

## ADJUSTMENTS

### 1 Spring Preload Adjuster

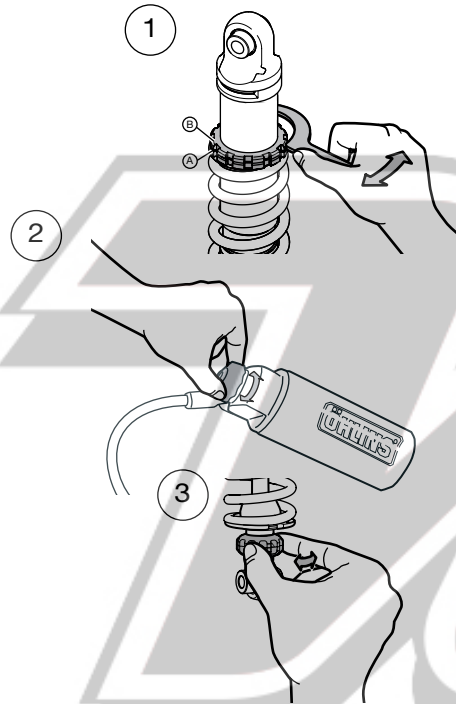
Use the C-spanner provided in this kit. Turn the spring platform nut (A) to set the spring preload. Lock the setting with the lock nut (B).

### 2 Compression Damping Adjuster

Adjust by turning the knob on top of the reservoir. Turn clockwise to increase damping, turn counter clockwise to decrease.

### 3 Rebound Damping Adjuster

Turn the wheel on the piston shaft above the end eye/ bracket. Turn clockwise to increase damping, turn counter clockwise to decrease.



# Mounting Instruction

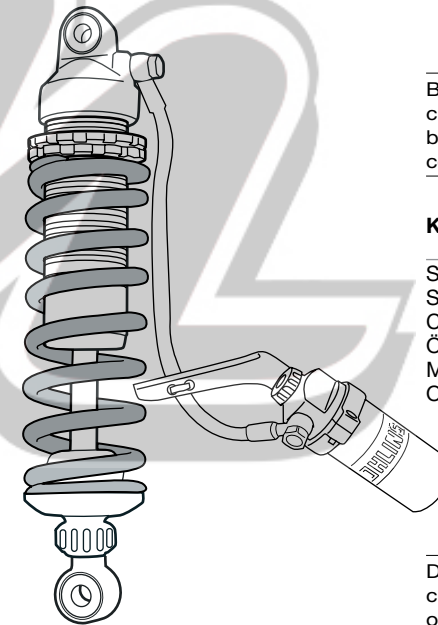
WITH SET-UP DATA

**SHOCK ABSORBER BM633**  
for BMW G 650 X moto

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 633	1
Screw MC6S	01046-22	2
C-spanner	00710-02	1
Öhlins Sticker	00192-01	2
Memo Notes	01180-01	1
Owner's Manual		1



## SET-UP DATA

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

#### Data

Total length 343.5 mm  
Stroke 72.5

#### Recommendations

Spring preload 10 mm  
Rebound damping 20 clicks  
Compression damping 16 clicks

#### Recommended Sag and Ride Height

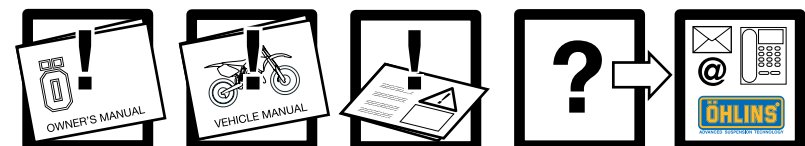
F1 - F2: 40 - 50 mm  
F1 - F3: 55 - 65 mm  
R1 - R2: 20 - 30 mm  
R1 - R3: 60 - 70 mm

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

#### NOTE!

During storage and transportation, especially at high ambient temperature, the oil and grease used for assembling may leak inside the packing and damage the expanded polystyrene packing material. This is not unusual and is in no way detrimental to the shock absorber.

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



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These instructions and other documents can be downloaded from [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!**

*Recommendation! 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**

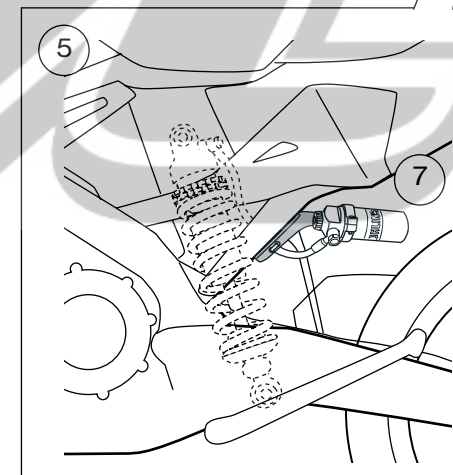
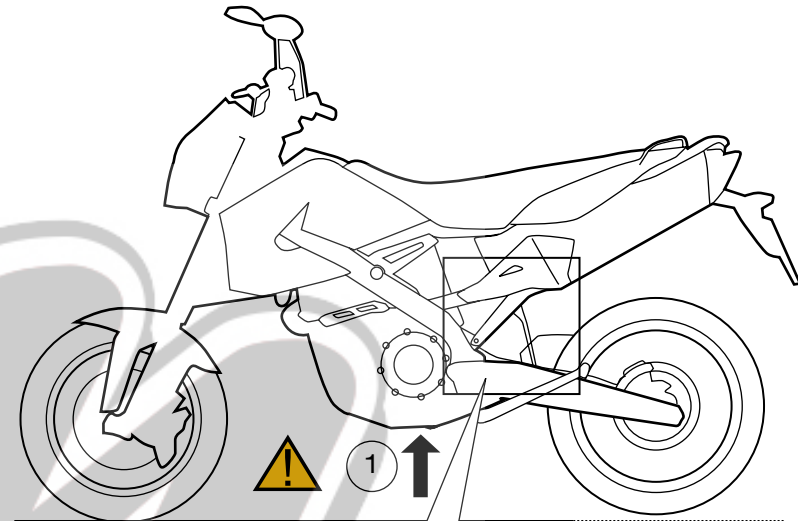
Fasten the external reservoir to the frame according to the figure.

### **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.*

