

STEERING, SUSPENSION & BRAKES 10



PERFORMANCE

STEERING, SUSPENSION, AND BRAKES

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. When P3412002/03 is used on a "B" or "E" body frame, the rear spring eye in the frame must be relocated 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

C. 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



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STEERING, SUSPENSION, AND BRAKES

LEAF SPRINGS AND HARDWARE

A. Solid Leaf Spring Front Eye Bushings

Contains two 1-1/2-inch aluminum Spring Eye Bushings with steel sleeves. Improves spring reaction by cutting down on rubber deflection. Steel sleeve allows free movement of aluminum bushing. Designed for use with competition leaf springs (Super Stock).

P4510644 Bushing, Leaf Spring, Front Eye, Aluminum, Solid, 1-1/2" Diameter., 3.125" Length, A-/B-/E-Bodies

B. Rear Spring Shackle Bushings

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

P4510643 Shackle Bushings, Rear Spring, Polyurethane, A-Body

P4452987 Shackle Bushings, Rear Spring, Rubber, O. E., 1", B-/E-Body, Super Stock Springs

P4452986 Shackle Bushings, Rear Spring, Rubber, O. E., 7/8" A-Body

C. 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.

D. 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

E. 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



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STEERING, SUSPENSION, AND BRAKES

LEAF SPRINGS AND HARDWARE

A. 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

B. 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

C. 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

D. 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"

E. 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

F. 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



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STEERING, SUSPENSION, AND BRAKES

FRAME COMPONENTS

A. 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

B. 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

TORSION BARS AND HARDWARE

C. 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

D. 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

SUSPENSION SEALS AND BUSHINGS

E. 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



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E.

STEERING, SUSPENSION, AND BRAKES

SUSPENSION SEALS AND BUSHINGS

A. 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.

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



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B.

MANUAL STEERING HARDWARE

C. 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.

- P4007612** Gear Worm and Ball Nut Package, Manual Steering, 1963-85 Passenger Cars

D. Power to Manual Steering Adapter

This adapter allows you to convert vehicles equipped with power steering to a manual steering box.

- P4510637** Manual Steering Adapter, A/B/E-Bodies



C.



D.

SHOCKS AND STRUTS

E. Drag Race Rear Shock Absorbers

Designed with the extended length required by special drag racing applications. Sold individually.

- P4529514** Shock Absorber, Rear, Drag Race, Automatic Transmission, A-Body
- P4529515** Shock Absorber, Rear, Drag Race, Automatic Transmission, B/E-Body



E.



F.

BRAKES

F. 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.

- P4510634** Heat Shield, Master Cylinder, Stainless, Big Block, A-Body

G. Master Cylinder Adapter

Converts from four-stud to two-stud attaching style. For use with Mopar Brake Cylinder Pushrod Package (P5249316AB).

- P5249315** Master Cylinder Adapter



G.

BRAKES

A. 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.

P5249717 Master Cylinder Adapter, Offset, 1968 Hemi A-Body

B. Brake Pushrod, Adjustable

For use with Mopar lightweight Master Cylinder Assemblies (P5249270 and P5249271 which are currently discontinued).

P4510640 Pushrod, Brake, Adjustable

C. Brake Proportioning Valves

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.

AUTHENTIC PERFORMANCE



PERFORMANCE



PERFORMANCE CATALOG

Find out more about replacement ignition parts we have.