

👁 Note!

Before installing this product, check the contents of the kit. If anything is missing, please contact an Öhlins dealer.

Kit Contents

Description	Part No	Pcs
Shock absorber	PI110002	1
Sticker Öhlins	00192-01	2
Sticker Öhlins white	01185-01	2
Sticker Öhlins black	01185-04	2
Tool preload adjuster	03199-03	1
Owner's manual	07421-02	1

👁 Note!

Please note that this image is a general representation of the product and may differ slightly from your product.

👁 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.

Front Shock Absorber for Vespa Sprint 150

PI110002

Mounting Instructions

MOUNTING INSTRUCTIONS

Warning!

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

Warning!

If working on a raised vehicle, ensure it is securely supported so that it will not tip over.

Note!

When working on this product, always see the Vehicle Service Manual for vehicle specific procedures and important data.

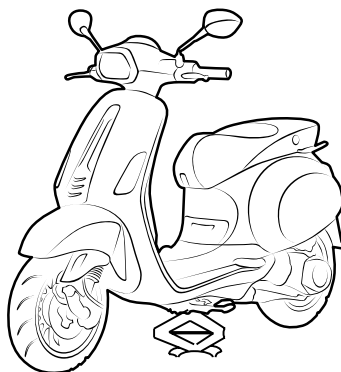
Caution!

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.

1

Put the motorcycle on the center stand, so that the rear wheel barely touch the ground. Make sure the motorcycle is in a stable position.

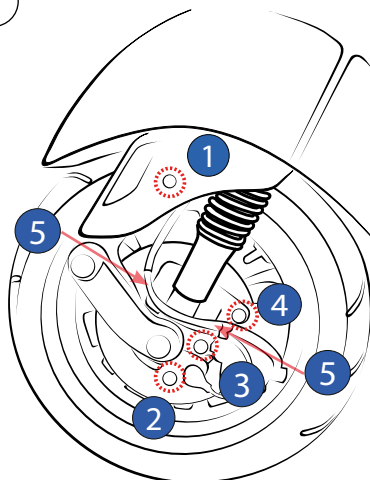
1



2

Untighten the screw 1 in order to remove the plastic cover. Untighten the screw 2 in order to remove the ABS sensor. Untighten the screw 3 & 4 in order to remove the brake caliper. Untighten and remove the lower mounting bolt of the shock absorber (5).

2



Note!

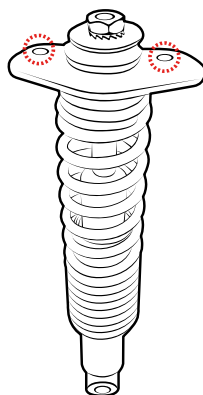
Do not lose the 4 O-rings : It has to be re-installed in the same position.

MOUNTING INSTRUCTIONS

3

Remove the standard shock absorber by loosening the 2 top mounting screws.

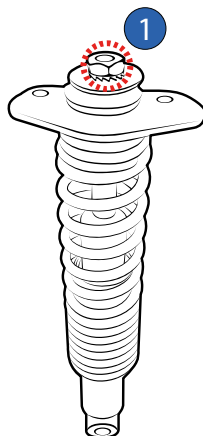
3



4

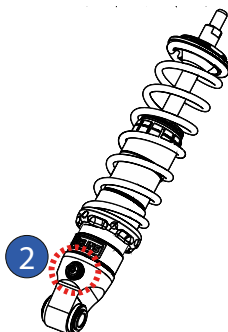
Remove the nut 1, the mounting plate, washers and rubber bushings. Re-install all these parts (nut, washers, rubber bushing, mounting plate) together with Öhlins shock absorber (filling screw 2 facing outside). Reverse all procedures.

4



👁 Note!

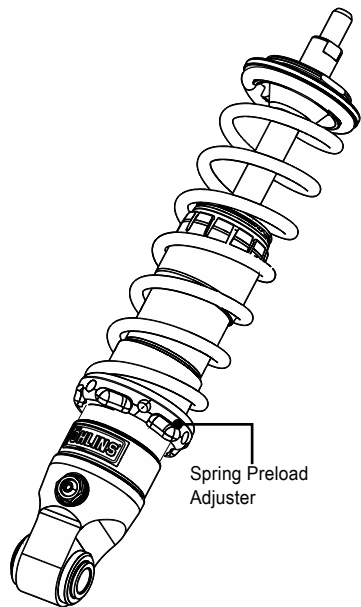
Due to manufacturing tolerances of the plastic fairing it is necessary to check the clearance between the front fender and the shock absorber after assembling. If the clearance is less than 8mm it is necessary to adjust the position of the front fender. Loosen the three bolts that hold the fender and adjust it to achieve the clearance.



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.



SET-UP DATA

Recommended set-up

Spring Preload 8mm

Spring

Part No 60001-08

Free spring length 180 mm

Spring rate [16.5-26.5]N/mm

Preload adjustment range.. [0-29]mm

Shock absorber data

Length 270 mm

Stroke 70 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.

Part no. MI_PI110002_1
Issued 2015-12-01



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Öhlins Asia Co. Ltd
700/937 Moo5, Tambol Nongkhaga,
Amphur Phantong, Chonburi Province
20160 Thailand



www.ohlins.com