

Kit Contents		
Description	**Part No**	**Pcs**
Shock absorber	HD 516	1
Tie-rap	00231-01	5
Bracket	01082-12	1
Screw M6x30	05404-07	2
Nut	00430-02	2
Washer	00153-04	5
Washer	21219-02	1
Sticker set Öhlins	10207-01	1
Owner´s Manual Road & Track	07241-02	1

Note!

Please note that there can be small differences between your product and the images in these instructions.

Note!

Please note that during storage and transport, especially at high ambient temperature, some of the oil and grease used for assembly may leak and stain the packaging. This will not cause damage to the product, wipe off the excessive oil or grease with a cloth.

Note!

Before you install this product, check the kit contents. If anything is missing, please contact an Öhlins dealer.

⚠ Warning!

Before you install this product, read the Öhlins Owner's manual. This product is an important part of the vehicle and the vehicle stability.

Shock absorber for Harley Davidson Softail

HD 516

Mounting Instructions

ÖHLINS
ADVANCED SUSPENSION TECHNOLOGY

MOUNTING INSTRUCTIONS

⚠ Warning!

We strongly recommend to let an Öhlins dealer install this product.

⚠ Warning!

If you work with a lifted vehicle, make sure that it is safely supported to prevent it from tipping over.

Note!

When you work with this product, see the vehicle service manual for vehicle specific procedures and important data.

Note!

Before you install this product clean the vehicle.

1

Put the motorcycle on a work stand so that the rear wheel barely touches the ground.

2

Remove the lower attachment screws for the rear suspension.

3

Remove the front shock absorber attachment screw.

4

Remove the standard shock absorber; if necessary remove the frame bracket under the seat, above the suspension to gain more clearance.

5

Remove the right side cover. Install the new shock by first pull the preload adjuster and hose through the right side frame opening near the engine, from the seat side to the side cover side.

6

Let the preload adjuster hang freely; mount the shock absorber on to the frame.

7

Mount the preload adjuster bracket to the preload adjuster with loose tighten screws.

8

Mount the side cover and mount the bracket to the side cover (use the original screws and attached washers, see picture).

9

Fasten the hose with supplied cable ties. Make sure that the hose runs without sharp bends and that the hose is not squeezed when the rear suspension is compressed or extended.

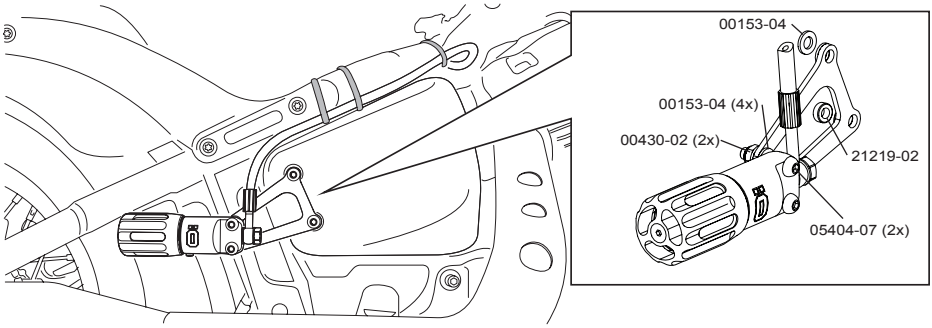
10

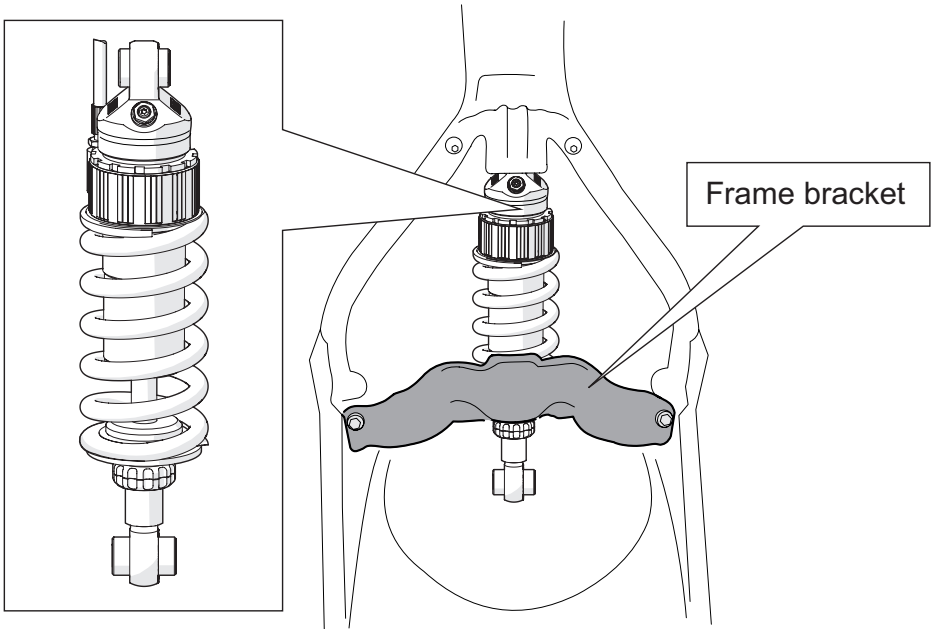
Tighten all suspension shock screws with correct torque.

11

If neccessary use the extra tie raps to keep the wire harness away from suspension shocks cylinder head.

MOUNTING INSTRUCTIONS

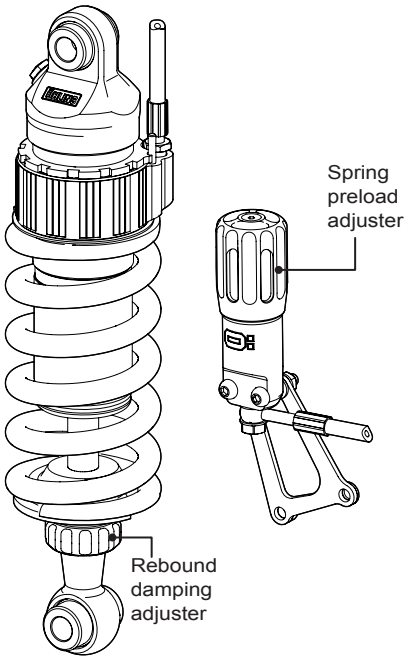




ADJUSTMENTS

⚠ Warning!

Before you ride/drive, always make sure that the setup is according to the recommended setup data. Read about adjustments and setting up in the Öhlins Owner's Manual before you make any adjustments. Contact an Öhlins dealer if you have any questions about setting up.



SETUP DATA

Length	341.5	mm
Stroke	57.5	mm
Rebound	16	clicks
Spring preload	15	mm
Spring	21103-41	
Spring rate	115	N/mm
Spring free length	180	mm

Recommended free sag and ride height		
R1-R2	7	mm
R1-R3	29	mm
F1-F2	18	mm
F1-F3	61	mm

Öhlins products are subject to continuous improvement and development, therefore, although these instructions include the most up-to-date information available at the time of printing, minor updates may occur.

To find the latest information contact an Öhlins distributor. Please contact Öhlins if you have any questions regarding the contents in this document.

Part no. MI_HD516_0
Issued 2024-06-03

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