

# Mounting Instructions

WITH SET-UP DATA

**SHOCK ABSORBER HO 406**  
for Honda RS 125

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

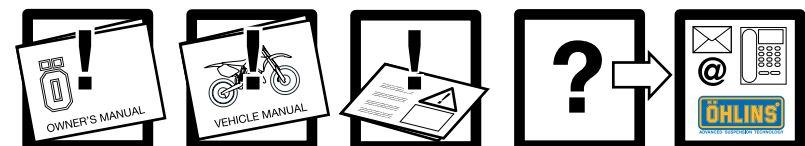
<b>Kit Contents:</b>	<b>Part no.</b>	<b>Pcs.</b>
Shock absorber	HO 406	1
C-spanner	00710-02	1
Memo Notes	01180-01	1
Öhlins Sticker	00192-01	2
Owner's Manual	07241-01	1

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	13 mm
Compression damping	10 clicks
Rebound damping	16 clicks
Shock absorber length	310 <sup>+12</sup> <sub>0</sub> mm
Stroke	54 mm

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



## 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 absorber. Consult your Vehicle Service Manual.

### NOTE!

Recommendation: 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!

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

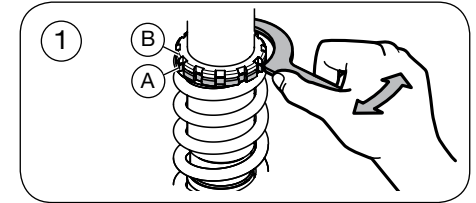
Make sure that all screws are tightened to the correct torque and that nothing fouls or restricts movement of the shock absorber when the suspension is fully compressed or extended.

## ADJUSTMENTS

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

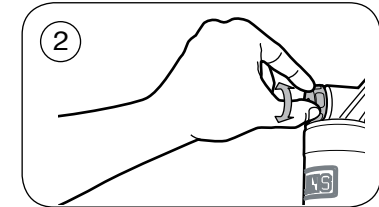
### 1 Spring pre-load

Use a C-spanner. Turn the spring platform nut (A) clockwise to increase the spring pre-load, turn counter clockwise to decrease it. Lock the setting with the lock nut (B).



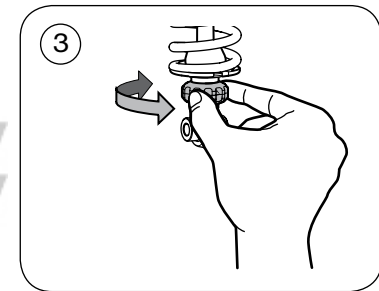
### 2 Compression

Adjust by turning the knob on top of the reservoir. Turn clockwise to increase damping, turn counter clockwise to decrease.



### 3 Rebound

Turn the wheel on the piston shaft above the end eye/ bracket. Turn clockwise to increase damping, turn counter clockwise to decrease.



### NOTE!

When delivered the Öhlins shock absorber is dialed to recommended settings for the specific brand and make of the vehicle. If you have changed the setting, reset according to the set-up data in the Mounting Instruction.

To reset: The adjuster has a right hand thread. Turn the adjuster clockwise to fully closed (pos. zero [0]). Turn counter clockwise to open and count the clicks until you reach the recommended number in the Set-up data.

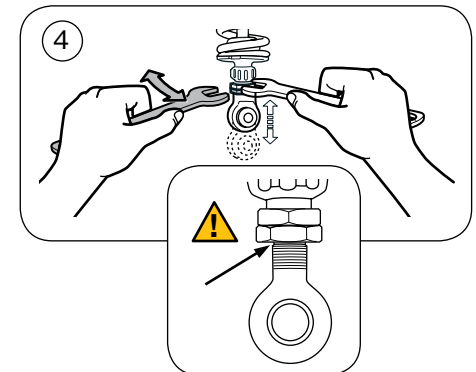
### CAUTION!

Do not use force, delicate sealing surfaces can be damaged. Handtighten only.

### 4 Length

We advise to remove the shock absorber before adjusting the length. Use two wrenches. Hold the upper nut with one hand and at the same time loosen the lock nut (lower nut). Turn the end eye/ bracket to the desired length.

1 turn = 1 mm length adjustment. Lock the lock nut. Tightening torque: 40 Nm



### ⚠ WARNING!

The adjustable end eye/bracket must not be threaded out more than that the groove is fully visible beneath the lock nut. This is maximum length. After adjusting, make sure that the lock nut is tightened.