

# Mounting Instructions

WITH SET-UP DATA

## SHOCK ABSORBER HD645 for Harley Davidson Sportster



Before installing this shock absorber, check the contents of the kit listed below. If anything is missing, please contact your nearest Öhlins dealer.

### Kit Contents:

	Part no.	Pcs.
Shock absorber	HD645	2
Sleeve	00123-13	4
Washer	03118-08	8
C-spanner	00710-01	2
Öhlins Sticker	00192-01	2
Owner's Manual	07241-02	1

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.

### Set-up Data

Spring preload 25 mm

Shock absorber length 296 mm  
Stroke 71 mm

Before installing this product, read the Öhlins Owner's Manual!



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These instructions and other documents can be downloaded from  
[www.ohlins.com](http://www.ohlins.com)

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## HOW TO INSTALL

### ⚠ WARNING!

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

**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**

Remove the original shock absorbers. Consult your *Vehicle Service Manual*.

### NOTE!

*Recommendation! Before installing the Öhlins shock absorber:*

- *clean the vehicle thoroughly*

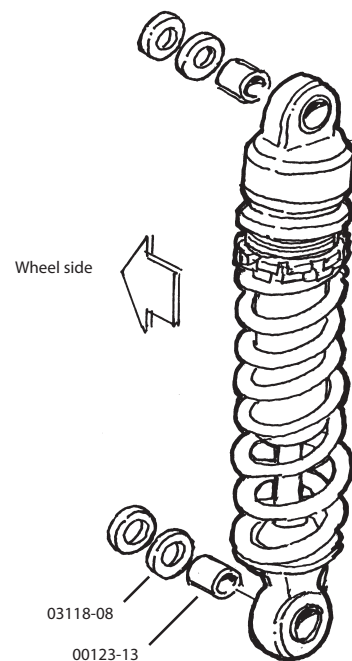
**3**

Install the Öhlins shock absorbers in the same way as the original units. The shock absorber should be installed with the cylinder head at the top. Use the washers and sleeves provided in this kit.

### NOTE!

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

*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.*



## ADJUSTMENTS

*Always ensure that the basic settings made by Öhlins are intact.*

**1**

### Spring Preload

Adjust by changing the position of the upper spring seat.

