

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	HO110027	1
Bracket Reservoir	60006-05	1
Bracket Reservoir	03102-18	1
Screw M6x14	00382-16	1
Screw M6x12	01046-36	2
Sticker Öhlins	00192-01	2
C-spanner	00710-02	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 for Honda CB 650 F / CBR 650 F

HO110027

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.

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CB 650

1

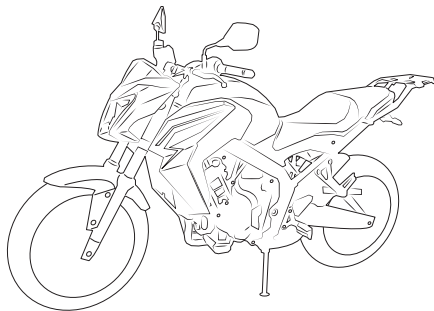
Put the motorcycle on a work stand so that the rear wheel barely touches the ground. Make sure the motorcycle is in a stable position.

Note!

Before mounting this product clean the vehicle thoroughly.

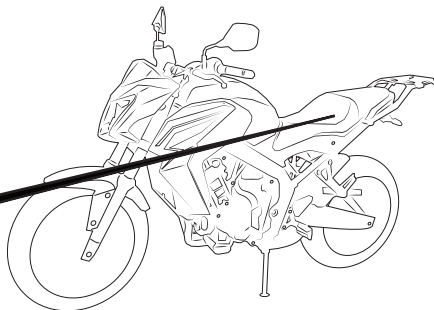
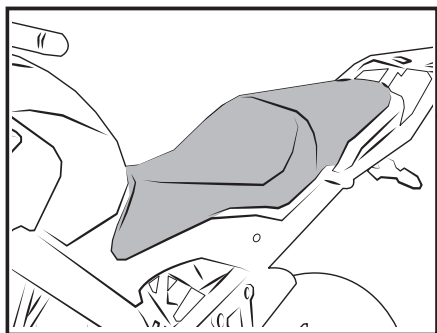
Note!

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



2

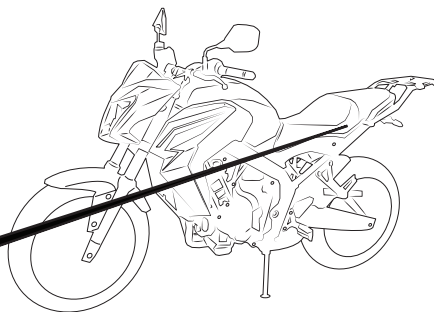
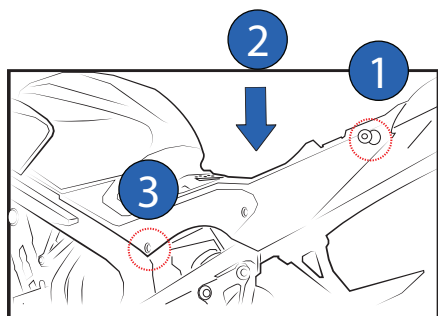
Open the seat and remove it.



MOUNTING INSTRUCTIONS

3

Remove the center fairing on both sides by loosening the bolt (1) then unlock the plastic clip inside as indicated by arrow (2) and loosen the plastic clip (3).

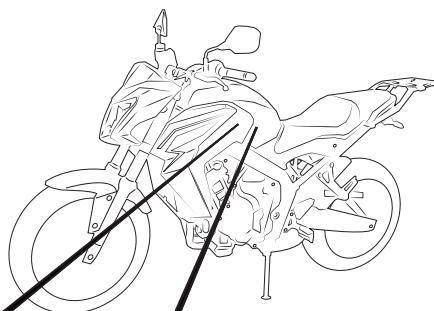
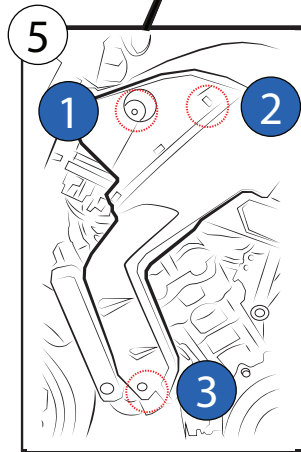
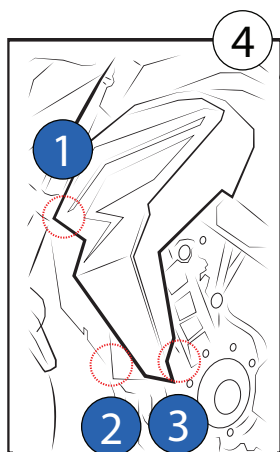


4

Remove the front outer fairing on both sides by loosening the three bolts (1) (2) (3).

5

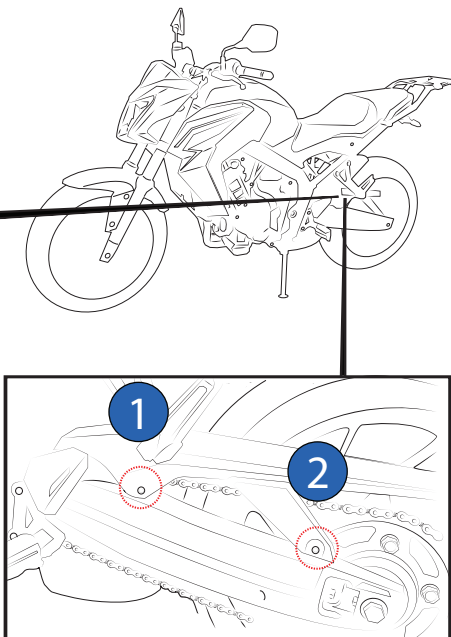
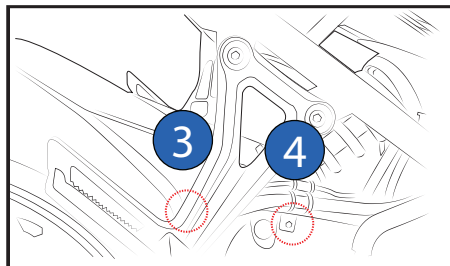
Remove the front inner fairing on both sides by loosening the three bolts (1) (2) (3).



MOUNTING INSTRUCTIONS

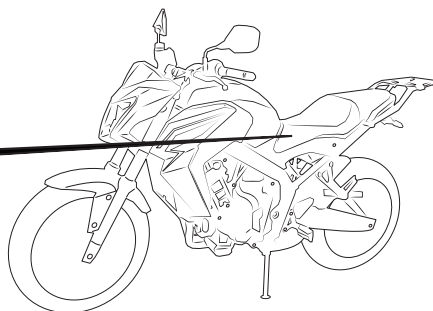
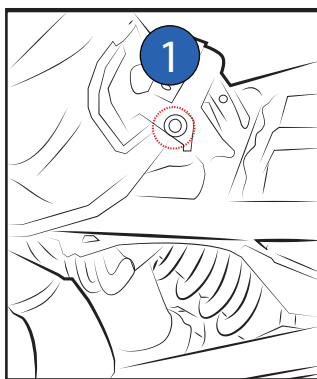
6

Remove the chain guard by loosening the four screws (1) (2) (3) (4).



7

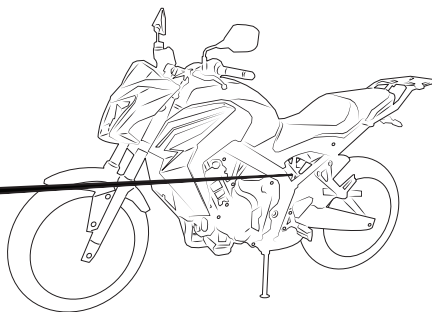
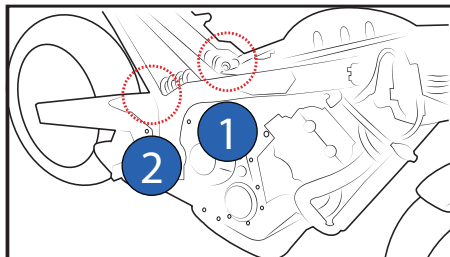
Lift the fuel tank up by loosening the bolt (1).



MOUNTING INSTRUCTIONS

8

Remove the standard shock absorber by loosening the upper and the lower shock absorber mounting bolts (1) (2).



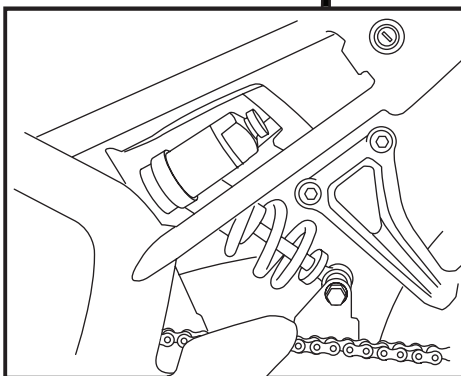
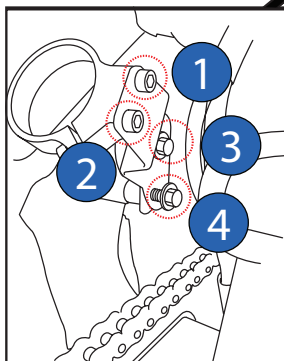
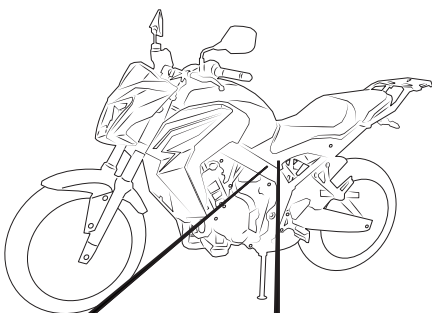
9

Fix the reservoir bracket to the bracket support. Do not tighten yet (1) (2).

Remove the two screws (3) (4) without remove the two spacers and install the bracket support onto place.

Install the Öhlins shock absorber by tightening the upper and the lower bolts shock absorber. Use torque values specified in HONDA service manual.

Install the reservoir into the reservoir bracket then align the reservoir parallel with the chassis of motorcycle and tighten the two screws (1)(2)(as per picture).

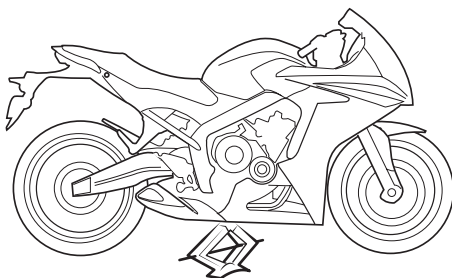


MOUNTING INSTRUCTIONS

CBR 650 F

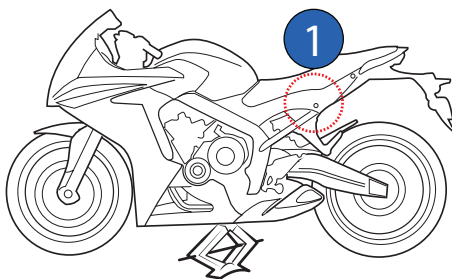
1

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

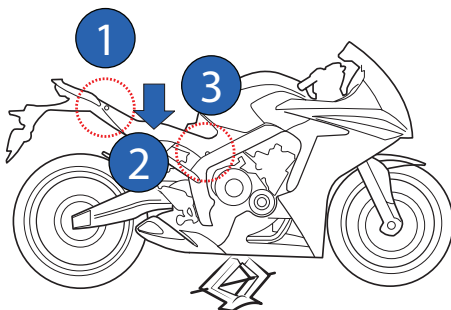
Open the seat and remove it.



MOUNTING INSTRUCTIONS

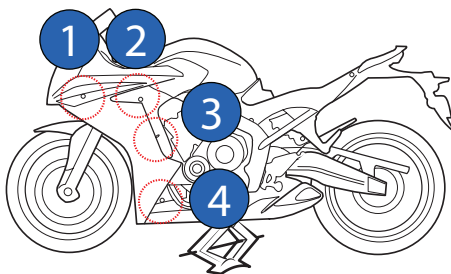
3

Remove the center fairing on both sides by loosening the bolt (1) then unlock the plastic clip inside as indicated by arrow (2) and loosen the plastic clip (3).



4

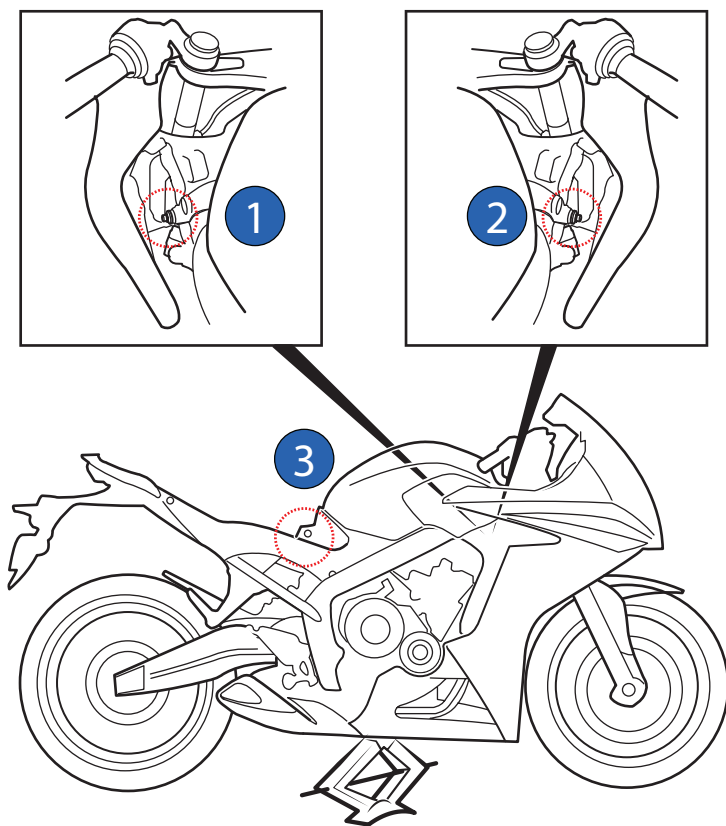
Release the front fairing on both sides by loosening the four bolts (1)(2)(3)(4).



MOUNTING INSTRUCTIONS

5

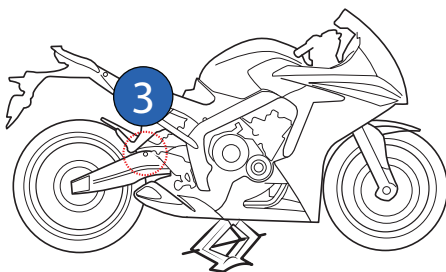
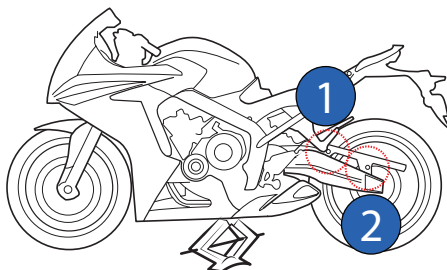
Loosen the three bolts (1)(2)(3) and lift the fuel tank up in order to access the upper bolt shock absorber.



MOUNTING INSTRUCTIONS

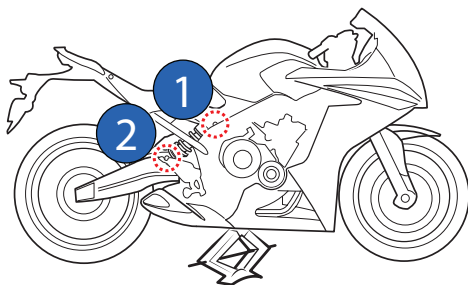
6

Remove the chain guard by loosening the three bolts (1)(2)(3).



7

Remove the standard shock by loosening the upper (1) and the lower (2) bolts shock absorber.

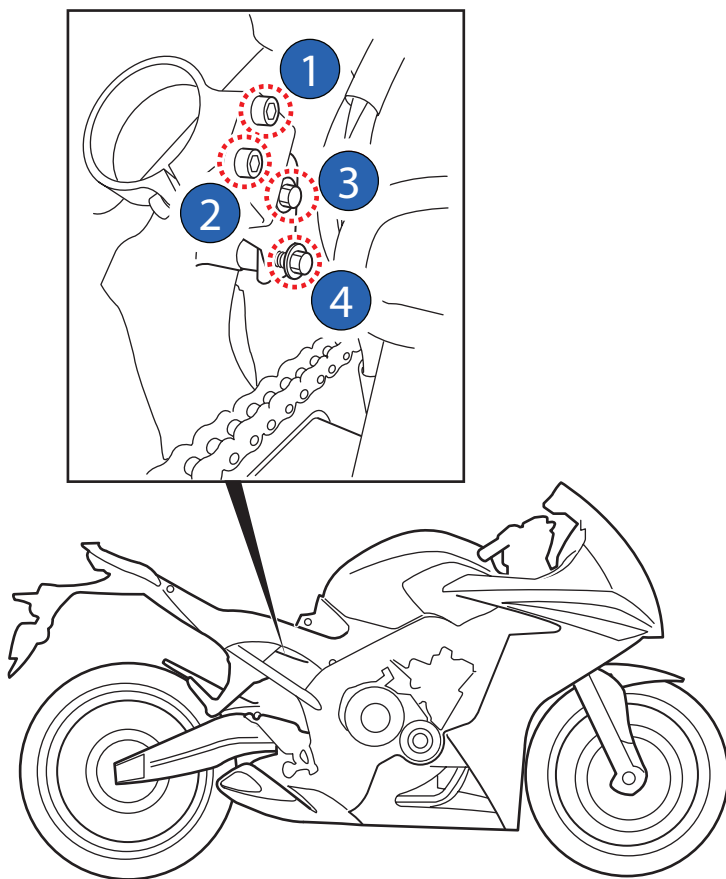


MOUNTING INSTRUCTIONS

8

Fix the reservoir bracket to the bracket support.
Do not tighten yet (1)(2).

Remove the two screws (3)(4) without remove
the two spacers and install the bracket support
onto place.



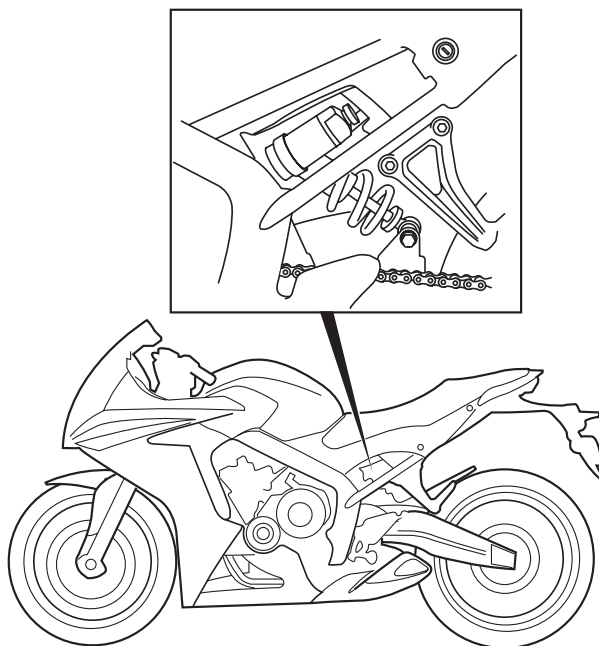
MOUNTING INSTRUCTIONS

9

Install the Öhlins shock absorber by tightening the upper and the lower bolts shock absorber. Use torque values specified in HONDA service manual.

Install the reservoir into the reservoir bracket then align the reservoir parallel with the chassis of motorcycle (as per picture).

Reverse all procedures as required.



Note!

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

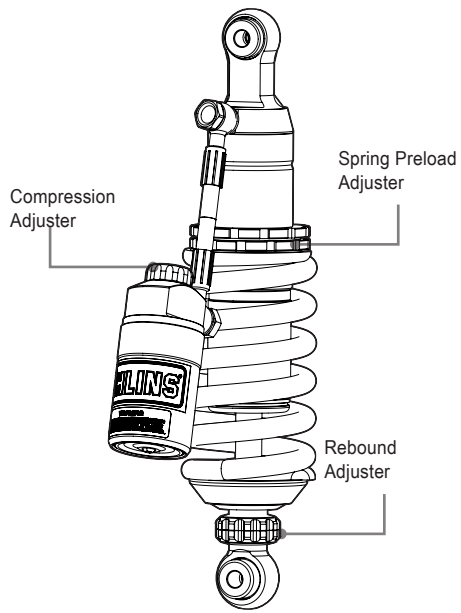
Caution!

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.

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	7 mm
Compression adjuster	16 Clicks
Rebound adjuster	14 Clicks

Shock absorber data

Length	331 mm
Stroke	49 mm

Spring

Part No	60016-69
Free spring length	170 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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