



#### Kit Contents

Description	Part No	Pcs
Shock absorber	HD144	2
Sleeve	00123-13	4
Washer	03118-08	8
Sticker set Öhlins	10207-01	1
Owner's manual	07241-02	1
Tool preload adjuster	03199-01	1

#### **👁 Note!**

*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.*

#### **👁 Note!**

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

#### **⚠ Warning!**

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

## Shock absorber for Harley Davidson Sportster

# **HD 144**

## Mounting Instructions

# MOUNTING INSTRUCTIONS

## **⚠ Warning!**

*It is advisable to have an Öhlins dealer install the shock absorber/front fork/steering damper.*

## **⚠ Warning!**

*If working on a raised vehicle, ensure it is securely supported so that it will not tip.*

## **👁 Note!**

*Before mounting this product clean the vehicle thoroughly.*

## **👁 Note!**

*When working on this product, always see the Vehicle Service Manual for vehicle specific procedures and important data.*

**1**

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

**2**

Loosen and remove the original shock absorbers.

**3**

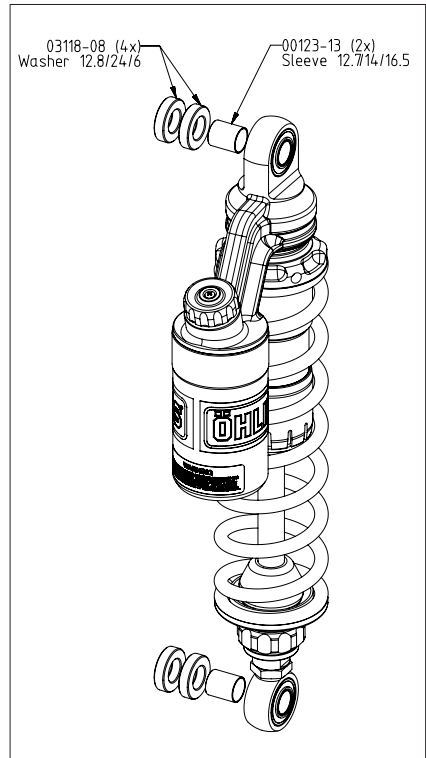
Install the Öhlins shock absorber in the same position as the original unit.

## **👁 Note!**

*Lower the vehicle so that the suspension is slightly compressed before tightening the screws.*

## **👉 Caution!**

*Ensure that all screws are tightened 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.*

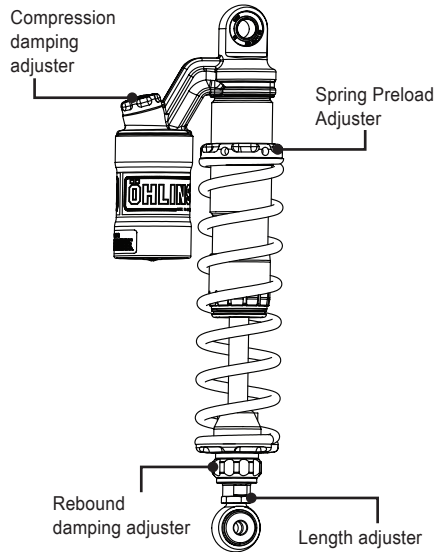


# MOUNTING INSTRUCTIONS

# ADJUSTMENTS

## **⚠ 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.



# SETUP DATA

## Recommended set-up

Spring Preload .....	25 mm
Rebound adjuster .....	12 Clicks
Compression adjuster.....	12 Clicks

## Shock absorber data

Length .....	$361^{+10}/_0$ mm.
Stroke .....	101 mm.

## Spring

Part No .....	60480-11
Free spring length .....	230mm
Spring rate.....	Prog 15-25 N/mm
Preload adj. range.....	[0-29] mm

## Installed spring

👁 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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