

👁 **Note!**

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

Kit Contents

Description	Part No	Pcs
Shock absorber	HO 821	1
Bracket reservoir 44	03102-15	1
Bracket, Reservoir	60006-22	1
Screw M6x12	01046-36	2
Screw M6x14	00382-16	1
C-spanner S46	60710-02	1
Sticker set "ÖHLINS"	10207-01	1
Cable-tie 4.8	60231-01	1
Owners manual road & track	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 for Honda CB500R

HO 821

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!

Before mounting this product clean the vehicle thoroughly.

👁 Note!

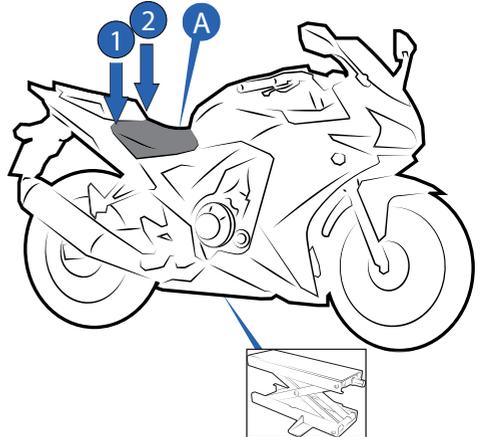
When working on this product, always see the Vehicle Service Manual for vehicle specific procedures and important data.

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

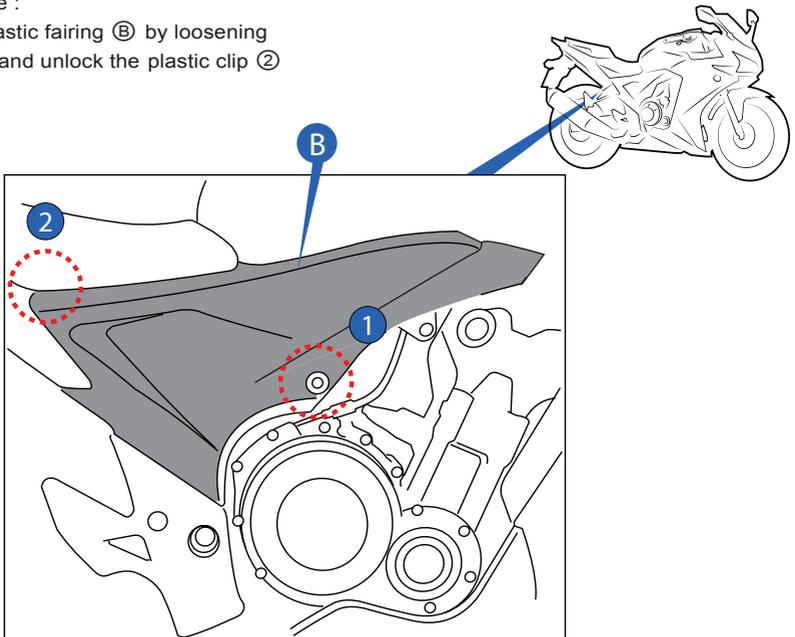
Remove the rider seat **A** by loosening the screws **1** **2** are underneath



3

On LH&RH side :

Remove the plastic fairing **B** by loosening the screws **1** and unlock the plastic clip **2**

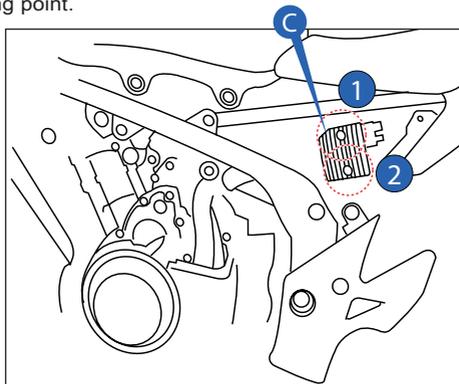


MOUNTING INSTRUCTIONS

4

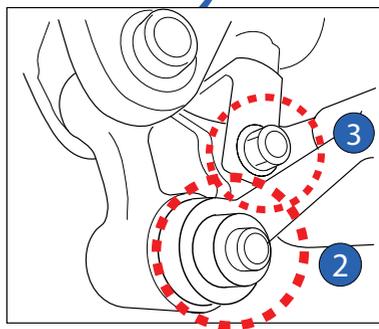
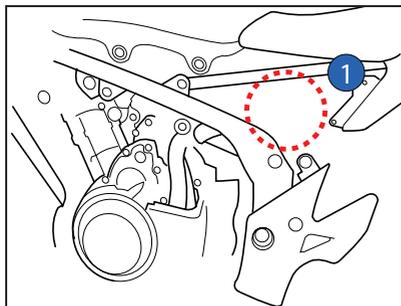
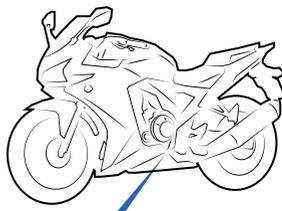
On RH side :

Dislocated the regulator © by loosening the screw ① ② in order to access the shock absorber upper mounting point.



5

Uninstall the original shock absorber by loosening the upper ① and lower mounting bolts ② ③



MOUNTING INSTRUCTIONS

6

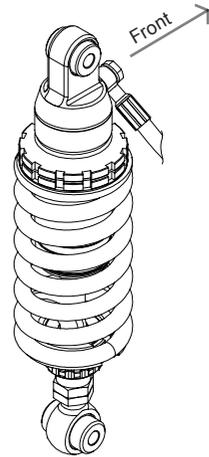
Install the Öhlins shock absorber with the hose pointing towards the front of the motorcycle. Rout the reservoir to the right side passing the hose underneath the rear brake line. Tightening the shock absorber and linkage mounting bolts ① ② ③ at a torque value as per vehicle service manual.

Note!

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

Caution!

Ensure 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.

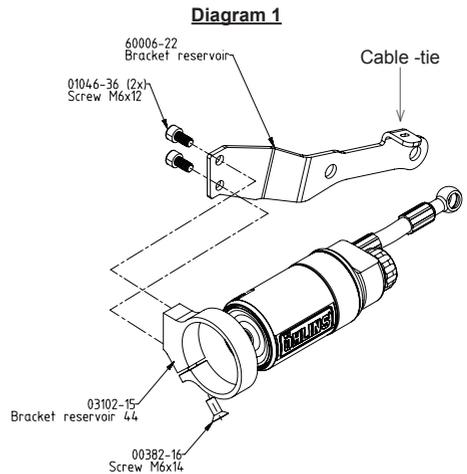


7

Install the reservoir and brackets follow the diagram 1 and clamp the hose by cable-tie.

8

Reverse all procedures as necessary.



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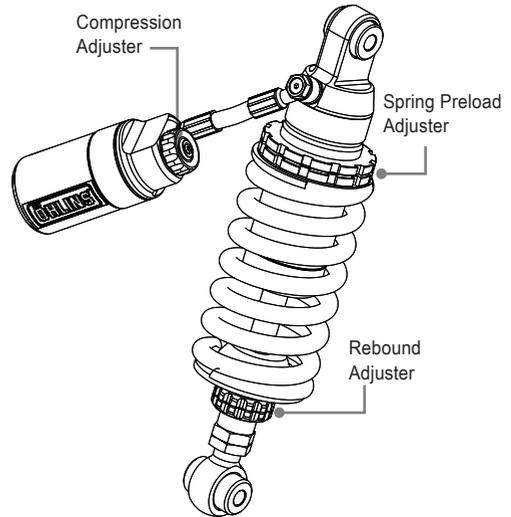
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ADJUSTMENTS

⚠ 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.



SET-UP DATA

Recommended set-up

Spring Preload.....	8 mm.
Compression adjuster	12 Clicks
Rebound adjuster	14 Clicks

Shock absorber data

Length	307 ⁺⁸ / ₋₃ mm.
Stroke	55 mm.

Spring

Part No	61093-49
Free spring length	150 mm.
Spring rate	130 N/mm
Preload adj.range	[0-14] 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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