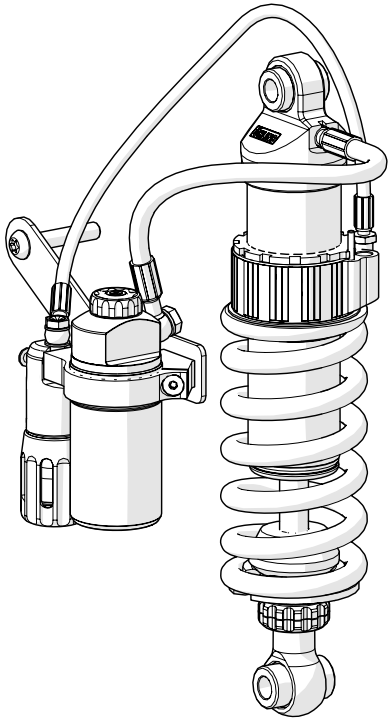


Kit Contents		
Description	**Part No**	**Pcs**
Shock absorber	HD 517	1
Tie-rap	00231-01	2
Bracket	01165-33	1
Bracket	03102-21	1
Screw 3/8"-16	03128-08	2
Screw M6×12	05404-01	2
Screw M6×25	05404-06	2
Screw M6×14	00382-52	1
Hose clamp	60231-20	1
Screw 1/4''-20	03128-07	1
Cover	21159-01	1
Washer	21219-02	1
Washer	00153-11	8
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 517

Mounting Instructions

ÖHLINS

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

If the motorcycle does not have the pre-load adjuster on the outside, this shock requires the alternative cover, P/N 54000321, that needs to be bought SEPERATELY from Harley-Davidson. Follow the installation guide for the separate side cover kit until the ABS bracket is removed and replaced with the Pre-load adjuster bracket, but before it is fastened.

6

Tape the reservoir to avoid damage. Install the new shock absorber by first pulling the preload adjuster and reservoir through the right side frame opening near the engine. Detach the rear frame for more clearance to pull through if necessary using the service manual.

7

Fasten the Pre-load adjuster bracket according to the side cover kit instructions. Fasten the frame bracket to the frame. Use the original washer behind the bracket and as many 00153-11 washers as needed depending on model. Leave one washer under the screw head. Fasten the reservoir and pre-load adjuster to the brackets, see image below.

8

Mount the “Ö”-cover to the pre-load adjuster bracket using the original screw and washer attached, see pictures.

9

Mount the side cover and fasten the pre-load hose with 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.

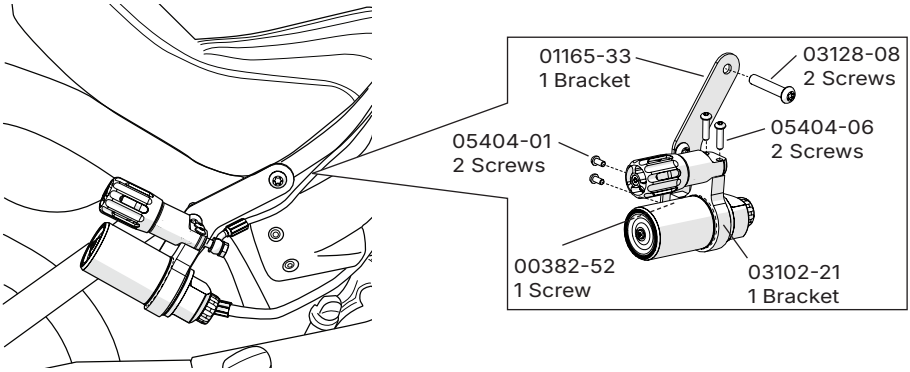
10

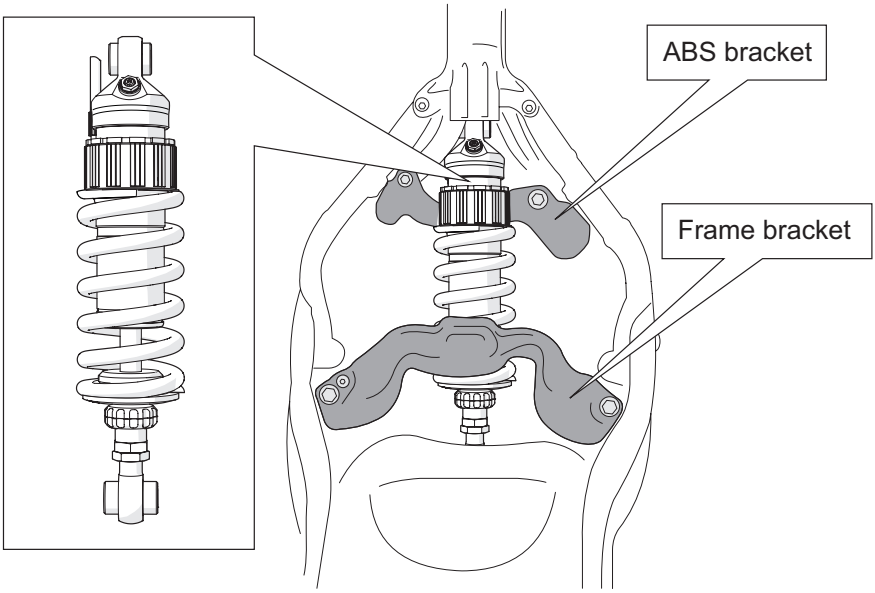
Fasten the comp hose using the hose clamp according to the picture below. Make sure that the hose runs without sharp bends and that the hose is not squeezed when the rear suspension is compressed or extended.

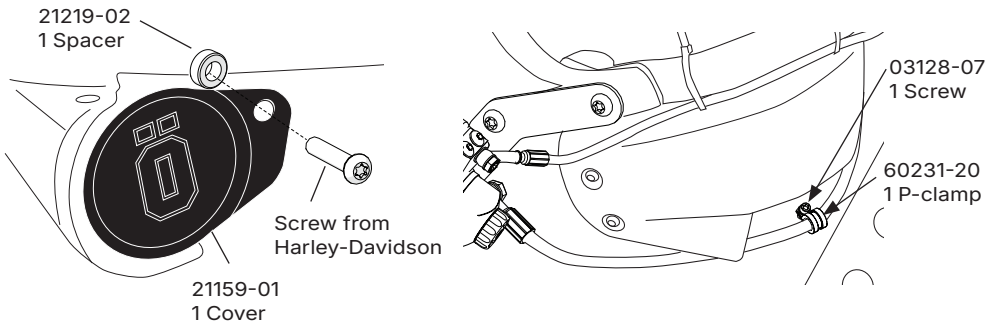
11

Tighten all suspension shock screws with correct torque.

MOUNTING INSTRUCTIONS



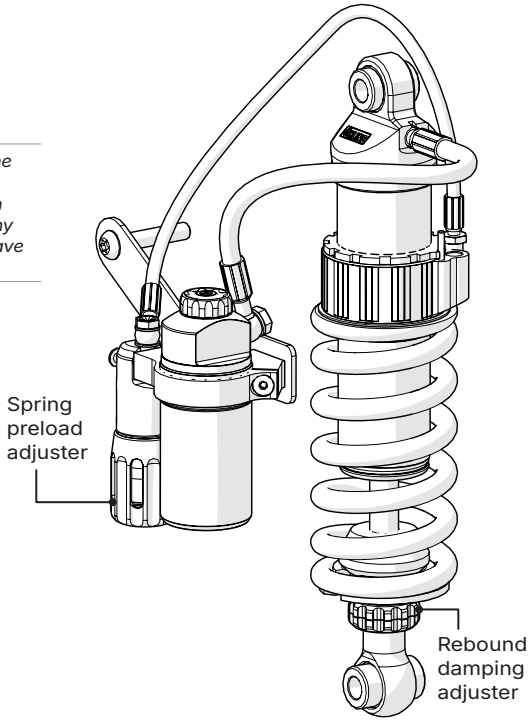




ADJUSTMENTS

⚠ 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	mm
Stroke	56.5	mm
Compression	10	clicks
Rebound	18	clicks
Spring preload	15	mm
Spring	21102-41	
Spring rate	115	N/mm
Spring free length	170	mm

Recommended free sag and ride height		
R1-R2	14	mm
R1-R3	36	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.

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