

Kit Contents		
Description	Part No	Pcs
Shock absorber	BM058	1
Öhlins Sticker	00192-01	2
Tie-rop	00231-01	4
C-spanner	00710-02	1
Memo Notes Sticker	01180-01	1
Owner's Manual	07241-02	1

👁 Note!

Please note that there can be small differences between your product and the images in these instructions.

👁 Note!

Please note that during storage and transport, especially at high ambient temperature, some of the oil and grease used for assembly may leak and stain the packaging. This will not cause damage to the product, wipe off the excessive oil or grease with a cloth.

👁 Note!

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

⚠ Warning!

Before you install this product, read the Öhlins Owner's manual. This product is an important part of the vehicle and the vehicle stability.

Shock absorber for BMW F 650 GS

BM 058

Mounting Instructions



MOUNTING INSTRUCTIONS

⚠ Warning!

We strongly recommend to let an Öhlins dealer install this product.

⚠ Warning!

If you work with a lifted vehicle, make sure that it is safely supported to prevent it from tipping over.

👁 Note!

When you work with this product, see the vehicle service manual for vehicle specific procedures and important data.

👁 Note!

Before you install this product clean the vehicle.

1

Put the motorcycle on a work stand so that the rear wheel barely touches the ground.

2

Remove the seat.

3

Remove the plastic cover on the upper attachment of the original shock absorber, cut the tie raps around the wiring harnesses, you will find new tie raps, to reattach the harnesses in this kit.

4

Carefully loosen the electrical connector from the plastic cover, use a small screw driver on the lower side from the rear to release the snap lock and slide the connector forward.

5

Loosen the chain guide on the swing arm for better access to the lower attachment of the shock absorber.

6

Loosen and remove the upper and lower attachment, remove the original shock absorber by lifting it up.

7

Install the Öhlins shock absorber in reversed order.

8

Reinstall the attachment screws but do not tighten yet.

👁 Note!

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

9

Tighten the attachment screws according to BMW specification.

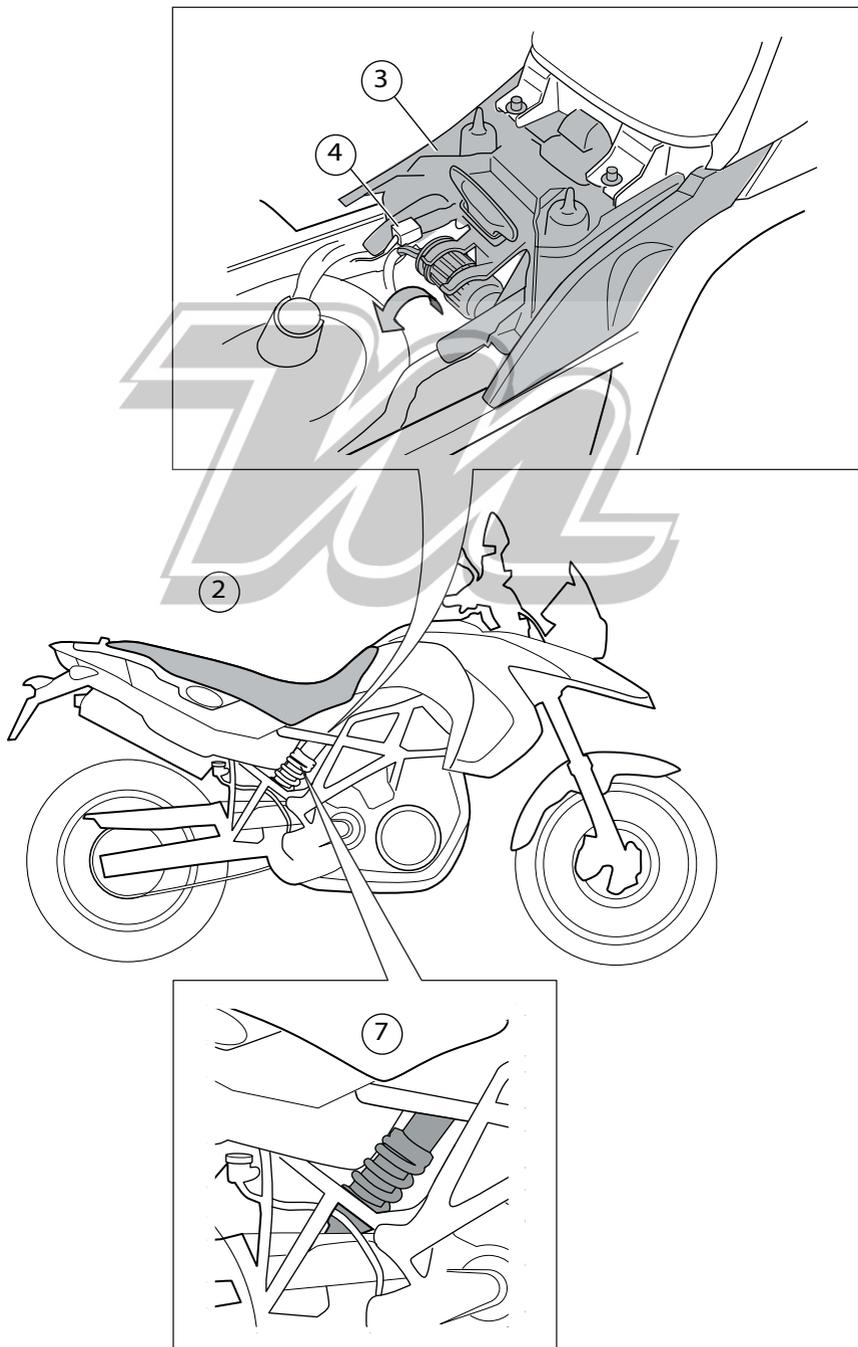
10

Reinstall all removed parts to the motorcycle.

⚠ Warning!

Make sure that you tighten all screws to the correct torque and that nothing fouls or restricts movement of the shock absorber/front fork/steering damper when the suspension is fully compressed or extended.

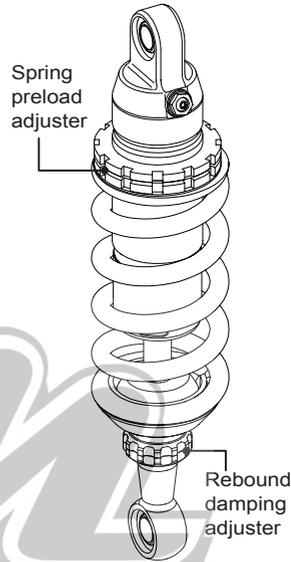
MOUNTING INSTRUCTIONS



ADJUSTMENTS

⚠ Warning!

Before you ride/drive, always make sure that the setup is according to the recommended setup 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.



SETUP DATA

Spring preload	8	mm
Rebound	18	clicks
Total length	413,5	mm
Stroke	56,5	mm
Spring	01092-69	
Spring rate	170	N/mm
Spring: Free length	170	mm

👁 Note!

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 an Öhlins distributor. Please contact Öhlins if you have any questions regarding the contents in this document.

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