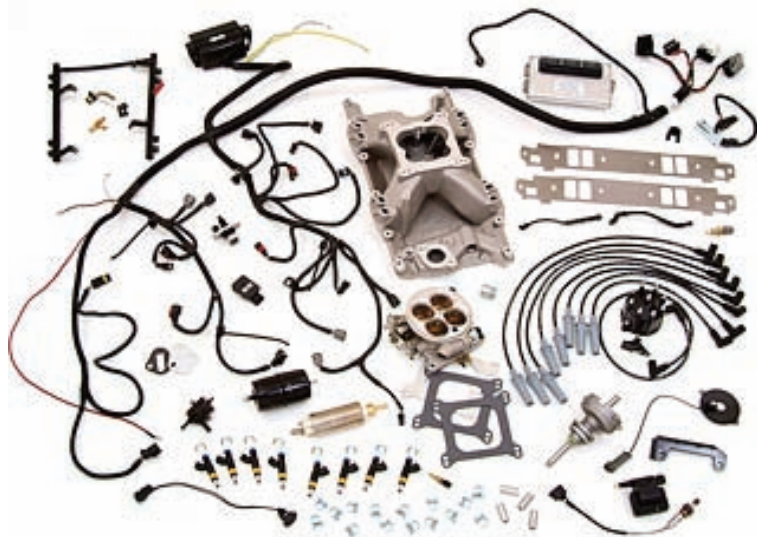
- Factory-engineered "Plug 'n Play" wiring harness for easy installation
- JTEC engine controller with unique calibration
- Intake manifold assembly with 1,000 cfm four-barrel throttle body, fuel rail and 33 lbs./hr. fuel injectors
- External electric fuel pump, filter and fuel regulator
- Distributor, 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.

SMALL BLOCK

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, Set of 20 Bolts

C. Oil Pan Gaskets

- P4452097** Gasket, Oil Pan, 1970-90 318/340 Small Block
- P4007573** Gasket, Oil Pan, 360 Small Block
- P4452093** Gasket, Oil Pan, Race, 360 Small Block
- 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

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



A.



B.



C. P4007573



C. P4007572



D.



E.



F.



G.



A.



B.

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



C.



D.

D. Chrome Dipstick and Tube

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

E. Oil Filter- Performance

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

- P4452890** Oil Filter, High-Performance, Black Finish, 6/8 Cylinder Engines



E.



F.

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, Race, Black Finish, 426 Hemi, Big Block, Small Block

SMALL BLOCK

OILING COMPONENTS

A. Oil Filter- Restoration

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



A. P4529805

A. P4529187

COOLING SYSTEMS

B. Water Pumps

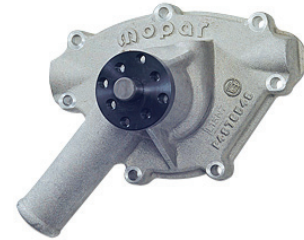
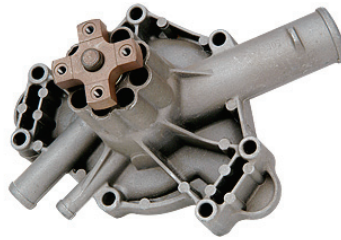
Mopar Aluminum Water Pumps feature basic high flow designs. The six-blade pump is recommended for use with cast iron cylinder heads and for drag racing applications. The eight-blade pump is recommended for use with aluminum cylinder heads and for circle track applications. Passenger side lower hose inlet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



B.

C. P4876548

D. Chrome Bolt Set for Water Pump

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

- P4529256** Bolt Set, 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.

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



D.

E.

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.

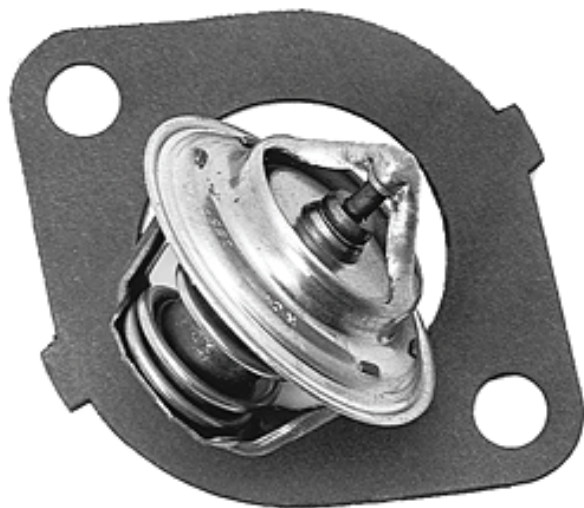
P4876307 Thermostat, 180 Degree, 426 Hemi/Big Block/Small Block/Slant Six Engines, Up to 1978

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.

P4120758 Viscous Fan Package, 18" fan. 3.25 Pitch



A.

B.

C.

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

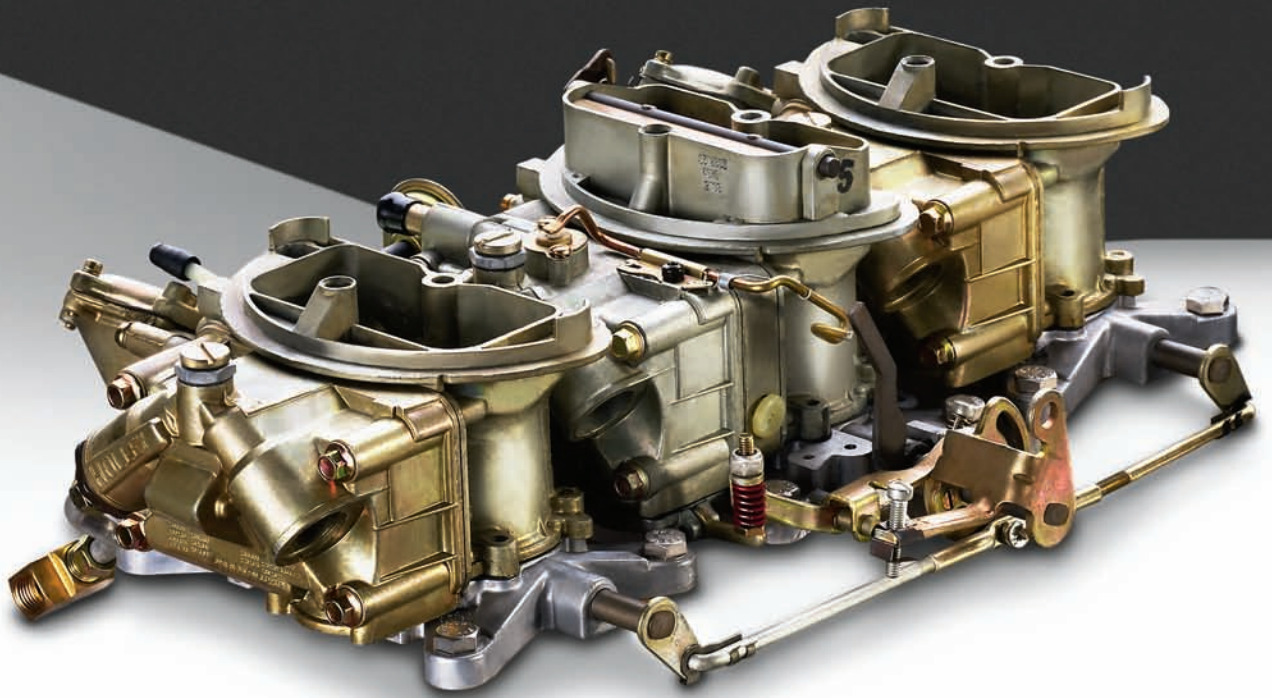
¹ Not legal on pollution-controlled vehicles or vehicles registered for highway use.



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** Carburetor, Holley Universal, R3310, 750 cfm (Big Block and Small Block)

B. Holley 600 CFM Carburetor

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

Dual Quad Carburetor and Linkage Kit (Not Shown)

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

- ¹ **P5153904** Carburetors, Dual Quad, with linkage, includes two AVS 500 cfm 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 Hemi
¹ **P4452778** Carburetor, Cross Ram, Right, 1964-65, 1968 Race Hemi

D. 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** Gasket Set, Carburetor, Holley Service, 2-bbl, R4412 and 7448, 340/440/Hemi Six Pack, Holley Cross Ram

E. Cross Ram Carburetor Air Horns

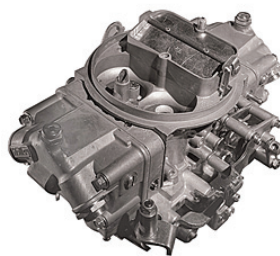
For use with Holley Cross Ram Carburetors. Perfect for Super Stock competition or restoration. Sold as a pair (front and rear).

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

F. 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.

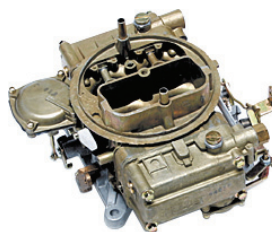
- ¹ **P4510635** Linkage, Cross Ram, Hemi



A.



B.



C.



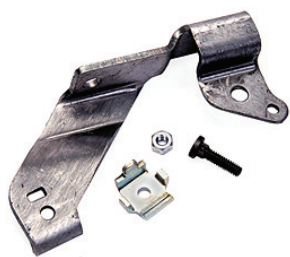
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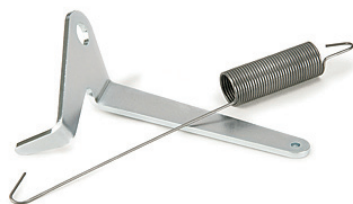
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A.



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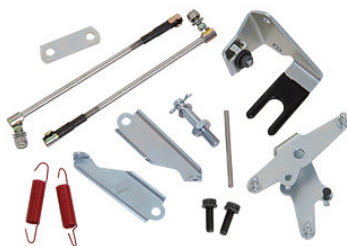
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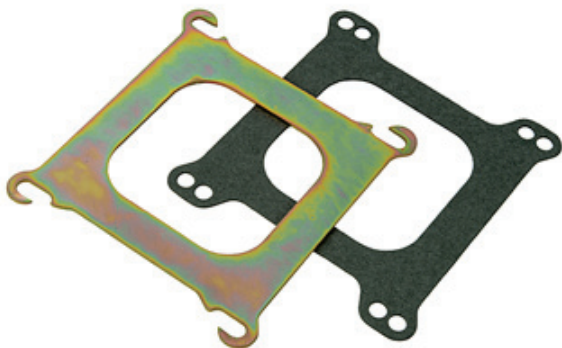
D.



E.



F.



G.

CARBURETORS AND HARDWARE

A. Throttle 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.

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

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

B. Tall Throttle Cable Mounting Bracket

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

P4510318 Bracket, Throttle Cable, Tall, Big Block

C. Tall Return Spring Bracket

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

P4510646 Bracket, Throttle Return Spring, Tall, Big 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.

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

E. Carburetor Kickdown Bracket

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

P4510319 Bracket, Carburetor Kickdown, Big Block

F. 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 Kit, Max Wedge Intake Manifolds

G. 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

FUEL SYSTEMS

CARBURETORS AND HARDWARE

A. 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. 77R06295

VAPOR SEPARATOR

B. Vapor Separator

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

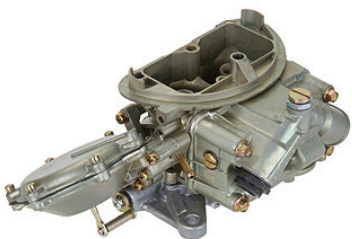
SIX PACK INDUCTION SYSTEMS

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.

C. 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



C.



D.

D. Six Pack Secondary Diaphragm Set

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

¹ P4349321 Secondary Diaphragm Set, Six Pack

E. 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



E.



F.

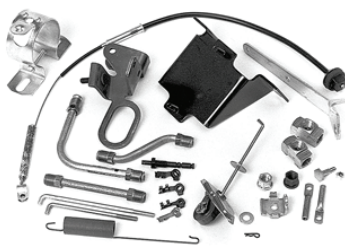
F. Six Pack Choke Thermostat Assembly

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

¹ P4529185 Choke Thermostat Assembly, Six Pack



A.



B.



C.



D.



E.



F.



G.

SIX PACK INDUCTION SYSTEMS

A. 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

B. 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 Installation Kit, Six Pack, Big Block

P4529058 Installation Kit, Six Pack, Small Block

C. 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

D. 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

E. 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

F. 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.

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

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

G. Six Pack Restoration Air Filter Element

P4529965AB Air Filter, Resto Six Pack and Hemi

FUEL SYSTEMS

SIX PACK INDUCTION 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.

P4532033 Wing Nut, Air Cleaner, V-8



A.



B.

FUEL PUMPS AND HARDWARE

B. 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

C. Electric Fuel Pump

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

¹ **P4007038** Fuel Pump, Electric, 72 gph @ 7.0 psi, Carter

D. 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.



D.

E. 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

F. 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.

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



E.



F. P5249807

AIR SYSTEMS

A. 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.



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

B. 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).

- 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

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.

FUEL SYSTEMS

FUEL SYSTEMS/ INJECTION COMPONENTS

A. Fuel Conversion Kit, 5.7L Hemi

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

Features:

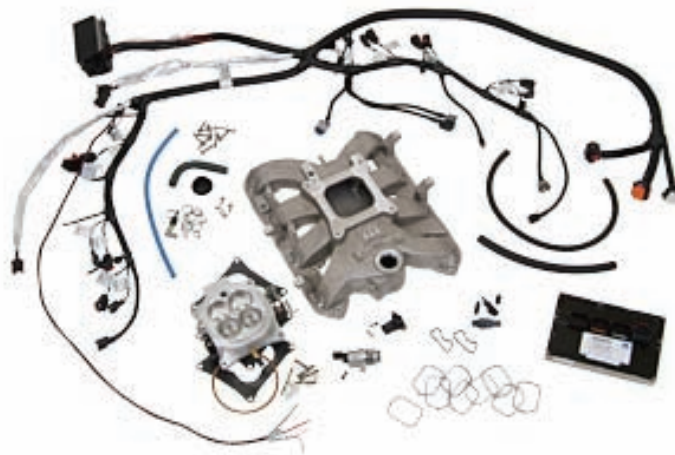
- Factory engineered "Plug 'n Play" wiring harness for easy installation
- NGC engine controller with unique calibration
- Intake manifold assembly complete with injectors
- Special top-feed, cable-driven throttle body accepts most early factory Mopar air cleaners
- MAP and air temperature sensors

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

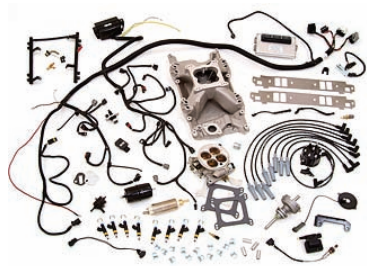
Anodized Aluminum rails with flexible fuel crossover line and adjustable fuel pressure regulator.

- ¹ **P5153783** Fuel Rail, Billet Aluminum, 5.7L/6.1L/392 Hemi

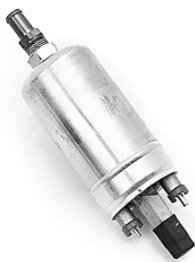
D. Throttle Body

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, 6.1L/ 5.7L Hemi Engine



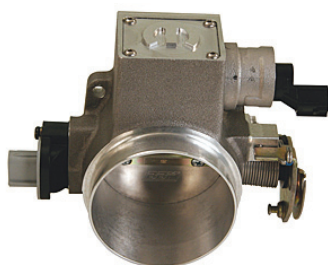
A.



B.



C.



D. P5153689



D. P4510363

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™



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

B. Billet Aluminum Electronic Distributor

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

C. 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)

D. 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.

- P4349279** Hold-Down Clamp, Distributor, Chrome, 426 Hemi/ Big Block
- P4349278** Hold-Down Clamp, Distributor, Chrome, Small Block

E. Distributor Adapter Set

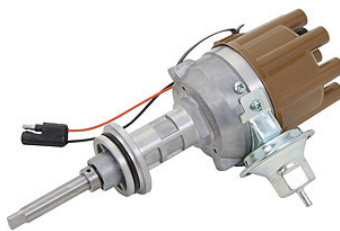
Use this Distributor Adapter Set to adapt a "RB"/Hemi Distributor to a "B" Engine.

- ¹ **P3690275** Distributor Adapter Set, RB to B Engines

F. Distributor Advance Weight Springs

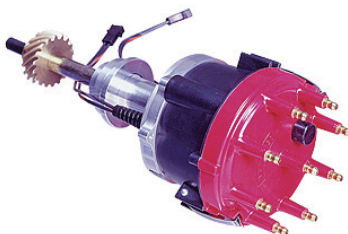
Use these Distributor Advance Weight Springs to convert stock distributor and Mopar Performance electronic distributors built prior to 2001 to quick advance curve. Package contains two springs.

- ¹ **P2932675** Weight Springs, Distributor Advance



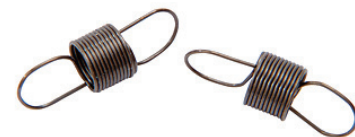
A.

B.



C.

D.



E.

F.

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



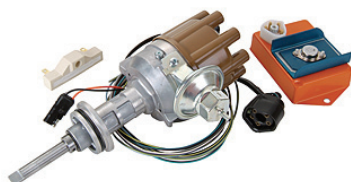
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F.

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.

- ¹ **P4876728** Ignition Controller, MSD 6AL, Capacitive Discharge, V6/V8
- ¹ **P4876729** Ignition Controller, MSD 6ALN, Capacitive Discharge



A.



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 Box, Hemi/ Big Block/ Small Block



C.



D.

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

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

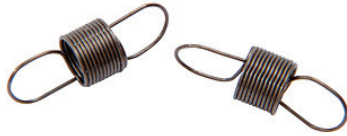


E.

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)

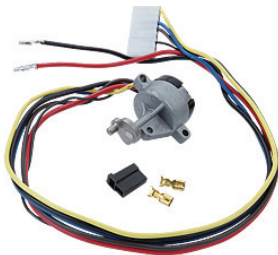
P2932820 Neutral Safety Switch, Transmission, Fits 1969–84 A-727 and A-904 Torqueflite applications (Long)

A.

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D.

**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 **P5206436** Ballast Resistor, For Electronic Ignition Systems, Using P4120505 Orange Box and Production Coil, or With P4120889 Coil, 1 OHM

¹ **P2444641** Ballast Resistor, for Mechanical Advance Distributor, Using P3690560 and P4876832/33 Coils, 1/4 OHM, Race Only

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

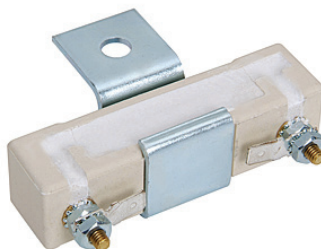
P5007407 Wire Set, Spark Plug, 8 mm, Radio Suppression Core, Big Block

P5007405 Wire Set, Spark Plug, 8 mm, Radio Suppression Core, Small Block



A.

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E.



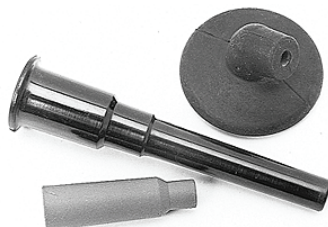
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F.



G.



H.

IGNITION WIRES AND SPARK PLUGS

A. 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

B. 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

C. Ignition Wire Separator Set

Includes eight pieces. Fits 7.5 mm wire.

P4007667 Wire Separator, Spark Plug, Set of eight (8).

D. 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

E. 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

F. 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

G. Universal Fit Spark Plug Wire Loom

Works with 7 mm or 8 mm wire. Includes four 1/4" mounting studs (20 tpi). Not for use with cast aluminum valve covers.

P5007481 Loom, Spark Plug Wire, Universal Fit

H. Spark Plugs

Bosch Motorsports Spark Plugs are specifically designed for optimal performance of your Mopar engine. Sold in sets of four.

P4876926 Spark Plug, FR 8 DCX, Hemi/ Small Block

P4876927 Spark Plug, WR 9 FC, Big Block

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 **P2495531** Coil, Ignition, 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** Coil, Blaster, Black, for Controllers P4876728-29, V8
¹ **P4876733** Coil, Blaster, 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** Coil, Ignition, 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** Coil, Blaster, 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, Ignition, 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.



A.



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E.



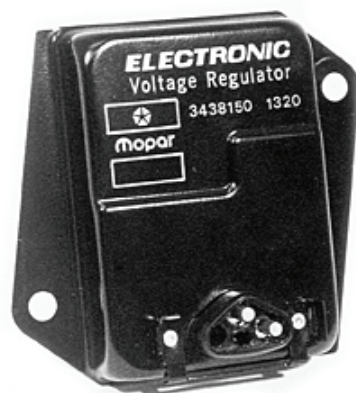
F.



A.



B.



C. P4529794



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

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.

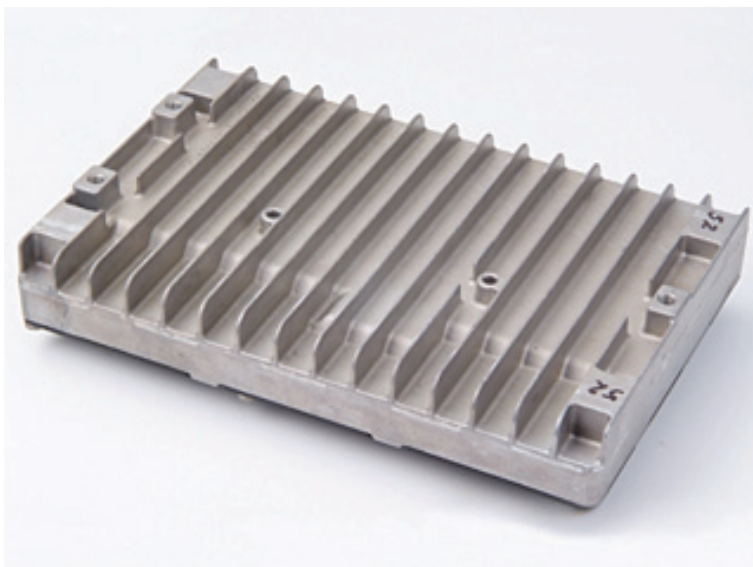
¹ **P5153608** EMS, Programmable, Carbureted Applications

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**A. EMS, 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.

Engine Wiring Harness, Programmable (Not Shown)

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.

A. P4510816

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

B. P4510356

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

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 P5153530AB and P5153528.

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
- 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.
- 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



A. P5153783



A. P5155068



A. P5155065



A. P5153628

ALTERNATORS

Alternator Brackets (Not Shown)

- ¹ **P2206445** Alternator Bracket, 426 Hemi/ Big Block

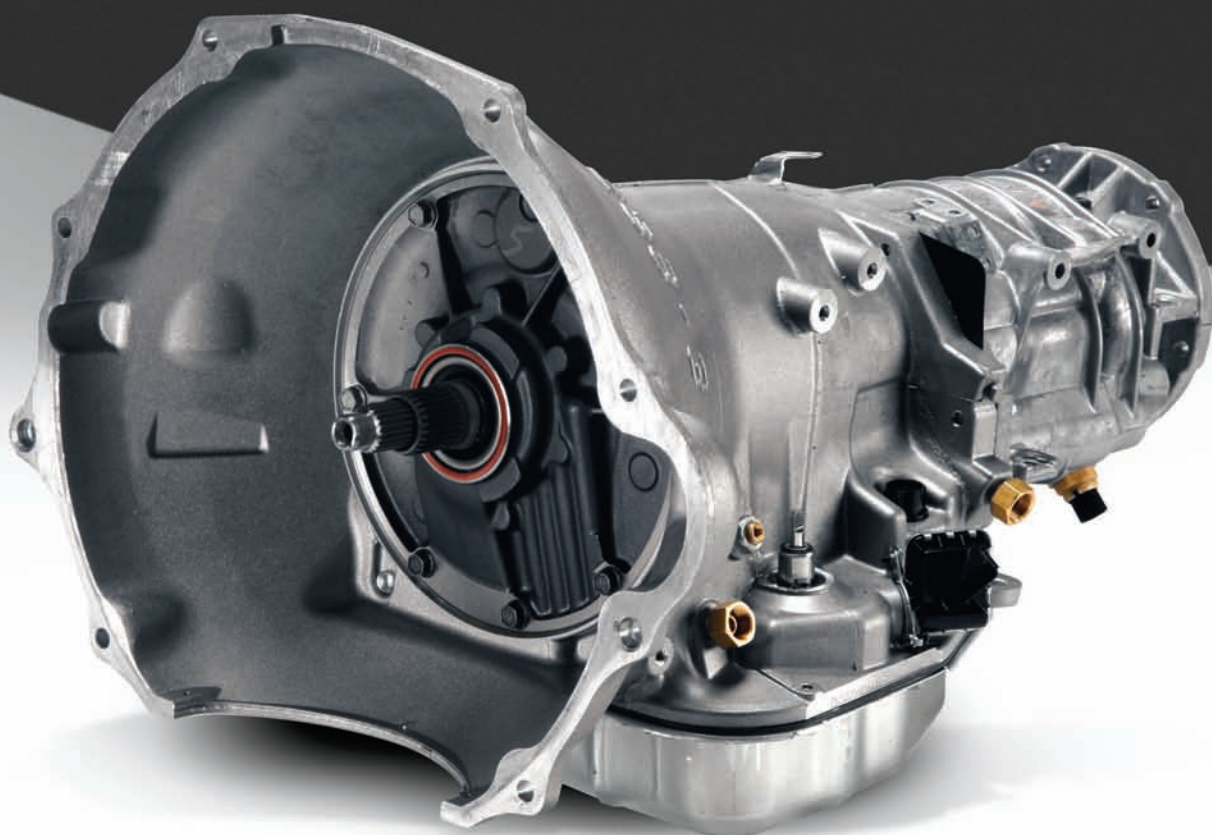


A. P5153730

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 **P5153753** Flex Plate, SFI-approved for use to adapt 727/904 type automatic transmissions to the new 5.7L, 6.1L and 392 Hemi blocks.
- 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

Flex Plates - 5/16" Bolts (Not Shown)

- ¹ **P5007378** Flex Plate, RWD, 8-Bolt Crank, Stroker Cranks
- ¹ **P5155427** Flex Plate, RWD, Butterfly, 727/904 Transmissions, No Ring Gear, Requires Converters with Integral Ring Gears, Drilled for Both Patterns Even, and Offset with 5/16" holes, 5.7/ 6.1/ 392 Hemi

B. Flex Plate Screw Packages

Includes crank screws (eight for eight-bolt cranks; six for six-bolt cranks) and four converter screws.

- P4120464** Screws, Flex Plate, Eight-bolt Crank, 7/16" Converter, Hemi/ Big Block/ Small Block/ Slant Six, 3.9L V6
- P4876820** Screws, Flex Plate, Six-bolt Crank, 5/16" Converter, Hemi/ Big Block/ Small Block/ Slant Six, 3.9L V6
- 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

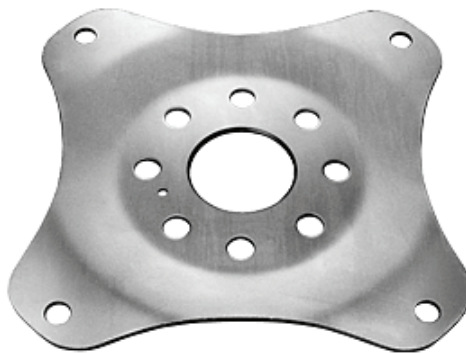
Enjoy firmer, quicker shifts with these Shift Improver Packages. On 1971-86.5 A-727/A-904 transmissions, the part-throttle kickdown is retained. For general purpose or high-performance use.

- ¹ **P4349469AB** Shift Improver Package, to 1986 1/2, A-727
- ¹ **P4007899** Shift Improver Package, to 1986 1/2, 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



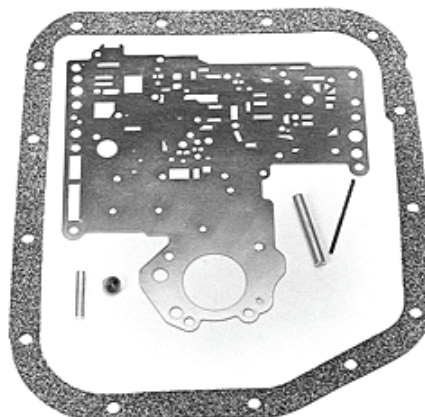
A. P4529752AB



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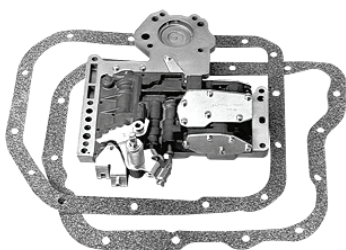
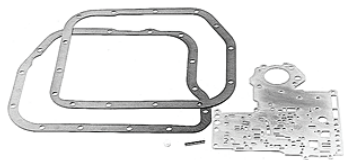
D.

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**

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

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.

¹ **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

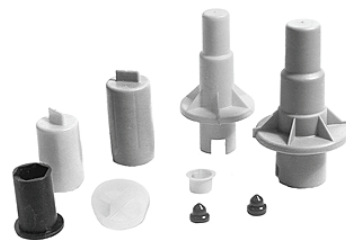
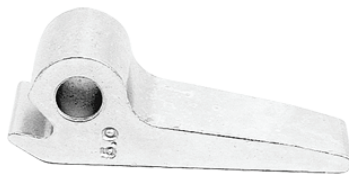
AUTOMATIC TRANSMISSION

AUTOMATIC TRANSMISSION COMPONENTS

A. 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



B. 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

C. 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

A.

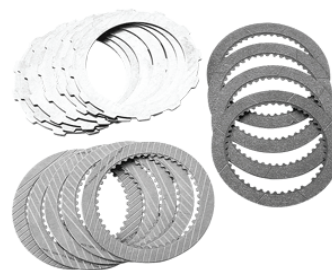
B.

D. 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



E. 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.

¹ **P4529020** Band, Flex, Front, RWD, A-727, Race

¹ **P4529017** Band, Solid, Front, RWD, A-727, Performance

C.

D.

TRANSMISSION OVERHAUL KITS

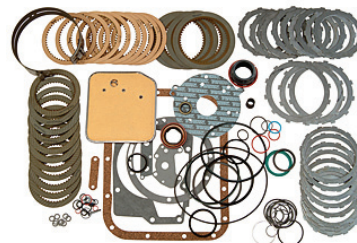
F. Transmission Overhaul Kits, Performance

Packages include factory original equipment transmission seals, filters, gaskets, rings, bands and discs.

P5007843 Overhaul Kit, Transmission, Heavy Duty, 1987-97 A-500

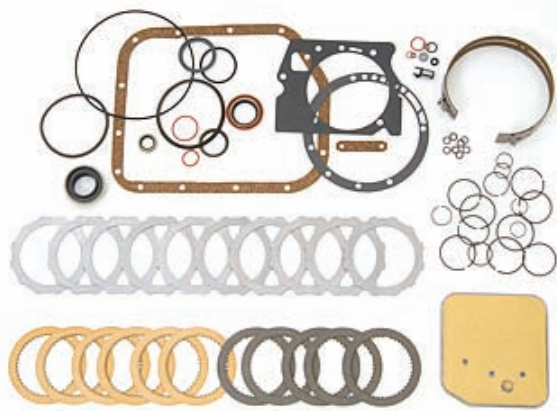
P5007845 Overhaul Kit, Transmission, Heavy Duty, 1990-97 A-518/A-618

P5007844 Overhaul Kit, Transmission, High Performance, 1987-97 A-500



E.

F.



A.

TRANSMISSION OVERHAUL KITS

A. 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 PANS AND HARDWARE

B. Transmission Attaching Bolts, Chrome

Fits all automatic transmission assemblies.

P4452785 Bolt Package, Chrome, A-904/ A-727/ A-500/ A-518

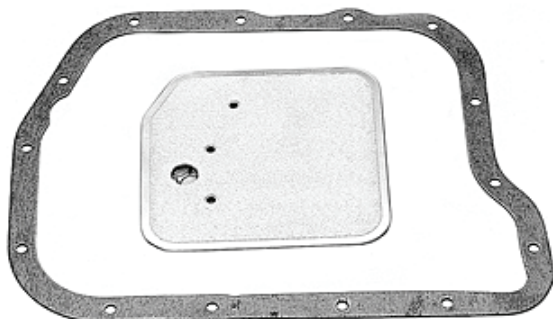
C. Transmission Gasket and Filter Packages

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



C.

D. 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



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.

AUTOMATIC TRANSMISSION

TRANSMISSION PANS AND HARDWARE

A. 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

B. Transmission 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



A.

TORQUE CONVERTERS AND HARDWARE

C. 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

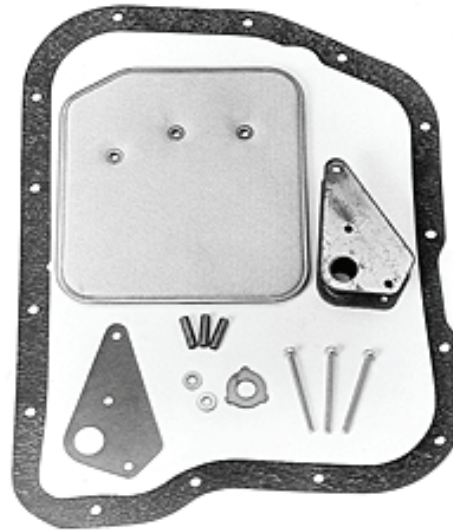
¹ **P5007290AB** Torque Converter, Lockup, 2250-2350 Stall Speed, 1967-92 A-904

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.



C.

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	P4876805AB	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 1968-76, 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.

AUTOMATIC TRANSMISSION

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 **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

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 Set

Includes four bolts to attach torque converter to the flex plate. Available for both eight- and six-cylinder engines.

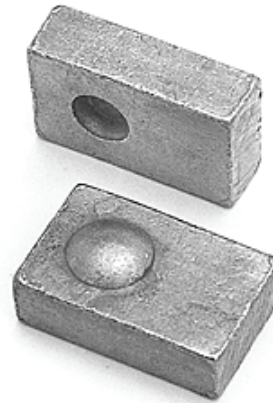
- P4529591** Bolt Package, Torque Converter, 5/16", V8 and Six Cylinder
- P4529592** Bolt Package, Torque Converter, 7/16", 426 Hemi



A.



B.



C.



D.

AUTHENTIC PERFORMANCE™



MANUAL TRANSMISSION



PERFORMANCE

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 III 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 to be used as an OEM replacement for production 5.7L/6.1L flywheels.

E. Aluminum Flywheel - Gen III 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 to be used as an OEM replacement for production 5.7L/6.1L flywheels.



A.

B.



C.

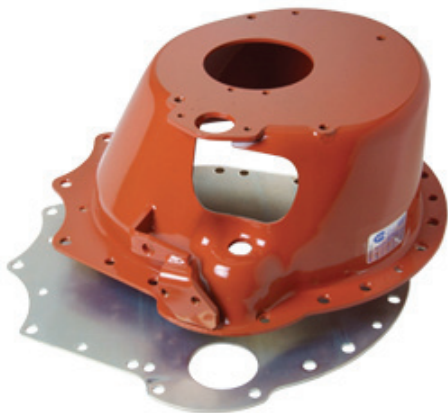
D.



E.



A.



B.



C.



D.

FLYWHEELS AND HARDWARE

A. Flywheel Attaching Screw Set

Ideal for Inline 6 and 90° V6 and V8 engines. Includes six crankshaft and pressure plate bolts.

P4529113 Hardware Kit, Flywheel, 6-Bolt, V8 and 6-cyl.

Note: Not to be used as an OEM replacement for production 5.7L/6.1L hardware.

BELL HOUSING

B. 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

Note: Some modifications are necessary to adapt a hydraulic system to your vehicle.

CLUTCH DISCS, PRESSURE PLATES AND HARDWARE

C. 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

D. 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.

- ¹ **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

A. Pilot Bearing

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

B. 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

C. 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

D. 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

E. 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

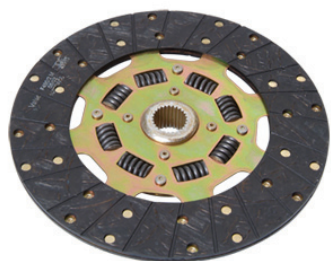
P4529697 Retainer, Bearing, 4.80" O.D., 4.16" BC, for 18-Spline Input Shaft, A-833

P4529696 Retainer, Bearing, 4.80" O.D., 4.16" BC, for 23-Spline Input Shaft, A-833



A.

B.



C.

D.



E.

MANUAL TRANSMISSION

CLUTCH DISCS, PRESSURE PLATES AND HARDWARE

A. 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



SHIFTERS AND SHIFT IMPROVEMENT KITS

B. 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).

- 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
- P4510614** Insert, Shifter, Hurst Pistol Grip, Simulated Wood Grain

A.



B.

C. 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



C. P3467766

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

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

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

P4120714AB U-Bolt Conversion 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.

F. U-Joint U-Bolt Service Package

Services U-Bolt Conversion Kit. Two required.

P3690774 U-Joint and U-Bolt Service Package, Dana 60 Axles



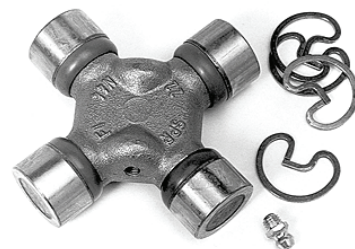
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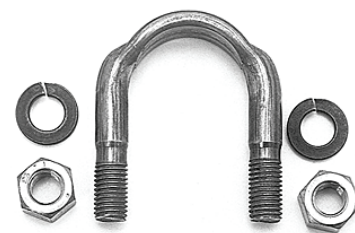
C.



D.



E.



F.

DRIVETRAIN AND REAR AXLE COMPONENTS

UNIVERSAL JOINT AND YOKE KITS

A. U-Joint Strap and Bolt Set

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



A.

B.

REAR AXLE COMPONENTS

B. Ring and Pinion Sets

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.

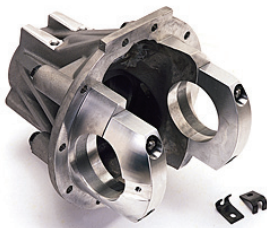
¹ **P5249927** Ring and Pinion Gears, Rear Axle, 3.55:1 Ratio, 12-Bolt Cover, 9 1/4" Axles

C. 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



C.

D.

D. 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. 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



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.

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 Set

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

DIFFERENTIAL COMPONENTS

D. 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.

P4876118 Differential Assembly, Sure Grip, 8-3/4" Axles

E. 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

F. 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.



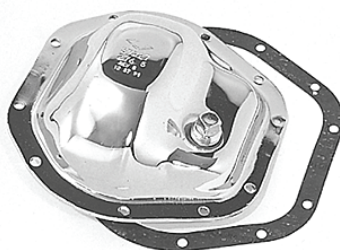
A.

B.



C.

D.



E.

F.

DIFFERENTIAL COMPONENTS

A. 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.



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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

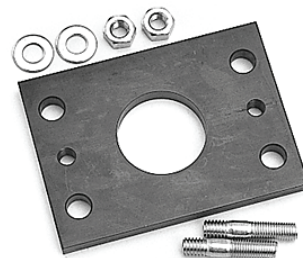
F. Lightweight Brake Proportioning Valve

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).

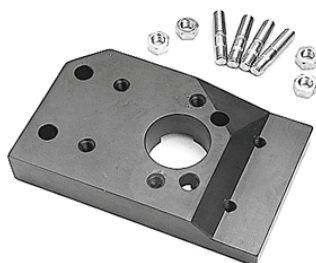
¹ **P5249088** Brake Proportioning Valve, Lightweight



A.



B.



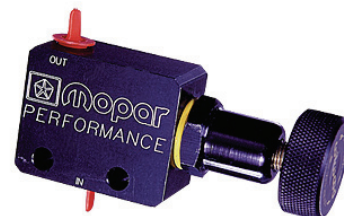
C.



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.

B.

B. Additional Rear Leaf Spring

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

C. 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



C.

D.

D. Rear Spring Shackle Bushings

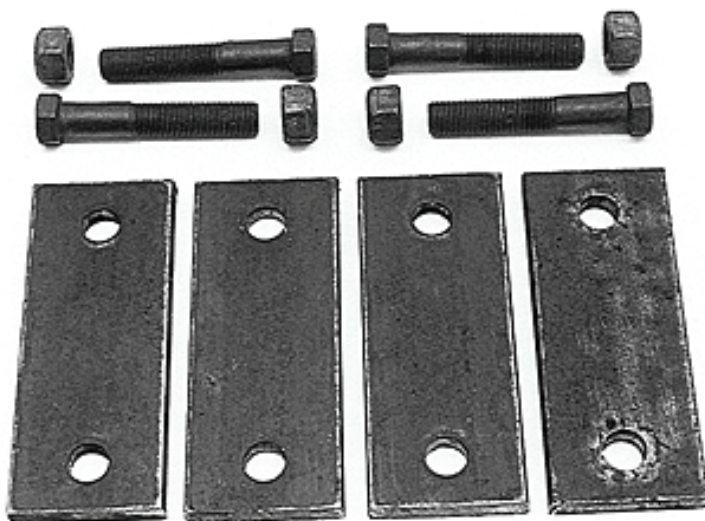
For A-, B- or E-Body vehicles. Available in high-performance polyurethane for improved vehicle handling, or factory original equipment heavy-duty rubber for restoration projects. Sold in sets of eight bushings.

- 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

E. 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.

- P4120470 Clamp Package, Rear Springs.



E.

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

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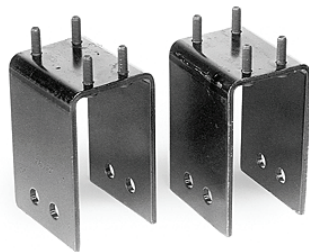
STEERING AND SUSPENSION

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)

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STEERING AND SUSPENSION

TORSION BARS AND HARDWARE

A. Torsion Bar Sets

Mopar offers torsion bars for A-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, 2-pcs.
- P4529184** Bushing Package, Front Strut, B/E-Body, 4-pcs.



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

**B. 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

A.



B.

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

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AUTHENTIC PERFORMANCE™



RESTORATION



340 MAGNUM

R/T **GTX**

DART **440**
6 BBL

Challenger

440 SIXPACK

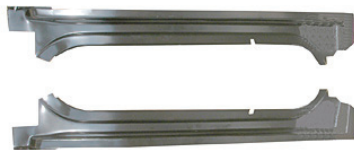
PERFORMANCE

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



A.

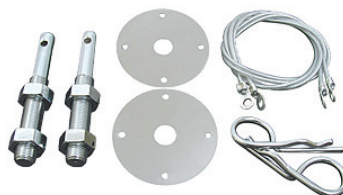
A.

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



B.

C.

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



D.

E.

E. Actuator Bracket

- 77R06052** Actuator Bracket, Air Grabber, 1970-72 Road Runner/Charger

F. Air Grabber Flapper

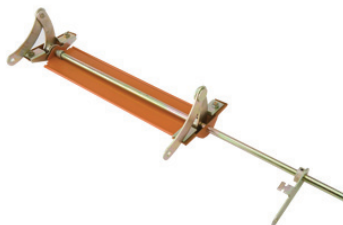
- 77R06062** Air Grabber Flapper, 1970-72 Roadrunner/Charger

UNDERHOOD

G. Air Cleaner Lids

- 77R06094** Air Cleaner Lid, Used On Air Grabber Hoods, 1970 Road Runner/GTX

Check out the Fuel System section in this catalog for additional Air Cleaners and Lids.



F.

G.

UNDERHOOD

A. Air Cleaner Wing Nut

77R06283 Wing Nut, Air Cleaner, V-8

B. Breather Hose

77R06312 Breather Hose, Air Cleaner, 1966-71 V8 Applications

C. Heater Hose

- 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

D. Lower Radiator Hoses

- 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



A.



B.



C.



D. P2658931



D. P2863245



D. P2863256



D. P3462119

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

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RESTORATION

UNDERHOOD

A. Upper Radiator Hose

- 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



A. P2806186



A. P2863230



A. P2863257



A. P3462193

B. Mounting Brackets

- 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



A. P3462114



A. P3462113

C. PCV Valves

- 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



A. P3462184



A. P3462116



B.



C.



A. 77R06151



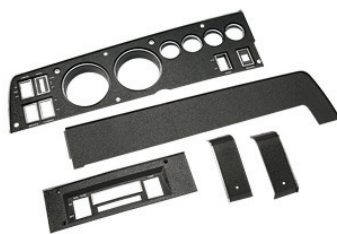
A. 77R06152



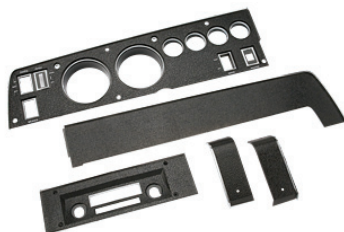
A. 77R06163



B. 77R06039



B. 77R06040



B. 77R06043



B. 77R06042



B. 77R06045



C. 77R06056



D. 77R06082

UNDERHOOD

A. Pulleys

- 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

B. Dash Bezels

- 77R06046** Dash Bezel Housing, 3 & 4 Switch Side Pod, Rallye, 1970-74 E-Body, Black
- 77R06045** Dash Bezel Housing, Rallye, 1970-74 E-Body, Black
- 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

C. Gauge Components

- 77R06056** Cable, Clock Reset, Bezel Not Included

D. Gauge Lense

- 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.

RESTORATION

DASHBOARDS AND COMPONENTS

A. Switches

- 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

B. Exterior Door Handles

- 03739844** Gasket, Door Handle, For Use With 03454390/1
- 03454391** Handle, Door, Exterior, Left, 1968-70 B-Body, 1968-76 A-Body
- P3760215** Handle, Door, Exterior, Left, 1970-74 Challenger/'Cuda
- 03454390** Handle, Door, Exterior, Right, 1968-70 B-Body, 1968-76 A-Body
- P3760214** Handle, Door, Exterior, Right, 1970-74 Challenger/'Cuda
- 77R06035** Handle, Door, Left, Exterior, 1968-70 B-Body, 1968-75 A-Body
- 77R06034** Handle, Door, Right, Exterior, 1968-70 B-Body, 1968-75 A-Body

C. Interior Handles/ Levers

- 77R06068** Handle, Door, Interior, 1968-70 B-Body, Sold as a Pair
- 77R06069** Handle, Door, Interior, 1971-74 B-Body, Sold as a Pair
- 77R06071** Handle, Door, Interior, Challenger, Sold as a Pair
- 77R06072** Handle, Door, Interior, 'Cuda, Sold as a Pair
- 77R06070** Handle, Window Crank, 1968-74 B/E Body, Sold As a Set of Four
- P2947953** Lever, Turn Signal, 1970-74 Dodge Challenger and Plymouth Barracuda/'Cuda Applications
- 77R06284** Lever, Turn Signal, A/B/E-Bodies
- 77R06101** Lock, Door, Interior, E-Body, Sold as a Pair

EXHAUST SYSTEMS

D. 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, 2-1/2" Red, Chrome Slotted, Pair



A. 77R06061



B. 03454391



B. P3760214



C. 77R06068



C. 77R06071



C. 77R06069



C. 77R06101



C. 77R06070



C. 77R06284



D. 77R06135



A. Does not include headlamp bezels



B. P5153416



C. 03672933



D. P5153417



D. 77R06049



E. 77R06054



E. 77R06053

GRILLES AND HEADLAMP BEZELS

A. 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. 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.

P5153416 Grille, with Headlamp Bezels, 1969 Road Runner

77R06067 Grille, with Headlamp Bezels, Rectangular, Chrome, 1971 'Cuda AAR/Grand Coupe, Sold as a set (Mounting Clips not Included)

77R06169 Grille, with Headlight Bezels, 1970 Plymouth AAR 'Cuda

77R06149 Grille, with Headlight Bezels, 1970 Plymouth Barracuda

C. '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. 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)

77R06141 Grille Trim, 1971 'Cuda, Includes all 10 Stainless Trim Pieces

E. Headlamp Brackets

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

RESTORATION

GRILLES AND HEADLAMP BEZELS

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

A. Jack Hook

- 77R06073** Jack Hook, E-Body 100
77R06074 Jack Hook, E-Body 101
77R06075 Jack Hook, E-Body 102

SHIFTERS AND SHIFT IMPROVEMENT KITS

B. 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

C. Console

- 77R06291** Console, Automatic, Black, 1967-70 B/C-Body
77R06290 Console, Four Speed, Black, 1967-70 B/C-Body

D. Console/Shifter Plate

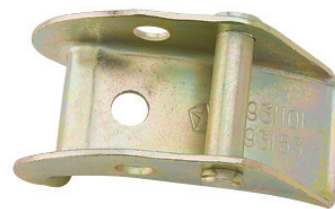
- 77R06124** Console Plate, 4-Speed, 1968 B-Body
77R06126 Console Plate, 4-Speed, Woodgrain, 1969-70 B-Body
77R06127 Shifter Plate, Automatic, Chrome, 1970-74 B/E-Body
77R06002 Bolt Package, Shifter Plate, Self-Locking

E. Shift Knob

- 77R06289** Shift Knob Kit, Automatic, Includes Shifter Button and Spring, 1969-70 B-Body, 1970 E-Body, 1969-74 A-Body



A. 77R06073



A. 77R06074



B. P3467766



B. 77R06051



C. 77R06291



D. 77R06126



D. 77R06127



E. 77R06289



A. P5153389



A. 77R06280



A. 77R06256



A. 77R06257



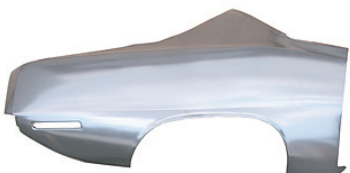
A. 77R06273



A. 77R06277



A. 77R06279



B. P5153420



B. P5153422



B. P5153395



C.

SHEETMETAL

A. 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** Fender, Inner Panel, Left, 1970-74 E-Body, 1971-72 B-Body
- 77R06257** Fender, Inner Panel, 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

B. 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.

- P5153429** Quarter Panel, Left, 1968 2-Door B-Body Hardtop
- P5153431** Quarter Panel, Left, 1969 2-Door B-Body Hardtop
- 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
- P5153430** Quarter Panel, Right, 1968 2-Door B-Body Hardtop
- P5153432** Quarter Panel, Right, 1969 2-Door B-Body Hardtop
- 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

C. Cowl Panel

- 77R06258** Cowl Panel, Lower Left Side, 1970-74 E-Body
- 77R06259** Cowl Panel, Lower Right Side, 1970-74 E-Body

RESTORATION

SHEETMETAL

A. 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



A. 77R06261 & 77R06262



A. 77R06260

B. Tail Panel

- 77R06268** Tail Panel, Rear, 1970 Challenger



A. 77R06263



B.

C. Trunk Floor

- 77R06266** Trunk Floor, Complete, 1970-74 Dodge Challenger
- 77R06271** Trunk Floor, Complete, 1970-74 Plymouth Barracuda
- 77R06267** Trunk Floor, Brace, 1970-74 E-Body, 1971-73 B-Body



C. 77R06267



C. 77R06266

WASHER RESERVOIRS

D. 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



C. 77R06271



D. 02889803

BATTERY INSTALLATION

E. 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



D. 03431074



D. 03431590



E.



A.



B. P1828352



B. 03404404



C. 03764166

BATTERY INSTALLATION

A. 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

B. 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

C. 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

HEAT SHIELDS

D. 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



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

OILING COMPONENTS

A. Oil Filter- Restoration

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).

- 77R06287** Oil Filter, Factory Assembly Line Style, 1966-71 V8 and Six Cylinder Applications, Restoration
- P4529806** Oil Filter, Restoration, Black with Yellow Mopar logo, 1962-66 V8
- P4529805** Oil Filter, Restoration, High-Performance, White with Red Stripe
- P4529187** Oil Filter, Restoration, White With Blue Stripe, 426 Hemi/Big Block/Small Block



A. P4529805



A. P4529187

AIR SYSTEMS

B. 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



A. 77R06287



B.

ENGINE PAINT

C. 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



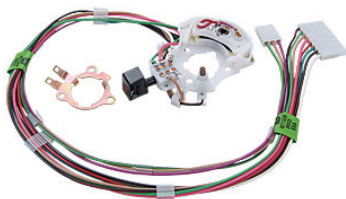
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A.



B.



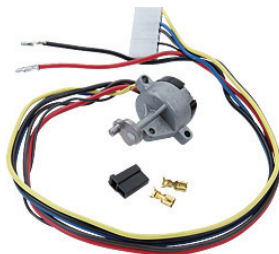
C.



D.



E.



F.

COOLING SYSTEMS

A. 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

B. 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)

IGNITION AND ELECTRONICS

C. 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

D. 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** Coil, Ignition, Black with Vintage Mopar Logo, 1972-78 Small-Block/Big-Block/Hemi, Restoration

E. 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

F. 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

RESTORATION

IGNITION AND ELECTRONICS

A. 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)



A. 04897646AA



B. P2932820

B. Transmission Neutral Safety Switch

P2932820 Neutral Safety Switch, Transmission, Fits 1969-84 A-727 and A-904 Torqueflite applications (Long)

C. 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.

¹ **77R06285** Voltage Regulator, 1970, Restoration

¹ **77R06286** Voltage Regulator, 1971, Restoration

¹ **P4529794** Voltage Regulator, Muscle Car, O. E.



C. 77R06285 (321 Date Code)



C. 77R06286 (419 Date Code)

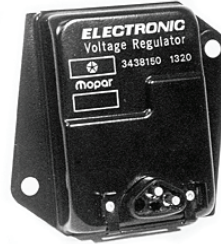
INTERIOR

D. 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



C. P4529794



D. 03416002

E. 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



E. P5153385



F. 77R06036

F. 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



F. 77R06037



F. 77R06038

FLOOR MATS**A. 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

B. Floor Mats, Paper

- 77R06178** Floor Mat, Paper, Dodge, "Customer Care"
- 77R06177** Floor Mat, Paper, Plymouth, "Customer Care"



A. P5153381



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

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"
- 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"



A. 77R06111



A. 77R06104



A. 77R06110



A. 03695508



A. 77R06105



A. 77R06112



A. 77R06113



A. 77R06115



A. 77R06064



A. 77R06114



A. 77R06107



A. 77R06108



A.



B.



C.

WHEELHOUSE

A. 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

VALENCE

B. 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
- P5153388** Valance, Front, 1970–71 Challenger

C. 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.

RESTORATION

LAMPS AND LENSES

A. Front Marker

- 77R06100** Front Marker Assembly, Mounts In The Front Valance, Includes Housing, Pig Tail, and Lens, 1971 'Cuda, Pair
- 77R06095** Front Marker Assembly, 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. Side Marker

- 77R06097** Front/Rear Side Marker Assembly, Includes Housing, Lens, and Pig Tails, 1970-71 Challenger
- 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
- 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
- 77R06032** Lens, Rear Side, Marker, 1972-74 B & E Body
- 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
- 77R06098** Side Marker Assembly, Includes Housing, Pig Tail, and Lens, 1970-71 'Cuda

Tail Light (Not Shown)

- 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
- 77R06076** Trim Housing, Tail Light, 1970 Challenger, Set of 3



A.



B. P5153384



B. P5153386



B. 77R06097



A. Road Runner



A. P2842756



A. P2842757



A. P2842873



A. P2842758



A. 03672656



A. P2964116



B. P3612874



B. P3505419



B. P3680304



B. P3446861

LAMPS AND LENSES

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

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. P3680160



A. P3691677



A. P3444927



A. P2901812



A. P3505490



A. P3505491



A. P2782966



A. P2998065

E40 FOUR-BARREL

A. P3443247

360 FOUR-BARREL

A. P3691468

383 MAGNUM

A. P2998801

426 HEMI

A. P2998800

440 SIXPACK

A. P3462491

Challenger

A. P3444938



A. P5153394

'Cuda 340

A. P3443159

'Cuda 383

A. P2998796

'Cuda 440-6

A. P2998798

DODGE

B.



C.

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

C. Emblems, Chrysler

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

RESTORATION

EMBLEMS AND DECALS

A. Decals, Air Cleaner Lid

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

B. 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



A. 77R06184



A. 77R06185



A. 77R06183



A. 77R06182



A. 77R06181



B. P3412427



B. P2998896



B. 77R06176



B. P3412423

EMBLEMS AND DECALS

A. Decals, Air Cleaner Element Service

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

B. Decals, Radiator Service

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

C. Decals, Miscellaneous

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

D. 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.

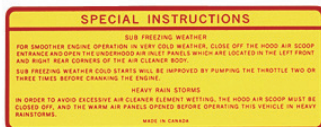
- P3461222 Trim Ring, Brushed, 15", 15" x 7" Rims
- P3461043 Trim Ring, Chrome, 15", 15" x 7" Rims
- P5153310 Trim Ring, Deep Dish, Bright Finish, 15" X 6.5" Rallye Wheel, Road Wheel and Steel Wheel Applications,



A. 77R06170



A. 77R06173



A. 77R06171



A. 77R06172



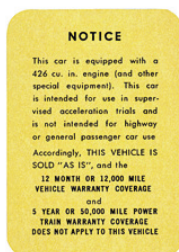
B. 77R06175



B. 77R06174



C. 77R06180



C. 77R06179



C. P5153481



D.

RESTORATION

WHEEL COMPONENTS

A. 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 Cap, Rallye Wheel, Small Bolt Pattern, 1970 A-Body, Set of 4
- 77R06143** Center Cap, Rallye Wheel, Small Bolt Pattern, 1971 A-Body, Set of 4
- P3580466** Center Dome, Road Wheel, 1966-78



A.

B. 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)



B.

C. 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



C.

D. Wheel Paint

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



D.

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



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).

Features:

- 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

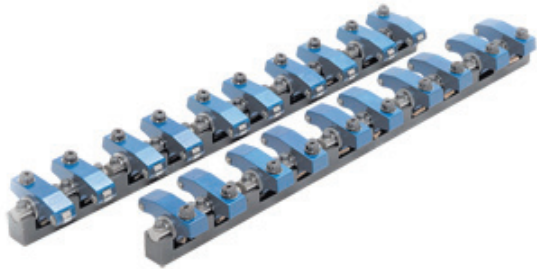


A.

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

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



C.



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.

* The "Street" category contains both street legal performance parts and off road only performance/racing oriented parts.

IGNITION AND ELECTRONICS

Engine Controller (Not Shown)

Designed for race only applications, the Stage 1 Engine Controller has modified spark and fuel tables which function when "power adders" like headers, cat back exhaust, aftermarket cams and cold air intake systems are used. The computer senses the additional air flow and will compensate with appropriate fuel and spark to maximize performance.

Features:

- * Power adders can be used without turning on dash warning lights. Catalysts and O2 sensors can be removed without tripping warning lights or causing limp mode to activate.
- * Chassis dyno results showed a slight HP gain (approx 10 hp) on a stock ACR but the intent of this controller is to work with power adders to maximize performance.
- * The revised fuel/spark tables are intended for power levels below 700 hp. This controller is not intended for use with nitrous, superchargers, or packages that go above 700 hp. It might work depending on your setup, but it wasn't designed to function in that range.
- * The 1-4 skip shift feature in the production calibration has been eliminated.
- * Requires the use of 93 octane fuel only.
- * The rev limit has been increased from 6400 rpm to 6500 rpm.
- * Tachometer settings have been adjusted for updates every 25 RPM (vs. every 100 RPM)
- * Increases engine idle speed from 700 rpm to 750 rpm.
- * The ETC pedal / throttle MAP has been refined which improves pedal feel.
- * Tested using rear axle ratios between 3.07:1 to 4.10:1

¹ **P5155254** Engine Control Module, Stage 1, 2008-09 Viper

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.

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.

¹ **P5007142** Wiring Harness, Viper Crate Engines, 8.0L

Images are not available
for these parts.

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



A.

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 Assembly, Includes Fan Blade, Motor, Wires, and Shroud, 40 Amp Draw, High Speed 2370 CAM, Low Speed 2020 CAM, Viper V10 Crate Engine



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.

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.

DIFFERENTIAL COMPONENTS

A. Differential Assemblies

Complete Differential Assemblies with all new components and Mopar Performance Parts gear sets fully assembled to production specifications.

Features:

- 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, Less Cover/Support, Direct Replacement for Production Unit, Including Production Trac Loc, but Featuring Center Housing Having Three Cast-In Bosses for Differential Cooler Fittings

B. 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

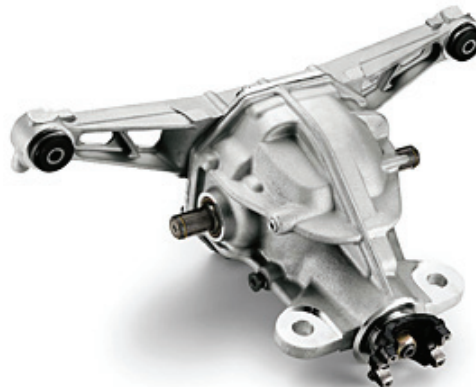
C. Ring and Pinion Sets - Race

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.



A.



B.



C.

TRANSMISSION COMPONENTS

A. 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



A.

B. 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
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B.

C. 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
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Six Speed Transmission Kit (Not Shown)

P5155123	Transmission, 2008 Viper 6-SPD. Includes Transmission, Shifter Base, Prop Shaft, and Crossmember
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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
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C.

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SUSPENSION UPGRADES AND COMPONENTS

A. 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

¹ **P4510951** Coilover Suspension System, 2-Way Adjustable, 2003-09 Viper SRT10 Coupe, (Non-ACR vehicles)

B. 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

C. 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.

¹ **P4510204** Steering Isolator Mounts, Solid, 1994-06 Viper

BRAKES

Brake Rotors (Not Shown)

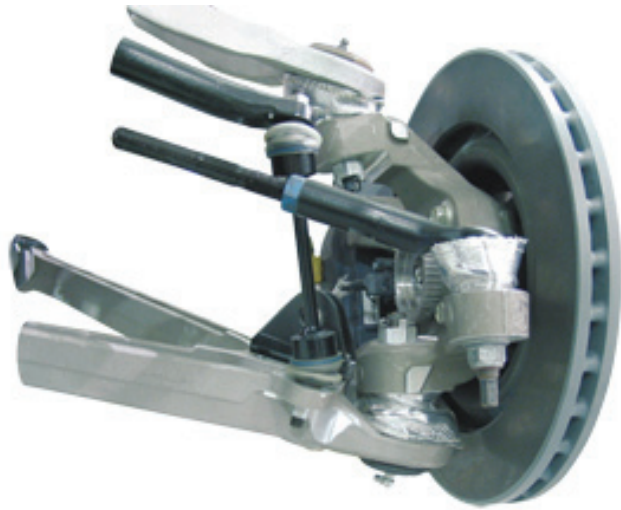
The Viper SRT10 benchmark brakes are taken to the next level in the 2008 Dodge Viper SRT10 ACR. StopTech two-piece, slotted, lightweight rotors combine with the Viper SRT10's Brembo calipers (standard on Viper) to reduce rotating inertia and unsprung mass, improve brake cooling, and significantly reduce fade even under extreme conditions. The StopTech rotors feature a patented curved-fin design, a key element in improving brake cooling. The StopTech brake rotors combined with the Michelin Pilot Sport Cup Tires and Sidewinder lightweight wheels combine to reduce 60 pounds of unsprung, rotating mass. The 2008 Dodge Viper SRT10 ACR stops from 60 mph in less than 100 feet.

¹ **P5155125** Rotors, Brake, Front Set, Two Piece Slotted Design, 2003-08 Viper

¹ **P5155126** Rotors, Brake, Rear Set, Two Piece Slotted Design, 2003-08 Viper



A.



B.



C.

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.

¹ **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.

¹ **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.

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GTS-R ENGINE PARTS

A. Serpentine Belt

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

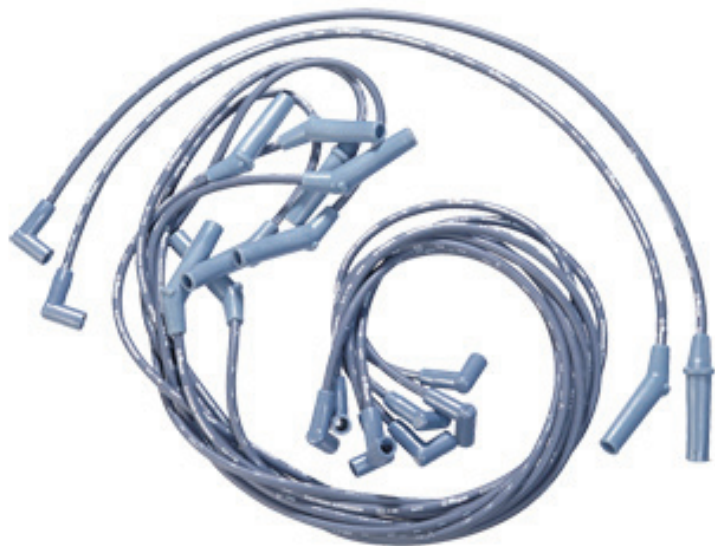
B. GTS-R 8.5 mm Spark Plug Wire Set

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. P4876843



B.

EXTERIOR BODY COMPONENTS

A. New! Wing

The 2008 Dodge Viper SRT10 ACR exterior styling cues offer not only bold aesthetics, but functional benefits on the track. The "Race" kits include a variable geometry "fanged" front splitter, an adjustable rear wing sculpted by CFD (Computational Fluid Dynamics) and optimized front dive planes. These new aerodynamic devices are formed in high-performance autoclaved carbon-fiber. By using both unidirectional and woven laminates, the aero equipment is optimized for the minimum weight possible.

The splitter and dive planes feature a clear-coated carbon-fiber weave on all Viper SRT10 ACR models. The front splitter includes three removable rub strips that provide protection and wear resistance. Supported by stainless steel tension cables, the splitter is designed to absorb the energy from minor upward deflections.

The Dodge Viper SRT10 ACR aerodynamics are tuned and balanced to maximize downforce (up to 1,000 lbs.) and provide increased levels of lateral grip. Each Viper SRT10 ACR also includes a track extension that replaces the center splitter rub strip and fills out the fanged splitter scallop for closed-circuit events. The aerodynamic effect of the track extension is a reduction in overall drag and an increase in front downforce of nearly one-third. The front fog lamps have been deleted and replaced with lightweight filler panels.



A.

- ¹ P5155265 Wing, Long, Carbon Fiber, Includes Wing, Dive Plane Asm., Front Splitter, Track Extension, and Fog Light Close Outs, 2003-06 Gen III, 2008-09 Gen IV non-ACR or Without the ARY Package, Race/Coupe Only
- ¹ P5155272 Wing, Long, Primed, Includes Wing, Dive Plane Asm., Front Splitter, Track Extension, and Fog Light Close Outs, 2003-06 Gen III, 2008-09 Gen IV non-ACR or Without the ARY Package, Race/Coupe Only
- ¹ P5155273 Wing, Short, Primed, Includes Wing, Dive Plane Asm., Front Splitter, Track Extension, and Fog Light Close Outs, 2003-06 Gen III, 2008-09 Gen IV non-ACR or Without the ARY Package, Coupe Only
- ¹ P5155274 Wing, Short, Primed, Includes Wing, Dive Plane Asm., Front Splitter, Track Extension, and Fog Light Close Outs, 2003-06 Gen III, 2008-09 Gen IV non-ACR or Without the ARY Package, Roadster Only

Notes:

· P5155265 and P5155272 are for "Off-Road Use Only". As such they require coilover kit P5155324 or equivalent on any vehicle that will subject to high downforce conditions. The kit is specifically developed to be used with Michelin® Pilot® Sport Cup tires. 2003-2006 cars require an upgraded rear swaybar (05181438AA).

· 2006 and newer vehicles equipped with satellite radio will need to have their antennas relocated for proper reception. For coupes order kit P5155333 and for roadsters order kit P5155334



A.

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AUTHENTIC PERFORMANCE™



EIGHT-CYLINDER LATE MODEL VEHICLES



PERFORMANCE

EIGHT-CYLINDER LATE MODEL VEHICLES

CYLINDER HEADS, GASKETS, AND HARDWARE

A. Cylinder Heads, CNC-Ported

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.

Features:

- 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



- ¹ **P5153345** Cylinder Head, CNC-Ported, Bare, LH, 5.7L Hemi
- ¹ **P5153346** Cylinder Head, CNC-Ported, Bare, RH, 5.7L Hemi
- ¹ **P5153343** Cylinder Head, CNC-Ported, Asm., LH, 5.7L Hemi
- ¹ **P5153344** Cylinder Head, CNC-Ported, Asm., RH, 5.7L Hemi
- ¹ **P5153349** Cylinder Head, CNC-Ported, Asm., LH, 6.1L/392 Hemi
- ¹ **P5153350** Cylinder Head, CNC-Ported, Asm., 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 dry media filters.

- 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.

- P4510472** Air Filter, High Flow, O. E. Replacement, 2005-09 6.1L Magnum/300/Charger/Challenger, 2002-03 3.7L Liberty



C.

D. Air Filter Service Kit

Servicing all Mopar oiled filters that are both washable and reusable for both the Mopar cold air induction systems and Mopar Performance Air Filters.

- 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 dry media filters.

- 77070015** Air Filter, Cold Air Intake Replacement, Dry Media, Used to Service Kit 77060012AB
- 77070016** Air Filter, Cold Air Intake Replacement, Dry Media, Used to Service Kit 77060022AB
- 77070010** Air Filter, Cold Air Intake Replacement, Dry Media, Used to Service Kits 77060003AB, 77060006AB, 77060010AB, 77060011AB, 77070008
- 77070011** Air Filter, Cold Air Intake Replacement, Dry Media, Used to Service Kits 77060004AB, 77060016, 77060019AB
- 77070012** Air Filter, Cold Air Intake Replacement, Dry Media, Used to Service Kits 77060005AB, 77060009AB, 77070004, 77070006



A.



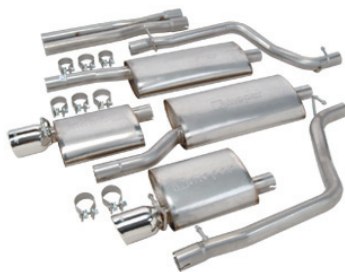
B.

EXHAUST SYSTEMS

B. Headers

These stainless steel long tube exhaust headers result in an estimated 14-17 horsepower gain. Header and mid pipes only.

- ¹ **P5155235** Headers, Without Catalytic Converters, Will Not Work With Factory Catalytic Converters, Stainless Steel 1 7/8" Primaries With Formed Collector, 2005-09 Charger/300, 2008-09 Challenger, 2005-08 Magnum, 6.1L



C.



D. P5153574

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 **P5155283** Cat-Back Exhaust System, Dual Rear Exit with Dual Rectangular Tips, 2009 Challenger R/T, 5.7L
- ¹ **P4510855** Cat-Back Exhaust System, Single Split Rear Exit, 2.25" Pipe, 2005-08 Charger/300/Magnum, 5.7L

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.

- ¹ **P5153574** Cat-Back Exhaust System, Dual Outlet, 2005-09 Charger/300/Magnum, 6.1L
- ¹ **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.

A. 77DUB03000



A. 77DUB04000

B.

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.

- 77DUB01030** Deck Lid Spoiler, 2004-09 Chrysler 300
- 77DUB01040** 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



C.

D. Chrysler 300

D. Chrome Mesh Grille

This chromed, polished stainless steel grille sets the restyling standard for the popular Chrysler 300.

- 77DUB01020** 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.

- 77DUB01022** Grille, Chrome, Wire Mesh, 2005-06 Charger
- 77DUB01021** Grille, Chrome, Wire Mesh, 2005-06 Magnum



E. Magnum

E. Charger

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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.

- ¹ **P5153327** Lowering Springs, Stage 1 Performance, 2005-08, 5.7L Magnum, RWD, Vehicle Set
- ¹ **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.

- ¹ **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

C. Anti Sway Bar Kit

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, Stage 1, Front: 32mm, Rear: 19mm, 2008-09 Challenger, 5.7L/6.1L
- ¹ **P4510842** Anti Sway Bar, Stage 1, Front: 32mm, Rear: 22mm, 2005-09 Magnum/300/Charger, 5.7L/6.1L

D. Strut Tower Brace

- ¹ **P5155002** Strut Tower Brace, 2005-09 Charger/300/Magnum/Challenger, 5.7L/6.1L

AXLES

E. 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, and ring gear bolts.

- ¹ **P5153693** Traction Differential, Quaife, 2005-08 Magnum/300/Charger, 5.7L

BRAKES

F. Brake Pads

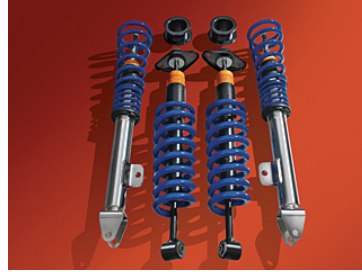
- ¹ **P5155039** Brake Pad Kit, High Performance, Front Set, Non SRT Models, 2005-09 Charger/300/Challenger/Magnum



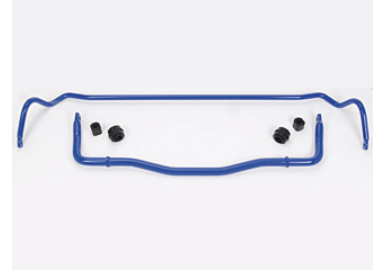
A.



B. P4510841



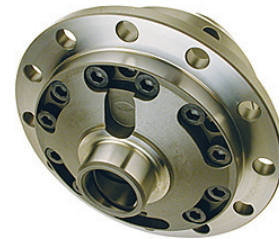
B. P5155152



C. P4510842



D. P5155002



E.



F.

INTERIOR

A. Interior Vehicle Components

- 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



A. 77DUB07000



A. 77DUB08000

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CALIBER

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 Neon 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. P5007862



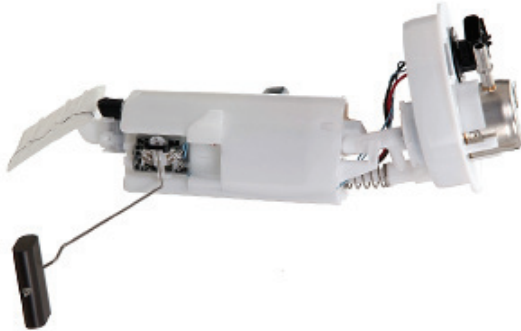
A. P4510592



A.



B.



C. P4510554



D.

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
- ¹ **P5153844** Turbo Upgrade Kit, Stage 1, 2007 PT Turbo, with Automatic Transmission and ABS, 2.4L
- ¹ **P5153846** Turbo Upgrade Kit, Stage 1, 2007 PT Turbo, with Automatic Transmission and without ABS, 2.4L

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TURBO SERVICE PARTS

B. 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

C. 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

D. Exhaust Gasket

- ¹ **04884447AA** Gasket, Exhaust Header, All Turbos

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

TURBO SERVICE PARTS

A. Intake Manifold

¹ 05045002AA Intake Manifold, Neon SRT4

B. Sensors

¹ P4510366 Bar TIP Sensor, 3.0 Bar, Stage 2/3R

¹ P4510365 MAP Sensor, 3.0 Bar, Stage 2/3R

C. Fuel Injectors

¹ P4510529 Fuel Injector, +30%, 2003-05 Stage 2/3R, Sold Individually

¹ P4529495 Fuel Injector, High Flow, Turbo I and II, Set of Four

¹ P4532586AB Fuel Injector, Super 60, 40%+, 2.2L/2.5L, Sold Individually

¹ P4452803 Fuel Injectors, EFI, 1984-89 Turbo I, Set of Four

¹ P4452804 Fuel Injectors, EFI, 1990-91 2.5L Turbo I, 1987-91 Turbo II/ III/ IV, Set of Four

D. Wastegate Actuators

¹ P4510595 Wastegate Actuator, P350, Stage 2

¹ P4510596 Wastegate Actuator, P420, Stage 3R

E. 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)

F. Turbos

¹ P4510864 Turbo Cartridge, Inconel Center Section, Stage 3R

¹ P4510865 Turbo Cartridge, TiAl Center Section, Stage 3R

G. Compressor Cover Kit

¹ P4510867 Cover, Compressor, Includes Cover, Surge Bypass Valve, and Surge Valve Bolts, Stage 3R

H. 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. 05045002AA



B.



B.



C. P4510529



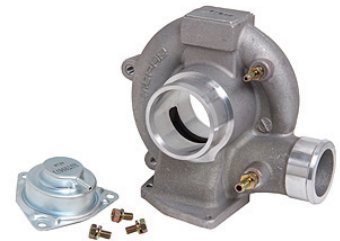
D. P4510595



E.



F.



G.



H.

CAMSHAFTS, LIFTERS, AND HARDWARE

A. Camshafts

These camshafts are developed for power while maintaining reliability and idle quality. Camshaft package includes camshaft, front seal and camshaft lube.

- ¹ **P5007030** Camshaft, 6 HP Increase, 2 HP with 2001 H.O. Engine, 232/260 Duration, .279/.272 Lift, 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
- ¹ **P4349640** Camshaft, UGL, 2.2L



A.

B.

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



C.

D. P4452005

Offset Camshaft Key (Not Shown)

- ¹ **P4349650** Camshaft Keys, Offset, 2V SOHC

ROCKER ARMS, SHAFTS, SUPPORTS, AND HARDWARE

C. Rocker Arms and Hardware

- ¹ **P4349147** Rocker Arms, Heavy Duty, 2.2L/2.5L SOHC with Non-Roller Cams
- P5007444AB** Rocker Arm Screw/Nut Set, 426 Hemi, Big Block, Small Block, 2.2L/2.5L, Slant Six, 3.9L V6



E.

CYLINDER HEADS, GASKETS, AND HARDWARE

D. Cylinder Head Gaskets

- P4452005** Gasket, Cylinder Head, Composite Material, TBI, Turbo I
- P4452006** Gasket, Cylinder Head, Cross-Drilled, Turbo II
- P4120868** Gasket, Engine Teardown, 2.2L (Except Turbo II)

E. Cylinder Head Hardware

- P4349736** Bolt Set, Cylinder Head, 11 mm, 1985 and Later OHC, 2.2L/2.5L
- P4120456** Washer, Hardened, 3/8", Set

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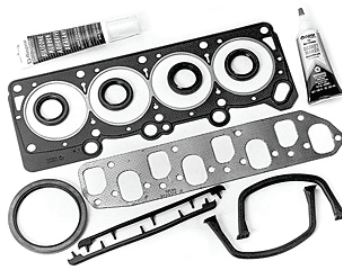
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FOUR- AND SIX-CYLINDER LATE MODEL VEHICLES

CYLINDER HEADS, GASKETS, AND HARDWARE

A. Engine Teardown Gaskets

P4120868 Gasket, Engine Teardown, 2.2L (Except Turbo II)



A.



B.

ENGINE STRUTS AND MOUNTS

B. Engine Mounts

P5007028 Bobble Strut, Engine, 1995–99 Neon DOHC/SOHC

P5007027 Engine Mounts, 1995–99 Neon DOHC/SOHC

P4286766 Engine Mounts, FWD, Front, 2.2L/2.5L

P4286765 Engine Mounts, FWD, Right Side all 2.2L/2.5L, Left Side all 1981–83 2.2L



B.



C.

PISTONS AND CONNECTING RODS

C. Pistons

Same piston as production, but .020" oversize.

¹ **P5007385** Piston, Oversized, 1995-99 Neon SOHC Engine

INTAKE MANIFOLDS, HARDWARE, AND GASKETS

D. 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

E. 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



F.

F. 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	

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 P4876636 Valve Spring, 1995–99 Neon DOHC
- ¹ P5249846 Valve Spring, Neon SOHC
- ¹ P4876061 Valve Spring, Race, 2.2L

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

B. Valve Seal Inserts

- ¹ P4349126 Valve Seat Insert, Aluminum, Exhaust, 36.8 mm, 2.2L
- ¹ P4349125 Valve Seat Insert, Aluminum, Intake, 44 mm, 2.2L

C. Valve Spring Retainers

- 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

D. Valves

- ¹ P5007508 Valve, Exhaust, 29.30 mm Diameter, Neon SOHC
- ¹ P4529825 Valve, Exhaust, 35 mm Diameter, Triple Groove, Back-Cut, 1986–up 2.2L/2.5L SOHC
- ¹ P5007507 Valve, Intake, 34.00 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



A.

A.



B.

C.



D.

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

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FOUR- AND SIX-CYLINDER LATE MODEL VEHICLES

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.



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 **P4510457** Anti-Sway Bar, Stage 1, Front and Rear, 2000–05 Neon
- ¹ **P4510261** Anti-Sway Bar, Stage 1, Front: 25.4 mm, Rear: 19 mm, 2001–09 PT Cruiser Non-Turbo
- ¹ **P5153749** Anti-Sway Bar, Stage 1, Front: 25mm, Rear: 19mm, 3 Position Adjustable, 2007–08 FWD Caliber
- ¹ **P5153837** Anti-Sway Bar, Stage 1, Front: 25mm, Rear: 19mm, 3 Position Adjustable, 2007–09 AWD Caliber
- ¹ **P4510454** Anti-Sway Bar, Stage 1, Front: 26 mm, Rear: 19 mm, 3-Position Adjustable, 2003–05 Neon SRT4
- ¹ **P5155037** Anti-Sway Bar, Stage 1, Front: 26mm, Rear: 24mm, 3 Position Adjustable, 2008 Caliber SRT4
- ¹ **P4510455** Anti-Sway Bar, Stage 1, Front: 27 mm, Rear: 19 mm, 2003–09 PT Turbo
- ¹ **P4510839** Hardware Kit, Anti-Sway Bar Installation, Required to Mount Rear Anti-Sway Bar on Vehicles Without Factory Anti-Sway Bar, 2001–09 PT Cruiser

A.



B. P5155037

C. Stage 3R Damper Kit

- ¹ **P4510825** Damper, Stage 3R, Race Only, Double-Adjustable Threaded Strut Kit, 2003–05 SRT4



C.

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 **P5153985** Strut Tower Brace, Front, Steel, 2007-09 Avenger/Sebring
- ¹ **P5153306** Strut Tower Brace, Front, Steel, 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, Front, Steel, 2007-09 Compass/Patriot/Caliber, Non-Turbo
- ¹ **P5155033** Strut Tower Brace, Front, Steel, 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. Vehicle set.

- ¹ **P4510459** Springs, Performance, Stage 1, 20 mm Front Drop, 18 mm Rear Drop, 2001-09 PT Cruiser Non-Turbo
- ¹ **P4510460** Springs, Performance, Stage 1, 2000-05 Neon
- ¹ **P4510458** Springs, Performance, Stage 1, 2003-05 Neon SRT4
- ¹ **P4510262** Springs, Performance, Stage 1, 22 mm Front Drop, 18 mm Rear Drop, 2003-09 PT Turbo
- ¹ **P5153251** Springs, Performance, Stage I, 2007-09 FWD Caliber, Non-Turbo



A. P4510543



A. P4510875



B.

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FOUR- AND SIX-CYLINDER LATE MODEL VEHICLES

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, Stage 3R, 35 N-M (250 MM), 2003-05 Neon SRT4
- ¹ **P4510824** Springs, High-Tensile, Stage 3R, 40 N-M (250 MM), 2003–05 Neon SRT4
- ¹ **P4510836** Springs, High-Tensile, Stage 3R, 45 N-M (250 MM), 2003–05 Neon SRT4
- ¹ **P4510818** Springs, High-Tensile, Stage 3R, 50 N-M (250 MM), 2003–05 Neon SRT4
- ¹ **P4510819** Springs, High-Tensile, Stage 3R, 60 N-M (200 MM), 2003–05 Neon SRT4
- ¹ **P4510837** Springs, High-Tensile, Stage 3R, 70 N-M (200 MM), 2003–05 Neon SRT4
- ¹ **P4510820** Springs, High-Tensile, Stage 3R, 80 N-M (170 MM), 2003–05 Neon SRT4
- ¹ **P4510821** Springs, High-Tensile, Stage 3R, 90 N-M (170 MM), 2003–05 Neon SRT4

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

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



A.



B.



C.



D.

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.

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.

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FOUR- AND SIX-CYLINDER LATE MODEL VEHICLES

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
- 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 **P4510447** Coilover Suspension Kit, Stage 2, 2003–05 Neon SRT4



A.

SUSPENSION UPGRADES AND COMPONENTS

A. Stage 3 Coilover Suspension Kit



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

A.

- 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
- ¹ **P5153838** Coilover Suspension Kit, Stage 3, 2008-09 Caliber SRT4 Track Suspension

IGNITION AND ELECTRONICS

B. 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

B.

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FOUR- AND SIX-CYLINDER LATE MODEL VEHICLES

IGNITION AND ELECTRONICS

A. Engine Controllers

Mopar engine controllers P5007033 - P5007038 are emissions exempt (D-265-18) and are a direct replacement for the production units. They will provide horsepower and torque increases without affecting drivability. Requires the use of premium fuel. Manual transmission vehicles only.

All other engine controllers in this section are race computers and are programmed to deliver high performance from turbocharged 2.2L or 2.5L Chrysler powered vehicles. Special Stage II computers for the 1986-87 Shelby GLHS and CSX models are also included. The Turbo I computers feature full-time boost levels up to 11 psi, with a corresponding faster rise time for the boost curve, plus revised fuel and spark schedules. Turbo II computers feature boost levels up to 13 psi to take advantage of the cooler inlet charge, in addition to the features included in the Turbo I computers. The Stage II computers are calibrated for a WOT (Wide Open Throttle) boost level of 14 psi. Do not attempt to use these computers on any vehicle except those produced by Shelby Automobiles.

- ¹ **P5007034** Engine Controller, Manual Transmission, 1995 Neon DOHC
- ¹ **P5007033** Engine Controller, Manual Transmission, 1995 Neon SOHC
- ¹ **P5007036** Engine Controller, Manual Transmission, 1996 Neon DOHC
- ¹ **P5007035** Engine Controller, Manual Transmission, 1996 Neon SOHC
- ¹ **P5007038** Engine Controller, Manual Transmission, 1997-99 Neon DOHC
- ¹ **P5007037** Engine Controller, Manual Transmission, 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

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Parts P5007033 thru P5007038 are emissions exempt in California, Massachusetts, and New York only.



A.

AIR SYSTEMS

A. 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 dry media filters.



A. 77070002



A. 77060022



A. 77060012



B.

- 77070002** Clod Air Intake System, Dry Media, 2007-09 Nitro, 4.0L
- 77060022AB** Cold Air Intake System, Dry Media, 2000-05 Neon 2.0L SOHC
- 77060004AB** Cold Air Intake System, Dry Media, 2003-05 Neon, SRT4
- 77060019AB** Cold Air Intake System, Dry Media, 2005-09 300, 2006-09 Charger, 2005-08 Magnum, 2009 Challenger, 3.5L
- 77060012AB** Cold Air Intake System, Dry Media, 2007-09 Caliber/Compass/Patriot, 1.8L/2.0L/2.4L, Non-Turbo
- 77060080** Cold Air Intake System, Dry Media, 2007-09 Nitro, 3.7L
- 77070005** Cold Air Intake System, Dry Media, 2007-2009 Avenger/Sebring, 3.5L
- 77070008** Cold Air Intake System, Dry Media, 2008-09 Caliber SRT4

B. 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 dry media filters.

- 77070015** Air Filter, Cold Air Intake Replacement, Dry Media, Used to Service Kit 77060012AB
- 77070016** Air Filter, Cold Air Intake Replacement, Dry Media, Used to Service Kit 77060022AB
- 77070019** Air Filter, Cold Air Intake Replacement, Dry Media, Used to Service Kit 77070005
- 77070010** Air Filter, Cold Air Intake Replacement, Dry Media, Used to Service Kits 77060003AB, 77060006AB, 77060010AB, 77060011AB, 77070008
- 77070011** Air Filter, Cold Air Intake Replacement, Dry Media, Used to Service Kits 77060004AB, 77060016, 77060019AB
- 77070012** Air Filter, Cold Air Intake Replacement, Dry Media, Used to Service Kits 77060005AB, 77060009AB, 77070004, 77070006

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.

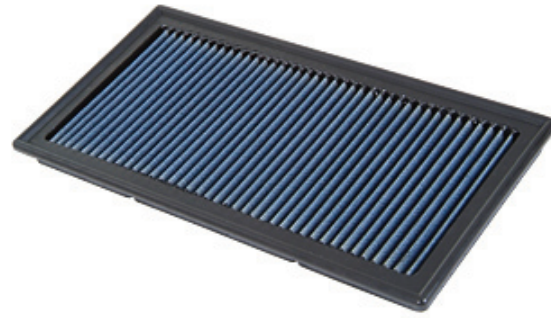
FOUR- AND SIX-CYLINDER LATE MODEL VEHICLES

AIR SYSTEMS

A. Air Filters - O.E. Performance 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.

- P5153573** Air Filter, High Flow, O. E. Replacement, 2007-09 Compass/Patriot/Caliber
- P4510481** Air Filter, High Flow, O. E. Replacement, Oiled, 1999-03 3.5L 300/Concorde/ Intrepid
- P4510476** Air Filter, High Flow, O. E. Replacement, Oiled, 2001-06 PT Cruiser Non-Turbo
- P4510478** Air Filter, High Flow, O. E. Replacement, Oiled, 2003-05 Neon SRT4, 2001-05 Neon
- P5153987** Air Filter, High Flow, O. E. Replacement, Oiled, 2007-09 Caliber SRT4
- P5153991** Air Filter, High Flow, O.E. Replacement, Oiled, 2007-09 Avenger/Sebring 2.4L/3.5L
- P5153990** Air Filter, High Flow, O.E. Replacement, Oiled, 2007-09 Nitro 3.7L/ 4.0L



A. P5153573

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.

- P5153376** Air Filter Service Kit, For "Oiled" Air Filters



B.

OILING COMPONENTS

C. 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



C.

D. Oiling Components

- ¹ **P4452889** Oil Filter, Hi-Performance, Black Finish, 2.2L/2.5L
- ¹ **P4286741** Oil Pump, 2.2L, Except 1987 and Newer Turbo



D.

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.



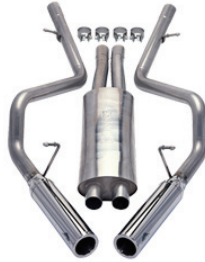
A. P5155113



A. P5153564



A. P4510609



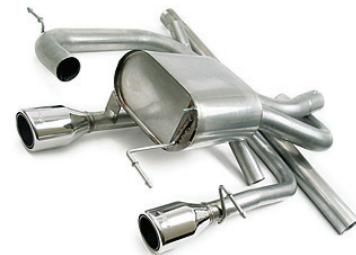
A. P5007536



A. P5155014



A. P5153748



A. P4510463



A. P4510461



A. P5155071



A. P5155110

- 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 P5155071 Cat-Back Exhaust System, Single Rear Exit, 2008-09 Caliber SRT4
- ¹ P5153748 Cat-Back Exhaust System, Dual Tip, AWD/FWD, For use with 77DUB01003, 2007 - 09 Caliber
- ¹ P5153642 Cat-Back Exhaust System, Dual Rear Exit, 2.5" Pipe, 2005-08 Magnum/Charger, 3.5L
- ¹ P5153366 Cat-Back Exhaust System, Single Rear Exit, 2.5" Pipe, 2005-08 Magnum/300/Charger, 3.5L
- ¹ P5155114 Cat Back Exhaust System, Single Exit With Square Tip, 2007-09 Compass/Patriot, AWD, 2.0L/2.4L
- ¹ P5155113 Cat Back Exhaust System, Single Exit With Square Tip, 2007-09 Compass/Patriot, FWD, 2.0L/2.4L
- ¹ P5155014 Cat-Back Exhaust System, Dual Rear Exit, 2007-09 Avenger/Sebring, 3.5L, FWD
- ¹ P5155110 Cat-Back Exhaust System, Single Rear Exit With Dual Square Tips, 2.5" Pipe, 2007-2009 Nitro, 4.0L, V6
- ¹ P5155111 Cat Back Exhaust System, Single Rear Exit With Dual Square Tips, 2.5" Pipe, 2007-2009 Nitro, 3.7L
- ¹ P4510609 Cat-Back Exhaust System, Dual Center Exit Tips, 2.50" Pipe, 2004 - 05 Crossfire, 3.2L
- ¹ P5007748 Cat-Back Exhaust System, Dual-Split, 3.5" Round Tips, 2001-05 PT Cruiser, Non-Turbo
- 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
- ¹ P5007536 Cat-Back Exhaust System, Dual Driver Side Exit, Prowler Logo Etched Tips, 1999-05 Prowler, 3.5L, FWD, Non-Turbo
- 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.

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

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FOUR- AND SIX-CYLINDER LATE MODEL VEHICLES

EXHAUST SYSTEMS

A. Exhaust Headers

- ¹ **P5153566** Header, 2007-09 Compass/Patriot/Caliber, FWD, Non-Turbo



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.

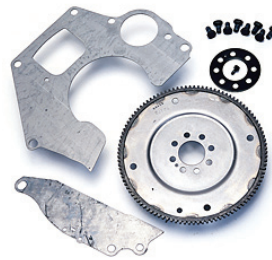
- ¹ **P5007382** Differential, Limited Slip, 1995-05 Neon T-350 Manual Transmission and 2001-09 PT Cruiser, Non-Turbo
- ¹ **P5007923** Differential, Limited Slip, 2003 Neon SRT4, 2002-05 Stratus R/T Sedan, Sebring Convertible V6 T-850 Manual Transmission
- ¹ **P4510588** Installation Kit, Differential, Limited Slip, 2003 Neon SRT4, 2002-05 Stratus R/T Sedan, Sebring Convertible V6 T-850 Manual Transmission

A. P5153566

B.

C. Clutch Installation Kit

- ¹ **P5007435** Clutch Installation Kit, 1995-99 Neon



D. Short-Throw Shifters

- ¹ **P4510485** Shifter, Short-Throw, Direct Bolt-on, Self-Contained Unit, 2003-05 Neon SRT4, 2000-05 Neon
- ¹ **P4510486** Shifter, Short-Throw, Hurst 2003-09 PT Turbo
- ¹ **P4510263** Shifter, Short-Throw, Hurst, 2001-09 PT Cruiser Non-Turbo

C. P5007435

D.

E. Gearshift Boot

Original equipment replacement part.

- 05029257AA** Boot, Gearshift, Neon SRT4

F. Drive Boots

- P5153906** Drive Boots, Rubber, 2008-09 Caliber SRT4



E.

F.

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

B. Wheel Stud Set

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

P4349052 Wheel Stud, FWD, 12 mm x 1.5 mm Diameter, 2.2L/2.5L L/G-Bodies, Set



A.



B.

EXTERIOR BODY COMPONENTS

C. Charge Air Cooler

Original equipment replacement part.

05278944AD Air Intercooler, Neon SRT4, 2.4L



C.



D.

D. 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

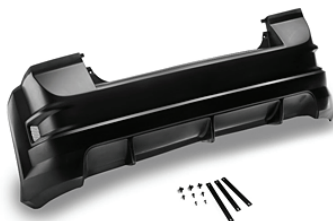
Brake Pads (Not Shown)

P5153994 Brake Pads, Axle Set, 2008-09 Caliber SRT4.

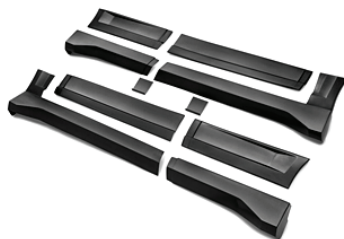
BEARING

Main Bearings (Not Shown)

P4120964 Bearings, Main, 1,2,4,5, Standard 2.2L



D.



D.

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AUTHENTIC PERFORMANCE™



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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.



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AUTHENTIC PERFORMANCE™



DRAG RACING



PERFORMANCE

DRAG RACING

LC22R CHALLENGER DRAG PAK SERVICE PARTS

A. New! Engines and Blocks

- ¹ P5155189 Crate Engine, 6.1L, EFI, Drag Pak
- ¹ P5155190 Crate Engine, 5.7L, EFI, Drag Pak
- ¹ P5155197 Crate Engine, 5.9L Magnum, EFI, Drag Pak

New! Under Hood / Engine Components (Not Shown)

- ¹ P5155102 Engine Mounts, 5.9L, Drag Pak
- ¹ P5155103 Engine Mounts, 5.7L/6.1L, Drag Pak
- ¹ P5155188 Crankshaft, Forged, 5.7L/ 6.1L, Drag Pak
- ¹ P5155285 Cylinder Head, Aluminum, Assembly, 58 CC Chamber, 176 CC Intake, 75 CC Exhaust, 2.020"/1.600" Valves W/ 11/32" Stem, Stock Port Windows and Valve Cover Rail, 5.9L Magnum, Drag Pak
- ¹ P5155184 Intake Manifold, Single Plane, w/ Fuel Injector Bosses in Runners, 5.7 / 6.1L, Drag Pak
- ¹ P5153758 Gasket, Intake Manifold, 5.7L/6.1L Hemi, Set
- ¹ P5155180 Fuel Injection Kit, Partial, 5.9L Magnum Engine, Drag Pak
- ¹ P5155202 Gasket, Throttle Body to Intake Manifold, Covers the MAP Sensor on the Intake, Cloverleaf Opening, Holley 4150 Bolt Pattern, Aproximately .047" thick, 5.7L/6.1L, Drag Pak
- ¹ P4510363 Throttle Body, Four-barrel, 6.1L/ 5.7L Hemi Engine
- ¹ P5155226 Cable, Throttle Kit, Drag Pak
- ¹ P5155430 Tray, Hood to Throttle Body, Carbon Fiber, Includes Braces to Mount to the Throttle Body and Two Stage Foam to Seal Against the Hood.

Body Components (Not Shown)

- ¹ P5155095 Hood, Carbon Fiber, Lifftoff (no Mounting Holes), Includes Mounted High Temperature Epoxy Laminate Hood Scoop and Underhood Tray, Drag Pak
- ¹ P5155098 Window, Right, Front, Polycarbonate, Drag Pak
- ¹ P5155097 Window, Left, Front, Polycarbonate, Drag Pak
- ¹ P5155227 Cable, Trunk Release, Drag Pak

New! Ignition and Electronics (Not Shown)

- ¹ P5155287 Starter, Lightweight, Drag Pak
- ¹ P5155250 Panel, Master Switch, Drag Pak
- ¹ P5155318 Window Module, Right, Drag Pak
- ¹ P5155319 Window Module, Left, Drag Pak

New! Transmissions (Not Shown)

- ¹ P5155286 Bellhousing, 6-Speed Manual, Drag Pak



A. Drag Pak Prototype #1 Driven by Judy Lilly at Mopar Mile High 2008



A. Drag Pak Prototype #2 Driven by Don Garlits at Mopar Mile High 2008

LC22R CHALLENGER DRAG PAK SERVICE PARTS**New! Steering, Suspension, and Braking (Not Shown)**

Developed exclusively for the Dodge Challenger Drag Pak vehicle. Contains steering and suspension modules for both the left and right sides.

- ¹ **P5155203AB** Steering/Suspension Module, Front L/R, Includes Knuckles, Wheel Hubs/Bearings, and Mark Williams Front Brake Kit, Drag Pak

Images are not available
for these parts.

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.

Features:

- 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

- 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.



A. P4876381AB

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.

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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. New! Magnum/340 Replacement Block

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

Features:

- 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 (requires 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

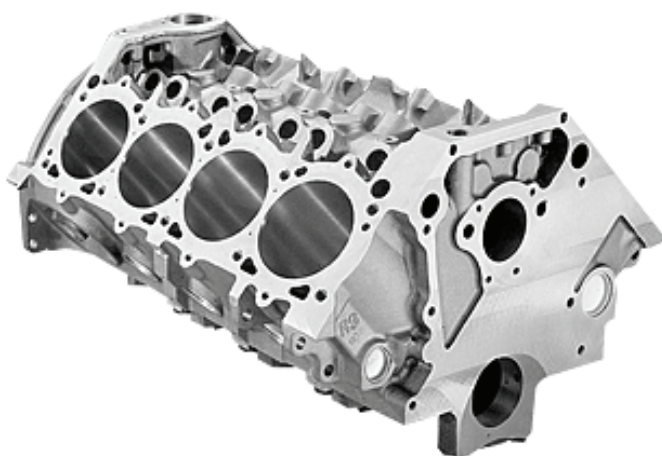
Note: Refer to the chart on the previous page for additional block specifications.



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.

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. Aluminum Race Blocks, A4

Designed for USAC Midget and Drag Racing. These lightweight blocks come with steel billet caps, ductile iron sleeves and hardware kit.

- ¹ P5007467 Block, Drag, P5 Head
- ¹ P5153903 Block, Drag, P9 Head
- ¹ P5007636AB Block, Drag, W9 and W9RP Head
- ¹ P5153612 Block, Midget, P9 Head
- ¹ P5007466 Block, Midget, W9 and W9RP Head



A.

GEAR DRIVES AND SERVICE PARTS

B. Gear Drives/Fuel Pump Eccentric

Eliminates chain-induced cam timing fluctuations.

- ¹ P4120484 Fuel Pump Eccentric, Moly-Coated, Small Block
- ¹ P5249758 Gear Drive (not shown), Use With Fuel Pump Eccentric P4120484



B.

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



C.

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



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

CYLINDER HEADS, GASKETS, AND HARDWARE

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

A. 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

B. W8 Valve Cover Hardware

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, Wide "LA" and W8 Valve Covers, 10 Studs with Lock Nuts

HEMI PRO STOCK

C. 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

D. 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

E. Hemi Pro Stock Valve Guide

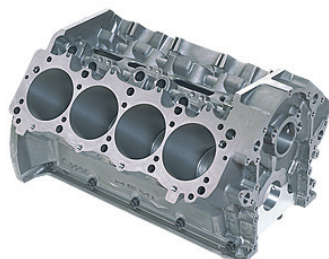
- ¹ **P5007813** Valve Guide, For Use With Pro Stock Cylinder Heads P5153447AB, Sold Individually



A.



B. P4876676



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.



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AUTHENTIC PERFORMANCE™



SPRINT CAR / MIDGET / DIRT LATE MODEL



PERFORMANCE

BLOCKS

A. Aluminum Sprint Car Blocks, A8

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, 60 mm Cam
- 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. Aluminum Race Blocks, A4

Designed for USAC Midget and Drag Racing. These lightweight blocks come with steel billet caps, ductile iron sleeves and hardware kit.

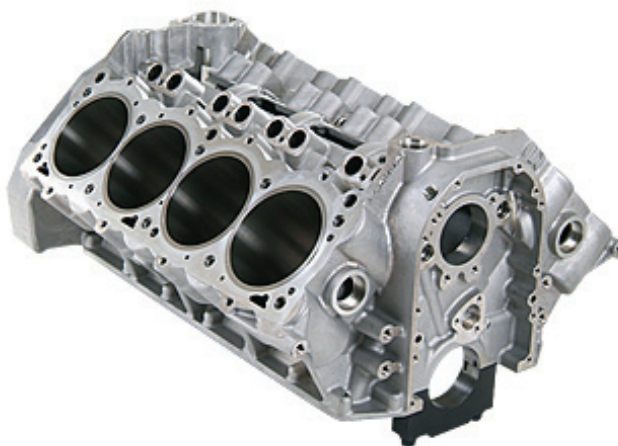
- ¹ **P5007467** Block, Drag, P5 Head
- ¹ **P5153903** Block, Drag, P9 Head
- ¹ **P5007636AB** Block, Drag, W9 and W9RP Head
- ¹ **P5153612** Block, Midget, P9 Head
- ¹ **P5007466** Block, Midget, W9 and W9RP Head

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	Rep'l 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

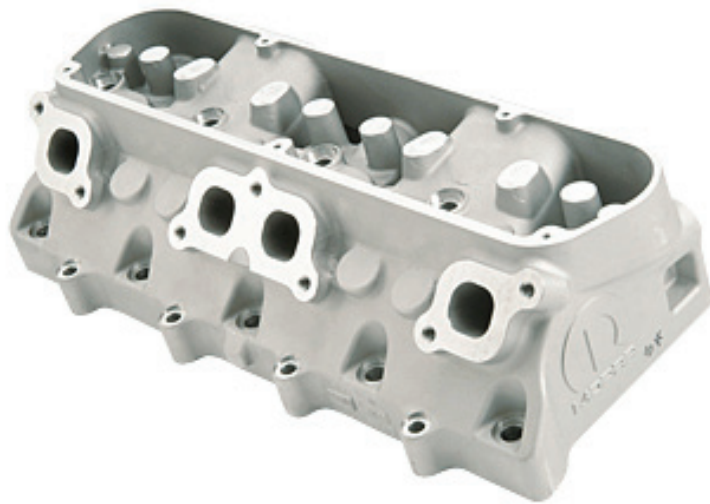
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¹ Not legal on pollution-controlled vehicles or vehicles registered for highway use.

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)

¹ **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

B. Cylinder Heads, Aluminum, W9

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°)

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. 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, Cylinder Head, Lock Wire, to 4.18" Bore; Head Needs Groove Machining (W7, W8, W9 Heads), Set

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)

Cylinder Heads, Aluminum, P9 (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

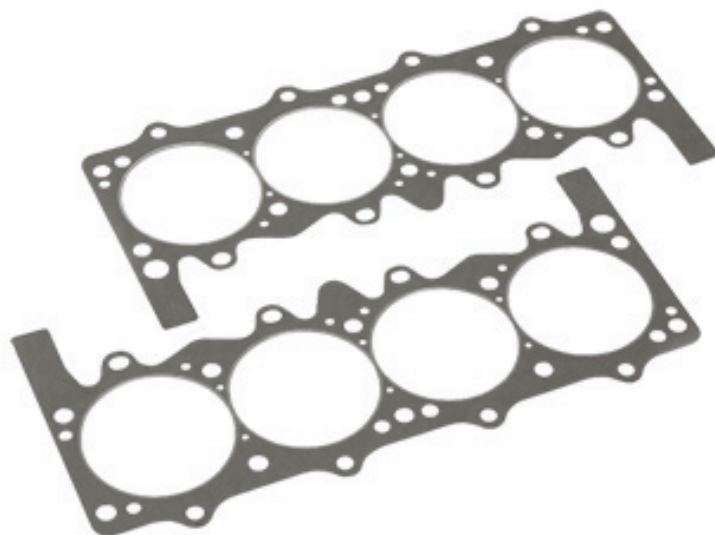
Aluminum Single Plane Intakes - Four-Barrel - Race (Not Shown)

- 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

C. Intake Manifold Gasket Sets

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.



C. P5007154

VALVE COVERS

P9 Valve Covers (Not Shown)

Magnesium Valve Cover set for P9 Cylinder Heads

¹ **P5153698** Valve Cover, Magnesium, P9 Head (Sold individually)



A.



B.



C.



D.

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)

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

C. Rear Cam Plates

Packages include rear seal plate only.

- ¹ **P4510810** Cam Plate, Rear, Dirt Late Model, A8 Block

ROCKER ARMS, SHAFTS, SUPPORTS, AND HARDWARE

D. 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

A. 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

B. 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

C. 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

GEAR DRIVES AND SERVICE PARTS

D. 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

E. 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

F. 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"

G. Replacement Water Pump Drive

Includes water pump crank drive hub.

¹ P5153462 Water Pump Drive, Aluminum, Replacement, A8/Aluminum "A"



A.



B.



C.



D.



E.



F.



G.

GEAR DRIVES AND SERVICE PARTS

A. Replacement Water Pump Mount

Includes Water Pump Mount for KSE crank-driven water pump.

¹ P5153466 Water Pump Mount, Replacement, A8/Aluminum "A"

B. Replacement Gear Set

Includes cam, crank, and idler gears.

¹ P5153457 Gear Set, Replacement, A4/ A8/ Aluminum "A"

C. 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"

D. Replacement Cam Drive

Includes cam drive adapter with hex drive.

¹ P5153463 Cam Drive, Aluminum, Replacement, A4/A8/Aluminum "A"

E. Replacement Cam Cover

Includes round billet Cam Cover.

¹ P5153465 Cam Cover, Aluminum, Replacement, A4/A8/Aluminum "A"

F. 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, Replacement, A4/A8/Aluminum "A"

G. Replacement Damper Seal Mount

Includes aluminum billet Damper Seal Mount.

¹ P5153464 Damper Seal Mount, Replacement, A4/Aluminum "A"

OILING COMPONENTS

H. Aluminum Block Oil Pan Gaskets

Gasket designed specifically for Mopar aluminum engines.

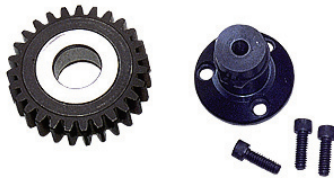
¹ P5007722 Gasket, Oil Pan, Aluminum A4 Engines

¹ P5007910 Gasket, Oil Pan, Aluminum A8 Engines



A.

B.



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G.

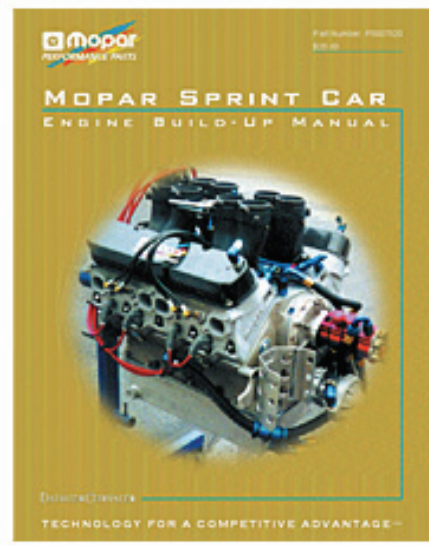
H.

BOOKS

A. 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.

AUTHENTIC PERFORMANCE™



NASCAR® / LATE MODEL



PERFORMANCE

ENGINE BLOCK HARDWARE

A. Timing Chain Covers

Package includes Timing Chain Cover, seal, and gasket.

- ¹ **P5249930AB** Cover, Timing Chain, Production, Includes Seal and Gasket, 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.



B.

BLOCKS**A. Cast Iron Race Engine Blocks, R3**

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.

Features:

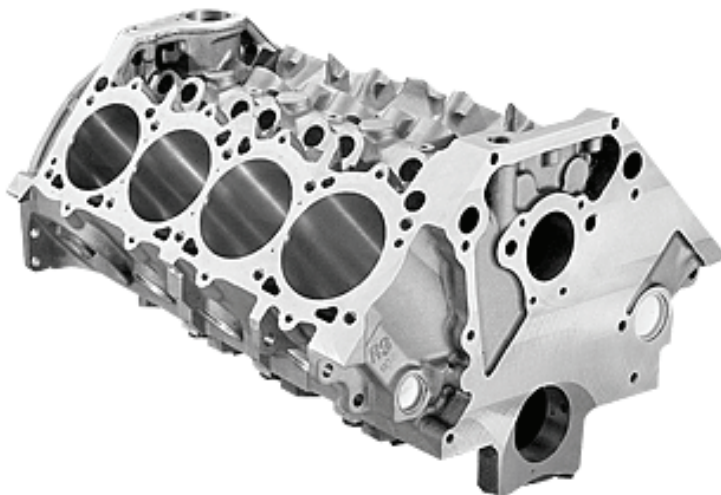
- Process-controlled castings utilizing high-strength cast iron and a computer-controlled stress-relieving process.
- 100% CNC machining with full statistical process control
- Thick deck surface and six-bolt cylinder head attachment (48° blocks) for improved sealing and reliability
- Rough bore at 3.900" 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



B. P5007552AB



B.

- 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 chart for additional block information.

B. 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 chart for additional information.

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:

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.

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

CRANKSHAFTS AND HARDWARE

A. 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

B. 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.

Camshafts (Not Shown)

- ¹ **P4529958** Camshaft, Hydraulic, 284 Duration, .484" Lift, 106 CL, for Oval Track "A" Engines

CYLINDER HEADS, GASKETS, AND HARDWARE

C. 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



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. W2 Cast Iron 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

B. 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

C. Hemi ProStock Cylinder Heads

NHRA ProStock series heads are made of heavy-duty 355 aluminum and feature a 6-bolt head pattern. Both ports are designed with material for porting and the intake ports point straight at the carbs. Valve alignment is E-I-I-E-E-I-I-E. Heads uses 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 **P4876883AB** Cylinder Head, Aluminum, 4.90" Bore Centers, Hemi 99
- ¹ **P5153447AB** Cylinder Head, NHRA Hemi ProStock

D. 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.

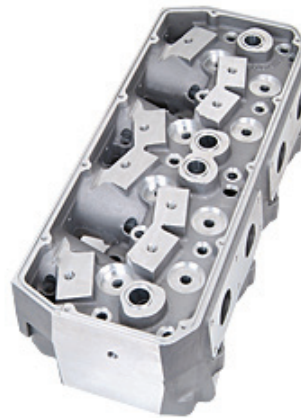
- ¹ **P4349557** Gasket, Cylinder Head, Composite Material, up to 4.06" Bore, 0.040" to 0.042" Compressed Thickness, Small Block
- ¹ **P4120094** Gasket, Cylinder Head, Composite Material, Up to 4.125" Bore, Up to 12.5:1 CR, Small Block



A.



B.



C.



D.

EXHAUST SYSTEMS

A. 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

VALVE COVERS AND HARDWARE

B. 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

Wide Valve Cover Hardware (Not Shown)

- ¹ **P5249581AB** Gasket, Valve Cover, Five-Bolt Rubber with Steel Shim Reinforcement, 318/340/360/ "A" Engines up to 1992, Set
- ¹ **P4876676** Stud Kit, Wide "LA" and W8 Valve Covers, 10 Studs with Lock Nuts

OIL, FUEL, AND WATER PUMPS

C. 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. 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

E. Fuel Pump

Special high rpm Fuel Pump for circle track applications.

- ¹ **P4876074** Fuel Pump, High-Performance

F. Water Pump - Race

High-performance water pump for racing applications.

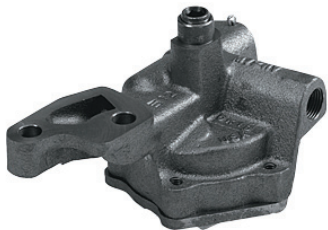
- ¹ **P4876548** Water Pump, Aluminum, Race, use with Timing Chain Cover P4876632



A.



B.



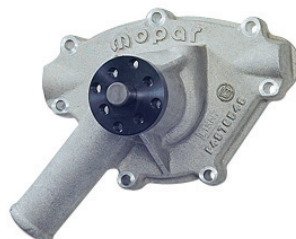
C.



D.



E.



F. P4876548

NASCAR SPRINT CUP

A. NASCAR Sprint Cup Race Block

¹ P5007427 Block, NASCAR Sprint Cup, R5

¹ 05045290AA Block, NASCAR Sprint Cup, R6

Contact Gellelt Evernham Motorsports ((704) 786-1909) for R6/P8 racing parts.

B. 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 Gellelt 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 Gellelt Evernham Motorsports ((704) 786-1909) for R6/P8 racing parts.

Fuel Components (Not Shown)

¹ P5007745 Pushrod, Fuel Pump, NASCAR, R5 Block

C. Fuel Pump

¹ P5007652 Fuel Pump, NASCAR, R5 Block

BOOKS

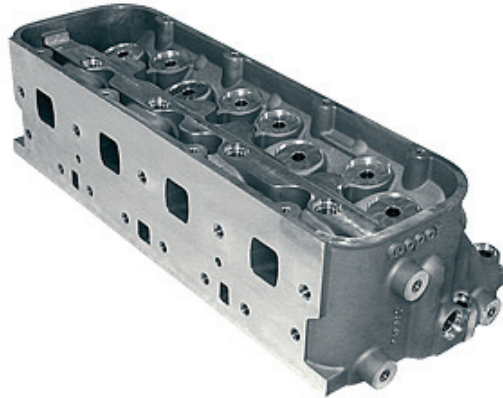
D. Mopar 358 Oval Track Engine Build-Up Manual

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)

P5007373AB Mopar 358 Oval Track Engine Build-Up Manual



A.



B.



C.



D.

BOOKS

A. Mopar Late Model Oval Track Engine Build-Up Manual

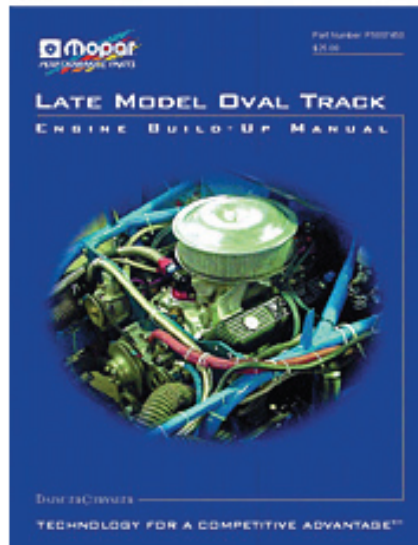
This manual is recommended for anyone who wants to build a Mopar 340-410 cid Late Model oval track racing engine. It describes all of the parts and procedures necessary to build a Late Model oval track engine for competition. Written by Mopar race engineers, this step-by-step build-up manual contains 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)

P5007450AB Mopar Late Model Oval Track Engine Build-Up Manual

B. 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)

P5249959AB Mopar Oval Track Modifications, 3rd Edition



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™



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



AUTHENTIC JEEP ACCESSORIES

RUBICON

HELLA

BFGoodrich

Mud-Terrain T/A

AUTHENTIC PERFORMANCE™



JEEP® / TRUCK



PERFORMANCE

BLOCKS

A. Magnum Race Blocks

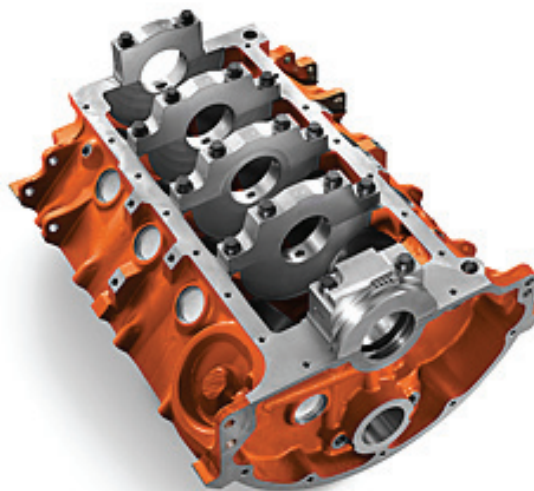
These new Magnum Race Blocks are made from the heavy-duty siamese-bore casting.

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



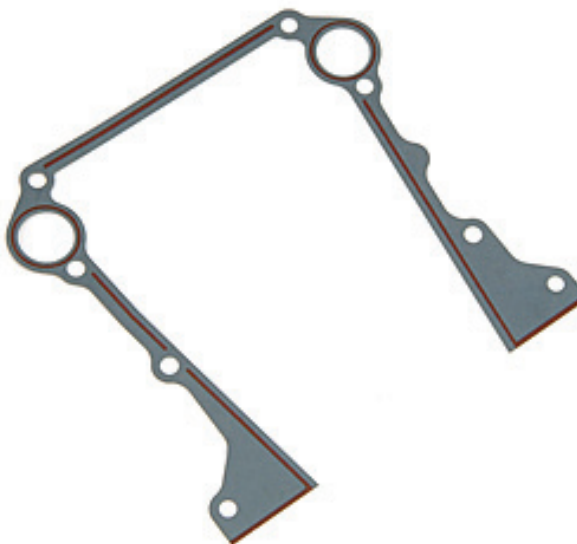
A.

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



B.

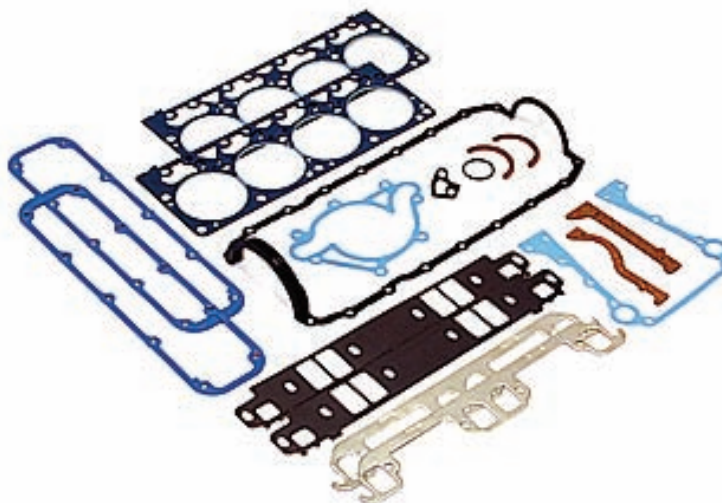
C. Engine Teardown Gasket Sets

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



C.

CRANKSHAFTS AND HARDWARE

A. 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.

TIMING CHAIN AND SPROCKETS

B. Flywheel Attaching Package

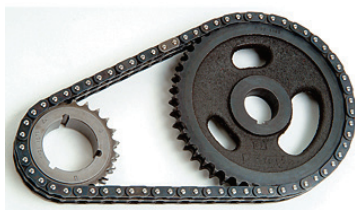
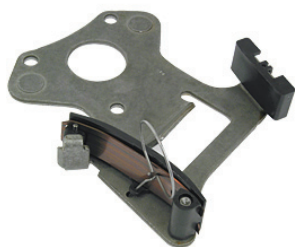
Contains all the bolts required to attach the flywheel and clutch to the engine assembly. Includes six flywheel bolts, six clutch bolts, pilot bearing and seal.

- P4529636AB** Hardware Kit, Flywheel, 4.0L AMC 360 Jeep Manual Transmission

C. 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.

D.

D. Double Roller Chain and Sprocket

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

E. 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.

VIBRATION DAMPERS

A. Replacement Vibration Damper

Compatible with production crankshaft and piston rod weight.

P5249535 Vibration Damper, Production Replacement, V-Belt, 4.2L Jeep Engines

B. 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

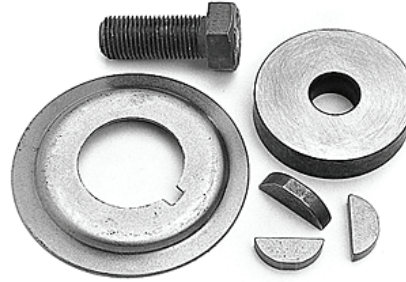
C. Damper Degree Timing Tape

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.

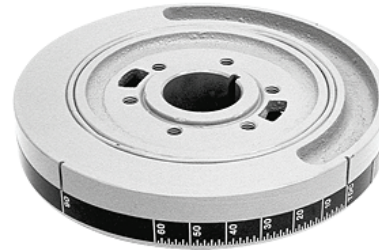
CAMSHAFTS, LIFTERS, AND HARDWARE

D. 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 .430/.430 Lift
- ¹ **P5249549** Camshaft, Hydraulic, Roller, 5.2L/5.9L EFI Truck Magnum/Jeep Engines .458/.467 Lift, 204/208 Duration @.050
- ¹ **P5007551** Camshaft, Hydraulic, Roller, 5.2L/5.9L EFI Truck Magnum/Jeep Engines .467/.482 Lift, 208/216 Duration @.050
- ¹ **P4876348** Camshaft, Hydraulic, Roller, 5.2L/5.9L Truck Magnum/Jeep Engines .501/.513 Lift, 230/234 Duration @.050

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



C.



D.

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	Best Choice		4 x 4	Street Rod
	Level	Manual	Automatic	Auto & Man	Auto & Man
4.0L Jeep I6	Stock	Stock	Stock	—	—
	Phase I	P4529228	P4529228	P4529228	P4529228
	Phase II	P4529229	P4529229	P4529228	P4529229
	Phase III	P4529230	P4529229	P4529229	—

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

CAMSHAFTS, LIFTERS, AND HARDWARE**A. 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

B. Hydraulic Flat Tappets

- ¹ **P4529220AB** Tappet, Hydraulic, Small Block/ 2.5L/4.0L Jeep Engines, Sold Individually

C. Hydraulic Roller Tappets

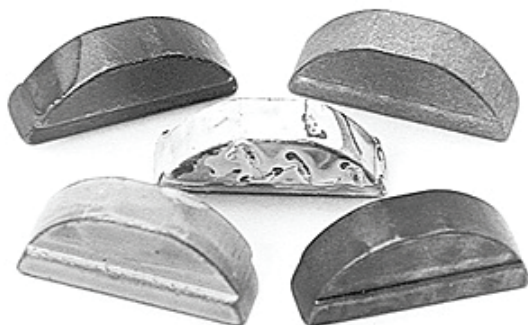
Sold as sets of 16 or individually for service.

- 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

D. 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



A.



B.



C.



D.

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

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CYLINDER HEADS, GASKETS, AND HARDWARE

A. Cylinder Heads, CNC-Ported

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

- ¹ **P5153345** Cylinder Head, CNC-Ported, Bare, LH, 5.7L Hemi
- ¹ **P5153346** Cylinder Head, CNC-Ported, Bare, RH, 5.7L Hemi
- ¹ **P5153343** Cylinder Head, CNC-Ported, Asm., LH, 5.7L Hemi
- ¹ **P5153344** Cylinder Head, CNC-Ported, Asm., RH, 5.7L Hemi
- ¹ **P5153349** Cylinder Head, CNC-Ported, Asm., LH, 6.1L/392 Hemi
- ¹ **P5153350** Cylinder Head, CNC-Ported, Asm., RH, 6.1L/392 Hemi



B. Magnum Aluminum Cylinder Head

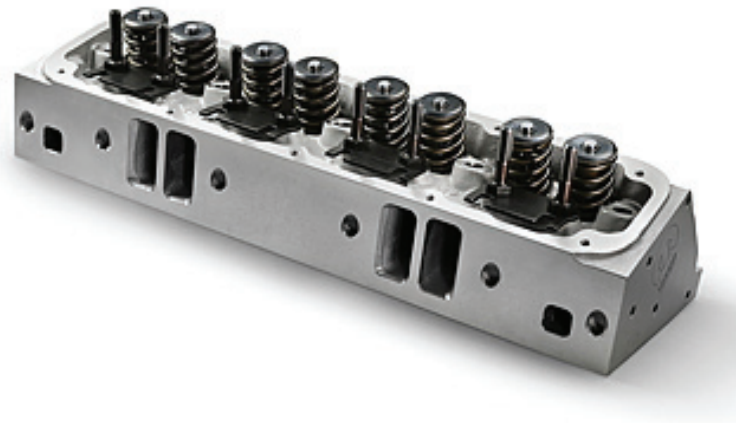
Mopar offers lightweight Magnum Aluminum Cylinder Heads for a variety of popular Dodge Truck and Jeep applications.

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)

A.



B.

CYLINDER HEADS, GASKETS, AND HARDWARE

A. Cylinder Head Gaskets

- 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.

- ¹ **P4876759** Bolt Set, Cylinder Head, Magnum, Small Block/ 5.2L/5.9L Truck Magnum/Jeep Engines

D. Hardened Washer Sets

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

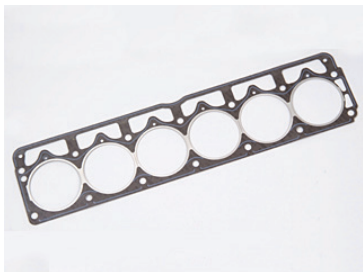
- P4120459** Washer, Hardened, 1/2", Small Block/ Truck Magnum/Jeep Engines, Set
- P4120456** Washer, Hardened, 3/8", Set

ROCKER ARMS, SHAFTS, SUPPORTS, AND HARDWARE

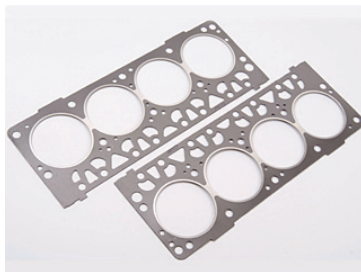
E. Roller Rocker Arm Sets - Complete Engine

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.



A. P4529242



A. P4876048



B.



C.



D.



E.

ROCKER ARMS, SHAFTS, SUPPORTS, AND HARDWARE

A. 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



B. 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

A.

B.

C. 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



D. 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

C.

D.

E. 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

F. Aluminum Rocker Arms

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.



E.

F. P5153852

VALVE COVERS AND HARDWARE

A. 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

B. 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

C. 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

D. Cast Aluminum Valve Cover Chrome Bolt Set

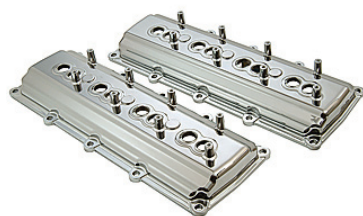
For cast aluminum valve covers only. Includes 20 bolts.

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

E. Cast Aluminum Valve Cover Grommet Set

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



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.

VALVE COVERS AND HARDWARE

A. 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).

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



A. P4529880

B. Baffle and Screw Package

For cast aluminum valve covers only.

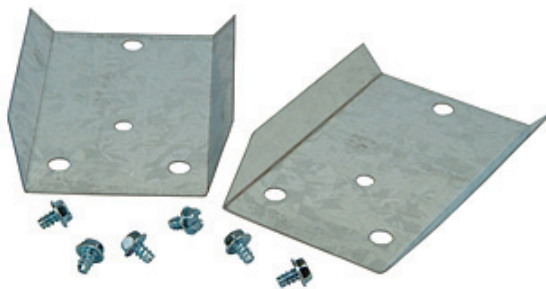
- P5007052** Baffle and Screw Package, Big Block/ Small Block/ Truck Magnum/Jeep Engines

VALVES AND VALVE TRAIN HARDWARE

C. 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.

D. 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



C.



D.

VALVES AND VALVE TRAIN HARDWARE

A. 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



A.



B.



B.



C.

B. 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
- ¹ **P4876063** Valve Spring, Single with Damper, HP Jeep V-8

C. 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

Part Number	Engine	Installed		Description	Wire			Material	Retainer
		Height	O.D.		Diameter	Lift Range			
P4529214	2.5L/4.0L	1.64"	1.31"	Cylindrical	0.177"	0.350"/0.430"	Production	P4529216	
P4529215	2.5L/4.0L	1.64"	—	Conical	—	0.350"/0.430"	Production	P4529217	
P5249464	5.2/5.9	1.64	1.42"	Single/Damper	0.187"	0.400"/0.525"	Chrome Silicon	P4452032	
P4876062	5.2/5.9	1.64	1.42"	Single/Damper	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.

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

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VALVES AND VALVE TRAIN HARDWARE

A. 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.

- ¹ **P4529218** Valve Keepers, For Retainers P4529216-17, 2.5, 4.0L, 5.2L, 5.9L Truck Magnum/Jeep Engines



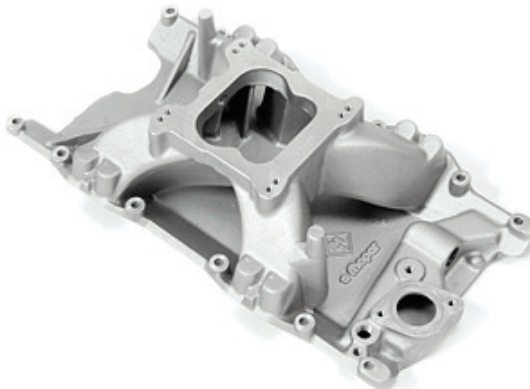
A.

INTAKE MANIFOLDS, HARDWARE, AND GASKETS

B. 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

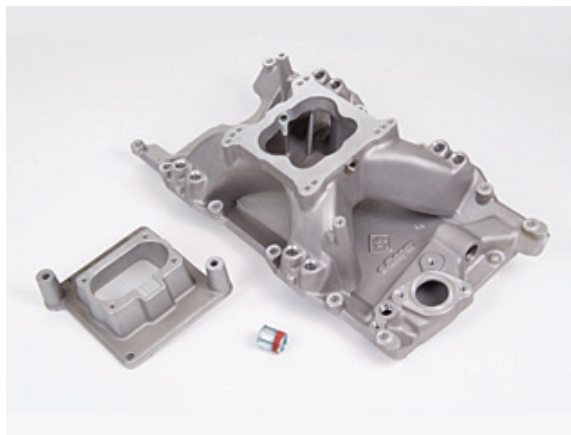


B.

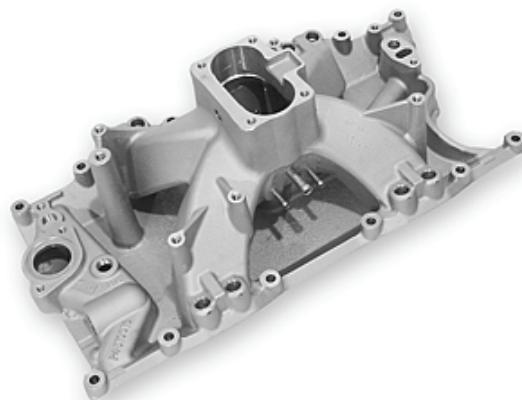
C. Aluminum Single Plane Intakes - MPI

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
- ¹ **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. P5007790



C. P5007398AB

INTAKE MANIFOLDS, HARDWARE, AND GASKETS

A. 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



A.

B. 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



B.

C. 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

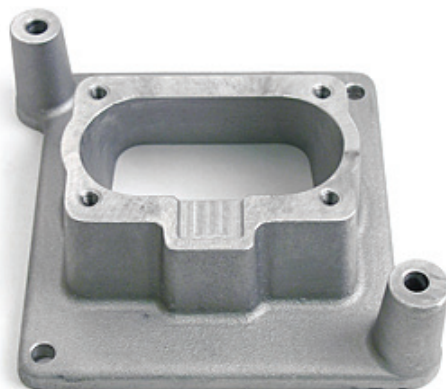


C.

D. 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



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.

INTAKE MANIFOLDS, HARDWARE, AND GASKETS

A. 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

B. MPI Conversion Kit Vibration Dampers

For use with Jeep® 4.2L MPI fuel injection conversion kits.

- ¹ **P5249688** Vibration Damper, Serpentine Belt, 1981-90 4.2L Jeep Engines
- ¹ **P5249687** Vibration Damper, V Belt, 1981-90 4.2L Jeep Engines

AIR SYSTEMS

C. 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.

- P5249807** Air Cleaner, Cast, Hemi/ Big Block/ Small Block/ 5.2L/5.9L Magnum/Jeep Engines
- P5007067** Air Cleaner, Cast, Jeep Vehicles



A.



B.



C. P5007067



C. P5249807

AIR SYSTEMS

A. 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 media filters. CARB-approved E.O.#D-265-22.

- 77060007AB** Cold Air Intake System, Dry Media, 2004-06 Wrangler, 4.0L
- 77060013AB** Cold Air Intake System, Dry Media, 2005-06 Liberty, 3.7L
- 77060010AB** Cold Air Intake System, Dry Media, 2005-09 Grand Cherokee/Comander, 5.7L
- 77060011AB** Cold Air Intake System, Dry Media, 2006-09 Grand Cherokee, 6.1L
- 77060012AB** Cold Air Intake System, Dry Media, 2007-09 Caliber/Compass/Patriot, 1.8L/2.0L/2.4L, Non-Turbo
- 77060081** Cold Air Intake System, Dry Media, 2007-09 Wrangler 3.8L
- P5007830** Cold Air Intake System, Oiled Filter, 1991-01 4.0L Cherokee
- P5153368** Cold Air Intake System, Oiled Filter, 1997-03 Wrangler, 4.0L
- P5007828** Cold Air Intake System, Oiled Filter, 2002-03 3.7L Liberty

B. 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 dry media filters.

- 77060008AB** Cold Air Intake System, Dry Media, 1998-00 Dakota 5.2L, 1998-02 Dakota 5.9L
- 77060020AB** Cold Air Intake System, Dry Media, 2002-03 Ram, 4.7L
- 77060005AB** Cold Air Intake System, Dry Media, 2003-05 5.7L Ram 1500
- 77060009AB** Cold Air Intake System, Dry Media, 2004-06 5.7L Durango
- 77070006** Cold Air Intake System, Dry Media, 2006-08 Ram, 5.7L
- 77070004** Cold Air Intake System, Dry Media, 2007-09 Durango/Aspen, 5.7L
- 77070023** Cold Air Intake System, Dry Media, 2009 Ram, 5.7L



A.



B. 77070008



B. 77070005



B. 77060020AB



B. 77070006



B. 77070004

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 made of a Dry Media material and are washable and reusable. Do not oil dry media filters.

- 77070015** Air Filter, Cold Air Intake Replacement, Dry Media, Used to Service Kit 77060012AB
- 77070010** Air Filter, Cold Air Intake Replacement, Dry Media, Used to Service Kits 77060003AB, 77060006AB, 77060010AB, 77060011AB, 77070008
- 77070012** Air Filter, Cold Air Intake Replacement, Dry Media, Used to Service Kits 77060005AB, 77060009AB, 77070004, 77070006
- 77070013** Air Filter, Cold Air Intake Replacement, Dry Media, Used to Service Kits 77060007, 77060013AB, 77060021, 77060080
- 77070014** Air Filter, Cold Air Intake Replacement, Dry Media, Used to Service Kits 77060008, 77060020AB
- 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

B. 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.

- P4510474** Air Filter, High Flow, O. E. Replacement, 1991-01 4.0L Cherokee
- P4510469** Air Filter, High Flow, O. E. Replacement, 1994-01 5.2L/5.9L Ram
- P4510473** Air Filter, High Flow, O. E. Replacement, 1997-03 4.0L Wrangler
- P4510467** Air Filter, High Flow, O. E. Replacement, 1997-99 5.2L/5.9L Dakota/Durango
- P4510466** Air Filter, High Flow, O. E. Replacement, 1999-03 4.7L Dakota/Durango
- P4510475** Air Filter, High Flow, O. E. Replacement, 1999-04 4.7L Grand Cherokee
- P4510468** Air Filter, High Flow, O. E. Replacement, 2000-03 5.9L Dakota/Durango
- P4510472** Air Filter, High Flow, O. E. Replacement, 2005-09 6.1L Magnum/300/Charger/Challenger, 2002-03 3.7L Liberty
- P5153573** Air Filter, High Flow, O. E. Replacement, 2007-09 Compass/Patriot/Caliber
- P5155085** Air Filter, High Flow, O. E. Replacement, 2007-09 Wrangler 3.8L, 2002-07 Liberty 3.7L



A.



B.

AIR SYSTEMS

A. Air Filter Service Kit

Servicing all of Mopar's washable/oilable filters for both the Mopar cold air induction systems and Mopar Performance O.E. Replacement Air Filters.

P5153376 Air Filter Service Kit, For "Oiled" Air Filters



B. 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.

P4510921AB Ram Air Induction System, 2004-05 Ram SRT10

C. 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.

P5153307 Ram Air Duct, 2003-08 Ram 5.7L

A.

B.



New! Snorkels (Not Shown)

- ¹ **P5155330** Snorkel, W/ Air Ram, 2007-09 Wrangler
- ¹ **P5155422** Snorkel, W/ Pre-Filter, 2007-09 Wrangler

EXHAUST SYSTEMS

D. 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.

C.

D. P4510280



D. P5153566

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

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EXHAUST SYSTEMS

A. 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

B. 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

C. 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.

- ¹ **P5007792** Cat-Back Exhaust System, Dual Rear Exit, 2002-05 Liberty 3.7L
- ¹ **P5155035** Cat-Back Exhaust System, Dual Rear Exit, Square Tips, 2.5" Pipe, 2009 3.7L Liberty
- ¹ **P4510858** Cat-Back Exhaust System, Rear Exit, 2.25" Pipe, 2004 Grand Cherokee 4.0L, 4.7L, 2/4 Wheel Drive
- ¹ **P4510857** Cat-Back Exhaust System, Rear Exit, 2004-06 Wrangler, 4.0L
- ¹ **P5155114** Cat Back Exhaust System, Single Exit With Square Tip, 2007-09 Compass/Patriot, AWD, 2.0L/2.4L
- ¹ **P5153589** Cat-Back Exhaust System, Rear Exit, 2.5" Pipe, 2005 - 08 Commander, 5.7L, 2/4 Wheel Drive
- ¹ **P5155113** Cat Back Exhaust System, Single Exit With Square Tip, 2007-09 Compass/Patriot, FWD, 2.0L/2.4L
- ¹ **P5153858** Cat Back Exhaust System, Single Outlet, 2007-09 Wrangler 3.8L, 2/4 Door
- ¹ **P5153364** Cat-Back Exhaust System, Rear Exit, 2.5" Pipe, 2005-08 Grand Cherokee, 5.7L, 2/4 Wheel Drive



A.



B.



C. P5153364



C. P5155113



C. P5153589

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.

¹ **P5153453** Cat-Back Exhaust System, Dual Center Rear Exit, 2006-2009 Grand Cherokee SRT8, 6.1L



A. P5153453

EXHAUST SYSTEMS

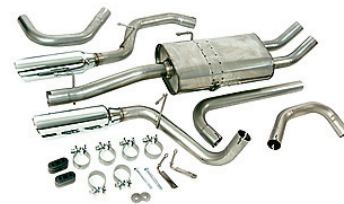
A. Cat-Back Exhaust Systems - Truck

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.

- ¹ **P4510607** Cat-Back Exhaust System, Rear Exit, 3.0" Pipe, 2004-2008 Durango, 4.7/5.7L, 2/4 Wheel Drive
- ¹ **P5153365** Cat-Back Exhaust System, 45 Degree Passenger Side Exit, 2.50" Pipe, 2005-08 Dakota 4.7L, 2/4 Wheel Drive
- ¹ **P5155280** Cat Back Exhaust System, Dual Rear Exit, 5" Rectangular Chrome Tips, 2009 Ram 5.7L (With Bumper Cut-Outs), 6'8" Bed, 4WD
- ¹ **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
- ¹ **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
- ¹ **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
- ¹ **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
- ¹ **P5153674** Cat-Back Exhaust System, Rear Exit, 2.25" Pipe, 2006- 2008 Ram 1500, 5.7L, Regular Cab Short Bed, 2/4 Wheel Drive
- ¹ **P5155110** Cat-Back Exhaust System, Single Rear Exit With Dual Square Tips, 2.5" Pipe, 2007-2009 Nitro, 4.0L, V6
- ¹ **P5155111** Cat Back Exhaust System, Single Rear Exit With Dual Square Tips, 2.5" Pipe, 2007-2009 Nitro, 3.7L
- ¹ **P5153473** Cat-Back Exhaust System, Rear Exit, 2.25" Pipe, 2006-08 Ram 1500, 5.7L, Crew Cab, Short Bed, 2/4 Wheel Drive
- ¹ **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
- ¹ **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
- ¹ **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
- ¹ **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.
- ¹ **P4510856** Cat-Back Exhaust System, Rear Exit, 2003-05 Ram SRT10, 8.3L, Regular Cab, Short Bed
- ¹ **P5153639** Cat-Back Exhaust System, Rear Exit, 2.5" Pipe, 2006 Ram 1500 SRT 10, 8.3L, Regular/Crew Cab, Short Bed



A. P4510464



A. P5007851



A. P5153640



A. P5153674



A. P5153641



A. P5153695



A. P5155110

OILING COMPONENTS

A. 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

B. Oil Pump-Heavy Duty

¹ **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.

¹ **P4286740** Oil Pump, 225 Slant 6

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 galleys to ensure against dry starts and premature engine wear. Fits all V8 engines.

P4286800 Shaft, Oil Pump Priming

D. Oil Pan Gasket

P5249932 Gasket, Oil Pan, 5.9L Dodge Truck Magnum/Jeep Engines

FUEL SYSTEMS/ INJECTION COMPONENTS

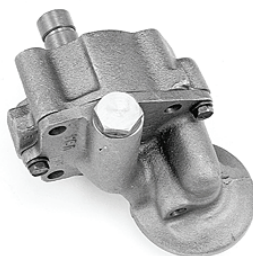
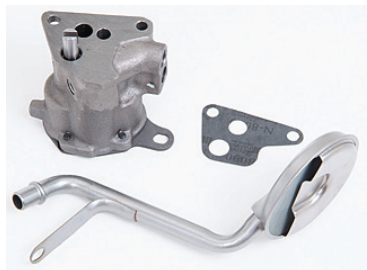
E. 360 Magnum Crate Engine Fuel Injection Kit

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.



A.

B.



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D.



E.

FUEL SYSTEMS/ INJECTION COMPONENTS

360 Magnum Wire Harness (Not Shown)

¹ P5153687 Wiring Harness, Service part for 360 Fuel Injection Kits

A. 360 Magnum Electric Fuel Pump

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

B. 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.

C. 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.

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

D. 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.

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

SUSPENSION UPGRADES AND COMPONENTS

E. Anti-Sway Bar Kit

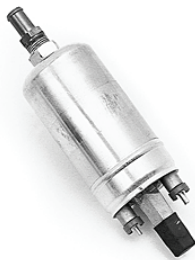
Jeep Commander Anti-Sway Bar Kit includes both front and rear bars and bushing sets. Bars are made of a high-quality material that ensures durability and are powder-coated to protect them from the elements. Bars reduce body roll and help to keep the tires firmly planted on the ground. Dimensions: Front 35 mm, Rear 22 mm.

¹ P5153727 Anti-Sway Bar, Stage 1, 2006-08 Jeep Commander, 5.7L

F. 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.

¹ P5153728 Lowering Springs, 2006-08, Jeep Commander, 5.7L



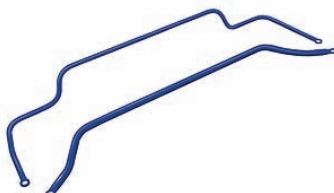
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SUSPENSION UPGRADES AND COMPONENTS

A. 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, Front, Steel, 2007-09
Compass/Patriot/Caliber, Non-Turbo



B. Lowering Kit

- ¹ **P5155066** Lowering Kit, Includes Springs, Shocks and Axle Flip Kit, 2006-2008 Ram, 2WD, SWB, Front: 1.50", Rear: 4.30"

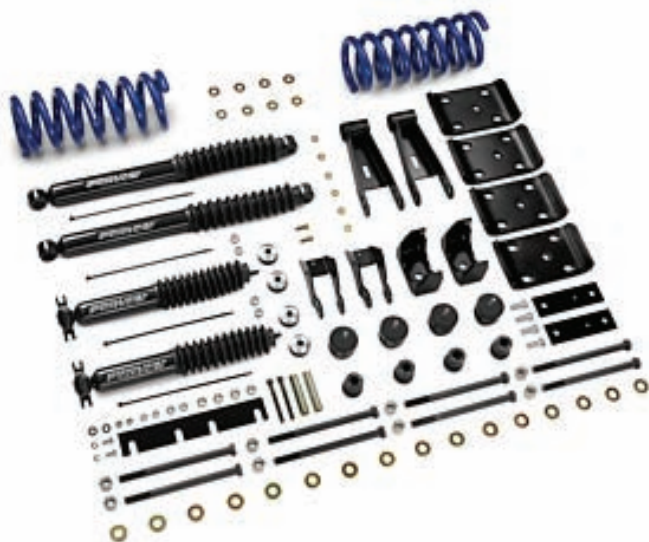
New! Leveling Kits (Not Shown)

- ¹ **P5155388** Leveling Kit, 2.0" Lift, 2002 Ram DR
¹ **P5155394** Leveling Kit, 2.0" Lift, 2003-04 Ram DR2500, 2005-09 Ram DR/DH 2500 and 3500
¹ **P5155387** Leveling Kit, 2.5" Lift, 1994-02 Ram DR Regular Cab

New! Lift Kits- Cherokee/Grand (Not Shown)

- ¹ **P5155382** Lift Kit, 1.75" Coil Spacer w/ Shocks, 1993-98 Grand Cherokee
¹ **P5155379** Lift Kit, 2.5" Lift w/ Shocks, 1984-01 Cherokee

A. P5153565



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.

SUSPENSION UPGRADES AND COMPONENTS

A. New! Lift Kits- JK

2" Coil Spacer Lift Kit

This low cost, entry level lift is for the JK owner who simply wants to run larger tires. Includes coil spacers, compression travel dampeners and new cam bolts for caster (steering) alignment. Not recommended for difficult trail use since 2" of suspension extension travel is lost. Ideal for 33" to 35" tires.

2" Coil Spring Lift Kit

This kit offers exceptional ride comfort and control, on-road or off. Offers all the suspension travel the factory JK driveline offers. 2WD applications yield approximately 3" lift. Ideal for 33" to 35" diameter tires.

Features:

- Ideally rated coil springs and Bilstein premium shock absorbers provide unmatched ride quality and handling, both on-road and on the trails
- Yields all of the suspension travel and articulation the factory JK drivelines have to offer
- Adjustable alignment cams (at front / lower link arms-to-axle attachment points) correct caster angle
- Front body / frame alignment corrected by an adjustable track bar; the rear is handled via a track bar relocation bracket with integrated brace
- Correct length sway bar links with greasable, factory type ends
- Brake hose and parking brake cable relocation brackets
- Replacement high-clearance, high capacity steering dampener kit

4.5" Long Arm Lift Kit

The ultimate off-road performer. Mopar's long arm kit provides optimal suspension travel by using longer, high-articulation axle-to-frame link arms. Best suited for 37" diameter tires.



A. P5155075

- ¹ **P5155372** Lift Kit, 1.75" Coil Spacer w/ Shocks, 1997-06 Wrangler TJ
- ¹ **P5155367** Lift Kit, 2" Coil Spacer Lift, 2007-09 Wrangler JK, 2/4 Door, 2WD/4WD
- ¹ **P5155207** Lift Kit, 2" Coil Spring Lift w/ Bilstein Shocks, 2007-09 Wrangler JK, 4-Door, 2WD/4WD
- ¹ **P5155374** Lift Kit, 3" Coil Spring Lift w/ Shocks, 2003-06 Wrangler TJ
- ¹ **P5155373** Lift Kit, 3" Coil Spring Lift w/ Shocks, 1997-02 Wrangler TJ
- ¹ **P5155075** Lift Kit, 4.5" Coil Spring/Long Arm Lift w/ Bilstein Shocks, 2007-09 Wrangler JK, 4-Door, 4WD

Lift Kits work with all vehicle systems including the Electronic Stability Program, and are covered (except P5155075) by a Limited Lifetime Warranty. The warrantor is the Lift Kit manufacturer, not Mopar, Chrysler LLC, or the dealership selling the product. Refer to www.Mopar.com for warranty details and installation instruction downloads.



A. P5155207

SUSPENSION UPGRADES AND COMPONENTS

New! Lift Kits-CJ (Not Shown)

- ¹ P5155369 Lift Kit, 3.0" Lift w/ Shocks, 1981-86 Wrangler CJ
- ¹ P5155368 Lift Kit, 3.0" Lift w/ Shocks, 1976-81 Wrangler CJ

New! Lift Kits- YJ (Not Shown)

- ¹ P5155371 Lift Kit, 3.5" Lift w/ Shocks, 1987-95 Wrangler YJ
- ¹ P5155370 Lift Kit, 1.5" Lift w/ Shocks, 1987-95 Wrangler YJ

A. New! Lift Kits- Ram Truck

- ¹ P5155393 Lift Kit, 4.0" Lift w/ Shocks, 2009 Ram DS 1500 4x4

B. New! Lift Kit Service Parts

- 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

IGNITION AND ELECTRONICS

C. 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.



A. P5155393



B. P5155116



B. P5155117



B. P5155118



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.

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
- ¹ **P5153734AC** Engine Controller, 360 MPI, Automatic Transmission
- ¹ **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

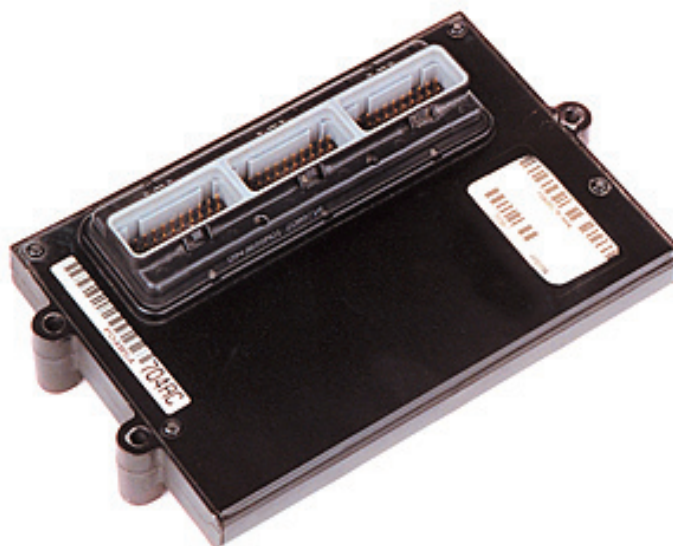
Plug in this performance-engineered Engine Controller and experience an immediate increase in horsepower and torque. Fuel and spark settings are adjusted for use with the required performance camshaft (P4510171) and exhaust headers (P4510844 or P5153168). Manual transmission only.

- 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.

- P4876433** Wire Set, Spark Plug, 7.5 mm 5.2L/5.9L Truck Magnum/Jeep Engines (1992-03) 1 7/8" Short boot
- P4876436** Wire Set, Spark Plug, 7.5 mm, 1991-02 4.0L Jeep Engines
- P4876432** Wire Set, Spark Plug, 7.5 mm, 1992-03 5.2L/5.9L Truck Magnum/Jeep Engines, 2 5/8" Long boot
- P4876434** Wire Set, Spark Plug, 7.5 mm, 1994-02 8.0L Ram
- P4876437** Wire Set, Spark Plug, 7.5 mm, 1996-00 2.5L Dakota and Wrangler

B. Distributor Cap and Rotor Set

- 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.

- 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



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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

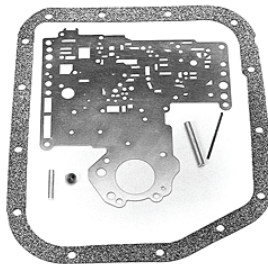
Packages include factory original equipment transmission seals, filters, gaskets, rings, bands and discs.

- 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. Torque Converters, Lockup

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



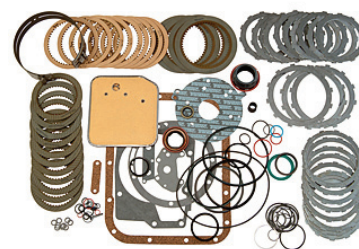
A.



B. P4876706



B. P4876821



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D.

AUTOMATIC TRANSMISSION COMPONENTS

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	P4876805AB	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 1968-76, 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		

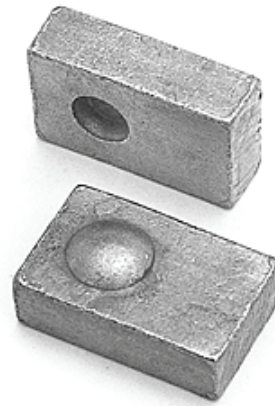
Note: 145K = 1900-2100 stall speed; 166K = 2250-2350 stall speed; 175 = 2400-2500 stall speed.

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.

- ¹ **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

New! Transfer Case (Not Shown)

- ¹ **P5155154** 241 OR Transfer Case Kit With Shift



D.



A. P5155083



A. P5155084



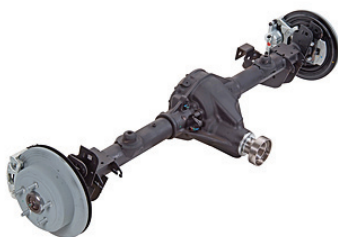
A. P5155256



A. P5155257



A. P5153827



A. P5153826AB



B.

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.

- ¹ **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

AXLE COMPONENTS

New! Locker Wiring Harness (Not Shown)

- P5155359** Harness, Wiring, Allows Locker Axles To Be Powered

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

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

New! Corner Guards (Not Shown)

- P5155349** Corner Guards, Rear, 2007-09 Wrangler 2-Dr.
- P5155350** Corner Guards, Rear, 2007-09 Wrangler 4-Dr.

HOODS AND HOOD COMPONENTS

New! Hoods (Not Shown)

- ¹ **P5155351** Hood, Heat Reduction, 2007-09 Wrangler

OFF ROAD TOOLS AND ACCESSORIES

New! Jack Base (Not Shown)

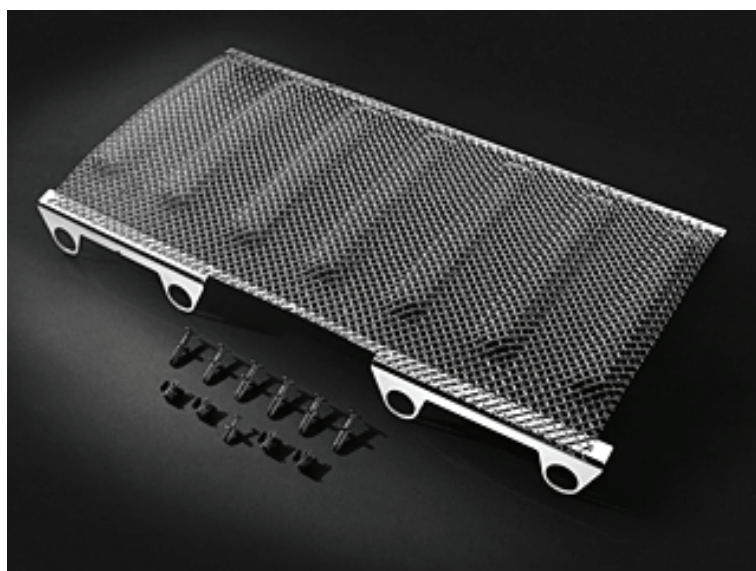
- P5155336** Jack Base, 7.5" W x 10.5" L x 3.5" H



A.



B.



B.

AUTHENTIC PERFORMANCE™



MORE STUFF



PERFORMANCE



AUTHENTIC PERFORMANCE™



AUDIO



PERFORMANCE

MOPAR/KICKER APPLICATION CHART

Application	I/P	Front	Rear	Sub Wfr.	Amp Watts	Amp	OE Audio Level	MYI-MYO	Mopar Part Number	
300 (LX)		X					Base	2005-09	77KICK08	
	X	X					Premium	2005-09	77KICK11	
				X				Base - Premium	2005-09	77KICK06
					Single 10"	100		Base - Premium	2005-09	77KICK02
					Dual 10"	400		Base - Premium	2005-09	77KICK20AB
						184	4.1 Chnl.	Base	2005-07	77KICK34
						368	8 Chnl.	Premium	2005-07 2008-09	77KICK18AB 77KICK39
							Premium	2008-09	77KICK30AC	
Avenger/Sebring (JS)	X	X					Premium	2007-09	77KICK11	
	X	X					Base (6 Spkr.)	2007-09	77KICK28	
		X					Base (4 Spkr.)	2007-09	77KICK29	
				X				Base - Premium	2007-09	77KICK06
					Single	200		Base - Premium	2007-09	77KICK27
					Dual 10"	400		Base - Premium	2007-09	77KICK26
						184	4.1 Chnl.	Base	2007-09	77KICK38
					368	8 Chnl.	Premium	2007-09	77KICK30AC	
Caliber (PM)		X					Base	2007-09	77KICK06	
	X	X					Premium	2007-09	77KICK16	
				Gate				Premium	2007-09	77KICK25
				X				Base - Premium	2007-09	77KICK06
					Single 10"	200		Base - Premium	2007-09	77KICK14AC
					Dual 10"	400		Base - Premium	2007-09	77KICK22AC
						184	4.1 Chnl.	Base	2007-09	77KICK37
					368	8 Chnl.	Premium	2007-09	77KICK18AB	
Challenger (LC)		X					Base	2009-	77KICK08	
	X	X					Premium	2009-	77KICK11	
			X				Base - Premium	2009-	77KICK10	
				Single	200		Base - Premium	2009-	77KICK31AC	
				Dual 10"	400		Base - Premium	2008-09	77KICK20AB	
						184	4.1 Chnl.	Base	2009-	77KICK39
					368	8 Chnl.	Premium	2009-	77KICK30AC	
Charger (LX)		X					Base	2005-09	77KICK08	
	X	X					Premium	2005-09	77KICK11	
				X				Base - Premium	2005-09	77KICK06
					Single 10"	200		Base - Premium	2005-09	77KICK04AB
					Dual 10"	400		Base - Premium	2005-09	77KICK20AB
						184	4.1 Chnl.	Base	2005-07	77KICK34
						368	8 Chnl.	Premium	2005-07 2008-09	77KICK39 77KICK18AB
							Premium	2008-09	77KICK30AC	
Commander (XK)		X					Base (6 Spkr.)	2007-09	77KICK29	
	X	X					Premium	2005-09	77KICK11	
				X				Base - Premium	2005-09	77KICK10
						368	8 Chnl.	Premium	2007-09	77KICK18AB
Compass / Patriot (MK)		X					Base	2007-09	77KICK06	
	X	X					Premium	2007-09	77KICK16	
				X				Base - Premium	2007-09	77KICK06
				Hatch				Premium	2007-09	77KICK25
					Dual 10"	400		Base - Premium	2007-09	77KICK22AC
					Single 10"	200		Base - Premium	2007-09	77KICK14AC
						184	4.1 Chnl.	Base	2007-09	77KICK37
					368	8 Chnl.	Premium	2007-09	77KICK18AB	
Dakota (ND) Quad, Crew, Ext. and Club		X					Base	2005-09	77KICK10	
				X			Base	2005-09	77KICK10	
Durango (HB)		X					Base	2004-06	77KICK10	
	X	X					Premium	2004-06	77KICK05	
				X				Base - Premium	2004-06	77KICK10
Grand Cherokee (WK)		X					Base (6 speaker)	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
					368	8 Chnl.	Premium	2005-09	77KICK18AB	

MOPAR/KICKER APPLICATION CHART

Application	I/P	Front	Rear	Sub Wfr.	Amp Watts	Amp	OE Audio Level	MYI-MYO	Mopar Part Number
Liberty (KJ/KK)	X	X					Premium	2005-09	77KICK15
			X				Base - Premium	2005-09	77KICK10
				Dual 10"	400		Base - Premium	2008-09	77KICK19AB
					184	4.1 Chnl.	Base	2008-09	77KICK36
Magnum (LX)		X					Premium	2005-09	77KICK46
							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	4.1 Chnl.	Base	2005-07	77KICK34
					368	8 Chnl.	Premium	2005-07	77KICK18AB
Neon (PL)							Base	2008-09	77KICK30AC
	X	X					Base	2004-05	77KICK05
			X				Base	2004-05	77KICK07
Nitro (KA)				Single 10"	100		Base	2004-05	77KICK01
	X	X					Base - Premium	2006-09	77KICK15
			X				Base - Premium	2006-09	77KICK10
				Dual 10"	400		Base - Premium	2006-09	77KICK19AB
PT Cruiser (PT)					184	4.1 Chnl.	Base	2007-09	77KICK36
					368	8 Chnl.	Premium	2007-09	77KICK46
	X	X					Base - Premium	2006	77KICK05
Ram (DR/DS) Standard Cab			X				Base - Premium	2006	77KICK10
		X					Base	2005-08	77KICK06
	X	X					Premium	2005-08	77KICK11
			X				Base - Premium	2005-08	77KICK32
				Single 10"	200		Base - Premium	2005-08	77KICK13AB
					184	4.1 Chnl.	Base	2005-08	77KICK35
Ram (DR/DS) Quad/Crew Cab					368	8 Chnl.	Premium	2005-08	77KICK18AB
		X					Base	2005-08	77KICK06
								2009-	77KICK41
	X	X					Premium	2005-08	77KICK11
								2009-	77KICK42
			X				Base - Premium	2005-08	77KICK32
								2009-	77KICK29
				Single 10"	200		Base - Premium	2005-08	77KICK17AB
								2009-	77KICK44
					184	4.1 Chnl.	Base	2007-08	77KICK35
					368	8 Chnl.	Premium	2005-08	77KICK18AB
					552	12 Chnl.	Premium	2009-	77KICK45
Ram (DR) Mega Cab		X					Base	2005-08	77KICK06
	X	X					Premium	2005-08	77KICK11
					184	4.1 Chnl.	Base	2007-08	77KICK35
Wrangler 2 Door (JK)		X					Base /Premium	2006-09	77KICK10
			X				Base/Premium	2006-09	77KICK10
				Single 10"	200		Base/Premium	2007-09	77KICK40
					184	4.1 Chnl.	Base	2007-09	77KICK33
Wrangler 4 Door (JK)					368	8 Chnl.	Premium	2007-09	77KICK46
		X	X				Base /Premium	2006-09	77KICK10
				Single 10"	200		Base /Premium	2006-09	77KICK24AB
					184	4.1 Chnl.	Base	2007-09	77KICK33
				368	8 Chnl.	Premium	2007-09	77KICK46	

In the above chart, 'Premium' refers to original equipment Boston Acoustics®, Infinity® and Harmon-Kardon® Sound Systems installed in Chrysler LLC vehicles. If your car is already equipped with a Kicker® Sound System from the factory you can consider a Dual Subwoofer to enhance your listening experience.

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.

77KICK33 Amplifier, 184 Watts, 4 Channel

77KICK34 Amplifier, 184 Watts, 4 Channel

77KICK35 Amplifier, 184 Watts, 4 Channel

77KICK37 Amplifier, 184 Watts, 4 Channel

77KICK39 Amplifier, 184 Watts, 4 Channel

77KICK18A Amplifier, 368 Watts, 8 Channel

77KICK30A Amplifier, 368 Watts, 8 Channel

See application chart for vehicle specific applications.



A.

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!



A.



A.



A.



A.



A.



A.



A.



A.

- 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.

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
- 77KICK40** 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.

 <p>A. 77KICK01</p>	 <p>A. 77KICK02</p>
 <p>A. 77KICK03</p>	 <p>A. 77KICK04</p>
 <p>A. 77KICK12</p>	 <p>A. 77KICK13</p>
 <p>A. 77KICK14</p>	 <p>A. 77KICK17</p>
 <p>A. 77KICK24AB</p>	 <p>A. 77KICK31</p>
 <p>A. 77KICK19</p>	 <p>A. 77KICK20</p>

KICKER AUDIO UPGRADES

A. Subwoofers (Continued)



A. 77KICK21



A. 77KICK22AB



A. 77KICK23

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™



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)

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

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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)

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.

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)



A.



B.



C. 77060073



D.

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 modifications to the vehicle's interior. Not recommended for vehicles equipped with an A-pillar mounted air bag.

A. Gauge Pods - Single

P4510560 Gauge Pod, Single, A-Pillar Mount, Black Finish, 2003-05 Neon SRT4, 2000-05 Neon

B. Gauge Pods - Dual

77060072 Gauge Pod Kit , Dual, A-Pillar Mount, Tan, Contains Pod 77060067, Boost Vacuum Gauge 77060030, and Pyrometer Gauge 77060046, 2003-08 Dodge Ram

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, 2003-08 Ram

77060066 Gauge Pod, Dual, Dash Mount, Black, 1997-05 Wrangler

77060069 Gauge Pod, Dual, Overhead Mount, Black, 2003-05 Ram

C. Gauge Pods - Triple

77060073 Gauge Pod Kit , Triple, A-Pillar Mount, Tan, Contains Pod 77060068, Boost Vacuum Gauge 77060030, Pyrometer Gauge 77060046, and Transmission Temperature Gauge 77060048, 2003-08 Dodge Ram

77060064 Gauge Pod, Triple, A-Pillar Mount, Black, 2000-05 Neon

77060068 Gauge Pod, Triple, A-Pillar Mount, Tan, 2003-05 Ram

77060065 Gauge Pod, Triple, Dash Mount, Black, 2003-04 Ram

77060070 Gauge Pod, Triple, Overhead Mount, Black, 2003-05 Ram

Gauge Pods - Quad (Not Shown)

77060071 Gauge Pod, Quad, Overhead Mount, Black, 2003 - 05 Ram

GAUGE COMPONENTS

D. Tachometer Signal Adapter

P4510598 Tachometer Adapter, Required for all applications without a distributor

PERFORMANCE GAUGES

GAUGE COMPONENTS

A. Speedometer Components

- 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.
- 04897646AA** Speedometer Cable, 1968-75 A/B/E-Bodies (without cruise control)



A. 04897646AA



A. P5155068

AUTHENTIC PERFORMANCE™



SILVERSTAR LIGHTING



PERFORMANCE

SILVERSTAR LIGHTING

LAMPS

A. SilverStar Halogen Ultra Lamps

The Silverstar Ultra series produce 20% more light than standard SilverStar Headlights. This gives you 25% increased downroad viewing, and an increased sideroad view.

- P0009003SU** Headlamp, Silverstar Ultra, 9003
- P0009004SU** Headlamp, Silverstar Ultra, 9004
- P0009005SU** Headlamp, Silverstar Ultra, 9005
- P0009006SU** Headlamp, Silverstar Ultra, 9006
- P0009007SU** Headlamp, Silverstar Ultra, 9007

B. SilverStar Halogen Lamps

SilverStar Headlights produce a whiter light, closer to the color of daylight. Whiter light helps you see better at night. And if your night vision is better, night driving is safer.

- P0000880ST** Fog Lamp, SilverStar, 880
- P0000893ST** Fog Lamp, SilverStar, 893
- P0009003ST** Headlamp, SilverStar, 9003
- PL009004ST** Headlamp, Silverstar, 9004
- P0009005ST** Headlamp, Silverstar, 9005
- P09005XSST** Headlamp, SilverStar, 9005XS
- PL009006ST** Headlamp, Silverstar, 9006
- PL9006XSS** Headlamp, Silverstar, 9006XS
- PL009007ST** Headlamp, Silverstar, 9007
- P0009145ST** Fog Lamp, SilverStar, 9145
- PL00H3ST** Headlamp, Silverstar, H3
- P00000H7ST** Headlamp, SilverStar, H7
- P0000H13ST** Headlamp, SilverStar, H13
- P0046024ST** Headlight, Sealed Beam, Round, Silverstar, H6024
- P00H6054ST** Headlight, Sealed Beam, Rectangular, Silverstar, H6054



A.



B.

AUTHENTIC PERFORMANCE™



MERCHANDISE



PERFORMANCE

MERCHANDISE

LUBRICATION PACKAGES

A. Mobil1 And zMAX Micro-Lubricant Package

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



A.



B.

ENGINE ASSEMBLY AIDS

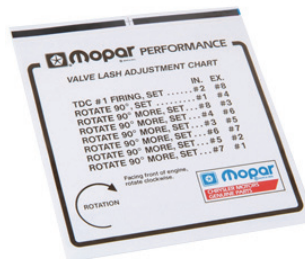
B. Degree Wheel

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



C.



D.

C. TDC Indicator Tool

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)

D. Valve Lash Adjustment Chart Decals

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)



E. P5153585AB



E. P5153584AB

DIECAST

E. Display Cases

- P5153585AB** Display Case, 1:18 Scale, (Car not included)
P5153584AB Display Case, 1:24 Scale, (Car not included)

F. Display Engines

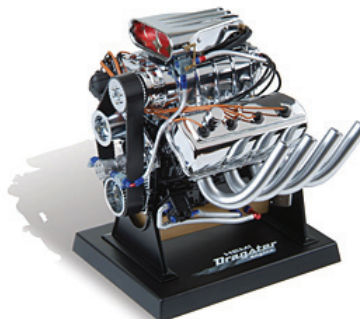
- P5153582AB** Display Engine, 426 Street Hemi, 1:6 Scale
P5153873AB Display Engine, 426 Hemi Top Fuel, Assembled, 1:6 Scale
P5153872AB Display Engine, 426 Street Hemi Shaker, Assembled, 1:6 Scale



F. P5153582AB



F. P5153872AB



F. P5153873AB



A. P5155027AB



A. P5153797AC



A. P5153922AB



B. P5153487AB



B. P5153609AB



B. P5153610AB



B. P5155362



C. P5155220



C. P5155144



C. P5153948AB



C. P5153882AB

DIECAST

A. Dodge

- 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

- P5155362** Diecast, 1970 Dodge Charger, 440-6, Panther Pink, 1:18 Scale
- P5155366** Diecast, 1971 Dodge Charger R/T, 440 Magnum, Light Blue Metallic, Black Vynal Top, 1:18 Scale
- 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
- P5153948AB** Diecast, 1971 Dodge Challenger, 472 Hemi, Sublime Green, 1:18 Scale
- P5153882AB** Diecast, 1971 Dodge Challenger SS/DA, 528 Hemi, Gil Kirk's Rod Shop, Dave Conner, Red/White & Blue, 1:18 Scale

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

DIECAST

A. Dodge Coronet

- P5155363** Diecast, 1969-1/2 Dodge Coronet Super Bee, 440-6, Bronze, 1:18 Scale
- P5155360** Diecast, 1971 Dodge Coronet Super Bee, Butterscotch, 1:18 Scale
- 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



A. P5153925AB



A. P5153928AB

B. 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, 1968 Dodge Dart GTS, Light Green Metallic, 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. P5153874AB



A. P5153777AB



A. P5155363



A. P5155360



B. P5153498AB



B. P5155146



B. P5155147



B. P5155148



A. P5155216



A. P5155139



A. P5153496AB



A. P5153927AB



A. P5155141



A. P5155142



A. P5153924



B. P5153833AB



C. P5153492AB



C. P5153486AB

DIECAST

A. Plymouth 'Cuda/Barracuda

- P5155361** Diecast, 1970 Plymouth Barracuda, Sox & Martin, 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
- 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
- P5153924AB** Diecast, 1971 Plymouth 'Cuda, 528 Hemi, Gloss Black, 1:18 Scale

B. Plymouth Belvedere

- 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

C. Plymouth Duster

- P5153492AB** Diecast, 1973 Duster, Don Carlton's "Mopar Missile," 1:18 Scale
- P5153486AB** Diecast, 1971 Pro Stock Plymouth Duster, Butch Leal, 1:18 Scale

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MERCHANDISE

DIECAST

A. 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

B. Plymouth Road Runner

- P5155365** Diecast, 1969 Road Runner, 426 Hemi, Medium Bronze, 1:18 Scale
- P5155364** Diecast, 1969-1/2 Road Runner, 440-6, Blue Fire Metallic, 1:18 Scale
- 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



A. P5155136



A. P5155138



A. P5155183



A. P5155214



A. P5155215



B. P5153951AB



B. P5153883AB



B. P5155192AB



B. P5155364



B. P5155365

DIECAST

A. 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

B. Wing Cars

- P5153506AB** Diecast, 1969 Dodge Daytona, No. 3 Don White, 1:18 Scale
- P5153504AB** Diecast, 1970 Plymouth Superbird, No. 40 Pete Hamilton, 1:18 Scale
- P5153832AB** Diecast, 1970 Plymouth Superbird, No. 43 Richard Petty, Marc Times Racing, 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. P5153317AB



A. P4510853AB



A. P5153531AB



A. P5153736AC



A. P5155153



A. P5155025AB



A. P5153729AC



B. P5153506AB



B. P5153504AB



B. P5153832AB



B. P5155029AB



B. P5155030AB

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MERCHANDISE

WEARABLES

A. Hats

P5153819 Hat, Direct Connection

B. T-Shirts, Super Stock Shoot Out

P5153804 T-Shirt, Super Stock Shoot Out, Black, S
P5153803 T-Shirt, Super Stock Shoot Out, Black, M
P5153805 T-Shirt, Super Stock Shoot Out, Black, L
P5153806 T-Shirt, Super Stock Shoot Out, Black, XL
P5153807 T-Shirt, Super Stock Shoot Out, Black, XX
P5153808 T-Shirt, Super Stock Shoot Out, Black, XXX

C. T-Shirts, Chrysler Parts

P5155020 T-Shirt, Chrysler Parts, Black, S
P5155021 T-Shirt, Chrysler Parts, Black, M
P5155022 T-Shirt, Chrysler Parts, Black, L
P5155023 T-Shirt, Chrysler Parts, Black, XL
P5155024 T-Shirt, Chrysler Parts, Black, XX

D. T-Shirts, Direct Connection

P5153973 T-Shirt, Direct Connection, Black, S
P5153974 T-Shirt, Direct Connection, Black, M
P5153975 T-Shirt, Direct Connection, Black, L
P5153976 T-Shirt, Direct Connection, Black, XL
P5153977 T-Shirt, Direct Connection, Black, XX

E. T-Shirts, Forward Look

P5153963 T-Shirt, Forward Look, Grey, S
P5153964 T-Shirt, Forward Look, Grey, M
P5153965 T-Shirt, Forward Look, Grey, L
P5153966 T-Shirt, Forward Look, Grey, LX
P5153967 T-Shirt, Forward Look, Grey, XX

F. T-Shirts, Mopar/Hemi

P5153978 T-Shirt, Mopar / Hemi, Black, S
P5153979 T-Shirt, Mopar / Hemi, Black, M
P5153980 T-Shirt, Mopar / Hemi, Black, L
P5153981 T-Shirt, Mopar / Hemi, Black, XL
P5153982 T-Shirt, Mopar / Hemi, Black, XX

G. T-Shirts, Hemi Shoot Out

P5153810 T-Shirt, Hemi Shoot Out, Black, S
P5153811 T-Shirt, Hemi Shoot Out, Black, M
P5153812 T-Shirt, Hemi Shoot Out, Black, L
P5153813 T-Shirt, Hemi Shoot Out, Black, XL
P5153814 T-Shirt, Hemi Shoot Out, Black, XX
P5153815 T-Shirt, Hemi Shoot Out, Black, XXX



A.



B. P5153803



C. P5155022



D. P5153975



E. P5153965



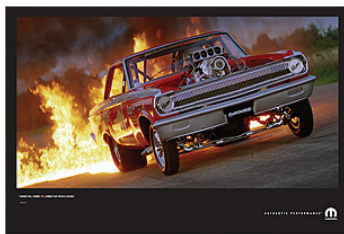
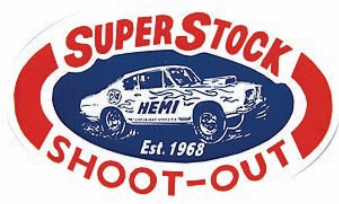
F. P5153980 (Front)



F. P5153980 (Back)



G. P5153810



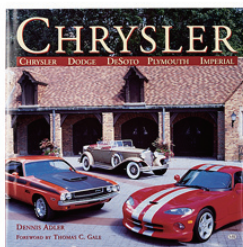
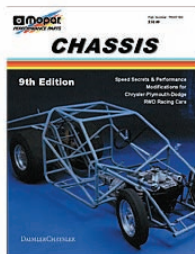
A.

B. P5153656



C. P5153658

D. P5153657



E. P5007160AB

F. P5007461AB



F. P5249651AB

WEARABLES

New! Jackets (Not Shown)

- P5153890 Jacket, Direct Connection, M
- P5153891 Jacket, Direct Connection, L
- P5153892 Jacket, Direct Connection, XL
- P5153893 Jacket, Direct Connection, XXL

A. Decals

- P5153809 Super Stock Shoot Out Decal

POSTERS

B. Mopar "Fire" Poster

- P5153656 Poster, Mopar "Fire", 36" x 24"

C. Mopar "Hell Yeah!" Poster

- P5153658 Poster, Mopar "Hell Yeah!", 36" x 24"

D. Mopar "OPA!" Poster

- P5153657 Poster, Mopar "OPA!", 36" x 24"

BOOKS

E. 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)

F. Chrysler

- 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)

MERCHANDISE

BOOKS

A. Databooks

These Databooks books are an insightful guide into the historical data surrounding Chrysler's muscle car era. Each book offers vehicle specific information on public announcements, dealer announcements, coding guides, dealer price bulletins, production records, service bulletins, summaries of production equipped vehicles, a serial number list of production equipped vehicles, and documentation from the Chrysler Historical Collection.

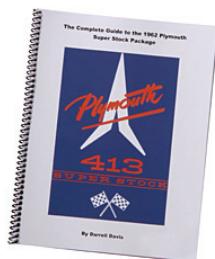
- P5155046** A Serial Number Guide to the Factory Built 1962-1965 Plymouth and Dodge Vehicles Built with the 413-426 CID Maximum Performance Engine
- P5155051** The 1962 Dodge Ram Charger Guide, Dodge 413, By Darrell Davis
- P5155055** The complete Guide to The 1962 Plymouth 413 Super Stock Package By 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



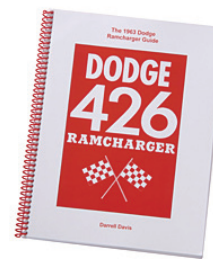
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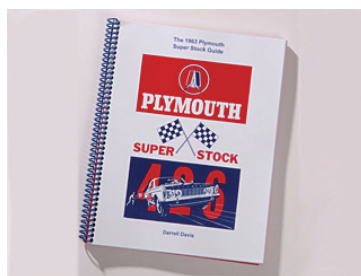
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A. P5155055



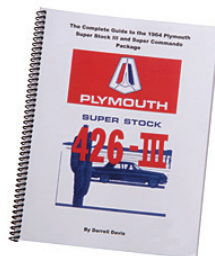
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A. P5155056



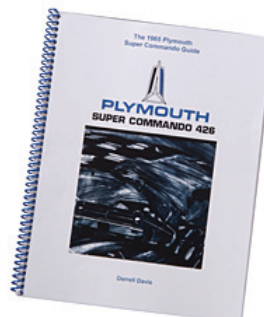
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A. P5155058



A. P5155054



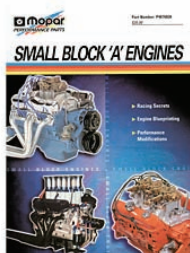
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BOOKS

A. Engines



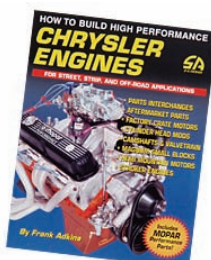
A. P4876827



A. P4876826



A. P5153775



A. P5153881

P4876824AB Hemi Engines- If you currently own or have ever dreamed of owning a Hemi-powered vehicle, you'll want to get this book from Mopar Performance. It includes an extensive chapter on Hemi development and racing history, as well as detailed information on 331-354-392 Hemis, 426 Street and Race Hemis. Hemi Crate engines, carburation, ignition systems, racing secrets, engine blueprinting, performance modifications and more! Contains hundreds of photos, illustrations, tables, and charts. The most comprehensive book ever published on the Hemi engine from the company that designed and built it. (456 pages)

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.)

MERCHANDISE

BOOKS

A. Engines

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)



A. P5007521AB

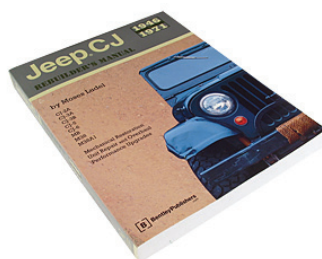
B. Jeep

P5153879 Book, High Performance Jeep Wrangler TJ Builder's Guide, 1997-2006



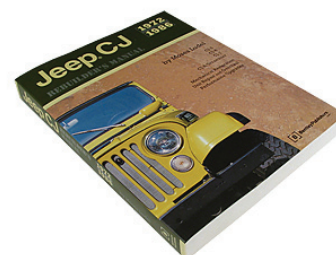
B. P5153879

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)



B. P4510077AB

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)



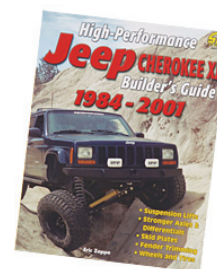
B. P4510078

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)



B. P5153769

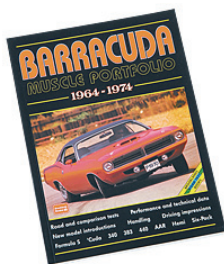
P5153878 High Performance Jeep Cherokee XJ Builder's Guide, 1984-2001- This book covers the modifications necessary to turn a stock Jeep Cherokee XJ into a trail-worthy rig for the mountains, desert, mud, street, and everywhere in between. CarTech Books (144 pgs.)



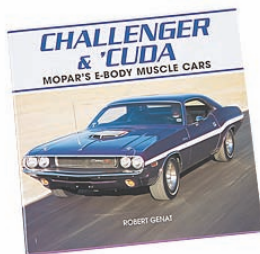
B. P5153878

BOOKS

A. Challenger and 'Cuda



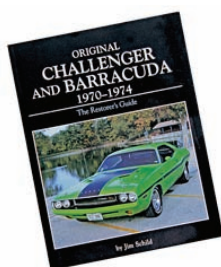
A. P5153761



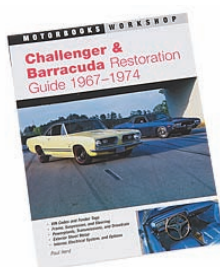
A. P5153766

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)



A. P5153764



A. P5153768

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)



A. P5153771

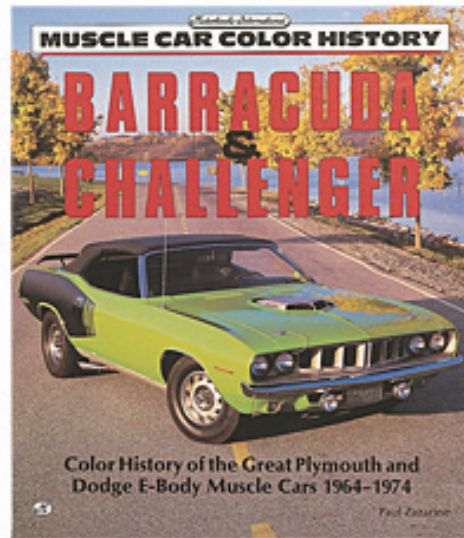
P5249647AB Barracuda & Challenger (Muscle Car Color History Series)- Color history of the great Plymouth and Dodge E-body muscle cars of 1964-74. Copyright 1991 by Motorbooks International (128 pages)

MERCHANDISE

BOOKS

A. Challenger and 'Cuda

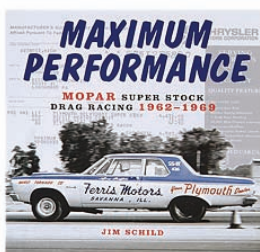
P5153763 Original Dodge & Plymouth- From high-performance, to economy, to luxurious, the popularity of the B-body Dodge and Plymouth vehicles of the 1966-1970 model years were available in a full range of engines, equipment and options. This guide provides detailed information on each, along with full-color 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)



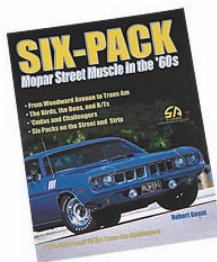
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BOOKS

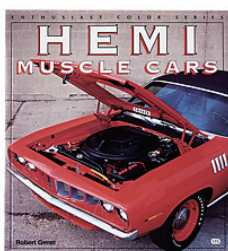
A. Muscle, Reference



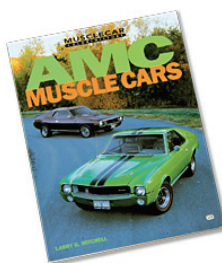
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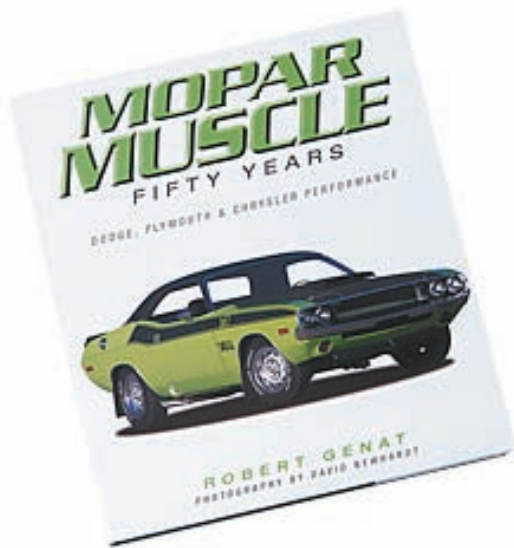
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A. P5007516AC



A. P5153773



A. P5153774

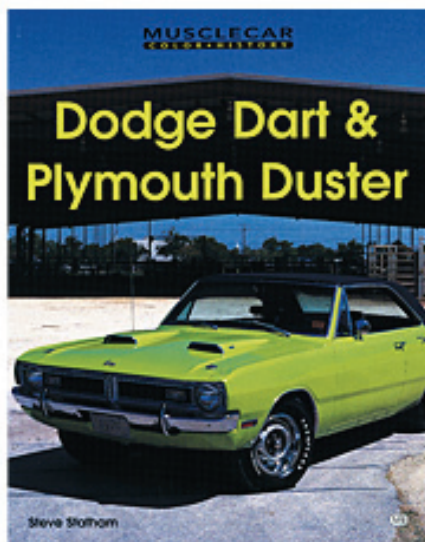
P5153762 Maximum Performance- From the publisher of The Auto Review comes a profile of Mopar cars like no other. Jim Schild recounts Chrysler's glory days and details the complete evolution of Mopar drag racing, through historical photos, technical specs, and background information gleaned from his 40 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)

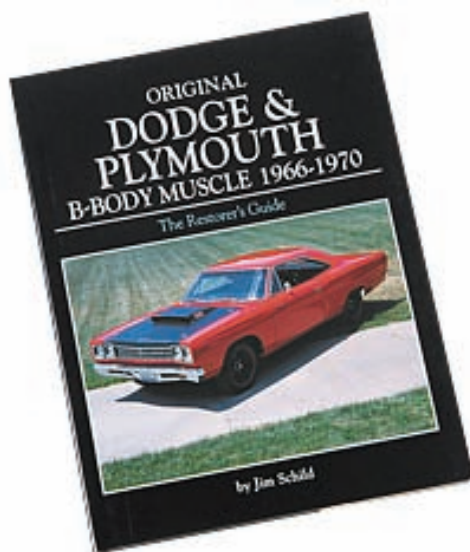
P5007516AC Hemi® Muscle Cars - A colorful history of Dodge and Plymouth Hemi production cars. Printed in full color. Copyright 1999 by Motorbooks International (96 pages)

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)

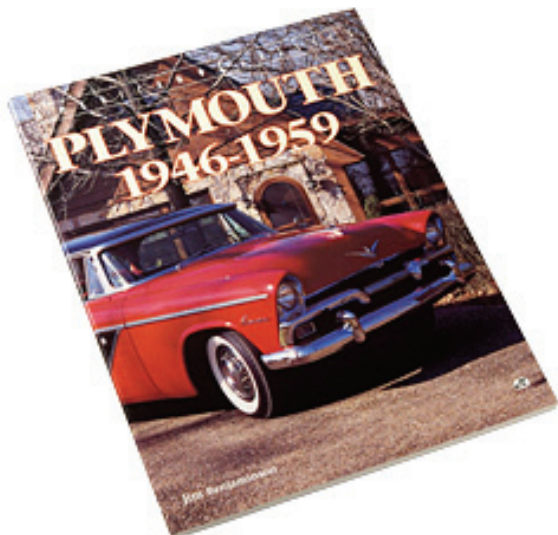
P5153774 Mopar Muscle 50 Years- In 1955, when Chrysler introduced the Hemi engine to the rest of its 300 "letter series" performance cars, the public witnessed a phenomenon known as the birth of the American muscle car. The '60s saw production of the Charger, Hemi Cuda, Road Runner, Superbird and Challenger 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)



A. P5007691AC



A. P5153763



A. P5249652AB

BOOKS

A. Dodge & Plymouth

- P5249652AB** Plymouth 1946-1959 - Everything muscle car fans need to know about these vehicles. (160 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)

- 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)

Four Cylinder Engines (Not Shown)

- P5249585AB** 2.2/2.5L FWD, 4th Edition- Contains speed secrets and performance modifications from Mopar Performance for anyone interested in modifying their Chrysler-Plymouth-Dodge 2.2L or 2.5L FWD vehicle. Both turbo and non-turbo charged versions are covered in great detail. This comprehensive book also includes performance strategies and technical information on automatic transmissions and torque converters, manual transmissions and clutches, axle shafts, front and rear suspension components, steering and handling, brakes, bodies, chassis and roll cages, shock/struts, springs, wheels and tires. Indispensable for serious 2.2L and 2.5L FWD racers and performance enthusiasts. Covers all types of racing (500 pages)
- P4876667AB** Neon Performance Modifications- This book from Mopar Performance is a must for every Neon owner and racer. Contains technical help and engineering information covering every aspect of vehicle preparation, including 2.0L engines (SOHC and DOHC), transmissions (manual and automatic), body, chassis and suspension build up. Covers all types of Neon racing (350 pages)

MERCHANDISE

BOOKS

A. Dodge

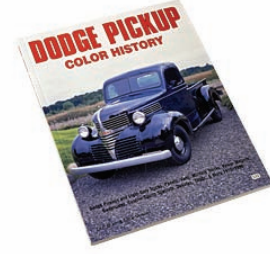
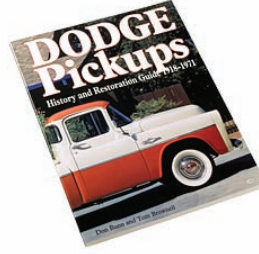
P5249655AB DODGE Pickups- History and Restoration Guide 1918-1971. One of the most complete and detailed books covering the history of Dodge trucks. This publication is filled with photos from past- including Pickups, Panels, Stakes, Canopies, Screens, Suburbans, Power-Wagons, Route-Vans, Sweptsides, 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)

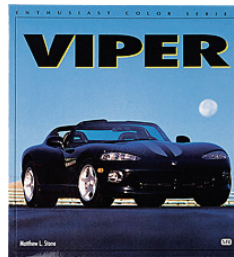
P5007519AB Viper- The legendary Dodge Viper comes alive in this full-color book about America's sports car. A photo gallery of this fantastic car includes the RT/10 coupe and GTS-R models, plus model history and evolution. Also included are aftermarket tuner specials, specifications, technical notes and insight into Viper prototypes. Copyright Motorsports International (96 pages).

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.



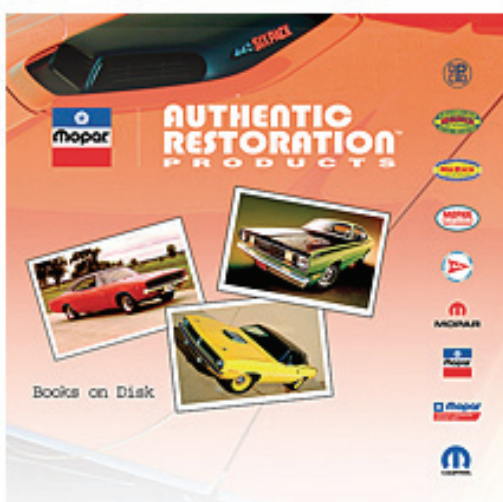
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A. P5007519AB

A. P5007220AC



A/B/C.

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.

A. Master Parts Book

- 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

B. 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

C. 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

MERCHANDISE

SERVICE MANUALS ON DISK

A. 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

B. 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

FENDER COVERS

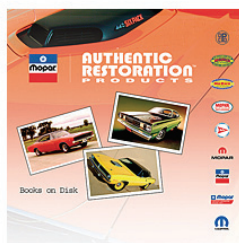
C. Fender Covers

- 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

D. Wheel Covers

- 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/B.



C. P5153621



C. P5153622



C. P5153623



C. P5153624



D. P5153626



D. P5153625



D. P5153627

VEHICLE IDENTIFICATION

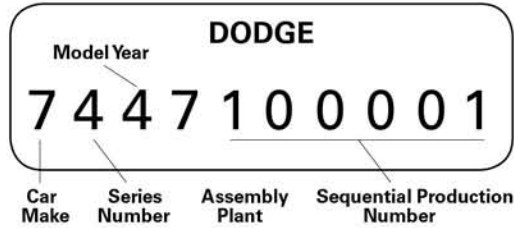


VEHICLE IDENTIFICATION

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

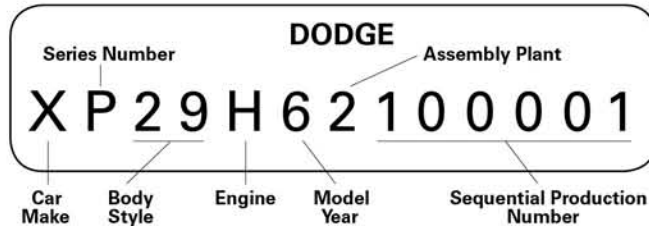
- 1 = Lynch Road, Detroit, MI
- 2 = Dodge Main, Hamtramck, MI
- 3 = Jefferson Avenue, Detroit, MI
- 4 = Belvedere, IL
- 5 = Los Angeles, CA
- 6 = Newark, DE
- 7 = St. Louis, MO
- 9 = Windsor, Ontario

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 = Belvedere, 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

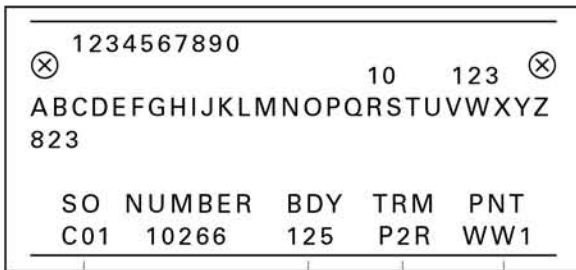
CHRYSLER FENDER TAGS

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.

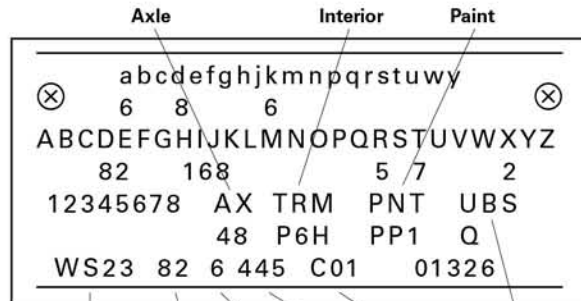
1962–65 Models



Build Date Car Line and Model Interior Paint

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

1966 Models



Build Date Car Line and Model Interior Paint

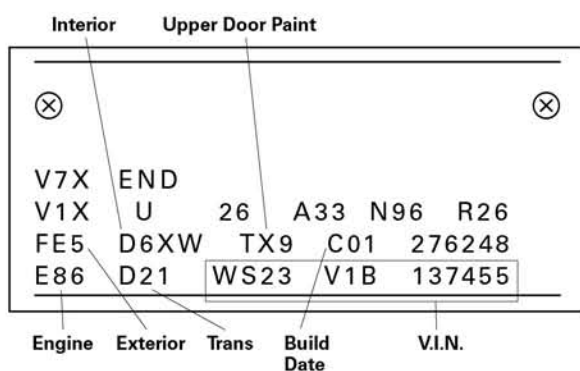


With its prominent location on the driver's fender, the fender tag is usually easy to locate. 1965 and earlier cars may have it on one of the following locations: left inner fender, right inner fender, right cowl panel, left radiator core support.

CHRYSLER FENDER TAGS

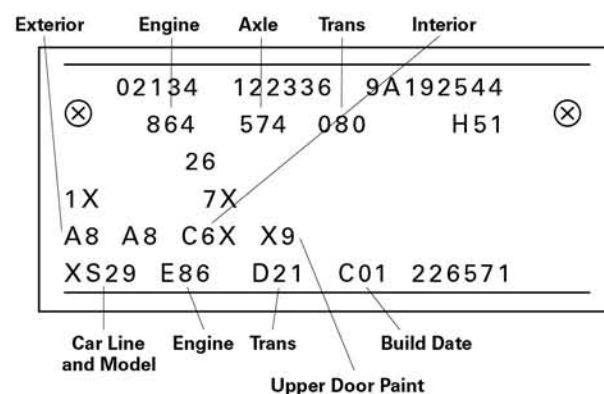
1969–74 Models (Except 69–70 Lynch Rd.)

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	

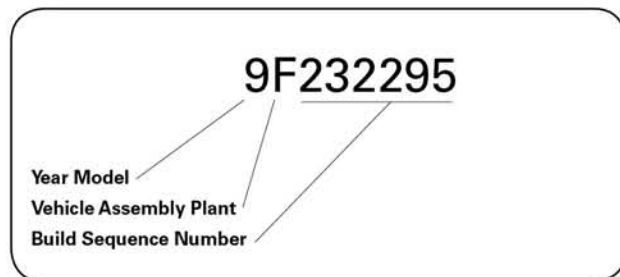
426 Hemi Blocks

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

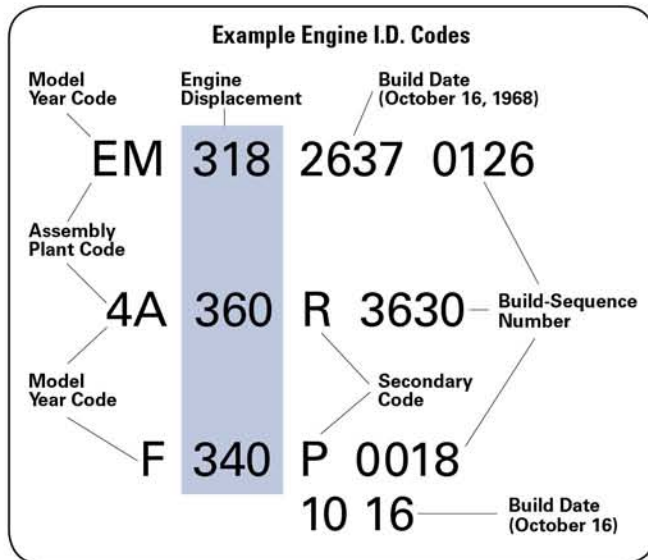
NOTE : There may be other characters after these, but they have not been decoded and do not appear to be meaningful to restorers at this time.

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
3462346	383, 400, 440	71-72	
3462346	400, 440	73	
3462598	340	70	AAR, TA
3512015X	426 HEMI	D4	Cast Iron
3698995	198, 225	72	
3614850	198, 225	72-73	
2843675	318	72-74	
3671587	360	73-74	
3671587	340	73	
3614433	426 HEMI		Aluminum
3614476	B/RB		Stage IV
3751213	400, 440	73	Motor Home
3769902	400, 440	74	

VEHICLE IDENTIFICATION



VEHICLE IDENTIFICATION

Intake Manifold

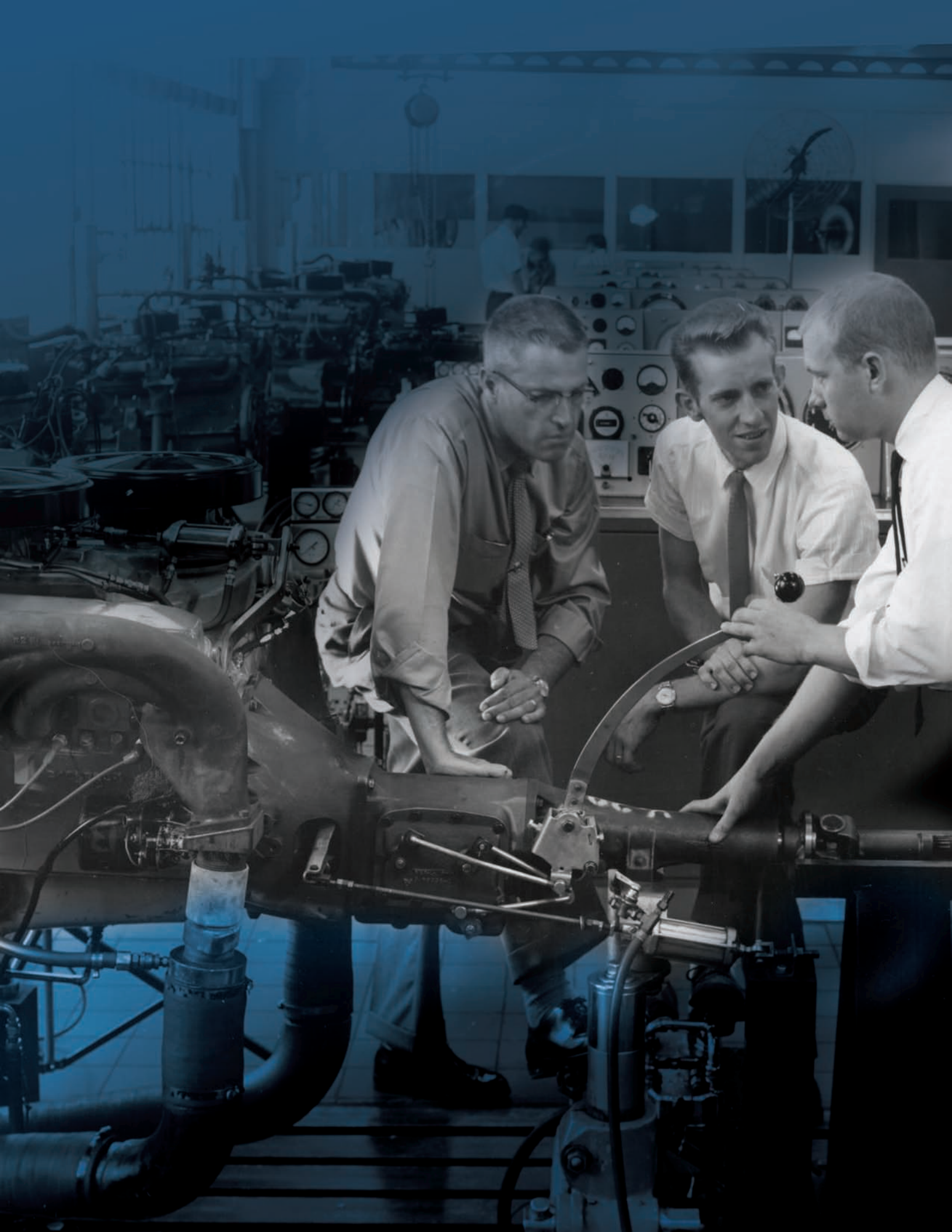
Finding the intake manifold casting number is fairly simple. Usually, the casting number is on top of the manifold, close to the carburetor mounting pad. Occasionally it's on the bottom of the manifold, which can pose an identification problem if it's still installed on the engine.



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	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



PART NUMBER INDEX

02495531	118, 165	77060004AB	213	77060065	297	77DUB07010	197
02534814	163	77060005AB	263	77060066	297	77DUB08000	197
02823848	176	77060006AB	193	77060067	297	77DUB09000	195
02823849	176	77060007AB	263	77060068	297	77DUB09010	195
02983067	162	77060008AB	263	77060069	297	77DUB10100	195
02983649	163	77060009AB	263	77060070	297	77DUB10200	195
02983778	163	77060010AB	263	77060071	297	77DUB10300	195
03404404	163	77060011AB	263	77060072	297	77DUB10400	195
03416002	166	77060012AB	213, 263	77060073	297	77KICK01	288
03418658AB	154	77060013AB	263	77060080	213	77KICK02	288
03431074	162	77060019AB	213	77060081	263	77KICK03	288
03431154	162	77060020AB	263	77070001	280	77KICK04	288
03431590	162	77060022AB	213	77070002	213	77KICK05	287
03454390	158	77060030	292	77070004	263	77KICK06	287
03454391	158	77060031	292	77070005	213	77KICK08	287
03467764	136, 160	77060032	292	77070006	263	77KICK10	287
03587436	170	77060033	292	77070008	213	77KICK11	287
03587440	170	77060034	293	77070010	194, 213, 264	77KICK12AB	288
03672933	159	77060035	293	77070011	194, 213	77KICK13AB	288
03739844	158	77060038	296	77070012	194, 213, 264	77KICK14AB	288
03747092	115, 165	77060039	296	77070013	264	77KICK15	287
03764166	163	77060042	293	77070014	264	77KICK16	287
04293102	165	77060043	293	77070015	194, 213, 264	77KICK17AB	288
04338855	133	77060044	293	77070016	194, 213	77KICK18AB	286
04606487AB	122	77060045	293	77070017	264	77KICK19AB	288
04852396AB	201	77060046	294	77070018	264	77KICK20	288
04861552AC	122	77060047	294	77070019	213	77KICK21AB	288
04884447AA	201	77060048	295	77070023	263	77KICK22AC	288
04897646AA	166, 298	77060049	295	77DUB01002	217	77KICK23AB	288
05017479AA	122	77060050	296	77DUB01003	217	77KICK24AB	288
05029257AA	216	77060051	296	77DUB01008	217	77KICK25	287
05045002AA	202	77060052	296	77DUB01010	195	77KICK26	288
05045290AA	244	77060053	296	77DUB01020	195	77KICK27	288
05045292AA	244	77060054	294	77DUB01021	195	77KICK28	287
05045403AA	244	77060055	294	77DUB01022	195	77KICK29	287
05045404AA	244	77060056	295	77DUB01023	280	77KICK30AC	286
05134116AC	217	77060057	295	77DUB01030	195	77KICK31	288
05278944AD	217	77060058	295	77DUB01040	195	77KICK32	287
52087542	133	77060059	295	77DUB02000	195	77KICK33	286
52107555	133	77060060	292	77DUB03000	195	77KICK34	286
52107625	133	77060061	292	77DUB04000	195	77KICK35	286
53008342	133	77060062	297	77DUB07000	197	77KICK37	286
56041018AD	122	77060063	297			77KICK39	286
77060003AB	193	77060064	297			77KICK40	288

PART NUMBER INDEX

77R06002	160	77R06083	157	77R06139	158	77R06259	161
77R06021	30, 165	77R06084	157	77R06141	159	77R06260	162
77R06032	170	77R06085	171	77R06143	176	77R06261	162
77R06034	158	77R06086	170	77R06144	176	77R06262	162
77R06035	158	77R06087	170	77R06149	159	77R06263	162
77R06036	166	77R06088	170	77R06150	157	77R06264	154
77R06037	166	77R06089	170	77R06151	157	77R06265	154
77R06038	166	77R06090	170	77R06152	157	77R06266	162
77R06039	157	77R06091	171	77R06153	157	77R06267	162
77R06040	157	77R06092	170	77R06154	157	77R06268	162
77R06041	157	77R06093	170	77R06155	157	77R06269	154
77R06042	157	77R06094	154	77R06156	157	77R06270	154
77R06043	157	77R06095	170	77R06157	157	77R06271	162
77R06045	157	77R06096	171	77R06158	157	77R06273	161
77R06046	157	77R06097	170	77R06159	156	77R06274	161
77R06049	159	77R06098	170	77R06160	156	77R06275	161
77R06050	159	77R06099	171	77R06161	125	77R06276	161
77R06051	160	77R06100	170	77R06162	156	77R06277	161
77R06052	154	77R06101	158	77R06163	157	77R06278	161
77R06053	159	77R06102	172	77R06164	157	77R06279	161
77R06054	159	77R06104	168	77R06165	157	77R06280	161
77R06055	159	77R06105	168	77R06166	157	77R06281	161
77R06056	157	77R06107	168	77R06167	156	77R06282	161
77R06057	158	77R06108	168	77R06168	156	77R06283	155, 164
77R06059	158	77R06110	168	77R06169	159	77R06284	158
77R06060	158	77R06111	168	77R06170	175	77R06285	166
77R06061	158	77R06112	168	77R06171	175	77R06286	166
77R06062	154	77R06113	168	77R06172	175	77R06287	164
77R06064	168	77R06114	168	77R06173	175	77R06288	173
77R06065	168	77R06115	168	77R06174	175	77R06289	160
77R06066	161	77R06116	168	77R06175	175	77R06290	160
77R06067	159	77R06117	168	77R06176	174	77R06291	160
77R06068	158	77R06122	161	77R06177	167	77R06292	156
77R06069	158	77R06123	154	77R06178	167	77R06293	156
77R06070	158	77R06124	160	77R06179	175	77R06294	156
77R06071	158	77R06126	160	77R06180	175	77R06295	104
77R06072	158	77R06127	160	77R06181	174	77R06296	155
77R06073	160	77R06128	160	77R06182	174	77R06297	155
77R06074	160	77R06129	160	77R06183	174	77R06298	155
77R06075	160	77R06130	159	77R06184	174	77R06299	155
77R06076	170	77R06131	160	77R06185	174	77R06300	155
77R06078	170	77R06134	160	77R06256	161	77R06301	155
77R06081	169	77R06135	158	77R06257	161	77R06302	155
77R06082	157	77R06136	158	77R06258	161	77R06303	155

PART NUMBER INDEX

77R06304	155	P2809011	162	P3412049	27, 62	P3672656	171
77R06305	155	P2841886	172	P3412064	28, 64	P3680160	172
77R06306	155	P2842756	171	P3412068	89	P3680304	171
77R06307	155	P2842757	171	P3412083	14	P3690152	115
77R06308	155	P2842758	171	P3412423	174	P3690175	44
77R06309	155	P2842873	171	P3412427	174	P3690181	149
77R06310	155	P2843177	17, 49, 80	P3431154	162	P3690182	149
77R06311	155	P2863201	156	P3431590	162	P3690275	112
77R06312	155	P2863230	156	P3443159	173	P3690426	113
77R06313	107	P2863244	156	P3443247	173	P3690427	113
P00000H7ST	300	P2863245	155	P3443516	172	P3690428	113
P0000880ST	300	P2863256	155	P3443627	172	P3690430	112
P0000893ST	300	P2863257	156	P3444927	172	P3690431	112
P0000H13ST	300	P2863349	107	P3444938	173	P3690432	112
P0009003ST	300	P2879600	166	P3445223	173	P3690454	146
P0009003SU	300	P2889803	162	P3446861	171	P3690455	146
P0009004SU	300	P2898886	172	P3461043	175	P3690456	146
P0009005ST	300	P2901812	172	P3461066	176	P3690457	146
P0009005SU	300	P2925322	115, 162	P3461222	175	P3690460	146
P0009006SU	300	P2932675	112	P3461458	176	P3690461	146
P0009007SU	300	P2932820	115, 125, 166	P3462113	156	P3690560	118
P0009145ST	300	P2946105	84, 163	P3462114	156	P3690715	97
P0046024ST	300	P2946353	22, 89	P3462116	156	P3690730AB	128
P00H6054ST	300	P2946393	105	P3462119	155	P3690731	119
P09005XSST	300	P2947953	158	P3462165	155	P3690732	119
P1737725	113, 275	P2949303	172	P3462184	156	P3690753	140
P1828352	163	P2964116	171	P3462193	156	P3690754	140
P2206445	122	P2964635	172	P3462491	173	P3690755	140
P2444641	116	P2998042	172	P3462492	173	P3690773	138
P2497502	162	P2998065	172	P3467766	136, 160	P3690774	138
P2579655	173	P2998326	30, 66, 165	P3504289	172	P3690850	44
P2579656	173	P2998547	173	P3504807	172	P3690855	127
P2579657	173	P2998749	172	P3505419	171	P3690866	77
P2579658	173	P2998796	173	P3505490	172	P3690874	97
P2658931	155	P2998798	173	P3505491	172	P3690875	28, 64
P2782966	172	P2998800	173	P3571071	28, 64	P3690876	28, 64
P2785434	30, 66, 165	P2998801	173	P3573632	172	P3690896	24, 57, 90
P2785518	172	P2998802	173	P3574059	172	P3690933	22, 56, 89
P2785579	172	P2998804	173	P3577086	91	P3690936	18, 47
P2785791	172	P2998804	173	P3580466	176	P3690939	96
P2786711	172	P2998896	174	P3612874	171	P3690944	96
P2801243	126	P3151736	116, 163	P3613278	172	P3690963AB	87
P2806077	22, 56, 89	P3412002	146	P3614321	80	P3691468	173
P2806186	156	P3412003	146	P3614542	89	P3691667	172

PART NUMBER INDEX

P3749059	171	P4120272	53, 86	P4120665AB	148	P4286870	149
P3760214	158	P4120280	126	P4120692	74	P4286900	29, 65
P3760215	158	P4120294	117	P4120714AB	138	P4348719	125
P3830183	15, 45	P4120353	19	P4120751AB	164	P4349052	217
P4006767	17, 47	P4120383	136	P4120752AB	164	P4349116	151
P4007038	106	P4120437	52	P4120753AB	164	P4349121	204
P4007039AB	106	P4120446	86	P4120758	30, 66, 99	P4349125	205
P4007040	106	P4120456	84, 203, 255	P4120785	22, 56, 88	P4349126	205
P4007178	88	P4120459	84, 255	P4120808	117	P4349147	203
P4007291	125	P4120461	127	P4120863	146	P4349216AB	164
P4007536	22, 56, 89	P4120462	127	P4120864	146	P4349217AB	164
P4007570	94	P4120464	124	P4120865	146	P4349218AB	164
P4007571	94	P4120465	124	P4120866	146	P4349228	102
P4007572	96	P4120468	139	P4120868	203, 204	P4349235	104
P4007573	96	P4120469	139	P4120886	113	P4349236	104
P4007612	150	P4120470	147	P4120889	118	P4349237	104
P4007667	117, 275	P4120471	84	P4120964	217	P4349238	104
P4007886AB	128	P4120472	51	P4120974	57	P4349239	104
P4007899	124	P4120484	106, 226, 243	P4120998	27, 63	P4349241	104
P4007968	115	P4120492	54, 87	P4271961	14, 44	P4349268	47
P4022410	171	P4120505	114	P4286569	94	P4349278	112
P4022411	171	P4120534	114	P4286571	28, 63	P4349279	112
P4120074	148	P4120589	91	P4286574	205	P4349304	102
P4120075	149	P4120600	114	P4286589	96, 243	P4349321	104
P4120076	149	P4120603	97	P4286590	28, 63	P4349469AB	124
P4120077	148	P4120610	176	P4286612	55, 87	P4349500AB	115, 275
P4120078	148	P4120611	149	P4286677	47	P4349540	147
P4120079	148	P4120612	149	P4286728	118	P4349557	84, 242
P4120080	148	P4120613	27, 62, 96	P4286740	269	P4349559	50
P4120081	148	P4120618	55, 87	P4286741	214	P4349620	53
P4120086	26	P4120619	87	P4286754	51	P4349628	97
P4120093	84	P4120620	87	P4286759	30, 65, 98	P4349629	64
P4120094	84, 242	P4120625	176	P4286765	204	P4349632AB	85
P4120101	53	P4120626	54, 88, 258	P4286766	204	P4349633AB	53
P4120105	148	P4120634	21	P4286775	22, 56, 88	P4349640	203
P4120161AB	128	P4120635	21, 88, 258	P4286776	205	P4349650	203
P4120210	94	P4120653	78	P4286800	28, 65, 97, 269	P4349736	203
P4120211	94	P4120655	78	P4286812	22, 56, 89	P4349737	302
P4120231	78	P4120657	78	P4286813	89	P4349816	16, 46
P4120233	78	P4120659	47	P4286825	61	P4452005	203
P4120235	47	P4120661	47	P4286826	61	P4452006	203
P4120237	47	P4120663	47	P4286868	149	P4452025	98
P4120241	130			P4286869	149	P4452030	204
P4120249	89					P4452031	204

PART NUMBER INDEX

P4452032	205, 258	P4452993	47	P4510358	40, 102	P4510588	216
P4452033	56, 88	P4510054	125	P4510363	40, 109, 222	P4510592	200
P4452089	85	P4510063	201	P4510364	266	P4510595	202
P4452091	53	P4510077AB	312	P4510365	202	P4510596	202
P4452093	96	P4510078AB	312	P4510366	202	P4510597	201
P4452097	96	P4510144	186	P4510447	210	P4510598	297
P4452099	27, 62	P4510168	185	P4510454	206	P4510601	202
P4452101	94	P4510169	185	P4510455	206	P4510606	201
P4452103	61	P4510171	180	P4510457	206	P4510607	268
P4452105	61	P4510172AB	180	P4510458	207	P4510608	187
P4452112	44	P4510176	180	P4510459	207	P4510609	215
P4452113	44	P4510177	183	P4510460	207	P4510610	136
P4452162	217	P4510179	185	P4510461	215	P4510611	136
P4452757	78	P4510204	186	P4510463	215	P4510612	136
P4452759	78	P4510224	183	P4510464	268	P4510614	136
P4452761	78	P4510225	183	P4510465	268	P4510626	202
P4452767	203	P4510233	183	P4510466	264	P4510628	211
P4452769	22, 56	P4510261	206	P4510467	264	P4510632	202
P4452778	26, 102	P4510262	207	P4510468	264	P4510633	25
P4452779	26, 102	P4510263	216	P4510469	264	P4510634	144
P4452782	78	P4510268	146	P4510472	193, 264	P4510635	27, 102
P4452783	47	P4510269	146	P4510473	264	P4510636	91
P4452785	127	P4510272	279	P4510474	264	P4510637	150
P4452787	140	P4510273	279	P4510475	264	P4510638	138
P4452795	16, 46	P4510274	279	P4510476	214	P4510640	144
P4452801	58	P4510275	280	P4510478	214	P4510642	139
P4452803	202	P4510277	280	P4510481	214	P4510643	147
P4452804	202	P4510280	265	P4510485	216	P4510644	147
P4452815	16, 46	P4510281	13	P4510486	216	P4510645	125
P4452816	76	P4510282	13	P4510529	202	P4510646	103
P4452827	23	P4510283	13	P4510538	206	P4510648	268
P4452889	214	P4510284	13	P4510543	207	P4510649	215
P4452890	28, 64, 97	P4510285	13	P4510548	201	P4510655	138
P4452919	80	P4510286	13	P4510554	201	P4510656	138
P4452920	17, 49	P4510287	13	P4510559	297	P4510657	138
P4452982	146	P4510288	13	P4510560	297	P4510761AB	319
P4452983	146	P4510289	13	P4510567	297	P4510762AB	319
P4452984	146	P4510316	230	P4510577	20	P4510763AB	319
P4452985	146	P4510317AB	230	P4510579	176	P4510764AB	319
P4452986	147	P4510318	103	P4510581	36	P4510765AB	319
P4452987	147	P4510319	103	P4510582	36	P4510766AB	319
P4452989	302	P4510342	39, 121	P4510586	211	P4510767AB	319
P4452990	302	P4510356	39, 121	P4510587	211	P4510768AB	319
P4452992	78	P4510357	39, 121			P4510769AB	319

PART NUMBER INDEX

P4510770AB	319	P4510822	208	P4529016	126	P4529138	134
P4510771AB	319	P4510823	208	P4529017	126	P4529139	134
P4510772AB	320	P4510824	208	P4529020	126	P4529140	134
P4510773AB	319	P4510825	206	P4529023AB	126	P4529141	134
P4510774AB	320	P4510826	209	P4529025	107	P4529142	132
P4510775AB	319	P4510827	208	P4529032	116	P4529143	132
P4510776AB	320	P4510828	208	P4529038	21	P4529148	164
P4510777AB	319	P4510829	266	P4529054	93	P4529149	164
P4510778AB	320	P4510836	208	P4529055	59	P4529183	150
P4510779AB	320	P4510837	208	P4529056	59	P4529184	150
P4510780AB	320	P4510839	206	P4529057AB	105	P4529185	104
P4510781AB	320	P4510841	196	P4529058	105	P4529187	29, 64, 98, 164
P4510782AB	320	P4510842	196	P4529059	105	P4529190	29, 64, 97
P4510783AB	320	P4510845	36, 257	P4529060	104	P4529214	259
P4510784AB	320	P4510853AB	307	P4529061	105	P4529215	259
P4510785AB	320	P4510854	196	P4529064	135	P4529216	258
P4510787AB	320	P4510855	194	P4529070AB	15, 45, 76, 252	P4529217	258
P4510788AB	319	P4510856	268	P4529071	107	P4529218	260
P4510789AB	320	P4510857	266	P4529072	107	P4529220AB	82, 253, 255
P4510790AB	319	P4510858	266	P4529073	107	P4529221	256
P4510791AB	320	P4510861	202	P4529074	107	P4529227	269
P4510792AB	319	P4510862	202	P4529075	107	P4529228AB	252
P4510793AB	320	P4510863	202	P4529076	107	P4529240	259
P4510794AB	319	P4510864	202	P4529077	107	P4529241	269
P4510795AB	320	P4510865	202	P4529078	107	P4529242	255
P4510796AB	319	P4510867	202	P4529079	107	P4529243	261
P4510797AB	319	P4510868	201	P4529080	107	P4529245	250
P4510798AB	319	P4510869	202	P4529081	107	P4529256	77, 98
P4510799AB	319	P4510870	208	P4529082	107	P4529264	105
P4510800AB	319	P4510872	266	P4529083	107	P4529270	47
P4510801AB	319	P4510873	265	P4529084	107	P4529288	22, 56
P4510802AB	319	P4510874	207	P4529085	107	P4529314	203
P4510803AB	319	P4510875	207	P4529086	107	P4529315	17
P4510805AB	319	P4510876	207	P4529087	125	P4529316	17
P4510806AB	319	P4510910	200	P4529088	125	P4529320	203
P4510807AB	319	P4510918	274	P4529101	57	P4529330	26
P4510808AB	319	P4510921AB	265	P4529110	132	P4529335	50
P4510810	233	P4510922	202	P4529111	105	P4529338	19
P4510816	39, 121	P4510923	202	P4529112	104	P4529339	20
P4510817	208	P4510940	187	P4529113	133	P4529368	106
P4510818	208	P4510948	136	P4529117	59	P4529403AB	128
P4510819	208	P4510951	186	P4529136	134	P4529405	154
P4510820	208	P4529002	107	P4529137	134		
P4510821	208	P4529008	126				

PART NUMBER INDEX

P4529406	134	P4529591	130	P4529881	54, 86, 258	P4876280	16, 46, 77
P4529408	92	P4529592	130	P4529882	54, 86, 258	P4876293	46
P4529414	147	P4529616	258	P4529884	27	P4876307	30, 66, 99
P4529415	147	P4529636AB	251	P4529885	256	P4876308	99
P4529431	26	P4529675	253	P4529895	20	P4876313	103, 270
P4529447	133	P4529677	252	P4529896	20	P4876314	103
P4529448	134	P4529694	135	P4529897	20	P4876334	92
P4529450	134	P4529695	135	P4529898	18	P4876335	93
P4529451	133	P4529696	135	P4529958	241	P4876337	59
P4529452	133	P4529697	135	P4529965AB	105	P4876348	252
P4529453	133	P4529700	140	P4529978	19	P4876372	80
P4529455	50	P4529702	140	P4532033	106	P4876373	94
P4529456	19	P4529705AB	23	P4532199	26	P4876374	94
P4529462	59	P4529706AB	23	P4532586AB	202	P4876381AB	224, 239
P4529463	59	P4529707AB	23	P4532598	92, 232	P4876388	257
P4529474	90	P4529708AB	23	P4876026	16	P4876391	49
P4529475	90	P4529724	59	P4876047	132	P4876392	49
P4529476	57	P4529725	59	P4876048	255	P4876396	54
P4529477	57	P4529732	14, 44	P4876049	94	P4876397	87
P4529483AB	138	P4529740	91	P4876050	82, 255, 256	P4876398	54
P4529484	139	P4529741	90	P4876052	250	P4876399	205
P4529485	139	P4529742	90	P4876054	253	P4876401	227
P4529486	140	P4529743	57	P4876055	253	P4876414	107
P4529489	133	P4529744	58	P4876056AA	278	P4876415	107
P4529495	202	P4529748	105	P4876061	205	P4876416	107
P4529514	151	P4529751AB	124	P4876062	259	P4876417	107
P4529515	151	P4529752AB	124	P4876063	259	P4876432	275
P4529534	26	P4529790	96	P4876064	22, 56, 89	P4876433	275
P4529536	141	P4529791	113	P4876070	50	P4876434	275
P4529545	49	P4529792	117	P4876071	19	P4876435	181
P4529546	49	P4529794	119, 166	P4876074	243	P4876436	275
P4529547	17	P4529795	116, 165	P4876083	84	P4876437	275
P4529548	17	P4529797	117	P4876097	150	P4876445	139
P4529549	17	P4529805	29, 64, 98, 164	P4876103AB	243	P4876446	94
P4529550	17	P4529806	29, 64, 98, 164	P4876118	140	P4876447	94
P4529557	49	P4529824	205	P4876124	85, 243	P4876448	107
P4529559	49	P4529825	205	P4876128	59	P4876510	211
P4529560	49	P4529838	80	P4876129	59	P4876511	211
P4529561	17	P4529871	212	P4876162	92, 232	P4876514	256
P4529563	96	P4529873	212	P4876188	24	P4876518	148
P4529564	63	P4529876	176	P4876248	250	P4876519	148
P4529565	63	P4529880	54, 86, 258	P4876249	250	P4876546	211
P4529566	28			P4876255AB	275	P4876548	98, 243
P4529567	28					P4876558AB	148

PART NUMBER INDEX

P4876559	77	P4876829AB	92	P5007153	94, 232	P5007330	60
P4876560	77	P4876834	181	P5007154	94, 232	P5007334	25
P4876580	87	P4876843	188	P5007155	94, 232	P5007345	27, 63
P4876631	77, 238	P4876844	188	P5007156	94, 232	P5007361	80, 233
P4876632	77, 238	P4876847	63	P5007157	243	P5007362	187
P4876633	78, 226, 241	P4876848	63	P5007159	181	P5007373AB	244
P4876636	205	P4876850	103, 270	P5007160AB	309	P5007378	124
P4876658	149	P4876855	18	P5007171	127	P5007380	92, 260
P4876666	232	P4876870AB	130	P5007172	127	P5007381	93, 261
P4876667AB	317	P4876877AB	130	P5007178	242	P5007382	216
P4876671AD	224, 239	P4876883AB	242	P5007187AB	251	P5007385	204
P4876673AD	224, 239	P4876884	227	P5007217	58	P5007389	208
P4876676	86, 227, 243	P4876900	183	P5007218	227	P5007398AB	260
P4876700	77	P4876919	134	P5007220AC	318	P5007403	184
P4876706	276	P4876920	134	P5007239	139	P5007404	255
P4876707	80	P4876926	117, 275	P5007250	14, 45	P5007405	116
P4876709	21	P4876927	117	P5007251	14, 45	P5007407	116
P4876710	21	P4876947AB	128	P5007252	75, 226	P5007408	116
P4876728	114	P4876963	256	P5007253	75, 241	P5007409	138
P4876729	114	P5007022	184	P5007253AB	241	P5007410	138
P4876731	114	P5007027	204	P5007254	75, 226	P5007418	138
P4876732	118	P5007028	204	P5007255	75, 241	P5007419	53, 86
P4876733	118	P5007030	203	P5007256	75	P5007427	244
P4876734	118	P5007033	212	P5007257	75	P5007428	244
P4876735	112	P5007034	212	P5007258	75, 251	P5007435	216
P4876738	119	P5007035	212	P5007259	75, 251	P5007437	78, 226, 241
P4876757	84, 232	P5007036	212	P5007266	183	P5007440	203
P4876759	84, 255	P5007037	212	P5007269	209	P5007442	208
P4876769	16, 46	P5007038	212	P5007270AC	225	P5007443	208
P4876770	62	P5007043	184	P5007274	187	P5007444AB	24, 57, 90, 203
P4876771	94	P5007046	262	P5007276	204	P5007445AB	81, 242
P4876772	261	P5007049	181	P5007278	214	P5007446	85
P4876775	117	P5007051	135	P5007290AB	128	P5007449	29, 65
P4876791AD	224, 239	P5007052	53, 86, 258	P5007291AB	128, 276	P5007450AB	245
P4876804	138	P5007053	53, 86	P5007292AB	128, 276	P5007452	227
P4876805AB	130	P5007065AB	82, 242	P5007293AB	128, 276	P5007458	53, 54, 86
P4876812	208	P5007067	262	P5007294AB	128, 276	P5007461AB	309
P4876820	124	P5007134	233	P5007297AB	128	P5007466	226, 230
P4876821	276	P5007142	182	P5007298AB	128, 276	P5007467	226, 230
P4876824AB	311	P5007146	262	P5007299AB	128, 276	P5007468	233
P4876826AB	311	P5007147	262	P5007300	227	P5007469	234
P4876827AB	311	P5007148AB	262	P5007301	76	P5007470	90, 233
		P5007150	262	P5007308	209		
		P5007151AC	225	P5007314	217		

PART NUMBER INDEX

P5007477	82, 255	P5007690AC	318	P5007861	82, 231	P5153335	274
P5007481	117, 275	P5007691AC	317	P5007862	200	P5153338	60
P5007494	50	P5007697	47	P5007865	261	P5153339AB	37, 108
P5007499	20	P5007698	47	P5007869	103	P5153340AB	37, 108
P5007505	233	P5007708AB	81, 242	P5007903	234	P5153343	35, 192, 254
P5007507	205	P5007709	77, 238, 251	P5007904	231	P5153344	35, 192, 254
P5007508	205	P5007722	235	P5007904AB	81, 231	P5153345	35, 192, 254
P5007510	181	P5007728	80	P5007905AB	230	P5153346	35, 192, 254
P5007511	181	P5007737AB	105	P5007906	233	P5153349	35, 192, 254
P5007514	187	P5007740AB	278	P5007907	234	P5153350	35, 192, 254
P5007515	97	P5007742	58	P5007908	234	P5153364	266
P5007516AC	315	P5007745	244	P5007909AB	230	P5153365	268
P5007517AC	316	P5007746	215	P5007910	235	P5153366	215
P5007518AB	318	P5007747	115, 125	P5007911	233	P5153368	263
P5007519AB	318	P5007748	215	P5007912	84, 232	P5153376	193, 214, 265
P5007520AB	236	P5007788	230	P5007921	54, 86	P5153378	230
P5007521AB	312	P5007790	260	P5007922	202	P5153379	234
P5007526	184	P5007792	266	P5007923	216	P5153381	167
P5007534	25	P5007793AB	127	P5007928	241	P5153382	167
P5007536	215	P5007794AB	127	P5007932	78, 226, 241	P5153383	167
P5007546	106	P5007795AB	278	P5007943	201	P5153384	170
P5007551	252	P5007796	19	P5007944	201	P5153385	166
P5007552AB	73, 225, 239	P5007801	18, 47	P5007959	241	P5153386	170
P5007568	127	P5007807AB	62	P5007968	201	P5153387	170
P5007569	127	P5007809	27, 102	P5007969	201	P5153388	169
P5007573	234	P5007813	227	P5153168	266	P5153389	161
P5007611	85	P5007816	27, 62	P5153251	207	P5153390	161
P5007612	85	P5007817	62	P5153300	185	P5153391	161
P5007613	85	P5007818	28, 62	P5153301	185	P5153392	161
P5007614	52	P5007828	263	P5153302	185	P5153393	154
P5007615	53	P5007830	263	P5153303	185	P5153394	173
P5007616	53	P5007843	126, 276	P5153305	233	P5153395	161
P5007617	257	P5007844	126, 276	P5153306	207	P5153396	161
P5007618	257	P5007845	126, 276	P5153307	265	P5153397	161
P5007619	257	P5007848	63	P5153310	175	P5153398	161
P5007620	86, 257	P5007851	268	P5153317AB	307	P5153399	169
P5007621	29, 65	P5007852	260	P5153323	227	P5153400	169
P5007630AE	10	P5007853	235	P5153324	233	P5153401	169
P5007636AB	226, 230	P5007854	257	P5153325AB	34	P5153402	169
P5007638	260	P5007855	82, 231	P5153327	196		
P5007643AB	29, 65	P5007856	113	P5153331	192		
P5007645	256	P5007857	148	P5153332	193		
P5007652	244	P5007860	119	P5153334AB	315		

PART NUMBER INDEX

P5153403	169	P5153473	268	P5153590	95, 109, 269	P5153688	109, 270
P5153404	169	P5153478AB	73, 225, 239	P5153591	274	P5153689	40, 109
P5153407	169	P5153479	33	P5153592	132	P5153690	215
P5153408	170	P5153480	34	P5153593	132	P5153691	34
P5153409	170	P5153481	175	P5153594	135	P5153693	196
P5153410	170	P5153486AB	305	P5153595	135	P5153695	268
P5153412	169	P5153487AB	303	P5153602	133	P5153696	268
P5153413	169	P5153492AB	305	P5153603	32	P5153698	227, 233
P5153415	169	P5153496AB	305	P5153604	32	P5153699	232
P5153416	159	P5153498AB	304	P5153605	32	P5153700	233
P5153417	159	P5153504AB	307	P5153606AB	39, 121	P5153702	270
P5153419	161	P5153506AB	307	P5153607AB	39, 121	P5153726	130
P5153420	161	P5153513	75	P5153608	38, 120	P5153727	270
P5153421	161	P5153519	233	P5153609AB	303	P5153728	270
P5153422	161	P5153520	234	P5153610AB	303	P5153729AC	307
P5153423	169	P5153523	68	P5153612	226, 230	P5153730	40, 122
P5153424	169	P5153524	49	P5153621	320	P5153731	95, 109, 269
P5153425	169	P5153525	59	P5153622	320	P5153734AC	274
P5153426	169	P5153526	71	P5153623	320	P5153736AC	307
P5153427	159	P5153527	69	P5153624	320	P5153737	25
P5153428	170	P5153528	38, 120	P5153625	320	P5153738	25
P5153429	161	P5153530AB	39, 121	P5153626	320	P5153739	302
P5153430	161	P5153531AB	307	P5153627	320	P5153740	302
P5153431	161	P5153556	36	P5153628	40, 122	P5153743	73, 224, 239
P5153432	161	P5153561	141	P5153629	35	P5153748	215
P5153433	169	P5153562	141	P5153630	34	P5153749	206
P5153434	169	P5153563	141	P5153631	34	P5153753	124
P5153437	41	P5153564	215	P5153635	34	P5153757	36
P5153446	113	P5153565	207, 271	P5153639	268	P5153758	36, 222
P5153447AB	242	P5153566	216, 265	P5153640	268	P5153760	316
P5153450	192	P5153567	61, 103	P5153641	268	P5153761	313
P5153452	73, 225, 239, 250	P5153570AB	35	P5153642	215	P5153762	315
P5153453	267	P5153573	214, 264	P5153645	232	P5153763	314, 317
P5153457	235	P5153574	194	P5153646	201	P5153764	313
P5153458	235	P5153575	170	P5153649	201	P5153765	316
P5153459	234	P5153576	113	P5153651	227	P5153766	313
P5153460	234	P5153578	33	P5153654	50	P5153767	316
P5153461	234	P5153579	73, 225, 239, 250	P5153656	309	P5153768	313
P5153462	234	P5153582AB	302	P5153657	309	P5153769AB	312
P5153463	235	P5153584AB	302	P5153658	309	P5153771	313
P5153464	235	P5153585AB	302	P5153660	201	P5153773	315
P5153465	235	P5153589	266	P5153674	268	P5153774	315
P5153466	235			P5153687	270		

PART NUMBER INDEX

P5153775	311	P5153862	13	P5153964	308	P5155052	310
P5153777AB	304	P5153863	44	P5153965	308	P5155053	310
P5153779	18	P5153864	13	P5153966	308	P5155054	310
P5153781	24	P5153865	13	P5153967	308	P5155055	310
P5153782	23	P5153868	44	P5153973	308	P5155056	310
P5153783	40, 109, 122	P5153872AB	302	P5153974	308	P5155058	310
P5153794	232	P5153873AB	302	P5153975	308	P5155059	310
P5153795	124	P5153874AB	304	P5153976	308	P5155064	63
P5153797AB	307	P5153875	18	P5153977	308	P5155065	40, 122
P5153797AC	303	P5153878	312	P5153978	308	P5155066	271
P5153803	308	P5153879	312	P5153979	308	P5155067	33
P5153804	308	P5153881	311	P5153980	308	P5155068	40, 122, 298
P5153805	308	P5153882AB	303	P5153981	308	P5155071	215
P5153806	308	P5153883AB	306	P5153982	308	P5155072	13
P5153807	308	P5153890	309	P5153985	207	P5155074	70
P5153808	308	P5153891	309	P5153987	214	P5155075	272
P5153809	175, 309	P5153892	309	P5153990	214	P5155076	230
P5153810	308	P5153893	309	P5153991	214	P5155083	279
P5153811	308	P5153895	36	P5153993	184	P5155084	279
P5153812	308	P5153899	57	P5153994	217	P5155085	264
P5153813	308	P5153900	57	P5153995	90	P5155087AB	279
P5153814	308	P5153903	226, 230	P5154374	186	P5155088AB	279
P5153815	308	P5153904	41, 102	P5155002	196	P5155090	232
P5153816AB	33	P5153906	216	P5155003	33	P5155095	222
P5153819	308	P5153907	72	P5155005	36	P5155097	222
P5153821AB	63	P5153908	72	P5155014	215	P5155098	222
P5153822AB	63	P5153909	72	P5155020	308	P5155102	222
P5153823	50	P5153910	72	P5155021	308	P5155103	222
P5153826AB	279	P5153916	40, 122	P5155022	308	P5155110	215, 268
P5153832AB	307	P5153917	40, 122	P5155023	308	P5155111	215, 268
P5153833AB	305	P5153920	40, 122	P5155024	308	P5155113	215, 266
P5153837	206	P5153921	40, 122	P5155025AB	307	P5155114	215, 266
P5153838	211	P5153922AB	303	P5155027AB	303	P5155116	273
P5153844	201	P5153924AB	305	P5155029AB	307	P5155117	273
P5153846	201	P5153925AB	304	P5155030AB	307	P5155118	273
P5153847	82, 254	P5153927AB	305	P5155033	207	P5155119	273
P5153848	80	P5153928AB	304	P5155034	14, 44	P5155120	273
P5153849	81	P5153942	13	P5155035	266	P5155122	185
P5153850	81	P5153943	13	P5155037	206	P5155123	185
P5153851	84	P5153944	44	P5155038	33	P5155125	186
P5153852	90, 256	P5153947	71	P5155039	196	P5155126	186
P5153858	266	P5153948AB	303	P5155041	33	P5155129	60
P5153860	44	P5153951AB	306	P5155046	310	P5155134	305
		P5153963	308	P5155051	310		

PART NUMBER INDEX

P5155135	305	P5155239	196	P5155388	271	P5249268	46
P5155136	306	P5155250	222	P5155393	273	P5249269	16, 46
P5155137	306	P5155252	279	P5155394	271	P5249315	144
P5155138	306	P5155254	182	P5155422	265	P5249316AB	144
P5155139	305	P5155256	279	P5155427	124	P5249320	97
P5155141	305	P5155257	279	P5155430	222	P5249321AB	128
P5155142	305	P5155260	279	P5155529AB	39, 121	P5249432	94
P5155144	303	P5155265	189	P5206436	116	P5249433	60
P5155145	303	P5155272	189	P5249049	91	P5249444	140
P5155146	304	P5155273	189	P5249059	96	P5249464	259
P5155147	304	P5155274	189	P5249060	96	P5249466	94
P5155148	304	P5155275	80	P5249061	96	P5249467	60
P5155151	194	P5155280	268	P5249062	96	P5249480	94
P5155152	196	P5155283	194	P5249064	62	P5249482	94
P5155153	307	P5155285	222	P5249088	144	P5249483	60
P5155154	278	P5155286	222	P5249091	91	P5249484	60
P5155175	200	P5155287	222	P5249131	77	P5249492	61
P5155180	222	P5155316	26	P5249148	150	P5249493	61
P5155183	306	P5155318	222	P5249150	150	P5249505	24
P5155184	222	P5155319	222	P5249151	150	P5249511	201
P5155188	222	P5155330	265	P5249157	150	P5249516	274
P5155189	222	P5155336	280	P5249158	150	P5249518	273
P5155190	222	P5155349	280	P5249163	140	P5249519	251
P5155192	306	P5155350	280	P5249185	87	P5249528	212
P5155197	222	P5155351	280	P5249186	87	P5249535	252
P5155199	200	P5155359	279	P5249187	87	P5249545	274
P5155202	222	P5155360	304	P5249188	87	P5249546	274
P5155203AB	223	P5155361	305	P5249189	61	P5249548	274
P5155207	272	P5155362	303	P5249191	30, 65, 99	P5249549	252
P5155213	305	P5155363	304	P5249195	87	P5249557AB	15, 45, 75
P5155214	306	P5155364	306	P5249196	87	P5249558	98
P5155215	306	P5155365	306	P5249197	87	P5249559	98
P5155216	305	P5155366	303	P5249198	87	P5249562	15, 45
P5155217	304	P5155367	272	P5249199	54	P5249570	19
P5155218	304	P5155368	273	P5249200	54	P5249572	93
P5155220	303	P5155369	273	P5249201	54	P5249572AB	93
P5155221	304	P5155370	273	P5249202	54	P5249581AB	85, 86, 243
P5155222	304	P5155371	273	P5249203	21	P5249585AB	317
P5155223	305	P5155372	272	P5249204	21	P5249600	253
P5155226	222	P5155373	272	P5249226	150	P5249603AB	23
P5155227	222	P5155374	272	P5249229	150	P5249604AB	23
p5155234	19	P5155379	271	P5249259AB	14, 44	P5249609	150
P5155235	194	P5155382	271	P5249261AB	75	P5249610AE	262
P5155237	51	P5155387	271	P5249267	77, 251	P5249624AB	97

PART NUMBER INDEX

P5249631	23	P5249798	57
P5249632	23	P5249807	106, 262
P5249633	24, 57	P5249817	63
P5249636	15, 46, 76	P5249818	28, 63
P5249637	80	P5249822	14, 45, 76
P5249639	61, 94	P5249824	50
P5249641	124, 276	P5249842	132, 278
P5249642	257	P5249843	130, 278
P5249643	50	P5249846	205
P5249644AB	119	P5249847	89
P5249647AB	313	P5249848	22, 56, 89
P5249651AB	309	P5249849	22, 56, 89
P5249652AB	317	P5249862	253
P5249655AB	318	P5249866	54
P5249660	257	P5249875	259
P5249661	21, 259	P5249876	259
P5249662	253	P5249877	259
P5249666AE	11	P5249878	259
P5249667AE	12	P5249880	259
P5249671	212	P5249898	16
P5249672	55	P5249926	26, 61
P5249686AE	262	P5249927	139
P5249687	262	P5249930AB	77, 238
P5249688	262	P5249932	269
P5249690	76	P5249935	274
P5249694	45	P5249947	20
P5249699	15	P5249949	20
P5249702	273	P5249955AB	274
P5249706	75	P5249959AB	245
P5249708	14, 44	P5249988	234
P5249709	149	P6030269	47
P5249711	18, 47	PL009004ST	300
P5249712	91	PL009006ST	300
P5249713	91	PL009007ST	300
P5249714	58	PL00H3ST	300
P5249715	149	PL9006XSST	300
P5249716	149		
P5249717	144		
P5249718	117		
P5249719	140		
P5249758	226		
P5249769	81, 242		
P5249775	112		
P5249776	112		





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