

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


#### Kit Contents

	Part No.	Pcs.
Shock absorber	HD 039	1
C-spanner	00710-01	2
Sleeve	00123-13	4
Washer	03118-08	8
Öhlins Sticker	00192-01	2
Owner's Manual	07241-02	1

Please note that during storage and transportation, especially at high ambient temperature, some of the oil and grease used for assembling may leak and stain the packaging. This is in no way detrimental to the product, wipe off the excessive oil/grease with a cloth.

#### Warning!

Before installing this product, read the Öhlins Owner's Manual. The shock absorber is an important part of your vehicle and will affect the stability.

 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 your Öhlins distributor. Please consult your Öhlins dealer if you have any questions regarding the contents in this document.

Part no. HD039\_0  
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[www.ohlins.com](http://www.ohlins.com)

## Shock Absorber for Harley Davidson FLHRS Road King

# HD 039

## Mounting Instructions



**⚠ Warning!**

It is advisable to have an Öhlins dealer install the shock absorber.

When installing, consult your Vehicle Service Manual.

**1**  
Put the motorcycle on a workstand so that the rear wheel barely touches the ground.

**⚠ Warning!**

Make sure the vehicle is securely supported so that it will not tip.

**2**  
Loosen the upper and lower attachments of the original shock absorber.

**👁 Note!**

Before installing the Öhlins shock absorber clean the vehicle thoroughly.

**3**  
Install the Öhlins shock absorber in the same way as the original unit.

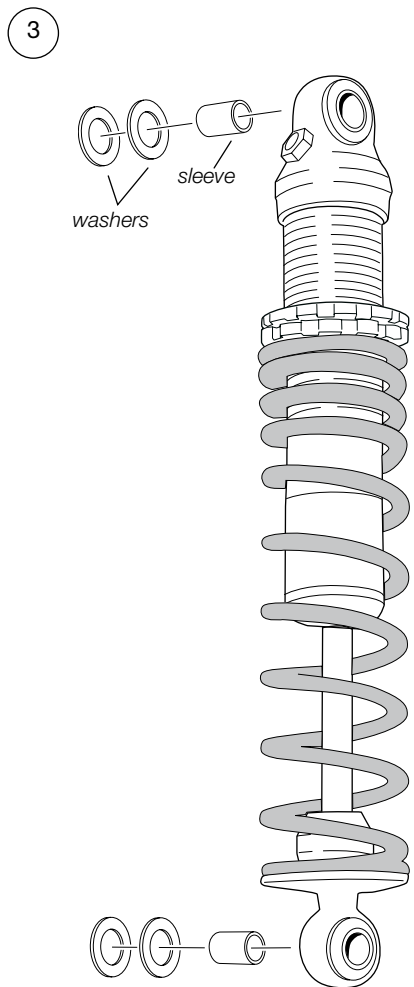
**👁 Note!**

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

**4**  
Lower the motorcycle so that the shock absorber is slightly compressed, before tightening the screws.

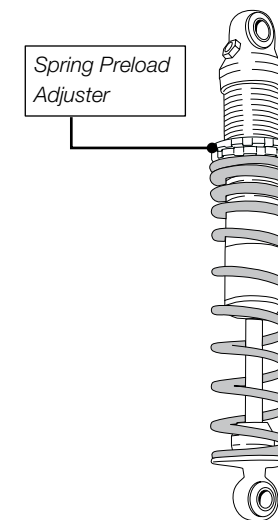
**👉 Caution!**

Make sure that all screws are tightened to the correct torque and that nothing fouls or restricts movement of the shock absorber when the suspension is fully compressed or extended.



**⚠ Warning!**

Before riding, always make sure that the basic settings made by Öhlins are according to recommended Set-up 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 the shock absorber.



## Set-up Data

**Recommended set-up**

Spring Preload	25 mm
Spring, free length	220 mm
Shock Absorber Length	310 mm
Stroke	83

👁 Read about Free Sag and Ride height in the Öhlins Owner's Manual.