

ADJUSTMENTS

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

1 Spring Preload

Turn the Hydraulic Adjuster knob to set the spring pre-load. Turn clockwise to increase the preload, turn counter clockwise to decrease.

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 the recommended settings for the specific vehicle model. If you have changed the setting, reset according to the following:

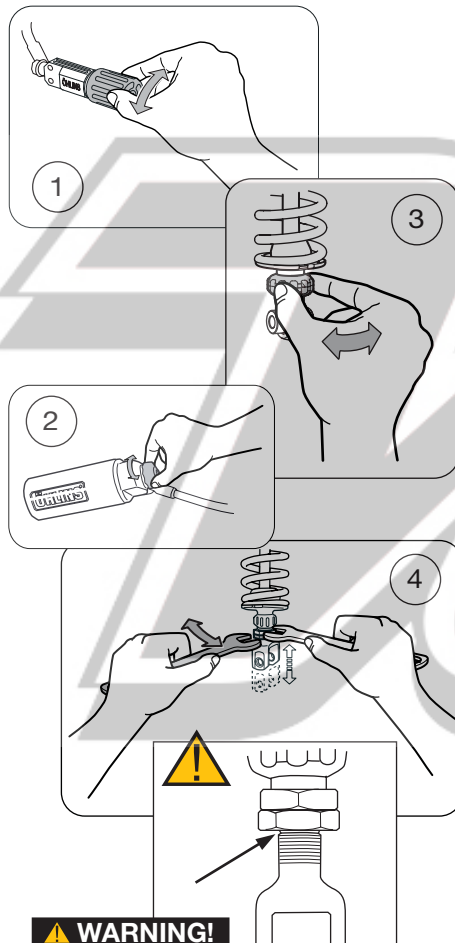
The adjuster has a right hand thread. Turn the adjuster clockwise to fully closed (pos. zero [0]). Turn counter clockwise to open and count the clicks until you reach the recommended number (see Set-up Data).

CAUTION!

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

4 Length

We recommend you to adjust the length before installing the shock absorber to the vehicle. 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. 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.

Mounting Instructions

WITH SET-UP DATA

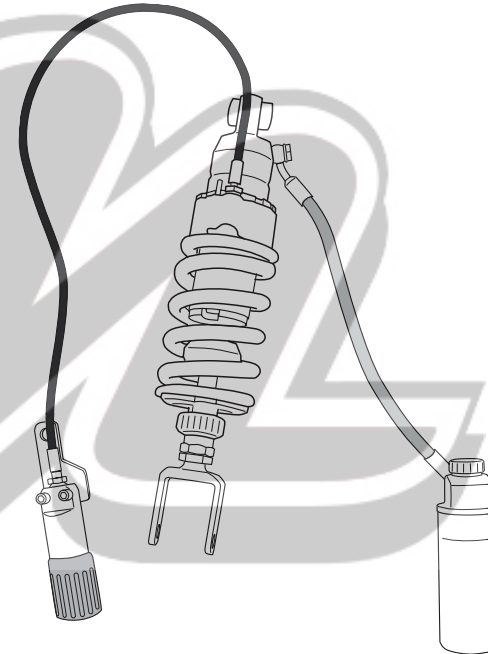
SHOCK ABSORBER BM702 for BMW K1200 RS

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	BM702	1
Washer	00153-01	4
Rubber mount	00230-03	1
Tie wrap	00231-02	1
Nut M8	00430-05	1
Screw MC6S	01046-49	1
Öhlins Sticker	00192-01	2
Owner's Manual	07241-02	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	20 mm
Compression	12 clicks
Rebound damping	18 clicks

Shock absorber length	355 ⁺¹² ₀ mm
Stroke	57 mm

Spring	01093-59
Free spring length	150 ⁺³ ₋₃ 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.

CAUTION!

We recommend you to remove the lower cover.

⚠ WARNING!

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

2

Remove the seat and the passenger handle. Remove the side covers.

3

Remove two screws in the front, the fasteners throughout the top of the tank cover, so that the rear part of the cover can be gently folded upwards, and the upper attachment of the original shock absorber can be removed (see step 9).

4

From the right side of the vehicle; loosen, (but do not remove) the brake fluid reservoir and the expansion vessel. Fold out the expansion vessel.

5

From the left side of the vehicle; loosen the original hydraulic preload adjuster. Loosen the tie wraps from the inner cover so that the cover can be folded out slightly and the hydraulic preload adjuster removed upwards.

6

Remove the tool box. Put the hydraulic preload adjuster temporarily out to the right side.

7

Remove the passenger foot peg bracket on the right side.

8

Remove the lower screw of the original shock absorber.

9

Gently lift the front cover (see step 3) and loosen the upper screw of the original shock absorber. Remove the original shock absorber.

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)

10

Install the Öhlins shock absorber. Make sure that the attachment to the hydraulic preload adjuster is at the top and pointing up (A) and the attachment to the reservoir is at the top and pointing to the right (B), see figure.

11

Attach the upper and lower attachments, but do not tighten yet.

12

Install the reservoir under the seat as indicated in the figure. Note that you must drill two 8,5 mm holes in the plastic inner mudguard. Use the rubber mount and tie wrap provided in this kit to attach the reservoir. See figure.

13

Install the hydraulic preload adjuster to the frame as indicated in the figure. The washers should be installed as indicated in the figure. Use the screw, washers and nut provided in this kit to install the adjuster.

NOTE!

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

14

Tighten the screws of the upper and lower attachments.

15

Reattach the front cover, passenger foot peg bracket, brake fluid reservoir, expansion vessel, side covers, handle and seat. Make sure that all removed parts are attached in the same way as they were before the installation.

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.

