

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 502 | 1 |
| Bracket | 60130-21 | 1 |
| Bracket | 60130-22 | 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.

Shock Absorber Piag Vespa Sprint 125/150-ABS Rear

PI 502

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!

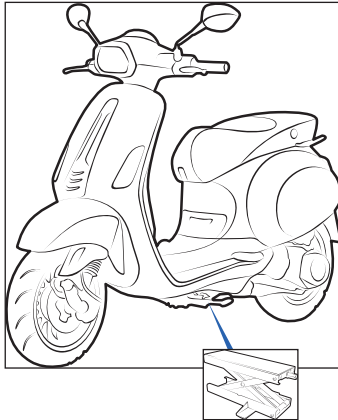
When working on this product, always see the Vehicle Service Manual for vehicle specific procedures and important data.

👉 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.

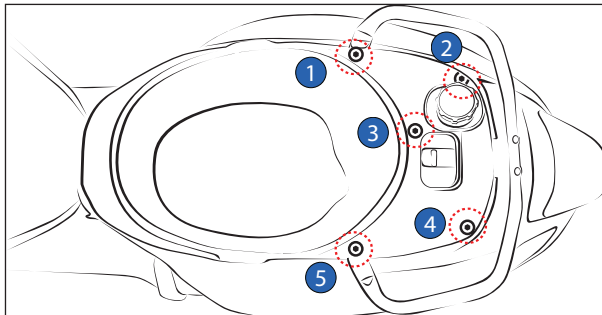
1

Put the motorcycle on 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.



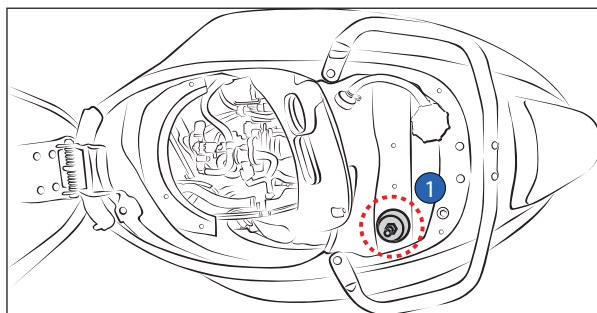
MOUNTING INSTRUCTIONS

3

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

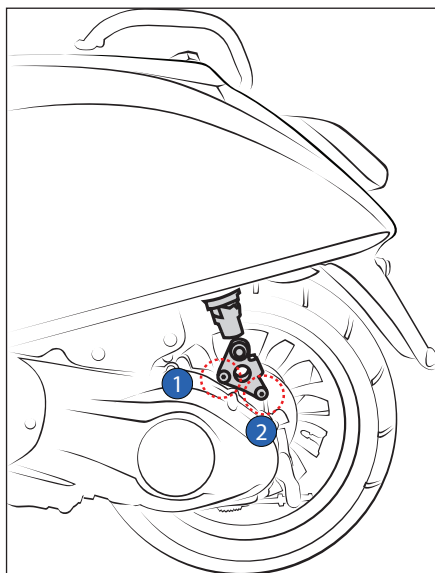
👁 **Note!**

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

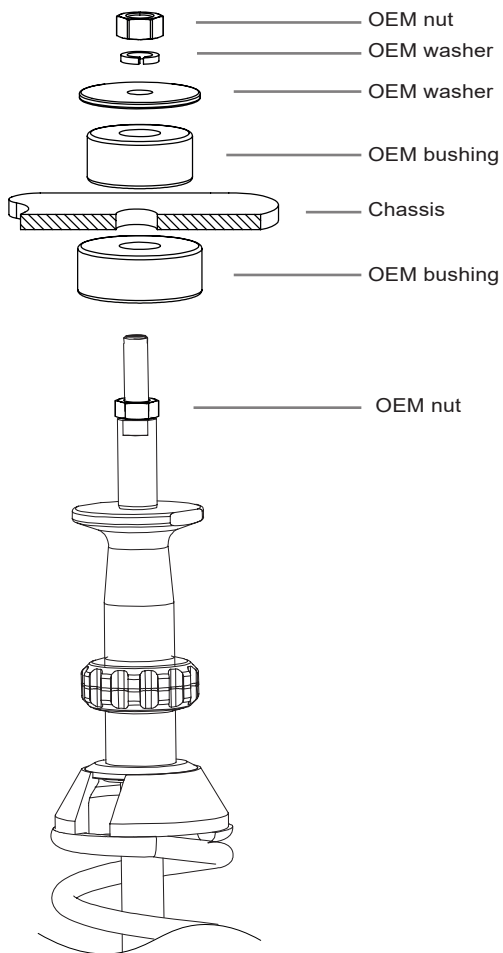
Remove the standard shock absorber by loosening the 2 bracket mounting screws ①②.



MOUNTING INSTRUCTIONS

5

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

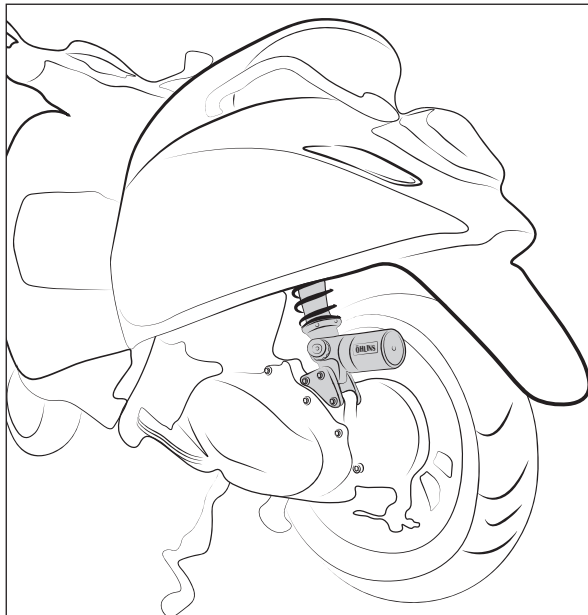


P1

MOUNTING INSTRUCTIONS

6

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



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ADJUSTMENTS

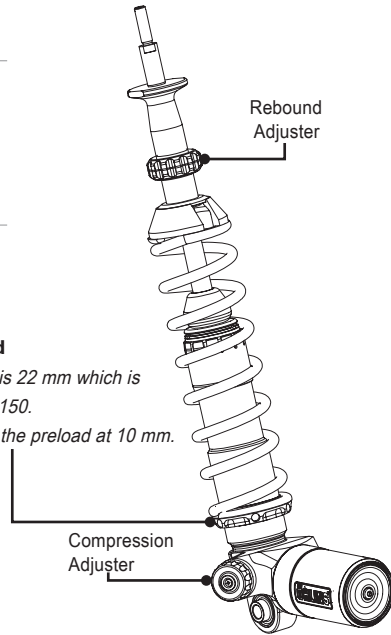
⚠ Warning!

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 22 mm which is suitable for Sprint 150.

For Sprint 125 set the preload at 10 mm.



SET-UP DATA

Recommended set-up

Spring Preload Sprint 150..... 22 mm
Spring Preload Sprint 125..... 10 mm
Rebound Adjuster..... 16 clicks
Compression Adjuster 14 clicks

Shock absorber data

Length 389.5 mm
Stroke 86.5 mm

Spring

Part No 60480-14
Free spring length 230 mm
Spring rate prog 20-23 N/mm
Preload adjustment range..... [10-43]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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