

PENSKE

≡≡≡ **RACING SHOCKS** ≡≡≡
MOTORCYCLE PRODUCTS



The world leader in suspension technology, Penske Racing Shocks uses the finest materials available to provide premium, lightweight, maximum-strength shock and fork products. We offer only the highest quality suspension products for all motorcycles, including street, road race, touring, flat track, drag, and custom applications. Available in, single, double, and triple adjustable configurations, we can create a shock to suit all forms and levels of riding. All Penske Racing Shocks are hand-built, tailored to your rider feel or bike set-up, and dyno tested, insuring the highest attention is paid to detail, consistency, and performance.

The Competitive Advantage of Champions



SHOCK ABSORBERS

PS-8900 Series Single Adjustable

The 8900 Series damper is a single adjustable, low cost, entry level shock absorber available for limited applications.

Features

- Owner Rebuildable and Revalvable
- High Flow Piston
- Low Friction Shaft Bearing
- Adjustable Spring Preload
- Adjustable Ride Height
- Adjustable Rebound/Compression (36 clicks)
- High Quality Spring Included, Matched to your Weight

PS-8983 Series Double Adjustable

The 8983 Series damper is a double adjustable model recommended for the track enthusiast, amateur road racer, and choice of AMA Flat Track Champion Kenny Coolbeth.

The compression adjuster features a parabolic needle bleed bypass of a conventional shim stack and piston. This results in 16 clicks of adjustment, with enhanced linear steps between settings. The 8983 Series sets the standard in entry-level, double adjustable shock absorbers in terms of performance, quality, and value.

Features

- Owner Rebuildable and Revalvable
- Floating Piston Design
- High Flow Piston
- Low Friction Shaft Bearing
- Adjustable Spring Preload
- Adjustable Ride Height
- Adjustable Rebound (36 clicks)
- Adjustable Low/High Speed Compression (16 - 20 clicks)
- High Quality Spring Included, Matched to your Weight
- Available with a Piggyback or Remote Reservoir

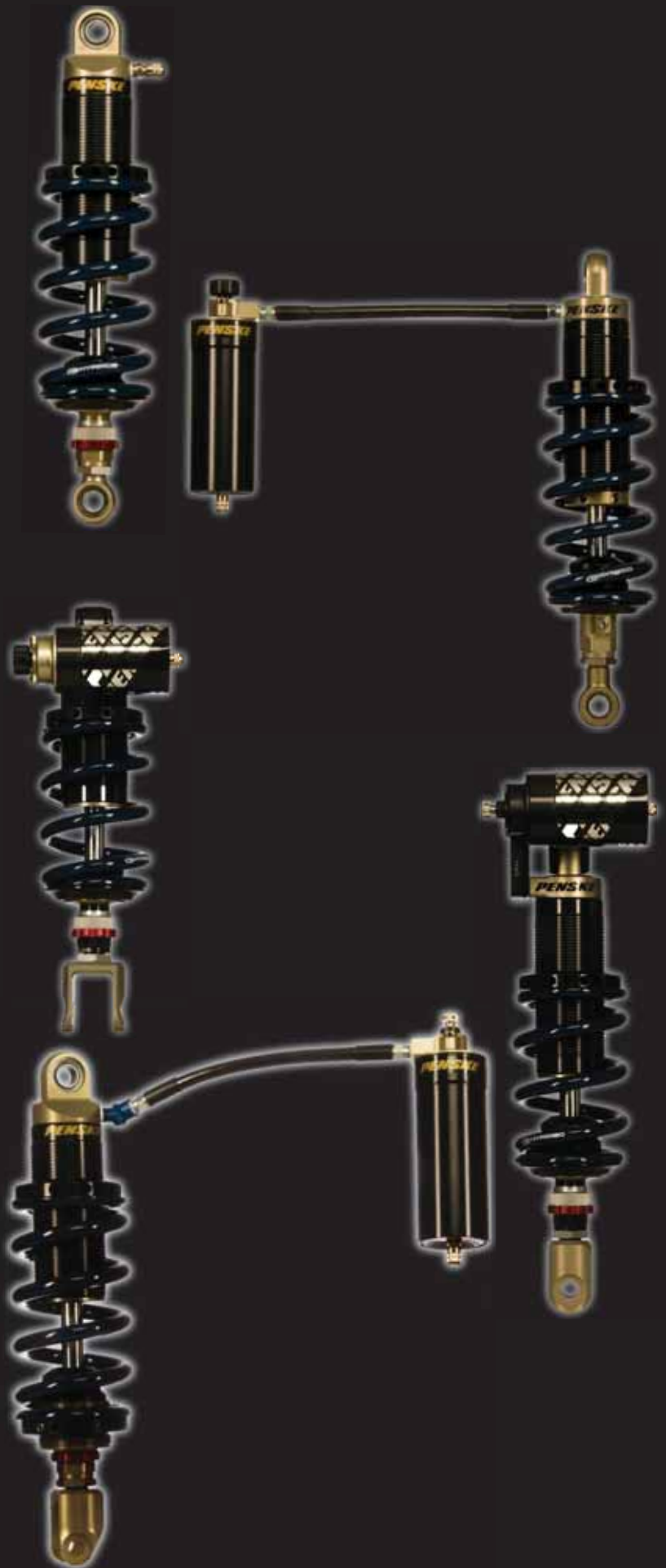
PS-8987 Series Triple Adjustable

The 8987 Series damper is a triple adjustable model recommended for the serious track enthusiast, amateur and expert road racer, and choice of ASRA Champion Jeff Wood.

The high and low speed compression adjusters are independently tuned. This feature allows the rider to adjust for slow shaft movement bumps (power delivery/imperfections in the paving) and also for the harsh (faster velocity) bumps, making the 8987 the perfect tool for the serious rider or racer.

Features

- Owner Rebuildable and Revalvable
- Floating Piston Design
- High Flow Piston
- Low Friction Shaft Bearing
- Adjustable Spring Preload
- Adjustable Ride Height
- Adjustable Rebound (36 clicks)
- Adjustable Low Speed Compression (25 clicks)
- Adjustable High Speed Compression (17 clicks)
- High Quality Spring Included, Matched to your Weight
- Available with a Piggyback or Remote Reservoir



SHOCK ABSORBERS

PS-8970 Series Triple Adjustable

The 8970 Series damper is a triple adjustable model featuring the latest technology in motorcycle suspension, and choice of Moto-ST Champion Lloyd Brothers Aprilia.

Direct from Formula One, the 8970 Series provides an incredible range of adjustment, and separates high and low speed compression adjustment like no other shocks on the market.

Features

- Owner Rebuildable and Revalvable
- Floating Piston Design
- High Flow Piston
- Low Friction Shaft Bearing
- Adjustable Spring Preload
- Adjustable Ride Height
- Adjustable Rebound (36 clicks)
- Adjustable Low Speed Compression (35 clicks)
- Adjustable High Speed Compression (65 clicks)
- High Quality Spring Included, Matched to your Weight
- Available with a Piggyback or Remote Reservoir

HD V-Rod and Night-Rod Rear Twin Shocks

For distinguishing enthusiasts, Penske Racing Shocks are now available for 2005-2008 Harley-Davidson V-Rod and Night-Rod motorcycles. The new shocks are available with standard polished aluminum accents or a complete black version to complement the Night Rod look. External adjustment allows one to tune from touring riding conditions to drag racing instantly and easily by hand. Additionally, Penske technicians have fine tuned the ride characteristic with our own test bike to give the best performance in all road and riding conditions.

Features

- Owner Rebuildable and Revalvable
- Floating Piston Design
- High Flow Piston
- Low Friction Shaft Bearing
- Adjustable Spring Preload
- Adjustable Ride Height
- Adjustable Rebound/Compression (36 clicks)

FORK PRODUCTS

Gas Cartridge Kit

The Penske Gas Cartridge offers the latest technology in cartridge fork development. Made for racing, the kit provides instantaneous damping force over bumps, greater wheel control, improved feedback from the tire, more rider confidence, and ultimately lower lap times.

Features

- Bolts Directly into a Stock Inverted Motorcycle Fork Casting
- AMA, WERA, ASRA/CCS Legal
- Sealed and Pressurized to Reduce Contamination from Conventional Fork Systems
- High Quality Springs Included, Matched to your Weight

Fork Piston Kit - 20mm

Velocity dependent piston technology separates the high and low speed shim stacks for virtually unlimited valving combinations; from velocity square damping to linear to digressive, all with one piston. A rebound piston, featuring a low friction Teflon® piston band, are added to complete the kit.

All pistons are anodized for long service life and reduced oil contamination.



ACCESSORIES

Preload Collar Bearing Kit

Add this preload bearing kit to any shock for improved adjustment. Used by AMA teams.

Top Out Spring Kit

The top out spring kit consists of a newly designed bearing with a top out spring installed. Different spring rates are available to match your bike. The kit will improve rear wheel rebound during breaking, and the feel of the rear wheel anytime weight is transferred from the rear to the front. Developed with and used by AMA teams.

Regressive Valve Kit

The latest technology for improved side grip, directly from Formula One. Used by AMA teams.

Fork Spring Kit

High quality fork spring kits. Multiple spring rates are available for optimum setup.

Steel / Titanium Shock Spring

High quality shock springs in steel or titanium. Multiple spring rates are available for optimum setup.

Hydraulic Spring Perch

The Hyperco spring perch was designed to improve tire grip and to reduce the friction of the shock, thus improving performance and wear of your Penske Racing Shock by evenly distributing the load from the spring. Used by AMA teams.

“Do-it-Yourself” Service Kit

This service kit includes all o-rings, seals, and parts needed to rebuild your shock. The kit does not include oil.



SERVICE

Penske offers a complete line of services for shocks and forks. Shock services include revalves, rebuilds, fluid and seal replacements, and dyno time. Fork services include revalves, rebuilds, and fluid and seal replacement. Replacement parts are an additional cost.

LOCATIONS

PRS Midwest
12666 U.S. Route 12
P.O. Box 666
Brooklyn, MI 49230
Phone (517) 592-6681
Fax (517) 592-3696

Main Office
150 Franklin Street
P.O. Box 1056
Reading, PA 19602
Phone (610) 375-6180
Fax (610) 375-6190

PRS Canada
360 York Road, RR #4
Niagara on the Lake
N.O.T.L., Ont., L0S 1J0
Phone (905) 684-7418
Fax (905) 684-1774

www.penskeshocks.com

AUTHORIZED WORLDWIDE DISTRIBUTORS

PRS Australia
NTT Racing
Phone 618 8113 0600
Fax 618 8113 0608
www.nttyres.com

PRS United Kingdom
SPA Design
Phone 44 1827 300150
Fax 44 1827 300151
www.penskeshocks.co.uk

PRS South America
Saenz Hnos S.A.
Phone 54 11 4485 3028
Fax 54 11 4485 3028
www.saenzperformance.com