

# PROGRESSIVE<sup>®</sup> suspension

**Progressive Suspension**, long established as the leader in ride control products for the motorcycle industry, develops technology to match the needs of you the riding enthusiast. The rising rate resistances offered by their products allow a "plush" ride; becoming progressively firmer to soak up the big hits! Motorcycle suspension has come a long way, but there isn't a motorcycle out there that wouldn't benefit greatly from a Progressive Suspension upgrade.

SUSPENSION

## 444 SERIES SHOCK



**Coming Soon!**

**FREQUENCY  
SENSING  
TECHNOLOGY**

- Completely New design, utilizing Frequency Sensing Technology
- Dynamically adjusts damping as you ride using multiple circuits
- Chrome or Black
- Hand Adjustable Preload
- Standard & HD Spring Rates
- Lifetime Limited Warranty

## 970 SERIES SHOCK

The built-in-the-USA 970 Series shocks combine a high pressure gas monotube design with deflective disc damping routed through two unique circuits and adjustable for compression damping via an easily accessible knob.

- High Pressure Gas Monotube
- Threaded Preload Adjuster
- Deflective Disc Damping
- Hard Anodized Internal Coating
- Adjustable Compression Damping
- Limited Lifetime Warranty and Re-buildable
- Dyna & XR1200 Applications



## 970 SERIES SHOCK APPLICATIONS

Model	Year	12.5"
<b>HARLEY DAVIDSON- DYNA MODELS</b>		
FXD	06-10	970-1001
FXD/B/C	91-92	970-1001
FXD/C	95-05	970-1001 +
FXD35	2006	970-1001 +
FXDB	06-12	970-1001
FXDC	06-09	970-1001 +
FXDC	10-12	970-1001
FXDF	08-12	970-1001
FXDL	93-00	970-1001 +
FXDL	01-11	970-1001
FXDS-Conv.	94-00	970-1001
FXDWG	93-05	970-1001 +
FXDWG	06-08	970-1001 +
FXDWG	10-12	970-1001
FXDX	1999	970-1001

Model	Year	12"	13"
<b>HARLEY DAVIDSON - SPORTSTER MODELS</b>			
XL 883C/1200C	04-10	970-1005	970-1006
XL 1200L	06-11	970-1005	970-1006
XL 1200N	07-12	970-1005	970-1006
XL 1200R	04-09	970-1005	970-1006+
XL 1200X (48)	10-12	970-1005	970-1006
XL 50	2007	970-1005	970-1006
XL 883	04-09	970-1005	970-1006+
XL 883L	05-12	970-1005	970-1006
XL 883N	09-12	970-1005	970-1006
XL 883R	06-11	970-1005	970-1006+

Model	Year	14"	15"	16"
<b>HARLEY DAVIDSON - XR1200</b>				
XR1200	08-11	970-1002 +	970-1004	970-1003

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## 940 SERIES SHOCK



The 940 series combines a progressive rate main spring with a flat wire compensator spring that compresses under the weight of the bike, but readily extends when needed to allow for full droop travel. The result is a bike with a1' lowered height that rides better than a stocker!

- I.A.S. (Inertia Active System) separates wheel movement from chassis movement
- High Pressure Gas Charged for consistent damping performance
- Progressive Rate Main springs specifically designed for touring
- Limited Lifetime warranty on I.A.S. Dampers
- Delivers the same ride height as 12" shocks, while retaining the full drop travel of 13" shocks

## 422 SERIES SHOCK

The 422 Shock system for the Softail style chassis is exclusively available as an adjustable ride height version (1989 thru 2012 Softail Applications). 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. Now available in a heavy duty version for fully loaded Softails.

- Chrome Plated
- 2 Inches of ride height adjustment
- Preload Adjustable
- Dual coil shock System
- High Pressure Gas Charged Monotube for consistent damping performance
- Now available in Heavy Duty Applications



The new 422 Series with **Remote Adjustable Preload (RAP)** has all the features of the original 422 Softail Shock. But, the new RAP system allows for easy adjustment without having to break out the tools and get dirty.

- RAP System allows for easy adjustment
- New Heavy Duty Springs
- Height Adjustable
- Preload adjustable
- 89 thru 2012 Softail Applications



422 series with RAP

**Slam it!**  
**Softail Lowering Kits**  
Available for all Years

PART#S	Year	MFR#
	'89-99	30-5046C
	'00-11	30-5048C*
*Except 07 FXSTD, 05-10 FLSTN, 09-10 FLSTB, 2010 FLSTB & 2010 FLSTSE		



## SOFTAIL SHOCK TOOLS

### Softail Preload Adjustment Wrench

- Use with 3/8" ratchet.
- Works on any OE or Progressive Softail shock.



Softail Spring Compressor Tool

PART#S	MFR#	VL#	RETAIL
	<b>SPRING COMPRESSOR</b>		
	32-5507	44-5507	\$82.35
	<b>PRELOAD ADJUSTMENT WRENCH</b>		
	SW-784	44-9011	\$10.25





## 722 AIRTAIL

By combining state of the art Dampers with dual air chambers, Progressive Suspension has created the ultimate rear suspension for Softail models. The Airtail is the result of year of R&D and represents the pinnacle of high performance and tunable Suspension. Utilizing both a coil and air shock allows the Airtail 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.

- Integrated Air & Coil Shock
- Independent Firmness & Height Adjustments
- High Pressure Gas Charged monotube for consistent damping performance
- Softail Applications 1989 thru 2012
- Compressor Kits Sold Separately



**Airtail**  
PROGRESSIVE  
SUSPENSION

### 722 AirTail for Softail

Harley Davidson FXST/FLST/FXSTS/FLSTS 1989-1999

722-1001 Air Tail Shocks

30-5100 Compressor & Control Kit

### Harley Davidson FLST/FLSTSB/FXST/FXSTS/FLSTS 2000-2012

722-1002 Air Tail Shocks

30-5101 Compressor & Control Kit

*note: see main apps chart for model exceptions and exclusions*

## 716 AIR DRAGGER SHOCK



### 716 Air Dragger for HD Touring Models

Harley Davidson FLH/FLT/FLHR 1980-2012

716-1001C Air Dragger Shocks

30-5300 Compressor Kit

*note: see main apps chart for model exceptions and exclusions*

The 716 Air Dragger shock combines a machined aluminum air chamber, velocity sensitive, multi-stage valving and an internal progressive rate coil spring. The clean and simple, full chrome body mounts to all late model touring bikes and is powered by a clever compressor unit that simply mounts into the back of a saddlebag. Effortless installation, up to 2.5" of on-the-fly height adjustment and an economical price is a hard to beat combination. The AirDragger Compressor mounts in the rear most void of your left saddlebag. A single airline and power are then plumbed in and both include quick releases to allow easy removal of the bag.

- Chrome Air Chamber
- Multi-stage velocity Sensitive Damper
- Unique internal bumper, cushions and even the hardest hits
- Up to 2.5" of height Adjustment on most Touring models
- Optional Easy to Install Compressor allows on-the-fly adjustment

## MONOTUBE KIT

Monotube Fork Kit converts dual Damper rod, and Damper rod / cartridge forks to true high performance Monotube Cartridge Forks. The kit contains a pair of high performance, Gas charged Mono-tube fork cartridges complete with a set of Progressive's famous fork springs.

- Improved Resistance to front brake dive
- Improved front end stability and cornering
- Improved bottoming control
- The Very Best in HD Touring & Softail performance
- Limited Lifetime Warranty



Model	Year	Stock Length	Lowered
<b>HARLEY DAVIDSON</b>			
FLH/FLT (5 Speed)	1984-1996	31-2508 +	31-2509
FLH/FLT (5 Speed)	1997-2001	31-2500 +	31-2501
FLH/FLT (All - except Tri-Glide)	2006-2012	31-2500 +	31-2501
FLH/FLT (not Road King)	2002-2005	31-2500 +	31-2501
FLHR Road King (Only)	2002-2005	31-2500 +	31-2501
FLST	2000-2012	31-2502 +	31-2504
FXDWG	2000-2005	31-2505	
FXST	2000-2011	31-2503 +	31-2505
Tri Glide	All	31-2510+	

## 416 SERIES SHOCK

- Machined Aluminum air chamber for perfect sealing surfaces
- Tuned Specifically for Harley Tri Glide
- Velocity sensitive, multi-stage valving
- Standard air fitting adapts to existing plumbing
- MCU bumper and an internal progressive rate coil spring
- Improved ride height to reduce dragging, increased ride comfort



*For Pricing and Van Leeuwen Part #'s see page 235-237*

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## 413 SERIES SHOCK

Special length shocks for XL Series Dirt Trackers

- Freedom cell for fade-free damping
- Double-walled construction for extra durability
- Hard Chromed precision ground shock shaft
- 5-postion adjustable pre-load



PART#s	Model	Year	15"	15.75"
	xlh 883/1200	'88-93	413-4039B	413-4040B
	xlh 883/1200 std. dlx	'94-95	413-4039B	413-4040B
	xlh 883/1200 std. dlx	'96-03	413-4039B	413-4040B

## SHOCK LIGHTS

Designed to bolt onto the PS 812 and 412 Series shocks, the Shock Lights can be wired into brake or turn signal systems. Chromed aluminum caps features hidden hardware and an integrated LED that blends nicely into the cap until the super bright LED's are activated. Kit includes load balancer, two Shocks Lights and required hardware.



PART#s	Model	Year	VL #
	<b>HARLEY DAVIDSON</b>		
	FL-FLH	73- 77	30-6001
	FL-FLH (4 Speed)	78- 86	30-6001
	FLH/FLT (5 Speed)	97- 01	30-6001
	FLH/FLT (All - except Tri-Glide)	06- 12	30-6001
	FLH/FLT (not Road King)	02- 05	30-6001
	FX	73- 86	30-6001
	FXD	06- 10	30-6000
	FXD/B/C	91- 92	30-6000
	FXD/C	95- 05	30-6000
	FXD35	06- 06	30-6000
	FXDB	06- 12	30-6000
	FXDC	06- 12	30-6000
	FXDF	08- 12	30-6000
	FXDL	93- 11	30-6000
	FXDS-Conv.	94- 00	30-6000

PART#s	Model	Year	VL #
	FXDWG	93- 05	30-6000
	FXDWG	06- 08	30-6000
	FXDWG	10- 12	30-6000
	FXDX	99- 99	30-6000
	XL 883C/1200C	04- 10	30-6001
	XL, XLH 883/1200C/Hug	92- 03	30-6001
	XL1200L	06- 11	30-6001
	XL1200R	04- 09	30-6001
	XL50 (Anniversary)	07- 07	30-6001
	XL883	04- 09	30-6001
	XL883L	05- 12	30-6001
	XL883R	06- 11	30-6001
	XLH 883 Hugger	91- 91	30-6001
	XLH 883/1200 Std. Dlx	94- 03	30-6001
	XR1200	08- 10	30-6001

## TOURING LINK

The Touring Link Chassis Stabilizer is inexpensive and easy to install solution to handling challenges inherent in touring models. Compact design does not hang below the frame or impede ground clearance. Motro/ swingarm assembly stays aligned with chassis while avoiding the introduction of unnecessary vibration to the rider.

- Simple to install
- Forged Steel Construction
- 1993 thru 2012 HD Touring Models
- Does not impact Ground Clearance
- Precision Rod End Bearings



PART#s	VL#	Description
	30-2000	1993 thru 2008 HD Touring Models
	30-2001	09-Newer HD Touring Models

## 465 SERIES SHOCK

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 and completely optimized for each bike, from the damping and spring rate all the way down to the jounce bumper.

- High Pressure Gas Monotube – Ultimate Performance
- 5 Piston rebound adjuster – adjust to changing conditions and riding styles
- Threaded body allows for fine adjustment in sag
- Aluminum body/Components – Lightweight & Stylish
- Hard Anodized finish – Durable and corrosion resistant
- Also available for long swingarm Sport Bikes
- Re-buildable Damper
- Stock as well as 1" Lower Versions



The 465 Series with **Remote Adjustable Preload (RAP)** allows for easy tuning of the ride height and suspension sag with a simple turn of the RAP machined aluminum knob. Utilizing a hydraulic preload adjuster, the RAP system is buttery smooth and allows quick adjustment for changing loads, passenger and terrain. (Includes required brackets where applicable)

- All of the features of the Standard 465 Series monoshock
- Plus the new R.A.P. system (Remote Adjustable Preload)
- Easily tuned to your weight and riding style
- Applications for most popular monoshock bikes including Road Star, KLR650, and V-Strom



456 series with RAP

For Pricing and Van Leeuwen Part #'s see page 235-237