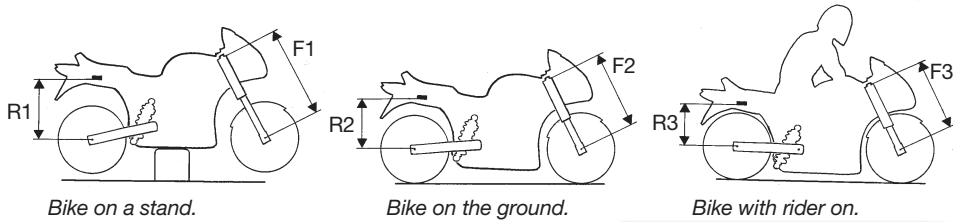


# Mounting Instructions

Öhlins shock absorber kit  
DU 303 for Ducati Multistrada



## Setup data

Shock absorber length	295 mm
Shock absorber stroke	61 mm
Spring preload	18 mm
Rebound damping adjuster	12 clicks
Compression damping adj.	10 clicks

## Checking sag and ride height

### Front suspension

F1. Bike on a stand with the suspension fully extended = .....

F2. Bike on the ground without rider = .....

F3. Bike on the ground with rider = .....

Free sag  $F1 - F2 = \dots\dots\dots$

Ride height  $F1 - F3 = \dots\dots\dots$

### Rear suspension

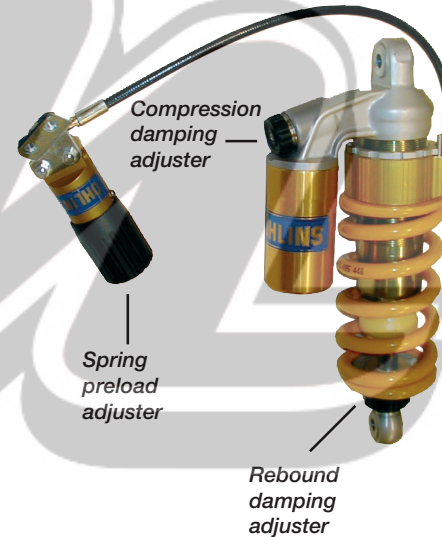
R1. Bike on a stand with the suspension fully extended = .....

R2. Bike on the ground without rider = .....

R3. Bike on the ground with rider = .....

Free sag  $R1 - R2 = \dots\dots\dots$

Ride height  $R1 - R3 = \dots\dots\dots$



## Öhlins shock absorber 46 PRCS

Your Öhlins shock absorber type 46 PRCS features the following adjusters:

### Compression damping adjuster

Adjustments are made on top of the reservoir.

### Rebound damping adjuster

Adjuster wheel on the piston shaft above the end bracket.

### Spring preload adjuster

Adjustments are made by turning the knob on the hydraulic adjuster. Clockwise for harder adjustment, counter clockwise too release the preload.

## NOTE!

When delivered the Öhlins shock absorber is dialed to recommended settings for the specific brand and make of the motorcycle. If you have changed the setting check like this:

The adjusters have a normal right hand thread. Turn the damping adjusters clockwise to fully closed (pos. zero [0]). Turn counter clockwise to open and count the clicks until you reach the recommended number of clicks. See Setup data at last page.

## CAUTION!

Do not use too much force, delicate sealing surfaces can be damaged.



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## Safety signals

Important information concerning safety is distinguished in this manual by the following notations:



**The Safety alert symbol means:  
Caution! Your safety is involved.**

### ⚠ WARNING!

**Failure to follow warning instructions could result in severe or fatal injury to anyone working with, inspecting or using the suspension, or to bystanders.**

### CAUTION!

**Caution indicates that special precautions must be taken to avoid damage to the suspension.**

### NOTE!

**This indicates information that is of importance with regard to procedures.**

Öhlins products are subject to continual improvement and development. Consequently, although these instructions include the most up-to-date information available at the time of printing, there may be minor differences between your suspension and this manual. Please consult your Öhlins dealer if you have any questions with regard to the contents of the manual.

### NOTE!

**During storage and transportation, especially at high ambient temperature, the oil and grease used for assembling may run out inside the packing and damage the expanded polystyrene packing material. This is not unusual and is in no way detrimental to the shock absorber.**

## Kit contents

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

Description	Pcs.	Part No.
Shock absorber 46 PRCS	1	DU 303
Bolt MC6S 5x25	2	01046-19
Nut M5	2	00430-04
Washer	4	00153-03
Sticker memo notes	1	01180-01
Sticker Öhlins	2	00192-01
Owners manual	1	

## Before installation

Öhlins Racing AB can not be held responsible for any damage whatsoever to shock absorber or vehicle, or injury to persons, if the instructions for fitting and maintenance are not followed exactly.

Similarly, the warranty will become null and void if the instructions are not adhered to.

### ⚠ WARNING!

**1. Installing a shock absorber, that is not approved by the vehicle manufacturer, may affect the stability of your vehicle. Öhlins Racing AB cannot be held responsible for any personal injury or damage whatsoever that may occur after fitting the shock absorber. Contact an Öhlins dealer or other qualified person for advice.**

**2. Please study and make certain that you fully understand all the mounting instructions and the owners manuals before handling this shock absorber kit. If you have any questions regarding proper installation procedures, contact an Öhlins dealer or other qualified person.**

**3. The vehicle service manual must be referred to when installing the Öhlins shock absorber**

## Mounting instructions

1

Put the motorcycle on a stand so the rear wheel is free from the ground.

### ⚠ WARNING!

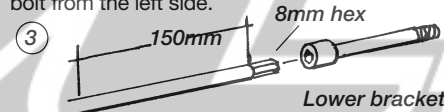
1. It's advisable to have an Öhlins dealer or other qualified person to fit your shock absorber.
2. Instructions in the vehicle service manual are to be followed when changing the shock absorber.
3. When working on a lifted vehicle it must be securely supported to prevent it from falling.

2

Remove the left rear foot rest bracket

3

Loosen the original shock absorber from the lower attachment. You must use a 8 mm hex socket and an 150 mm extension to reach the bolt from the left side.

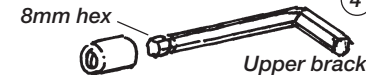


### CAUTION!

**Be careful not to drop the bolt into the swing arm.**

4

Loosen the upper bracket. You need an 8 mm ball hex key to reach the bolt. Remove the original spring pre-load adjuster.



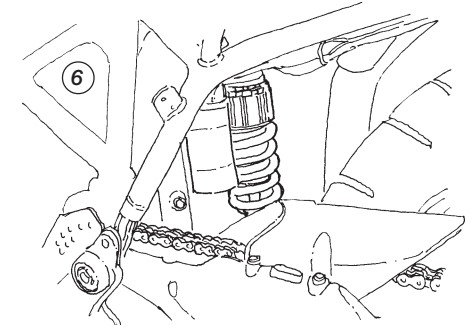
5

Remove the original shock absorber to the right. It might be necessary to remove heat shield under the lower silencer to enable the swing low enough to free the shock absorber.



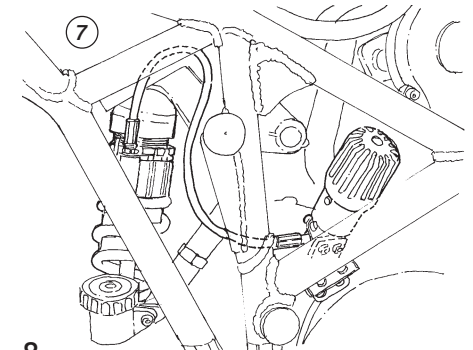
6

Attach the Öhlins shock absorber in reverse order. Use the standard bolts. The gas reservoir is positioned to the left side of the motorcycle.



7

Fit the original bracket of the hydraulic pre-load adjuster to the Öhlins pre-load adjuster.



8

Fit the hydraulic pre-load adjuster to the motorcycle.

### NOTE!

**Let the hose run in soft turns avoiding sharp edges.**

### NOTE!

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

9

Continue your work according the Owners Manual