



👁 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.

Kit Contents

Description	Part No	Pcs
Shock absorber 36E	HD 146	2
C-Spanner twin	00710-01	2
Sleeve	00123-13	2
Sleeve	00123-17	2
Washer	03118-22	4
Washer	03118-23	4
Sticker set Öhlins		1
Owners manual	07241-02	1

👁 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 Sportster

HD 146

Mounting Instructions

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 stand so the rear wheel is clear of the ground. Make sure it's steadily fixed so it will not fall over.

2

Loosen and remove the standard shock absorber(s). See the motorcycles Workshop manual.

3

Fit the Öhlins shock absorber(s) in the same position as the standard shock absorber(s).

4

Continue your work according to the Owners manual, section adjustment.

Note!

Lower the vehicle so that the suspension is slightly compressed before you tighten the screws.

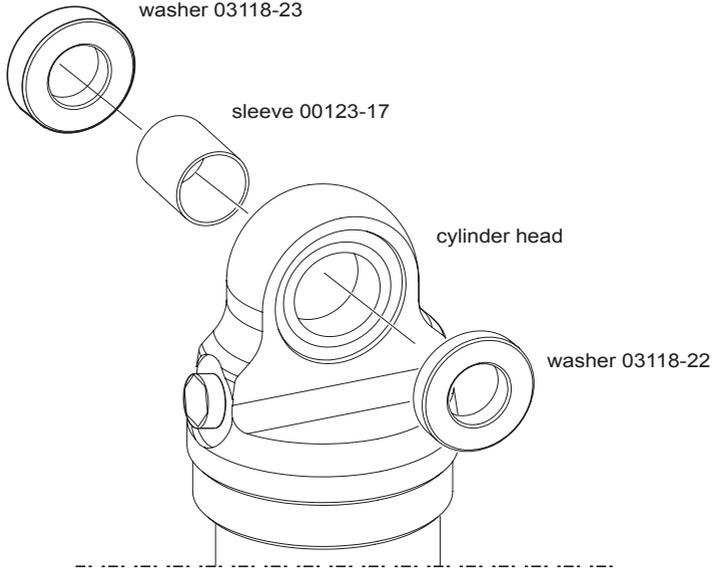
Caution!

Make sure that you tighten all screws to the correct torque and that nothing fouls or restricts movement of the shock absorber/front fork/steering damper when the suspension is fully compressed or extended.

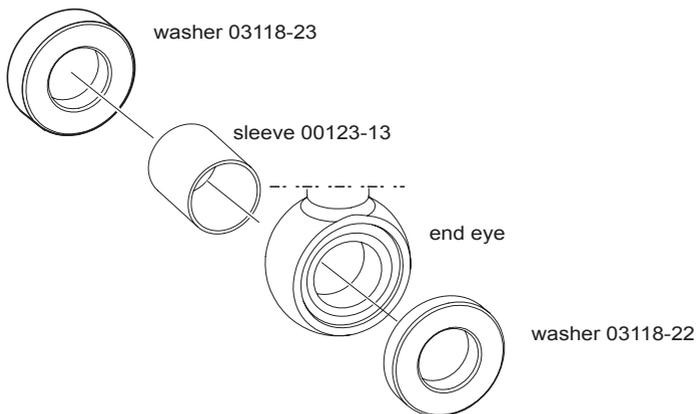
Normally the shock absorber is mounted with the cylinder head upwards. Check that there is enough clearance to other details both in loaded and unloaded position.

1

wheel side



wheel side



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

Recommended set-up

Spring preload	21	mm
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Spring

Part no. 00480-01	15-24	N/mm
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Shock absorber data

Length	360,5	mm
Stroke	105	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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