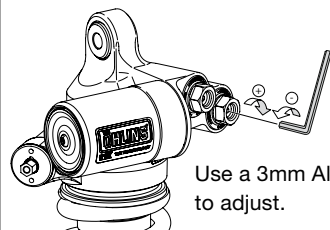


Adjustments

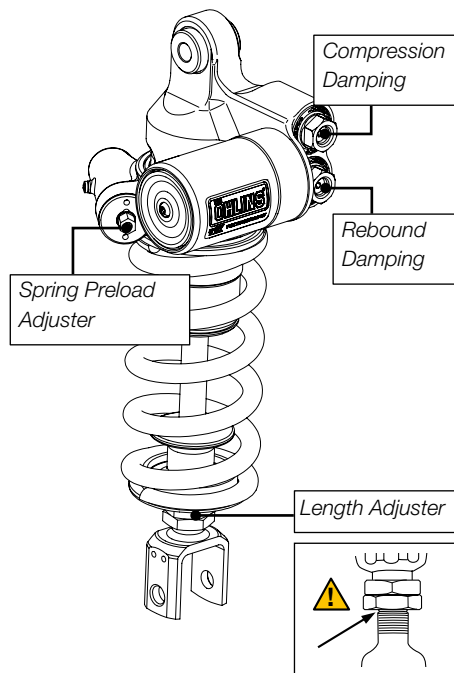
⚠ Warning!

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 the shock absorber.

Compression and Rebound Adjuster



Use a 3mm Allen key to adjust.



Set-up Data

Recommended set-up

Compression	10 clicks
Rebound	12 clicks
Spring Preload	13 mm
Spring	21040-26
Spring Rate	85 N/mm
Spring; Free length	160 mm

Shock absorber data

Length	314 ±3 mm
Stroke	62

Recommended Sag and Ride Height

R1 - R2	17 mm
R1 - R3	31 mm
F1 - F2	30 mm
F1 - F3	39 mm

👁 Read about Free Sag and Ride height in the Öhlins Owner's Manual.

👁 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 your Öhlins distributor. Please consult your Öhlins dealer if you have any questions regarding the contents in this document.

Part no. BM931_0
Issued 2011-11-21

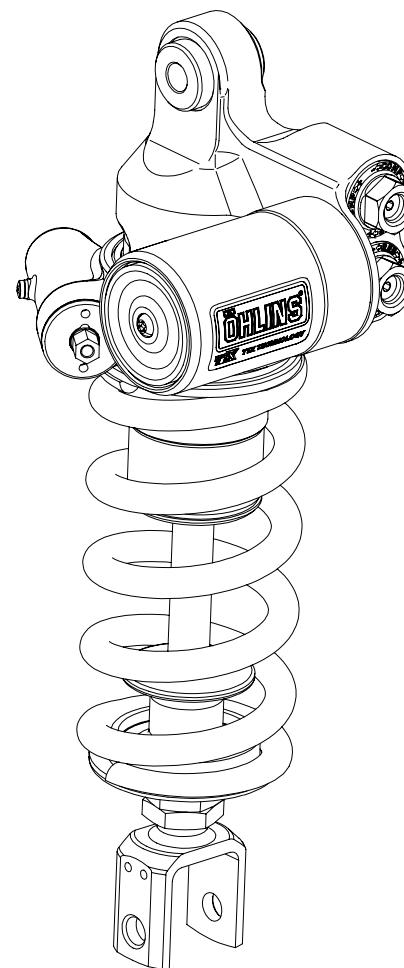


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www.ohlins.com



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

Kit Contents

	Part No.	Pcs.
Shock Absorber	BM931	1
Sticker Öhlins	00192-01	2
Memo Notes Sticker	01180-01	1
Owner's Manual	07242-01	1

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.

⚠ Warning!

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

Shock Absorber for BMW S1000RR

BM 931

Mounting Instructions



⚠ Warning!

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

When installing, read the Vehicle Service Manual.

1

Put the motorcycle on a stand 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 seat and the plastic covers around the fuel tank.

3

Loosen the fuel tank and, raise it about 100 mm in the rear.

4

Loosen the rear brake fluid reservoir.

5

Loosen the 4 mounting bolts for the rear sub frame. Remove the lower ones so that you can raise the sub frame when you remove and install the shock absorber.

6

Remove the standard shock absorber by loosening the lower and upper mounting bolts. You may need to loosen the bolt connecting the pull rods and the triangle link to access the lower shock absorber mounting bolt.

⚠ Caution!

Raise the rear sub frame carefully to avoid damages to hoses or wire harnesses while removing and installing the shock absorber.

👁 Note!

Clean the vehicle thoroughly before installing the Öhlins shock absorber.

7

Install the Öhlins shock absorber in reverse order.

👁 Note!

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

👁 Note!

Put back the upper height adjustment inserts in the same position as they were. Standard position is with the bolt holes in the upper position.

8

Re-install all removed parts.

👁 Caution!

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 being fully compressed or extended.

