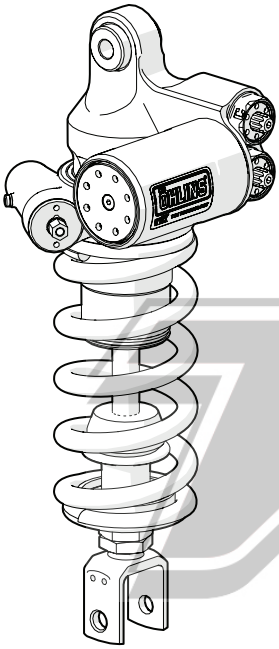


Kit Contents		
Description	**Part No**	**Pcs**
Shock absorber	BM361	1
Sticker Memo notes	01180-01	1
Sticker Öhlins wh/tr	01185-01	2
Sticker Öhlins bl/tr	01185-04	2
Owner's manual	07242-05	1

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 S 1000 RR

BM 361

Mounting Instructions

ÖHLINS
ADVANCED SUSPENSION TECHNOLOGY

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 and the plastic covers around the fuel tank.

3

Loosen the fuel tank and lift the rear end about 100 mm.

4

Loosen the rear brake fluid reservoir.

5

Loosen the 4 mounting bolts for the rear sub frame. Remove the lower bolts so that you can lift the sub frame when you remove and install the shock absorber.

6

Loosen the lower and the upper shock absorber attachment bolts to remove the original shock absorber. You may need to loosen the bolt that connects the pull rod and the triangle link to get access to the lower shock absorber mounting bolt.

7

Install the Öhlins shock absorber.

Note!

Install the upper height adjustment inserts in the same positions as they were for the original shock absorber. Bolt holes in the upper position.

Note!

Lower the vehicle so that the suspension is slightly compressed before you tighten the screws.

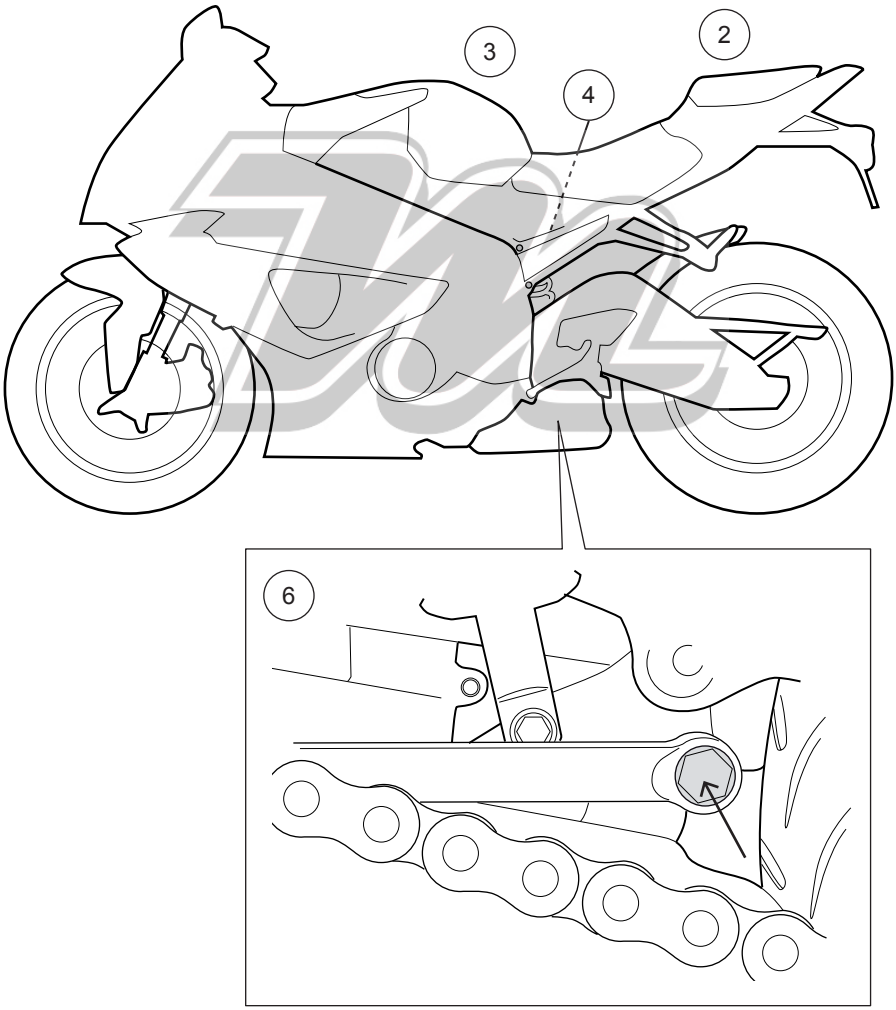
8

Install all removed parts in the same positions as they were before removal.

Caution!

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.

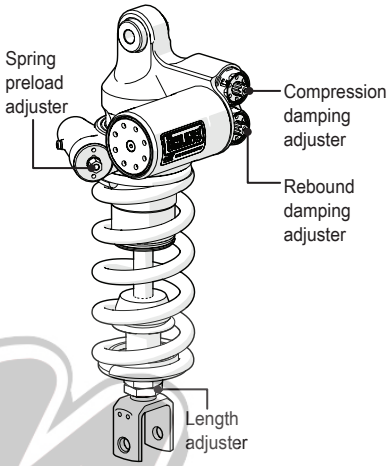
MOUNTING INSTRUCTIONS



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

Length	310 +5/-1	mm
Stroke	60	mm
Rebound	18	clicks
Compression	13	clicks
Spring preload	14	mm
Spring	21040-26	
Spring rate	85	N/mm
Spring free length	160	mm

Recommended sag and ride height		
R1-R3	31	mm
F1-F3	39	mm

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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Öhlins Racing AB
Box 722
S-194 27 Upplands Väsby, Sweden
Phone +46 8 590 025 00
fax +46 8 590 025 80

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ADVANCED SUSPENSION TECHNOLOGY

www.ohlins.com