

ADVANCED SUSPENSION TECHNOLOGY

ÖHLINS PRODUCTS **FOR HARLEY-DAVIDSON** 2017

HISTORY

Ever since the company was founded in 1976, Öhlins has represented the very pinnacle of suspension technology and firmly rooted itself as an intricate part of the motorsport industry, underpinning countless world titles. That very technology has subsequently been adopted not only as the gold standard of aftermarket suspension, but is also by car and motorcycle manufacturers around the world.

Back in the 1960's, Kenth Öhlin was an up-and-coming motocross rider and showed an innate talent for mechanics. He knew how to bring the best out of his material and soon he saw himself engaged in modifying his competitor's bikes. By the time he started his business he had already designed exhaust pipes, engines and – of course – shock absorbers.

Öhlins soon became synonymous with advanced suspension. The products were not only superior in terms of technology, but as Mr. Öhlin was, and is, a very meticulous man the quality was always outstanding. The first world championship was won already in 1978, as Russian Gennady Moiseev took the 250cc title on an Öhlins equipped KTM. Since then, more than another 300 world titles have followed. The success continued in road racing and soon also in the automotive segment, in racing as well as in rally, all adding to the motorsport pedigree. But don't think that Öhlins was content, not for a minute. The company continued to grow, adding electronically controlled, semi-active suspension to its portfolio under the trademark CES. Today, this technology has revolutionized the car industry and can be found in a wide range of products from premium car manufacturers.

In the 1980's, Öhlins' achievements got the attention of industrial giants and in 1987, Öhlins was acquired by Yamaha. Under the Japanese ownership, Öhlins had the necessary financial stability to develop into a dominating player in the industry. Twenty years later, Öhlins was considered better off on its own legs and Kenth Öhlin regained the company he once had started.







PRODUCT OVERVIEW 2017 THE CHOICE FOR YOU

Tailor made for you! We have the perfect part for your bike, delivering outstanding performance at a competitive price. Öhlins manufactures more than 300 different shock absorber models, every one uniquely fitted to your bike and suited to fit without interfering. We make sure that the product behaves the way it should, through the design of the shim stacks and valves as well as the calibration of the adjusters. This is no guesswork. We try the settings out, in real life, and adjust them until everything works perfect for each and every specific model. Then we assemble the products with utmost precision to ensure superior control of the damping force. That is the key to our success.



OHLINS.COM

SHOCK ABSORBERS



STX 36 P BLACKLINE SHOCK ABSORBER

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Don't let the subtle styling fool you! The STX 36 P Blackline shock absorbers deliver well known Öhlins damping performance and quality. With a selection of spring rates, compression, rebound and preload adjustment you can fine tune these shocks to suit your riding style. From cruising mountain roads to being playful on the throttle the STX 36 P Blackline shocks are developed for Harley-Davidson riders wanting nothing but perfect ride characteristics.

FEATURES

- > STX-technology
- > Piggyback gas pressurized reservoir
- > Adjustable compression and rebound damping
- > Optional length adjustability
- > Fully serviceable
- > Tested and tailor-made to suit each application



STX 36 DR1L BLACKLINE SHOCK ABSORBER

For those who want the Blackline shocks but with a more the classic look the STX 36 DR1L Blackline is the answer. This is achieved by integrating the gas reservoir with the shocks main body for a slim design, while retaining all the Öhlins damping qualities. Adjustable rebound damping allows you to tune the shock to your liking, while rear height can be altered with the length adjuster. No matter where the road takes you, the STX 36 DR1L Blackline provides comfort, style and performance to your Harley-Davidson.

FEATURES

- > STX-technology
- > Integrated gas pressurized reservoir
- > Adjustable rebound damping
- > Length adjustable
- > Fully serviceable
- > Tested and tailor-made to suit each application





STX 36 D BLACKLINE SHOCK ABSORBER

The STX 36 D Blackline shock absorber is the simplest shock in the Blackline range. It comes with the STX technology and is constructed to give you maximum comfort on long rides. It is an easy to set up shock without the confusing adjusters. Retaining all the Öhlins damping qualities the STX 36 D provides increased traction and safety for your Harley-Davidson in all conditions.

FEATURES

- > STX-technology
- > Integrated gas pressurized reservoir
- > Fully serviceable
- > Tested and tailor-made to suit each application



STX 36 D SHOCK ABSORBER

Developed for bikes with twin shock absorbers, the Öhlins STX 36 is a classic monotube design, featuring all the classical Öhlins qualities delivering top notch performance for your street bike. Available in emulsion, piggyback or hose versions, depending on application, it can also be specified with a number of different damping adjustment options with or without length adjustment.

Suitable for any application from cruisers to café racers, the STX 36 shocks are one of Öhlins most successful designs of all times.

FEATURES

> STX-technology

- > Well proven monotube design
- > Emulsion, dividing piston, piggyback or hose type gas pressurized system
- > Each application tested and tailor made to suit
- > Designed for comfort and rideability on cruisers
- > Wide range of spring rates are available
- Optional black, yellow and chrome springs are
- available to most models









NIX 22 CARTRIDGE KIT

Imagine – riding your Harley-Davidson down the country road with improved comfort, control and performance of Öhlins suspension. The Öhlins NIX22-Series cartridge kit extends Öhlins advanced suspension technology to the popular line of Harley-Davidson Sportster and Dyna models.

The high end front fork cartridge damping system vastly improves performance, comfort and vehicle control for the Harley-Davidson front forks. Designed with proven Öhlins NIX technology, each fork leg features 8 mm steel piston shaft, an aluminum damper tube and 22 mm pistons. To maximize damping performance in the available confines of a fork leg, compression and rebound damping are separated between the legs. Just install and enjoy! Of course, optional fork spring rates are available for individual rider weights, preferences and use of the bike. Whatever your needs are, you'll be surprised by how your bike can be transformed.

FEATURES

- > NIX-technology
- > External compression & rebound adjustment
- > 22 mm piston diameter
- > 8 mm piston shaft
- > Range of fork springs available
- > Improved feel, control and comfort
- > Easy to install



FKC 101 CARTRIDGE KIT

Imagine – the heart and soul of a Harley-Davidson with the comfort and rider control of Öhlins suspension. This is now a reality! The Öhlins FKC 101 cartridge kit introduces Öhlins advanced suspension technology to the front forks of the popular line of Harley-Davidson FLH/FLT Touring Baggers.

The high-end front fork cartridge damping system vastly improves performance, comfort and vehicle control for the Harley-Davidson front forks. Designed with proven Öhlins NIX technology, each fork leg features an 8 mm steel piston shaft, an aluminum damper tube and 25mm pistons. To maximize damping performance in the available confines of a fork leg, compression and rebound damping are separated between the legs. We also did away with the hassle of external adjusters. Just install and enjoy! Of course, optional spring rates are available for individual rider weights, preferences and use of the bike. Whatever your needs are, you'll be surprised by how your bike can be transformed.

FEATURES

MANNA

BARAPAR

- > NIX-technology
- > 25 mm pistons
- > Aluminum damping tubes
- > Improved feel, control and comfort
- > Easy to install
- > Range of fork springs available





WWWW

FKC 102 CARTRIDGE KIT

Imagine – the heart and soul of a Harley-Davidson with the comfort and rider control of Öhlins suspension. This is now a reality! The Öhlins FKC 102 cartridge kit introduces Öhlins advanced suspension technology to the front forks of the popular line of Harley-Davidson FLH/FLT Touring Baggers.

The high-end front fork cartridge damping system vastly improves performance, comfort and vehicle control for the Harley-Davidson front forks. Designed with proven Öhlins NIX technology, each fork leg features an 8 mm steel piston shaft, an aluminum damper tube and 25mm pistons. To maximize damping performance in the available confines of a fork leg, compression and rebound damping are separated between the legs. We also did away with the hassle of external adjusters. Just install and enjoy! Of course, optional spring rates are available for individual rider weights, preferences and use of the bike. Whatever your needs are, you'll be surprised by how your bike can be transformed.

FEATURES

- > NIX-technology
- > 25 mm pistons
- > Aluminum damping tubes
- > Improved feel, control and comfort
- > Easy to install
- > Range of fork springs available





Öhlins offer a 43 mm conventional universal fork to any custom bike builder that wants to give the bike supreme suspension performance. With the Retro 43 you also get the familiar Öhlins Racing design in Black or the well-known Öhlins Gold version.

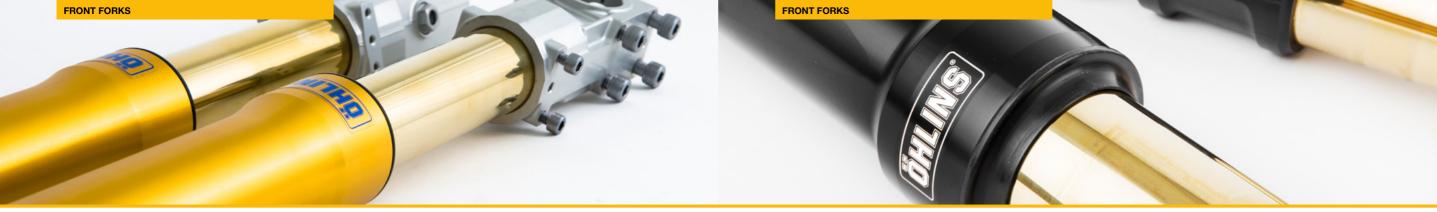
Inside the fork we use the well proven and known NIX technology which features compression damping in the left leg and rebound damping in the right leg. This allows for stable damping characteristics due to positive pressure build up and a more precise adjustment, since the separated circuits don't affect each other. You'll find adjustment for compression, rebound and spring preload easily accessible at the top caps. This fork delivers stable characteristics while ensuring great bump absorption to give the rider a smooth and comfortable ride. The fork bottoms are delivered without brake caliper and fender mountings, this enables the fork to be easily adapted to various models by the bike builder.

FEATURES

- > NIX-technology
- > Stroke 130 mm, length 800 mm
- > Triple clamp diam. 43 mm
- > Wheel axle 32 mm
- > Spring rate 9,5 N/mm. Range of optional spring rates available
- > Fully adjustable
- > Setting can be changed via Öhlins Service Centres

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NEW!



UNIVERSAL USD 43 FRONT FORK

For naked bikes, Öhlins offer a range of front fork options. For custom builds, the fully adjustable FG324 and FG424 feature the signature Öhlins separate compression and rebound damping as well as adjustable spring preload, easily tuned for your specific requirements. The front fork offer complete control and race proven performance for your bike.

FEATURES

- > Stroke 120 mm
- > Length 800 mm
- > Top clamp diam. 50 mm
- > Lower clamp diam. 54 mm
- > Wheel axle 32 mm
- > Spring rate 8,5 N/mm
- > Fully adjustable
- > Setting can be changed with help from Öhlins
- Service Centers

FGRT 300 FRONT FORK

An unique 48 mm front fork that originally was developed for the Ducati Diavel and has been a popular front fork option for custom builders.

Performance in spaces from the latest Öhlins NIX 30 technology matches the aggressive and beefy looks. Based on the Road & Track front fork compression and rebound is easily adjustable with rebound in one leg and compression in the other. Spring preload adjustment is done from the top cap.

This front fork does not only improve the looks but also delivers performance that improves the handling of any bike with improvements in tire feel, brake support and general handling. It is available in a black color scheme but don't worry, it's still the original gold inside!

FEATURES

> NIX-technology

- Compression and rebound adjustable, with rebound in one leg and compression in the other
 Spring compression adjustments in the top cap
- > Weight and stress optimized fork bottom design







Öhlins merchandise range is designed to keep you stylish, comfortable, functional and durable. Designed and tested by Öhlins crew to visualize our values and heritage, our range fits all who lives an active life in the saddle. Merchandise can be found through the Öhlins network.



Ö T-SHIRT

Part No: 11202-01 to -06 Size: XS - XXL



Ö PIQUE
Part No: 11205-01 to -06
Size: XS - XXL



Ö PIQUE

Part No: 11204-01 to -06 Size: XS - XXL



 Ö HOODIE

 Part No: 11206-01 to -06

 Size: XS - XXL



 Ö ZIP HOODIE

 Part No: 11207-01 to -06

 Size: XS - XXL



RETRO T-SHIRT

Part No: 11201-01 to -06 Size: XS - XXL

Ö T-SHIRT Part No: 11203-01 to -06 Size: XS - XXL





Ö BACKPACK Part No: 11216-01 Size: ONE SIZE



Ö BEANIE

Part No: 11210-01 Size: ONE SIZE



ÖHLINS LANYARD Part No: 11213-01 Size: ONE SIZE



Ö SNAPBACK CAP Part No: 11211-01 Size: ONE SIZE



ÖHLINS UMBRELLA Part No: 00021-01 Size: ONE SIZE



ÖHLINS WATCH Part No: 00097-01 Size: ONE SIZE

Part No: 00098-01 Size: ONE SIZE



ÖHLINS STICKERS 2017

Öhlins stickers range gives you the option to personalize your bike or shock. Stickers can be found through the Öhlins network.







Ö BLACK SMALL Part No: 11221-09

Size: 17 x 32 mm



ÖHLINS BLUE/YELLOW

Part No: 01196-02 Size: 74 x 28 mm



ÖHLINS BLACK/WHITE

Part No: 01196-01

Size: 74 x 28 mm



ÖHLINS BLUE/YELLOW MEDIUM
Part No: 11221-01
Size: 210 x 79 mm

ÖHLINS GAS SHOCKS SWEDEN

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GAS SHOCKS SWEDEN

TRANSPARENT BACKGROUND

ÖHLINS RETRO BLACK

Part No: 11221-04 **Size:** 63 x 47 mm

ÖHLINS RETRO WHITE
Part No: 11221-05
Size: 63 x 47 mm

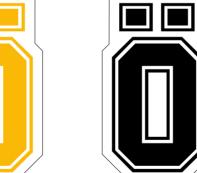


ÖHLINS BLACK/WHITE MEDIUM

Part No: 11221-02 Size: 210 x 79 mm



Ö YELLOW Part No: 11221-06 Size: 43 x 80 mm Ö BLACK Part No: 11221-07 Size: 43 x 80 mm



FORE MORE CONTACT INFORMATION PLEASE VISIT

Full information about which models Öhlins products are available for, please contact your local Öhlins Distributor.

AFRICA

MAURITIUS Ruben Racing Ltd SOUTH AFRICA VM Innovation Ltd

ASIA

CHINA Gusto Technik Performance Parts HONG KONG Power Motorcycles Specialist INDONESIA PT Madani Sentra Mulit Jasa JAPAN Carrozzeria Japan Co., Ltd MALAYSIA Trans Techno Enterprise S/B PHILIPPINES Access plus SINGAPORE Sporting Motors Pte Ltd SOUTH KOREA Neobis Int Co., Ltd THAILAND Öhlins Asia TAIWAN Capricore Trading Co. Ltd VIETNAM Dai Hoang Gia Spare Parts & Racing Parts Pte.

EUROPE

AUSTRIA Öhlins DTC BELGIUM Öhlins DTC CYPRUS Extra Products

CZECH REPUBLIC Öhlins DTC DENMARK F.I. Motorcykler A/S ESTONIA Larsen Kabanduse OÜ FINLAND MP-Racing Ov FRANCE PFP Racing **GERMANY** Öhlins DTC **GREECE** Extra Products HUNGARIA Öhlins DTC **IRELAND** Pro-Link Racing Services **ITALY** Andreani Group International s.r.l **LATVIA** Motofavorits LITHUANIA UAB Proracing Jiezno UAB Juta LUXEMBURG Öhlins DTC THE NETHERLANDS Öhlins DTC NORWAY Norsk Motor Import A.S. POLAND InterCars S.A. Fast Forward PORTUGAL Multimoto Motor Portugal, SA **ROMANIA** Öhlins DTC RUSSIA Pilot-Moto LLC Motorclub Vector LLC Gravis LLC Dialen Motorsport Master-Sport Ltd Probike LLC SPAIN Andreani MHS Ibérica. SL SWEDEN Motospeed AB SWITZERLAND Parts World **TURKEY** Endo Motors **UKRAINE** Suspension World Ukraine UNITED KINGDOM / ÖHLINS CENTRES BG Motorsport Ltd Crescent Motorcycle Co Ltd

FTR Suspension Harris Performance Prod. Ltd Kais Suspension Services Ltd Mick Gardner Racing MH Racing Services P&H Motorcycles

MIDDLE EAST

DUBAI Revolution Accessories Est. **ISRAEL** Lee-Gal Motorbikes Ltd.

NORTH & CENTRAL AMERICA

CANADA Öhlins USA Inc. MEXICO Impormotos S.A. USA Öhlins USA Inc.

PACIFIC AUSTRALIA Steve Cramer Products NEW ZEALAND Kiwi Suspension Solutions

SOUTH AMERICA

ARGENTINA Alpes Racing BRAZIL Pro Performance Parts CHILE Maquinarias TodoChile COLOMBIA Ruta 40 Ltda PARAGUAY Gotze Ingenieria S.A. PERU Cecchi Motorsports SAC



ÖHLINS PRODUCTS FOR HARLEY-DAVIDSON

MODEL	YEAR	PART NO	P. FAMILY	TYPE CODE	P/C	LENGTH	SPRING	NOTES
Dyna FXD	1991-16	HD 215	STX 36 Twin	S36PR1C1LB	33	340 +5/-5	21180-01 (B)	
Dyna FXD	1991-16	HD 216	STX 36 Twin	S36E	9	305	21180-01 (B)	
Dyna FXD	1991-16	HD 218	STX 36 Twin	S36K	21	305	03195-08 (C)	
Dyna FXD	1991-16	HD 219	STX 36 Twin	S36PR1C1LB	33	305 +10/-0	00281-66 (B)	
Dyna FXD	1991-16	HD 220	STX 36 Twin	S36E	9	340	21180-01 (B)	
Dyna FXD	1991-16	HD 616	STX 36 Twin	S36E	9	305	21210-23 (C)	
Dyna FXD	1991-16	HD 761	STX 36 Blackline	S36D	71	305mm / 12"	00281-66 (B)	
Dyna FXD	1991-16	HD 762	STX 36 Blackline	S36DR1L	72	305mm (+10mm) / 12" (+0.4")	00281-73 (B)	
Dyna FXD	1991-16	HD 763	STX 36 Blackline	S36PR1C1L	73	305mm (+10mm) / 12" (+0.4")	00281-73 (B)	
Dyna FXD	1991-16	HD 764	STX 36 Blackline	S36PR1C1L	73	336mm (+10mm) / 13.2" (+0.4")	21180-01 (B)	
Dyna FXD	1991-16	HD 816	STX 36 Twin	S36DR1L	16	325 +5/-5	21180-01 (B)	Springs rate 13N/mm included
Dyna FXD	1991-16	HD 817	STX 36 Twin	S36DR1	15	305	21180-01 (B)	Rec.springs 08419-10 not included.
Dyna Wide Glide FXDWG	2006-16	FKS 205	NIX 22 HD	Cartridge kit	12	851		
FL Touring (Motor Officer Special)	2012-13	HD 357	STX 36 Twin	S36HR1C1L	33	337,5 +0/-10	00281-68 (B)	
FL Touring (Road King, Street Glide etc)	1988-16	HD 538	STX 36 Twin	S36E	10	296	00360-06 (B)	
FL Touring (Road King, Street Glide etc)	1988-16	HD 539	STX 36 Twin	S36E	10	296	00380-06 (Y)	
FL Touring (Road King, Street Glide etc)	1988-16	HD 540	STX 36 Twin	S36E	10	296	21212-06 (C)	
FL Touring (Road King, Street Glide etc)	1990-16	HD 022	STX 36 Twin	S36E	9	329	00281-68 (B)	
FL Touring (Road King, Street Glide etc)	1990-16	HD 771	STX 36 Blackline	S36D	71	305mm / 12"	00360-06 (B)	
FL Touring (Road King, Street Glide etc)	1990-16	HD 772	STX 36 Blackline	S36DR1L	72	329mm (+5/-5mm) / 12.9" (+0.2-0.2")	00280-21 (B)	
FL Touring (Road King, Street Glide etc)	1990-16	HD 773	STX 36 Blackline	S36D	71	329mm / 12.9"	00281-68 (B)	
FL Touring (Road King, Street Glide etc)	1990-16	HD 774	STX 36 Blackline	S36DR1L	72	305mm (+10mm) / 12" (+0.4")	00280-21(B)	
FL Touring (Road King, Street Glide etc)	1995-16	HD 159	STX 36 Twin	S36DR1L	16	329 +5/-5	00280-21 (B)	
FL Touring (Road King, Street Glide etc)	1997-13	FKC 101	FKC 100	25mm Cart. Kit NIX	12	677	×	Rec.springs 08419-10 not included. Optional Lowering kit (-25mm) 08865-01
FL Touring (Road King, Street Glide etc)	2006-16	HD 039	STX 36 Twin	S36E	9	311	00280-21 (B)	
FL Touring (Road King, Street Glide etc)	2014-16	FKC 102	FKC 100	25mm Cart. Kit NIX	12	736	Sold separately, see notes.	Rec.springs 08866-01 10N/mm not included. Optional lowering kit (-25mm) 08866-03. Will not fit Road King CVO 2014 or Electra Glide Low 2016.
Sportster XL1200N Nightster	2007-16	FKS 206	NIX 22 HD	Cartridge kit	12	752		Spring series 08428-xx, 08428-80 recommended
Sportster XL1200X Forty-Eight	2007-15	FKS 206	NIX 22 HD	Cartridge kit	12	752		Spring series 08428-xx, 08428-80 recommende

* Delivered without spring, must be ordered separately. (B) = Black spring, (C) = Chrome spring, (Y) = Yellow spring

MODEL	YEAR	PART NO	P. FAMILY	TYPE CODE	P/C	LENGTH	SPRING	NOTES
VRSC V-Rod	2002-16	HD 781	STX 36 Blackline	S36DR1L	72	325mm (+5/-5mm) / 12.8" (+0.2-0.2")	00181-05 (B)	
VRSC V-Rod	2002-16	HD 928	STX 36 Twin	S36DR1L	16	318 +10/-0	00181-05 (B)	
XL Sportster	2004-16	HD 141	STX 36 Twin	S36PL	16	336 +10/-0	00480-02 (B)	
XL Sportster	2004-16	HD 142	STX 36 Twin	S36PL	16	360 +10/-0	00480-01 (B)	
XL Sportster	2004-16	HD 143	STX 36 Twin	S36PR1C1LB	33	336 +10/-0	00380-04 (Y)	
XL Sportster	2004-2016	HD 144	STX 36 Twin	S36PR1C1LB	33	360 +10/-0	00480-11 (Y)	
XL Sportster	2004-2016	HD 145E	STX 36 Twin	S36E	9	296	00360-04 (B)	
XL Sportster	2004-2016	HD 146	STX 36 Twin	S36E	9	360.5	00480-01 (B)	
XL Sportster	2004-2016	HD 645	STX 36 Twin	S36E	9	296	00380-04 (Y)	
XL Sportster	2004-2016	HD 716	STX 36 Twin	S36E	9	338	21211-02 (C)	
XL Sportster	2004-2016	HD 745	STX 36 Twin	S36E	9	296	21212-04 (C)	
XL Sportster	2004-2016	HD 751	STX 36 Blackline	S36D	71	296mm / 11.6"	00281-72 (B)	
XL Sportster	2004-2016	HD 752	STX 36 Blackline	S36PR1C1L	73	296mm (+10mm) / 11.6" (+0.4")	00281-72 (B)	
XL Sportster	2004-2016	HD 753	STX 36 Blackline	S36DR1L	72	336mm (+10mm) / 13.2" (+0.4")	00480-02 (B)	
XL Sportster	2004-2016	HD 754	STX 36 Blackline	S36E	70	338mm / 13.3"	00480-02 (B)	
XL Sportster	2004-2016	HD 755	STX 36 Blackline	S36D	71	361mm / 14.2"	00480-01 (B)	
XL Sportster	2004-2016	HD 756	STX 36 Blackline	S36PR1C1L	73	336mm (+10mm) / 13.2" (+0.4")	00480-02 (B)	
XL Sportster	2004-2016	HD 757	STX 36 Blackline	S36D	71	279mm / 10.9"	00280-21 (B)	
XL Sportster	2004-2016	HD 906	STX 36 Twin	S36DR1L	16	336 +10/-0	00480-02 (B)	
XL Sportster	2004-2016	HD 916E	STX 36 Twin	S36E	9	338	00480-02 (B)	
XR 1200	2004-2013	HD 852	STX 36 Twin	S36PR1C1L	25	415 +5/-5	06380-04 (Y)	
XR 1200	2004-2013	HD 907	STX 36 Twin	S36PL	16	360 +10/-0	00480-02 (B)	
XR 1200	2004-2013	HD 908	STX 36 Twin	S36PL	16	360 +10/-0	00480-12 (Y)	
XR 1200	2004-2013	HD 908	STX 36 Twin	S36PL	16	360 +10/-0	00480-12 (Y)	

* Delivered without spring, must be ordered separately. (B) = Black spring, (C) = Chrome spring, (Y) = Yellow spring



Reservation for changes.



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