

# Adjustments

## ⚠ Warning!

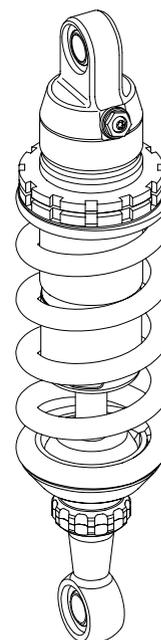
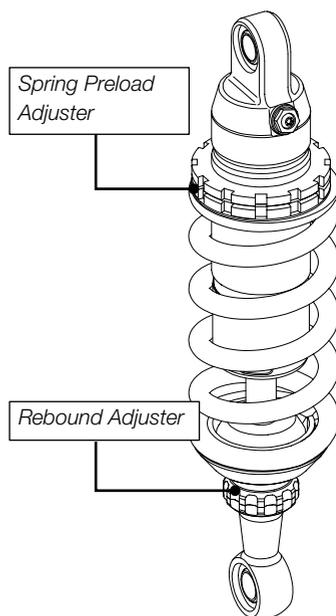
Before riding, always make sure that the basic settings made by Öhlins are according to recommended Set-up Data. Read about adjustments and setting up in the Öhlins Owner's Manual before you make any adjustments. Contact an Öhlins dealer if you have any questions about setting up the shock absorber.

# Set-up Data

## Recommended set-up

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

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



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	BM 058	1
Öhlins Sticker	00192-01	2
Tie-rap	00231-01	4
C-spanner	00710-02	1
Memo Notes Sticker	01180-01	1
Owner's Manual	07241-02	1

## 👁 Note!

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.

👁 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. BM 058\_0  
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# Shock Absorber for BMW F 650 GS

# BM 058

## Mounting Instructions

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# How to install

## ⚠ Warning!

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

## 👁 Note!

*When installing, consult your Vehicle Service Manual.*

## 👁 Note!

*Before installing the Öhlins shock absorber clean the vehicle thoroughly.*

**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 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 the 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 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.*

