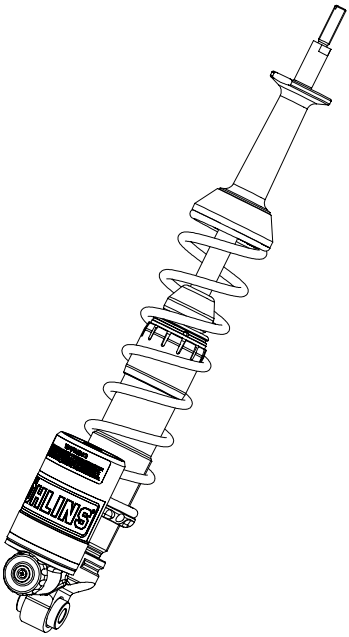


Note!

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	PI 812	1
Bracket	60130-11	1
Bracket	60130-12	1
Screw M10X60	64628-01	1
Screw M8x55	01046-27	2
Washer 10.5/20/2	60426-01	1
Nut M10	00430-01	1
Nut M8	00430-05	2
Tool preload adjuster	03199-03	1
Sticker set "ÖHLINS"	10207-01	1
Owners manual	07241-02	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.

Rear Shock Absorber for Vespa Sprint Black Line 125/ 150 ABS- Rear

PI 812

Mounting Instructions

ÖHLINS
ADVANCED SUSPENSION TECHNOLOGY

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!

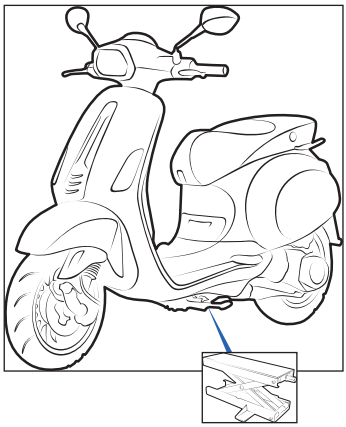
When working on this product, always see the Vehicle Service Manual for vehicle specific procedures and important data.

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.

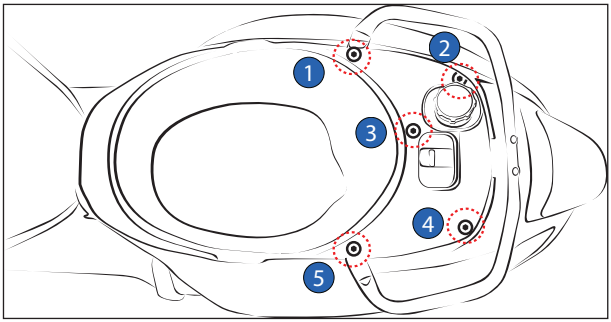
1

Put the motorcycle on a work stand so that the rear wheel barely touches the ground. Make sure the motorcycle is in a stable position.



2

Open the seat. Loosen the screws ①②③④⑤ and the fuel tank cap in order to remove the under-seat compartment.

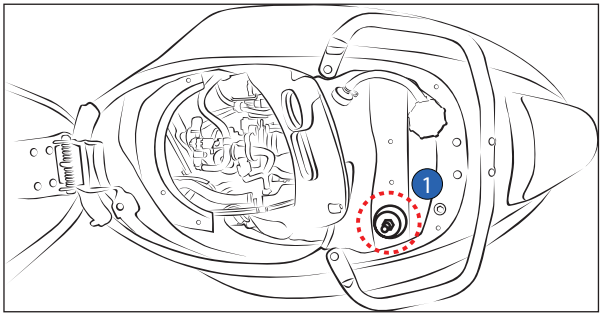


3

Screw back the fuel tank cap (for your safety).
Remove the shock absorber top mounting nut ①.

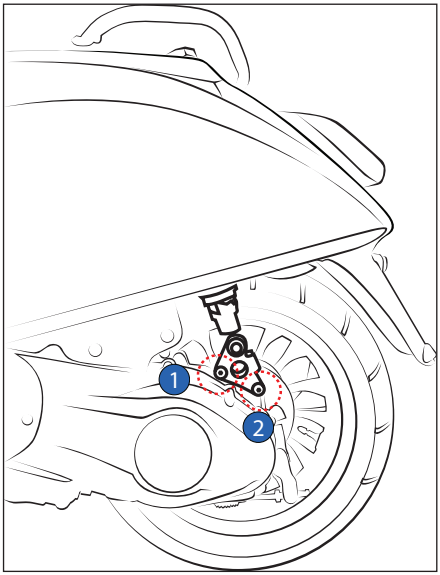
Note!

Do not drop / lose any component: it has to be re-installed on Öhlins shock absorber in the same order as it was on the standard shock absorber.



4

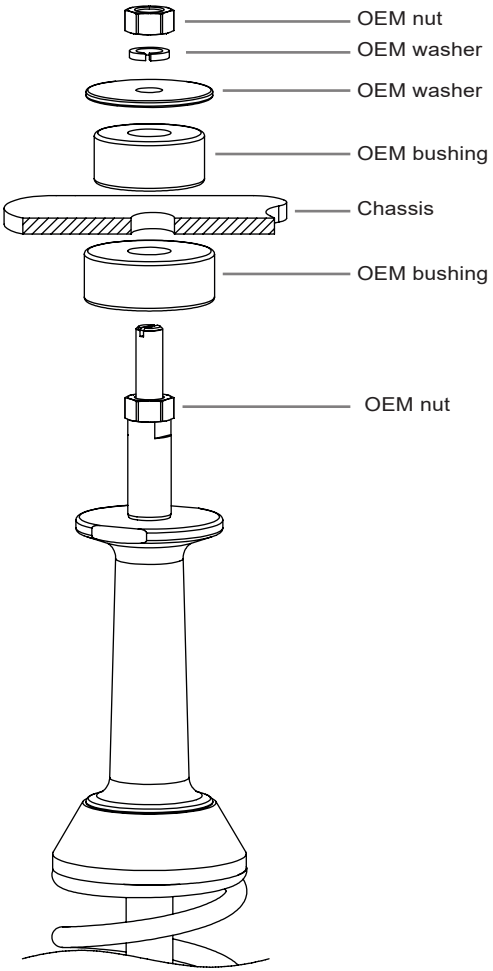
Remove the standard shock absorber by loosening the 2 bracket mounting screws ①②.



MOUNTING INSTRUCTIONS

5

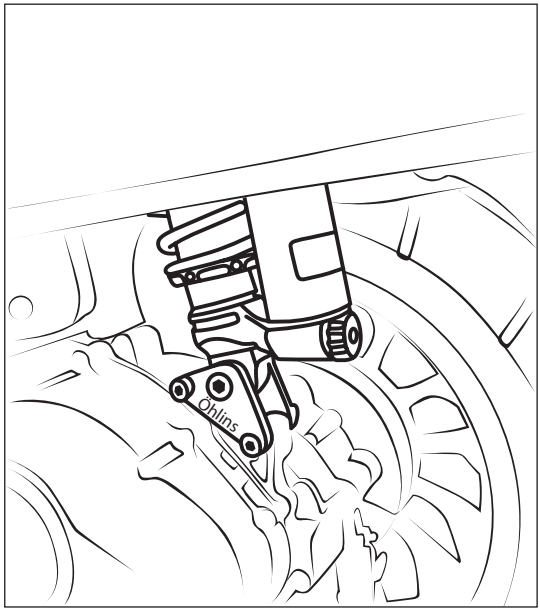
Prior assembly the Öhlins shock absorber on the motorcycle install the OEM nut and the OEM bushing as per diagram P1



P1

6

Install the Öhlins brackets and the Öhlins shock absorber, and reverse all the procedures.



Note!

Due to manufacturing tolerances of the plastic fairing it is necessary to check the clearance between the rear hugger and the shock absorber after assembling. If the clearance is less than 8mm it is necessary to trim the plastic edge of the rear hugger towards the shock absorber with a sharp knife.

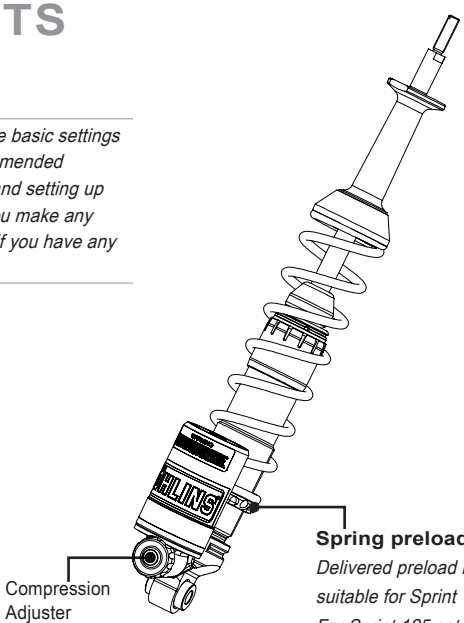
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ADJUSTMENTS

⚠ 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.



Spring preload

Delivered preload is 28 mm which is suitable for Sprint 150.

For Sprint 125 set the preload at 16 mm.

SET-UP DATA

Recommended set-up

Spring Preload Sprint 150.....	28 mm
Spring Preload Sprint 125.....	16 mm
Compression Adjuster	10 clicks

Shock absorber data

Length	389 mm
Stroke	87 mm

Spring

Part No	60480-04
Free spring length	230 mm
Spring rate	prog 20-28 N/mm
Preload adjustment range.....	[10-42] 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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