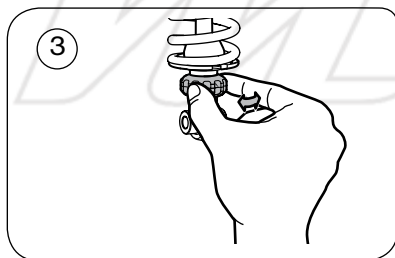
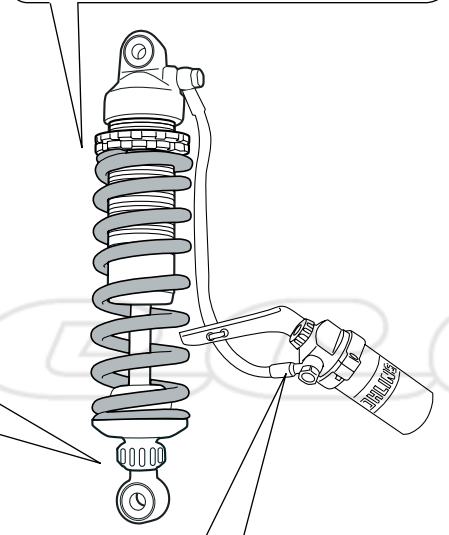
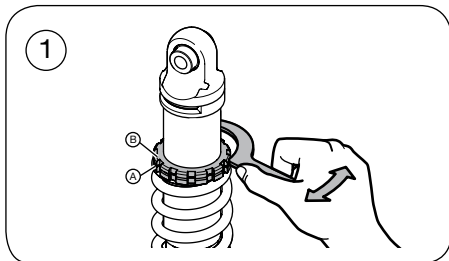


## ADJUSTMENTS

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

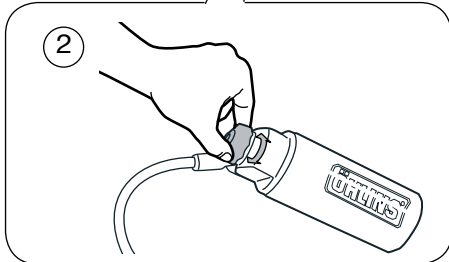
- 1 **Spring preload**  
Use the C-spanner provided in this kit. Turn the spring platform nut (A) to set the spring preload. Lock the setting with the lock nut (B).
- 2 **Compression**  
Adjust by turning the knob on top of the reservoir. Turn clockwise to increase damping, turn counter clockwise to 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 recommended settings for the specific brand and make of the vehicle. If you have changed the setting, reset according to the set-up data in the Mounting Instruction.

To reset: 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 in the Set-up data.



### CAUTION!

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

# Mounting Instructions

WITH SET-UP DATA

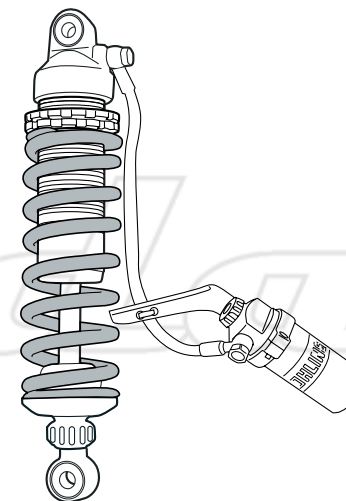
## SHOCK ABSORBER BM 636 for BMW G 650 X Challenge

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	BM 636	1
Screw MC6S	01046-22	2
C-spanner	00710-02	1
Öhlins Sticker	00192-01	2
Memo Notes	01180-01	1
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

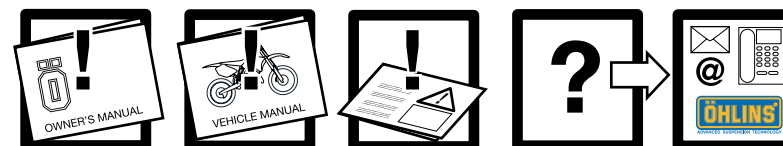
Shock absorber length	360 mm
Stroke	89 mm
Spring preload	10 mm
Compression damping	16 clicks
Rebound damping	20 clicks
Spring	00698-39
Free spring length	230 mm (110N/mm)

### Recommended Sag and Ride Height

F1 - F2:	40 - 50 mm
F1 - F3:	55 - 65 mm
R1 - R2:	15 - 25 mm
R1 - R3:	40 - 50 mm

Read more about sag and ride height in the Öhlins Owner's Manual.

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



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Mounting Instructions BM 636\_1 Issued 2009 06 02  
These instructions and other documents can be downloaded from [www.ohlins.com](http://www.ohlins.com)

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[www.ohlins.com](http://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**

From the right side of the vehicle, loosen the lower attachment of the original shock absorber.

**3**

Loosen the upper attachment from the left side of the vehicle.

**4**

Remove the original shock absorber from the left side. You may need to raise the motorcycle slightly to be able to remove the shock absorber.

### NOTE!

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

**5**

Install the Öhlins shock absorber. Fasten the upper attachment, but do not tighten yet. Lead the external reservoir out to the left side and leave it hanging temporarily.

**6**

Fasten the lower attachment, do not tighten yet.

### NOTE!

*Lower the motorcycle so that the shock absorber is compressed 1 mm, before tightening the screws.*

**7**

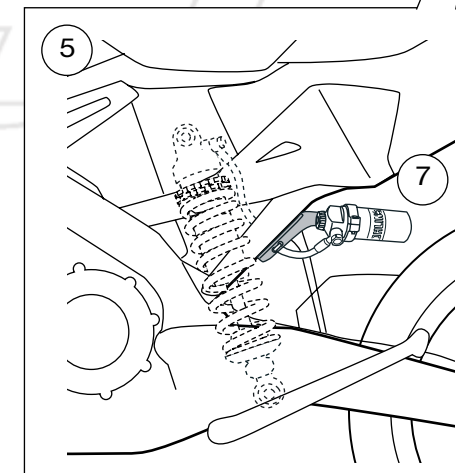
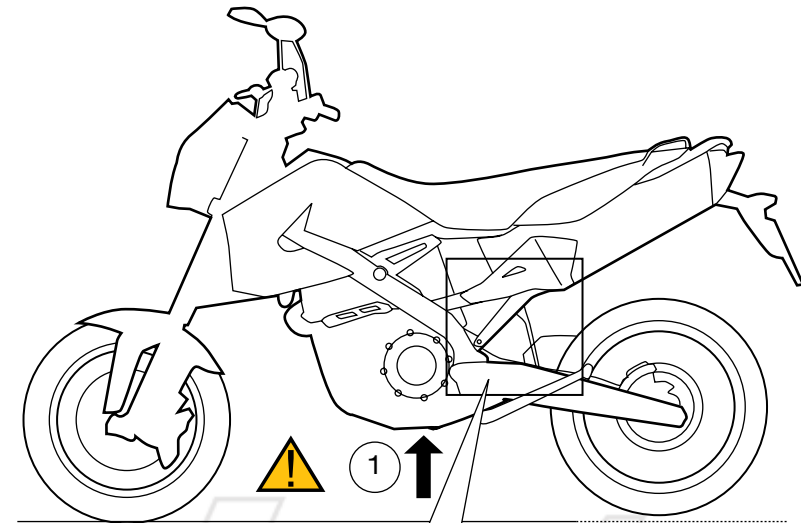
Fasten the external reservoir to the frame according to the figure.

### NOTE!

- If you have the optional foot peg; use the screws provided with the foot peg (longer screws).
- If you do not have the optional foot peg; use the screws provided in this kit.

### NOTE!

*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.*



### NOTE!

*If you have the optional foot peg, use the longer screws and install according to the figure.*

