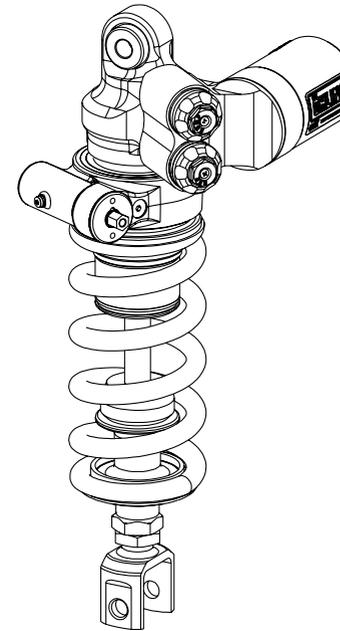


Mounting Instruction

WITH SET-UP DATA

SHOCK ABSORBER SU 789 for Suzuki GSXR600/ 750



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	SU 789	1
Öhlins Sticker	00192-01	2
Memo Notes Sticker	01180-01	1
Owner's Manual	07242-01	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	12 clicks
Rebound damping	13 clicks

Shock absorber length	320 $^{+3}_{-3}$ mm
Stroke	63 mm
Spring	21040-29 (90 N/mm)
Free spring length	160 $^{0}_{-3}$ mm

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



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Mounting instruction SU 789 Issued 20080626
These instructions and other documents
can be downloaded from
www.ohlins.com

Öhlins Racing AB, Box 722, S-194 27 Upplands Väsby, Sweden.
Phone +46 8 590 025 00 Fax +46 8 590 025 80
www.ohlins.com

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!

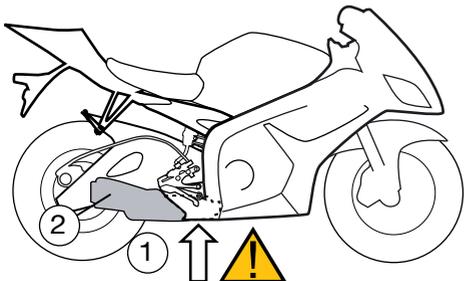
Make sure the vehicle is securely supported so that it will not tip.

2

Remove the silencer.

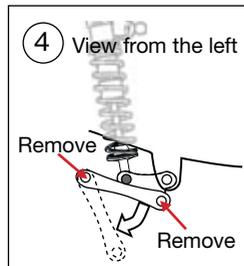
3

Remove the upper screw of the original shock absorber.



4

Remove the lower and the upper screw of the link arm and the lower screw of the original shock absorber.



CAUTION!

The brake hose must not be stretched. It can be damaged. Support the swing arm once the lower screw of the shock absorber is removed.

5

Remove the original shock absorber by lifting it above the rear wheel.

NOTE!

Recommendation! Before installing the Öhlins shock absorber:

- clean the vehicle thoroughly
- adjust the length of the shock absorber (check the headlight angle after adjusting the length!)

6

Loosen the screw holding the brake fluid reservoir (on the inside of the right frame beam). Press the brake fluid reservoir as far towards the front as possible, then tighten the screw.

7

Install the Öhlins shock absorber in the same way as the original unit. Use the original screws.

NOTE!

Make sure that there is clearance between the shock absorber reservoir and the brake fluid reservoir.

NOTE!

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

8

Reinstall the silencer. Make sure that all removed parts are installed in the same way as they were before the installation.

⚠ WARNING!

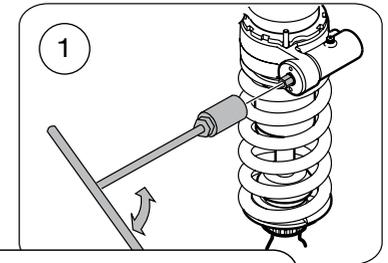
Make sure that all screws are tightened to the correct torque and that nothing fouls or restricts movement of the shock absorber when the suspension is fully compressed or extended.

ADJUSTMENTS

Before riding, always ensure that the basic settings made by Öhlins are intact.

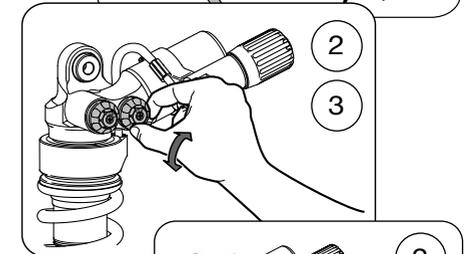
1 Spring Preload

Turn the hexagon screw on the hydraulic adjuster to set the spring preload. Turn clockwise to increase, turn counter clockwise to decrease.



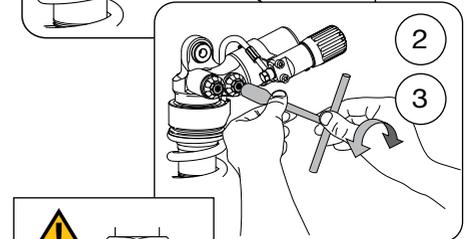
2 Compression Damping

Adjust by turning the gold knob labelled "COMP" on the cylinder head (1). Or, use a 14 mm socket T-bar and turn the hexagon nut on the adjuster knob (2). Turn clockwise to increase damping, turn counter clockwise to decrease.



3 Rebound Damping

Adjust by turning the black knob labelled "REB" on the cylinder head (1). Or, use a 14 mm socket T-bar and turn the hexagon nut on the adjuster knob (2). Turn clockwise to increase damping, turn counter clockwise to decrease.

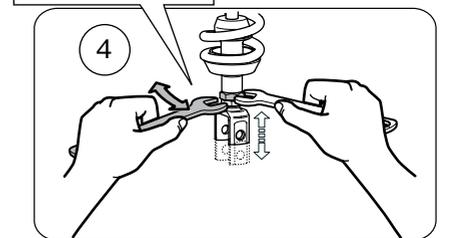


NOTE!

When delivered the Öhlins shock absorber is dialed to the recommended settings for the specific vehicle model. If you have changed the setting, reset according to the following:



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 (see Set-up Data).



CAUTION!

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

4 Length Adjustment

We advise to remove the shock absorber from the vehicle before adjusting the length. Use two 24 mm 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. Tightening torque 40 Nm.

⚠ WARNING!

Remember to lock the lock nut after adjusting the length.

⚠ 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.