

Kit Contents		
Description	Part No	Pcs
Shock absorber	YA 589	1
Bracket	01165-27	1
Reservoir bracket	03102-20	1
Screw M6x14	00382-16	1
Screw M6x10	01046-60	2
Screw M6x20	05404-03	2
Tie-rod	00231-01	2
Sticker "Memo notes"	01180-01	1
Sticker set	10207-01	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 Yamaha R7

YA 589

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 or lift it so that the rear wheel barely touches the ground.

2.

Remove the chain/rear wheel cover.

3.

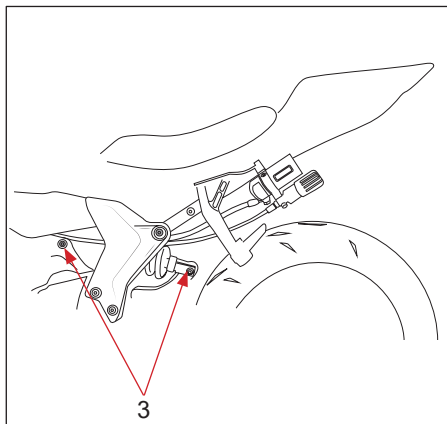
Remove the lower and upper screw to the std shock absorber.

4.

Remove the std shock absorber.

5.

Mount the Öhlins unit with the hose to the left hand side pointing rearwards.



MOUNTING INSTRUCTIONS

6.

Mount the supplied bracket (01165-27) at the inside of the passenger fotpeg bracket.

7.

Mount the reservoir bracket (03102-20) to the bracket (01165-27) using M6x10 screws (01046-60).

8.

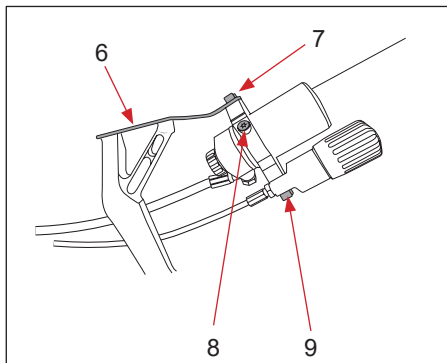
Slide the reservoir into the reservoir bracket and position it according to the picture, so the hose is not interfering with anything. Use M6x14 screw (00382-16) to clamp the reservoir.

9.

Use M6x20 screws (05404-03) to fasten the preload adjuster to the reservoir bracket.

10.

Use tie-raps (00231-01) to fasten the hoses.



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.

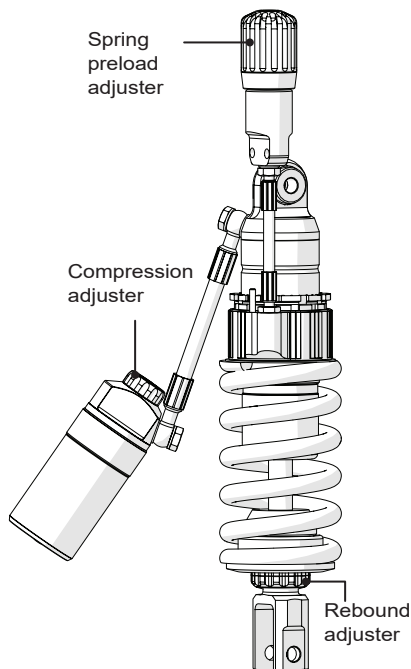
SETUP DATA

Length	311.5	mm
Stroke	52.5	mm
Rebound	12	clicks
Compression	12	clicks
Spring preload	16	mm
Spring	01093-49	
Spring rate	130	N/mm
Spring free length	150	mm

Recommended free sag and ride height		
R1-R2		mm
R1-R3	19	mm
F1-F2 (std spring)		mm
F1-F3	41	mm

Alternative springs

Rider weight [kg]	50	60	70	80	90	100	110
Spring rate [N/mm]	110	110	130	130	130	150	150
Preload [mm]	15.5	17	14.5	16	17.5	15.5	16.5
Part number	01093-39	01093-39	01093-49	01093-49	01093-49	01093-59	01093-59



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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