

Ride More.



09



 **PROGRESSIVE**
suspension

IT'S ALL ABOUT THE RIDE

FOR 27 YEARS PROGRESSIVE SUSPENSION HAS BEEN CREATING THE BEST MOTORCYCLE SUSPENSION PRODUCTS IN THE LAND. OUR TEAM OF RIDING ENTHUSIASTS DESIGNS, ENGINEERS, AND TESTS PRODUCTS WHOSE SOLE PURPOSE IS TO ENHANCE THE RIDING EXPERIENCE. OUR ENGINEERING SOFTWARE TURNS IDEAS INTO ELECTRONIC ART WE CAN MANIPULATE UNTIL WE REACH OUR DESIGN GOALS. WE DURABILITY TEST OUR DESIGNS ON TORTURE MACHINES TO INSURE YEARS OF SERVICE LIFE ARE GUARANTEED BEFORE THE PRODUCT SEES THE LIGHT OF DAY. FINALLY OUR PRODUCTS ARE BUILT ON STATE OF THE ART EQUIPMENT TO INSURE THEY MEET OUR STRICT STANDARDS OF PERFORMANCE. IN THE END, IT'S ALL ABOUT THE RIDE.

THIS YEAR WE AGAIN LAUNCH KILLER NEW PRODUCTS THAT WILL IMPROVE THE RIDE AS WELL AS THE LOOKS OF YOUR BIKE.

LOOK INSIDE OUR 2009 CATALOG TO SEE THE DETAILS OF OUR NEW "AIR DRAGGER" AIR SHOCKS. THIS LATEST ADDITION ALLOWS 2 INCHES OF ON THE FLY RIDE HEIGHT ADJUSTMENT WITH AN INCREDIBLY SMOOTH RIDE AT A SUPER LOW PRICE. ALONG WITH THE "AIR DRAGGER" SHOCKS WE OFFER THE SIMPLEST TO INSTALL COMPRESSOR KIT TO COMPLETE THE SYSTEM. ALSO THIS YEAR PROGRESSIVE SUSPENSION AGAIN DEMONSTRATES OUR ABILITY TO REMAIN ON THE LEADING EDGE AS WE LAUNCH THE EASY TO INSTALL "DROP-IN" FORK SPRING KIT. THIS KIT ALLOWS RIDERS TO LOWER THE FRONT OF THEIR RIDES WITHOUT THE HASSLE OR EXPENSE OF COMPLETE FRONT END DISASSEMBLY.

AS ALWAYS PROGRESSIVE SUSPENSION OFFERS THE MOST EXTENSIVE LINE OF SUSPENSION PRODUCTS AVAILABLE. FROM OUR GREAT PERFORMING AND VALUE PRICED 412 SERIES TO OUR TECHNOLOGY LADEN BEST RIDING 440 SERIES DESIGNED FOR THE LONG HAUL TO OUR SOPHISTICATED AIRTAIL SYSTEMS WE'VE GOT YOU COVERED. FOR THE VINTAGE RIDERS WE HAVE AN APPLICATION CHART UNMATCHED BY ANY AND COVERING VINTAGE STREET IRON AS WELL AS DIRT CLASSICS.

FOR 27 YEARS THE RIDING ENTHUSIASTS AT PROGRESSIVE SUSPENSION HAVE BEEN CREATING PRODUCTS THAT ENHANCE THE RIDING EXPERIENCE. BECAUSE WHETHER IT'S A RIDE DOWN TO THE LOCAL TAVERN OR ACROSS THREE STATES BY SUNDOWN AT THE END OF THE DAY IT'S ALL ABOUT THE RIDE.

RIDE MORE.

David Shirley
Vice President & General Manager



Ride Technology.



DESIGN, TEST, ANALYZE.....



FABRICATE, MACHINE AND ASSEMBLE DAMPER COMPONENTS.....



INSERT DAMPING PISTON, OIL, GAS, SEALS, TEST.....

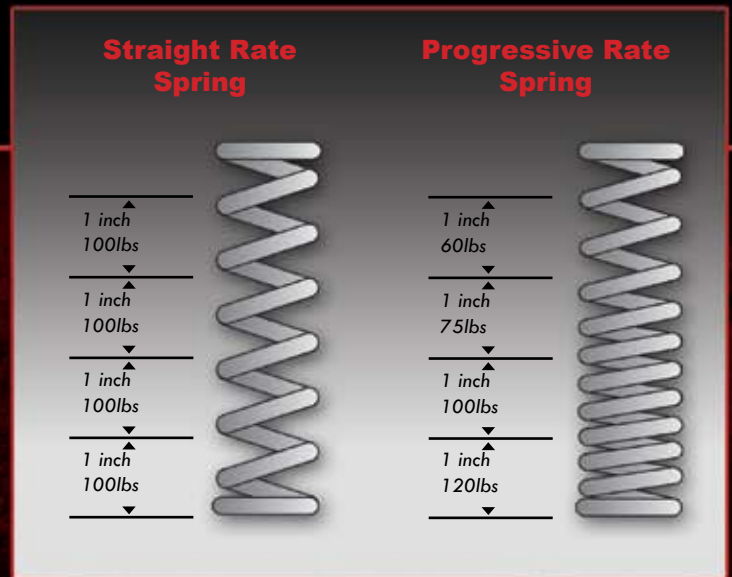


UTILIZE QUALITY COMPONENTS, ASSEMBLE, SHIP, RIDE MORE.....

SUSPENSION BASICS

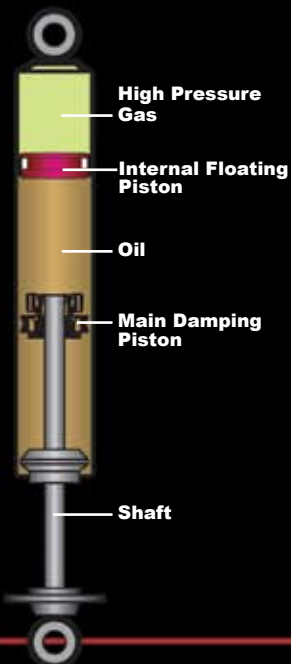
The Basics of Motorcycle Suspension

- Motorcycle suspension can be divided into two basic components.
- The spring whose simplified function is to carry the load as well as absorb the impact of bumps
- A damper that dampens motion and dissipates the energy created by the spring's compression and extension motion



Springs

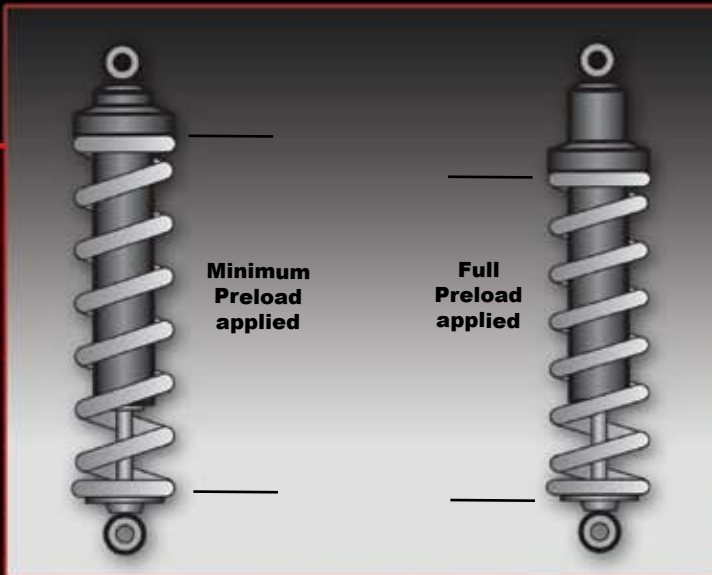
- The spring is wound steel and is defined by its rate.
- Rate is a measurement of the force required to compress the spring and is typically expressed in lbs per inch.
- A straight rate spring with a 100 lbs/inch rate will require 100 lbs to compress it one inch. Each subsequent inch of compression would require an additional 100lbs
- A progressive rate spring allows a single spring to exhibit multiple rates.
- By utilizing varied spacing spring coils, the initial rate may be 100lbs/inch, but each subsequent inch of movement would require more than an additional 100 pounds of force.
- The progressive advantage is a spring that is supple enough to soak up small bumps, yet firm enough to handle a big hit.



Dampers

- Dissipates energy and helps the spring absorb impacts
 - The energy of motion is dissipated in the form of heat
 - Damping rate or stiffness of the damper is matched to the stiffness or rate of the spring
 - Many designs available but typically comprised of a piston being forced through a damping fluid such as hydraulic oil
- Illustration at left shows typical construction of a high pressure gas mono tube type shock

SUSPENSION SETUP



Shock Preload Adjusters

- All of Progressive Suspension's shocks are Preload Adjustable.
 - Preload adjustability allows the user to easily tune the shocks for their specific combination of bike and rider weight.
 - By compressing or uncompressing the spring a small amount with the pre-load adjuster, our shocks can be perfectly tuned to suit the conditions.
- In addition, most PSI shocks are also offered in Heavy Duty applications, recommended for bikes that are operated at or near the manufacturer's maximum load rating over 50% of the time.

Rider Sag Adjustment



To check your Ride Sag, there are two key measurements, the first is Extended Height the second is Ride Height. Extended Height is ideally measured from the center of the rear axle to an arbitrary point directly above the axle (a fender bracket, for instance). This is done with the bike on a jack with the rear tire just off the ground or off the stand and with a helper. While holding the bike straight up have the helper solidly lift the rear end by the fender or rack until you feel the shocks stop extending, or "top out". This will un-laden the shocks and an Extended Height measurement can be taken.

- Ride Height is measured with the rider, or riders and gear, on the bike (hands on the bars and feet on the pegs) and a helper or two supporting it.
- A measurement is again taken using the same points as before.
- The difference between the two measurements is Ride Sag and is generally expected to be .75" to 1.25" (depending on application).
- If your number is less, then the bike will require less preload, and if it is greater, more preload is needed.
- Twin shock bikes should always be adjusted with the equal preload on both sides.

TOURING LINK

CHASSIS STABILIZER



Inexpensive & easy to install solution to handling challenges inherent in touring models. Compact design does not hang below the frame or impede ground clearance. Motor/swingarm assembly stays aligned with chassis while avoiding the introduction of unnecessary vibration to the rider.

TOURING LINK CHASSIS STABILIZER



- **Simple Install**
- **Forged Steel Construction**
- **1993 thru 2008 HD Touring Models**
- **Does NOT impact ground clearance**
- **Precision Rod End Bearings**
- **MSRP USD \$199.95**



NEW
2009

AIR DRAGGER

PROGRESSIVE
SUSPENSION



By combining a machined aluminum air chamber, velocity sensitive, multi-stage valving and an internal progressive rate coil spring, we've once again elevated air suspension to a new level. The clean and simple, full chrome body mounts to all late model touring bikes and is powered by a clever compressor unit that simply velcros into the back of a saddlebag. Effortless installation, up to two inches of on-the-fly height adjustment and an economical price is a hard to beat combination!



- **Chrome Air Chamber**
- **Multi-Stage velocity Sensitive Damper**
- **Up to 2" of Height Adjustment on most Touring models**
- **Optional Easy to Install Compressor (mounts in saddlebag)**
- **AirDragger Shocks for HD Touring models (1980-2009)** MSRP USD \$499.95
- **EasyMount Compressor for HD Touring models (1980-2009)** MSRP USD \$459.95

812SERIES

Vintage



Progressive Suspension continues to take the market to new places and the 812 VINTAGE Series Shocks are just another example of our innovative work. We've utilized a multi-stage, velocity sensitive shock and wrapped it in an old school full chrome steel can that looks like it'd be right at home on a 50's Panhead. In fact, it also looks great on modern Dyna's and it'll make any of them ride better.

- Billet Aluminum End Caps
- Hidden Hardware
- Full Length Can
- 5 Position Preload Adjuster
- Multi-Stage velocity Sensitive Damper
- High Pressure Gas Charged for constant damping performance
- Select HD & Metric Applications
- MSRP USD \$439.⁹⁵

812SERIES

Flame



The 812 FLAME Series is the ultimate fusion of form and function. We've taken our road-proven multi-stage velocity sensitive damper system and five position preload adjuster and combined them with flowing machined aluminum end caps and aggressively styled spring cans. The result is a shock that changes the look of shocks as we know them without sacrificing the performance that we demand.

- Billet Aluminum End Caps
- Hidden Hardware
- Chrome Flame Can!
- Chrome or Black Spring
- 5 Position Preload Adjuster
- Multi-Stage velocity Sensitive Damper
- High Pressure Gas Charged for constant damping performance
- Select HD & Metric Applications
- MSRP USD \$439.95



812SERIES



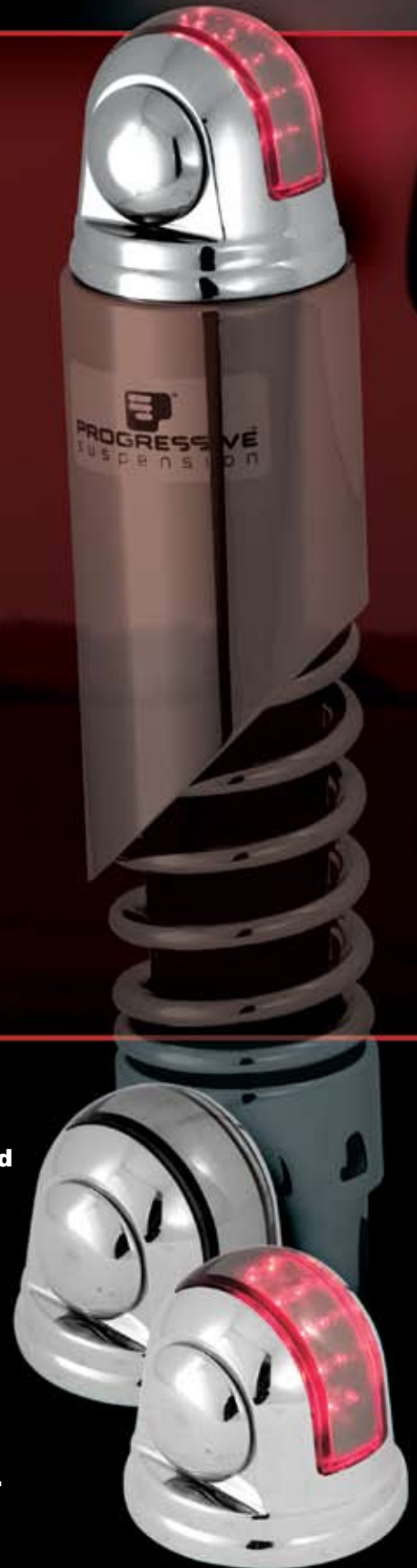
The Baloney and Double Cut were the first of the 812 design revolution and have taken high performance suspension and merged it with previously unseen style. 812s are a combination of our road-proven multi-stage velocity sensitive damper system and five position preload adjuster merged with sinuous machined aluminum end caps and stylized spring cans. The result is a shock that changes the look of shocks as we know them without sacrificing the performance that we demand.

- Billet Aluminum End Caps
- Hidden Hardware
- Chrome Spring
- 5 Position Preload Adjuster
- Multi-Stage velocity Sensitive Damper
- High Pressure Gas Charged for constant damping performance
- Select HD & Metric Applications
- MSRP USD \$439.95

812 SHOCKLIGHTS



PSI Shock Lights are comprised of a flush mount LED that follows the contour of the stylized 812 shock cap. Subtle design is unobtrusive and blends nicely into the shock cap. Powerful LED array can be wired into brake or turn signal system.



- Can be used as Run/Turn/Brake light
- Replacement Cap for select Progressive Suspension 812 and 412 shocks.
- Wires easily into existing harness
- Super Bright LEDs
- Hidden hardware
- May require load balancer (balancer is included with kit)
- Control module required when used as additional brake light.
- MSRP FROM USD \$155.95

430SERIES



We have once again upped the ante with the street rod styled 430 series of shocks. Utilizing a high pressure gas mono tube design with deflective disk damping to insure high performance ride control the 430 Series can also be mounted rod up or rod down, depending on your application. Threaded pre-load adjusters allow for tool-less adjustment, and effortless tuning of ride quality. First of their kind, machined aluminum spring perches are complimented by smooth lines and a polished chrome body.

- High Pressure Gas Charged Monotube for constant damping performance
- Progressive Rate Springs available in Standard or Heavy Duty rates
- Chrome covers with Chrome springs or Black anodized with Black Springs
- Available in lengths from 11.0 inch to 13 inch
- HD & Metric Applications
- MSRP FROM USD \$499.95

440SERIES



Every product line has a “best of the best” and the PSI 440 Series shocks are just that. We wrap our proven progressive rate spring around a state of the art damper and top (and bottom!) it off with machined aluminum end caps. A top mount threaded preload adjuster allows for fine tuning with a simple twist of the cap and the 440 Series is available in 2 finishes and multiple spring rates as well as the ideal stock or lowered length for your bike.

- I.A.S. (Inertia Active System) separates wheel movement from chassis movement
- High Pressure Gas Charged for constant damping performance
- Progressive Rate Springs available in Standard or Heavy Duty rates
- Chrome covers - Chrome springs or Black covers -Black Springs
- Limited lifetime warranty on I.A.S. Dampers
- Available in 11.0 inch to 13.5 inch lengths
- MSRP FROM USD \$590.⁹⁵



Airtail



By combining state of the art Dampers with dual air chambers, Progressive Suspension has created the ultimate rear suspension for both the Touring and Softail models. The Airtail & Airtail IAS are the result of years of R&D and represents the pinnacle of high performance and tunable suspension. Utilizing both a coil and air shock allows the Airtail & Airtail IAS to ride like traditional high-end shocks while still allowing for extensive height and spring rate tuning. The dual air chambers permit the rider to adjust ride height INDEPENDENT of suspension firmness. This translates to the ideal ride height, without any sort of compromise in ride quality. Also available with on-board compressor allowing for on-the-fly tuning.

- Integrated Air & Coil Shock
- Independent Firmness & Height Adjustments
- IAS Technology separates wheel movement from chassis movement (Touring, Dyna & VTX)
- High Pressure Gas Charged monotube for consistant damping performance
- Compressor Kits sold separately
- Touring, Softail, Dyna & VTX Applications
- Touring Models MSRP from USD \$999.⁹⁵
Softail Models MSRP from USD \$822.⁹⁷





Both the Airtail (for Softail style chassis) and the Airtail I.A.S (for vertical twin shock chassis) can be set up two different ways.

**Option 1:
Shocks only, no compressor, adjustments made via hand pump (see page 31)**

**Option 2:
Shocks connected to a PSI Compressor Kit and on-board toggle switch**

Compressor Kits MSRP from USD \$735.⁴²

30-5100 Compressor kit	FXST/FLST FXSTS/FLSTS	AirTail	1989-99
30-5101 Compressor kit	FXST/FLST see notes FXSTS/FLSTS	AirTail	2000-09
30-5109 Compressor Only (High Pressure)	FXST/FLST FXSTS/FLSTS	AirTail	1989-06
30-5110 Control kit w/Gauge	FXST/FLST FXSTS/FLSTS	AirTail	1989-99
30-5111 Control kit w/Gauge	FXST/FLST see notes FXSTS/FLSTS	AirTail	2000-07
30-5114 Compressor kit	FXST/FLST FXSTS/FLSTS/FLSTSB	AirTail	2007-09
30-5102 Compressor kit	FLH/FLT (All)	AirTail IAS	1997-07
30-5105 Control kit w/Gauge	FLH/FLT (All)	AirTail IAS	1997-07
30-5106 Compressor Only (Low Pressure)	FLH/FLT (All)	AirTail IAS	1997-07
30-5300 Compressor Kit	FLH/FLT ALL	AirTail IAS	1997-09

422SERIES



Our shock system for the venerable Softail style chassis is exclusively available as an adjustable ride height version. Progressive Suspension was the first to introduce aftermarket shocks for the most popular frame design ever produced and we continue to refine our work. Two inches of ride height adjustment as well as adjustable for spring preload to accommodate varying loads and rider weights, all wrapped in a chrome shroud.

- **CHROME Plated**
- **2 INCHES** of ride height adjustment
- **Preload Adjustable**
- **Dual Coil Shock system**
- **High Pressure Gas Charged Monotube** for consistent damping performance
- **1989 thru 2009 Applications**
- **MSRP FROM USD \$514.95**

Springer SERIES



The beloved Springer is often overlooked when it comes to high performance suspension components. Not by us, though! We've been happily building a replacement shock for years! Designed to reduce front end bounce, dive and the inherent softness of the stock setup. MultiStage Velocity Sensitive Damping increases cornering stability, as well as ride quality. The Springer front end has never worked so well!



- **CHROME Plated**
- **MultiStage velocity Sensitive Damping**
- **Dual Wall Construction**
- **1989 thru 2009 Applications**

- **MSRP USD \$185.³⁵**

412SERIES



Simply the best value shock on the market today. The 412s proven, durable design means they will be an improvement to your motorcycle's suspension performance. The double-wall steel body construction with nitrogen charged, multi-staged velocity sensitive valving gives you smooth, consistent damping. A five position cam style preload adjuster lets you dial in your ride whether you're a light rider or heavy hitter. Standard or Heavy-Duty, and lengths from 11" to 14.2", there is sure to be a 412 that's right for you and your bike.

- All steel double wall damper with multi-stage velocity sensitive damping
- 5-Position cam style preload adjuster
- High Pressure Gas Charged for consistent damping performance
- Standard or Heavy-Duty progressive rate springs in either chrome or black.
- Optional full Show Chrome covers on select applications
- MSRP FROM USD \$299.⁹⁵

418SERIES



The 418 Series Aluminum Bodied Shocks are the choice of top custom bike manufacturers for these simple reasons: **Unsurpassed Quality! Stylish Looks! Unbeatable performance!** 418 Series shock bodies are manufactured from aircraft quality aluminum and then clear anodized for an attractive, durable and long lasting finish. The 418's feature a 5-position rebound damping adjustment for the perfect ride. The shock shafts are made from 4130 Chromoly steel that is precision ground and hard chromed. A four-position cam style adjuster handles preload adjustment duties. Multiple lengths from stock to lowered available for most applications.

- Billet aluminum damper body is lightweight & stylish.
- Rebound damping is adjustable to five settings for the ultimate in tunability
- Cam style preload adjuster
- Standard or Heavy-duty progressive rate springs
- Available in Lengths from 11.5" to 13.5 "
- MSRP USD \$543.⁹⁵



420SERIES



420 Series is machined from aircraft quality aluminum, then anodized to protect the finish. Utilizes a twin wall design that incorporates a unique internal bladder for oil/gas separation. The 420 Series features velocity sensitive, multi-stage valving for a consistent, controlled ride and great handling. The shock shaft is made from 14mm Chromoly steel and is then hard chromed for durability and smooth operation. Only the highest quality internal seals and bushings are used. Features heavy-duty spherical bearings in the eyelets. The damping and spring rates for the 420 Series Shock have been specially developed for each unique application. Available in standard length and a 1" lowered length on select applications.

- **Multistage-valved Velocity Sensitive machined aluminum-bodied damper**
- **Twin wall design with unique internal bladder system keeps air and high pressure nitrogen separate for consistent damping**
- **Durable 14mm Chromoly Shaft is hard chrome plated to minimize stiction**
- **Threaded, notched preload adjuster with lock ring permits fine-tuned preload adjustment**
- **MSRP FROM USD \$552.⁹⁵**

465SERIES



Completely new for 2009, the 465 Series represents state of the art high pressure gas monotube shock design. It utilizes a large 46mm bore and deflective disc piston for precise damping. The beefy 16mm hard chrome shaft rides on custom viton seals for low friction and leak free life. The 465 is custom tuned for each application and is completely optimized for each bike, from the damping and spring rate all the way down to the jounce bumper. Initial offerings include the KLR650 and will expand to include other monoshock bikes.

- **High pressure gas monotube – Ultimate performance**
- **5 position rebound adjuster – Adjust to changing conditions and riding styles**
- **Threaded body allows for fine adjustments in sag**
- **Aluminum Body and Components - Light weight & stylish**
- **Hard anodized finish – Durable and corrosion resistant**
- **Hard Chrome Shaft - Promotes seal life & durability**
- **Stock as well as 1” lower versions**

MSRP FROM USD \$495.95



NEW
2009

416SERIES



The Original Air Shock from Progressive Suspension features a machined aluminum air chamber for perfect sealing surfaces, heavy duty springs, air adjustability and velocity sensitive, multi-stage valving. Years of testing, riding and experience have proven that the 416 Series is absolutely the finest air shock available. We start with an aluminum extrusion that is precision machined to exacting tolerances. The air chamber is then mated to our famous Progressive Suspension damper unit using the highest quality seals and bushings available. The 416 Series is the perfect choice for the touring rider who carries a varied load. Air lines and fittings are easily installed. An optional adapter kit is available for most touring bikes to tap into the stock air fill system (fill valve or air compressor).

- Progressive Suspension Custom Tuned Multistage Damper
- Precision machined aircraft grade aluminum air chamber
- Replaceable air seals
- Standard air fitting is adaptable to most stock air fill systems
- Standard dust boot for additional protection against the elements
- MSRP USD \$401.⁶⁵



12 SERIES 13 SERIES 14 SERIES

12 Series - The 12 Series are the same damper units that are utilized in our 412 Series, without the springs and covers. They feature double walled steel bodies, a 5-position preload adjustment and are gas charged. Springs are purchased separately to fine tune for your particular application and are available in chrome or black powder coat finishes in Standard or Heavy-duty rates.

13 Series - The 13 Series Twin Shocks for off-road applications. These shocks are the perfect choice for that old off-roader in your garage. They feature a cellular foam chamber that enables the shock to be run in any position with no loss of damping performance. Hard chromed precision ground shaft, double walled construction for durability and a 5-position preload adjustment.

14 Series - The 14 Series is the way to go for the 'correct' original equipment look of older style shocks. It has a smaller body than our 12 Series to fit the era. The 14 Series are available for most older motorcycles such as the Honda CB's, the Suzuki GS line, KZ Kawasaki's and XS Yamahas. They feature an adjustable spring preload and velocity sensitive multi-stage valving. Springs are available in chrome or black powder coat finishes in Standard or Heavy-duty rates.

- Five position cam style preload adjuster
- Standard or Heavy-duty progressive rate springs in chrome or black (sold separately)
- 12 Series shocks are dampers only. Progressive Suspension springs can be mated for a customized ride
- 13 Series twin shocks for off road applications - dampers only. PSI springs can be mated for a customized ride
- 14 Series twin shocks for vintage applications are dampers only. PSI springs can be mated for a customized ride

● MSRP FROM USD \$133.85

Vintage



450SERIES



Goldwing riders rejoice. Technically the same features as the 440 series, the 450 series is designed specifically for the GL1500 Goldwing. It features a Progressive Rate spring, Inertia Sensitive / Velocity Sensitive Damping and is used in conjunction with the stock air shock. The 450 series I.A.S.® shock provides the ultimate ride for your 1500 Goldwing.

- **Revolutionary Inertia Active System with Inertia Valve technology separates wheel movement from chassis movement**
- **Progressive Rate Spring**
- **Powder coated damper and Black Nitride shaft**
- **Designed specifically for the Honda® GL1500 Goldwing**
- **MSRP USD \$438.27**

460SERIES



Countless miles and nearly two years of development time have resulted in the ultimate suspension upgrade for the modern Gold Wing. Designed to not only improve the ride and handling of the GL1800, but also integrates the original equipment electronic preload adjustment system.

The 460 Series is constructed using a durable steel body and hard chrome shaft to reduce wear. Internals include a nitrogen charged damper, which eliminates cavitation and an o-ring backed piston for smooth and consistent movement. Naturally, the spring is a progressive rate unit and designed specifically for the needs of the Gold Wing. High end suspension is always adjustable to suit each unique rider and the 460 is exactly that. Two pre-load ranges allow for varied loading without impacting suspension performance and 16 positions of rebound adjustment allow the shock to be perfectly tuned to the riders needs. A simple tool, included with the shock allows for easy rebound changes.



- Improved Damping
- Progressive Spring Rate
- Adjustable Rebound Damping
- Accepts Stock Preload Adjusting System
- Steel Mono Tube Shock
- Dual O-ring backed piston ring
- Retrofit Spring also available for stock damper

- 460 Series Shock MSRP USD \$622.¹²
- 460 Series Spring Only MSRP USD \$97.80



Forget everything you know about lowering motorcycle front ends, Progressive Suspension has just completely changed the game! Our new for 2009 DROP-IN fork Lowering Kits have transformed a once messy, and time consuming install into a 30 minute cake walk. Pull up to two inches out of the front end of your bike without the hassle of disassembling the forks, pulling the wheel or even changing out the oil and the whole process can be done with basic tools. Shorter springs and Progressive's new secondary compensator spring make short work of the formerly complicated act of lowering your front end

- **Simple DROP-IN™ Installation!**
- **Up to 2" of Height Adjustment**
- **No Special Tools Required**
- **MSRP USD \$129.95**

**NEW
2009**

* WARNING! Installing a lowering kit WILL decrease initial ground clearance. The motorcycle will be lower to the ground and care should be taken to avoid bottoming, especially over bumps or in turns. To maintain proper balanced geometry, we recommend lowering the motorcycle in the rear the same amount as the front.

DROP IN™

Fork Lowering System

 **PROGRESSIVE**
suspension



Springs shown
painted for
demonstration
purposes only



FORKSPRINGS



The 'Original' Progressive Rate Fork Springs soak up the small road bumps, yet are firm enough to absorb the molar-rattling ones. Spring rates have been chosen to reduce front end "dive" during braking, yet still provide excellent ride comfort. Better yet, we warranty our fork springs for life!

Progressive Rate Fork Springs have several advantages over straight rate springs. A straight rate spring only offers linear resistance to compression and is a compromise. For example, if you have a 20lb straight rate spring, it will take 20lbs of force to compress the spring one inch. It will take 20 more lbs of force to compress it the next inch, and so on, until the end of the travel. A Progressive Rate Spring has the advantage of a rising rate resistance to compression.

For example, a 15lb - 25lb Progressive Rate Spring will take 15lbs to compress it the first inch, 17lbs the next inch, and so on, until the end of the travel, taking 25lbs to compress it the last inch. The benefit of this is that the spring can be soft enough at the start of the travel to offer a "plush" ride, yet be firm enough at the end of the travel to soak up the big bumps.

- Progressive Rate
- High quality chrome silicon wire
- Precision-wound
- Lifetime warranty
- MSRP FROM USD \$92.⁹⁵

FORKSPRINGS LOWERED



Available for most models. These kits, when combined with shorter than stock rear shocks, will give you that low, custom look. Our Cruise Control kits come complete with our famous Progressive rate Fork Springs, spacers, and instructions.*

* WARNING! Installing a lowering kit WILL decrease initial ground clearance. The motorcycle will be lower to the ground and care should be taken to avoid bottoming, especially over bumps or in turns. To maintain proper balanced geometry, we recommend lowering the motorcycle in the rear the same amount as the front.

- **Progressive Rate**
- **Kit includes 1" Lower and 2" Lower Components**
- **High quality chrome silicon wire**
- **Precision wound**
- **Lifetime warranty**
- **MSRP USD \$118.95**



SUSPENSION ACCESSORIES



MINI GAUGE PUMPS

A handy source of air pressure for adjusting pressure in your forks and air shocks. Comes complete with flexible hose and integral gauge

GP3-30 • 0-30psi

GP3-60 • 0-60psi

GP3-100 • 0-100psi

GP3-300 • 0-300psi



DAMPER RODS

31-5053 - Designed for most 39mm forks (See applications) To complement our fork springs and further improve your suspension, install these special damper rods, engineered for superior damping performance over the stock units.

SOFTAIL® LOWERING KIT

30-5046C ('89-'99, Chrome)

30-5048C ('00-'09, Chrome)*

Slam it! Economical lowering Kits available for all Softails

'00 - '09 (shown)



*Except 07 FXSTD Deuce
05-09 FLSTN Deluxe

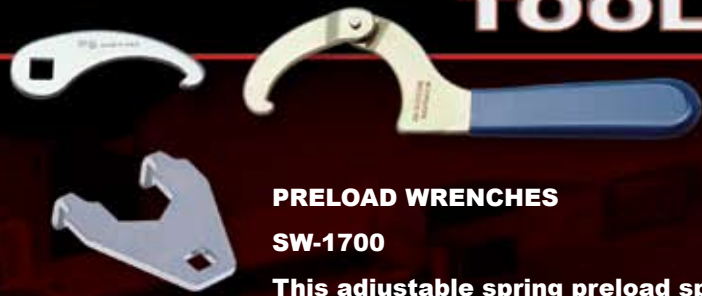
SUSPENSION TOOLS



STANDARD SHOCK TOOL
32-5508 Fits many single and twin shocks. Takes the hassle out of changing springs.

SPRING COMPRESSOR
32-5507
Assembly/Disassembly tool for Softails.

SPRING COMPRESSOR
32-5509
Assembly/Disassembly tool for GoldWing Shocks



PRELOAD WRENCHES
SW-1700
This adjustable spring preload spanner fits most adjusters found on single shocks.

SW-783
Compact size & 3/8" drive

SW-784
For use with a 3/8" ratchet. Works on any OE or Progressive Softail shock. Advantages: Used with a ratchet, easier to use than the stock OEM tool (and inexpensive too!)

SAFETY WIRE STARTER KIT
SWW-400 • (Shown below)
SWW-401 • Safety wire and winder only.
SWW-506 • Washers only, 6mm (18 pieces)
SWW-508 • Washers only, 8mm (18 pieces)
SWW-510 • Washers only, 10mm (18 pieces)
Kit uses stainless washers and wire to make safety wiring a "no-drilling" operation.

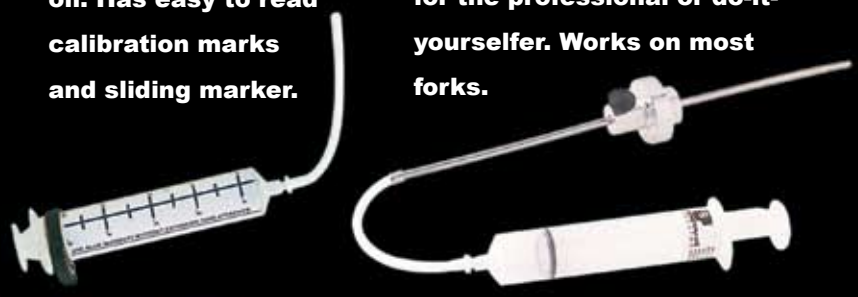
We've always believed that although high performance suspension can seem complex, installation and maintenance should not be. In many cases the final installation onto your bike can be done by a competent garage mechanic. With that in mind, we have developed a series of tools to make that process even easier.



SAFETY WIRE
SW-360 .032in
SW-361 .025in (shown)
The finest stainless steel safety wire available.
Comes in 1lb cans

FOL-1
Allows you to make accurate fluid level adjustments to your fork oil. Has easy to read calibration marks and sliding marker.

FOL-2
This tool is the quickest and most accurate way to set the oil in each fork leg. Designed for the professional or do-it-yourselfer. Works on most forks.



TIRE REPAIR KITS



TIRE REPAIR KITS

TRK-5

The new TRK-5 comes with a huge 68 gram CO2 cartridge (standard on our other kits is a 12 gram cartridge). The 68 gram cartridge (RC-004) is over 5x bigger than the standard cartridges allowing for quick tire refills on ATV tires as well as those huge wide tires now found on many street bikes.

TRK-2

The TRK-2 comes complete with both plugs and patches for tube and tubeless type tires. All this enclosed in a durable nylon pouch.



TIRE REPAIR KITS

TRC-2 for tube type tires

TRCL-2 for tubeless tires

Compact kit in rigid plastic box. Comes complete with patches or plugs, glue, adapter hose and CO2 cartridges.

TRK-2 Kit

TRK-5 Kit

TIRE REPAIR REFILLS

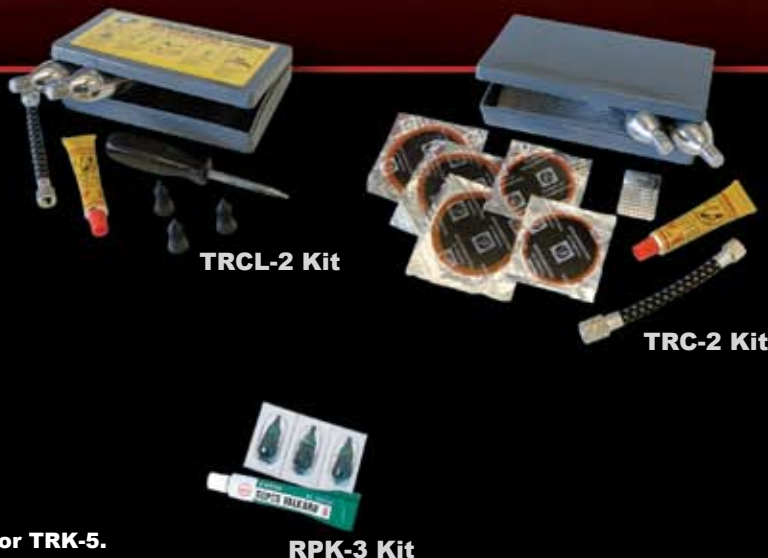
RPT-1 (Not shown) Replacement patches.

RC-2 (Not shown) Threaded CO2 cartridges - 16g

RCN-3 (Not shown) Non-threaded CO2 cartridges - 12g

RC-004 (Not shown) Replacement 68g CO2 cartridges for TRK-5.

RPK-3 (Shown at right) Replacement plugs and cement.



TRCL-2 Kit

TRC-2 Kit

RPK-3 Kit

WHERE DO I BUY?

www.progressivesuspension.com

For detailed application info, as well as a complete listing of everything we make for your bike, check out the Progressive Suspension site and select **PRODUCT SEARCH**. In addition to High performance motorcycle suspension Progressive also builds shocks for the ATV and UTV markets and detailed information for all of the above is also available on the site.



Add-On Incorporated
Biker's Choice
Custom Chrome
Drag Specialties
Highlifter (ATV)
Lockhart Phillips Motorsports Group
Kustomwerks
Mid-USA
Motorcycle Stuff
Parts Unlimited
Rivera
Southern Motorcycle Supply (Accessories only)
Tucker Rocky
Van Leeuwen Enterprises
Western Power Sports



Full Bore Marketing
Kimpex
Mid USA
Motovan
Parts Canada



MAG Europe (England)



Cassons (Australia)



Custom Chrome Europe (Germany)
W&W Cycles (Germany)



Northern Accessories LTD. (New Zealand)



Zodiac (Netherlands)



Plot (Japan)



Roffes Motordelar AB (Sweden)
MAG Europe (Sweden)



Power Motorcycle Specialists (Hong Kong)

Progressive world wide sales and service partners are here to help you find the perfect product for you or your customer. Progressive Distributors can be found in North America including Canada, Europe, Asia and the Pacific Rim, Australia and New Zealand. Please navigate to the Progressive Website, www.progressivesuspension.com, for distributor contact information. Please contact your local dealer for product sales and availability information.

Harley Davidson is a registered Trademark of the Harley Davidson Motor Company Inc., Milwaukee, WI. Progressive Suspension is not affiliated with Harley Davidson® or any other motorcycle manufacturer.

Copyright © 2009 Progressive Suspension Incorporated



Ride More.



6900 Marlin Circle, La Palma, CA 90623 - USA

Literature - 877.690.7411

Warranty / Techline - 714.523.8700

Fax - 714.523.3220

<http://www.progressivesuspension.com>