

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	BE 821	1
Spacer 6.5/18/2	63118-03	2
C-spanner S36	60710-01	2
Sticker set "ÖHLINS"	10207-01	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 Benelli TNT 135

BE 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!

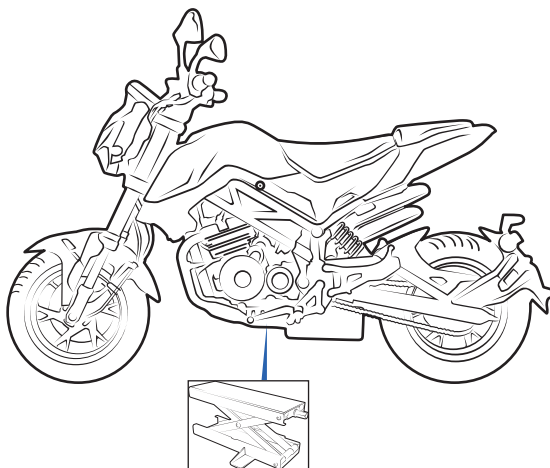
Before mounting this product clean the vehicle thoroughly.

Note!

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

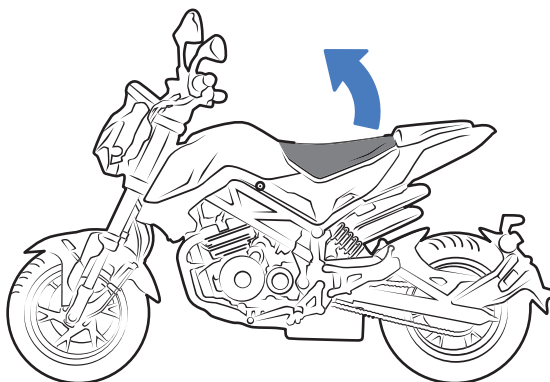
1

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

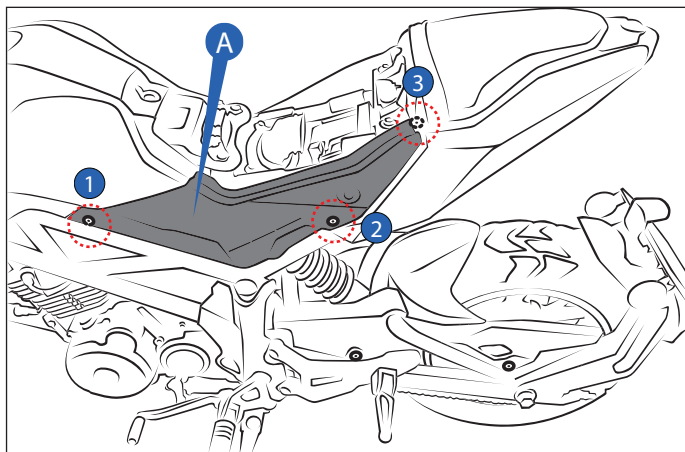
Open the seat by using the ignition key.



MOUNTING INSTRUCTIONS

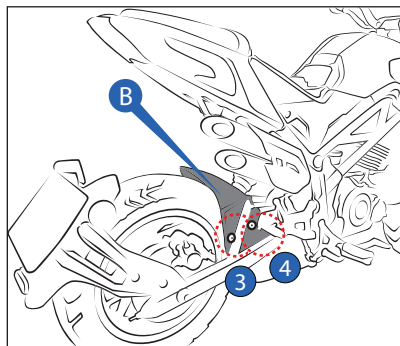
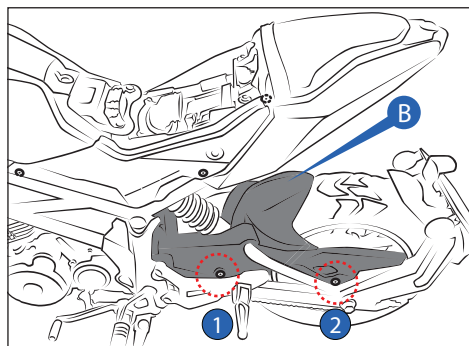
3

LH side : Remove the plastic fairing **(A)** by loosening the screws **① ② ③**



4

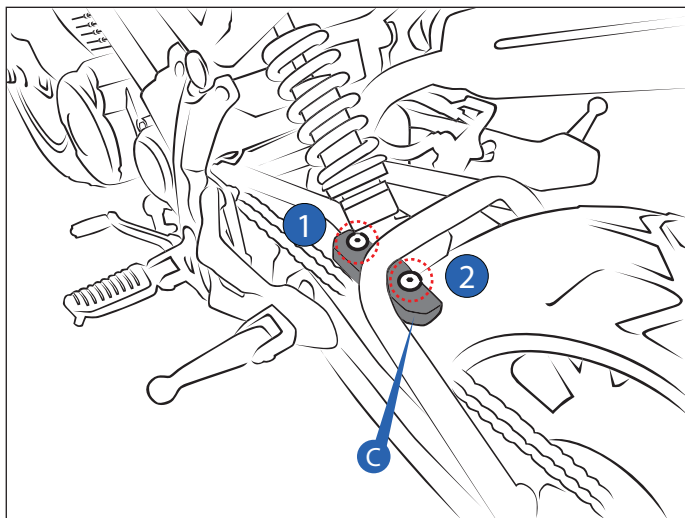
Remove the rear mudguard **(B)** by loosening the screws **① ② ③ ④**



MOUNTING INSTRUCTIONS

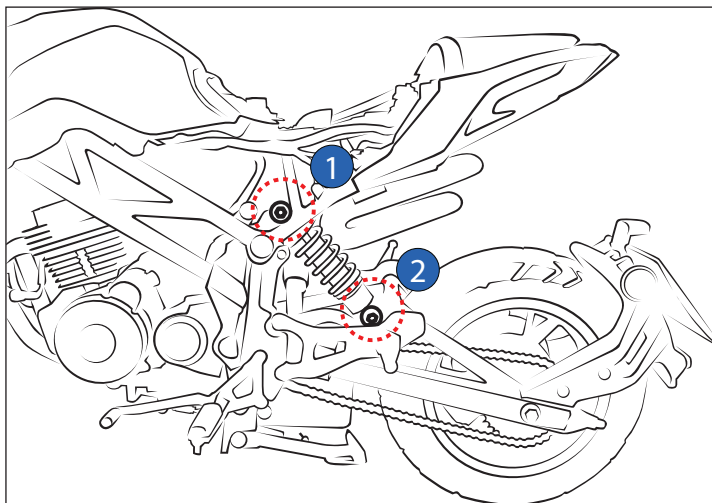
5

Remove the chain guard © by loosening the screws ① ②



6

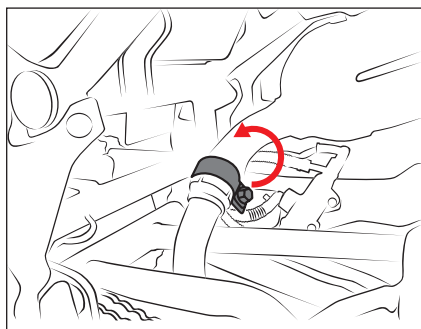
Remove the standard shock absorber by loosening the upper and lower mounting bolts ① ②



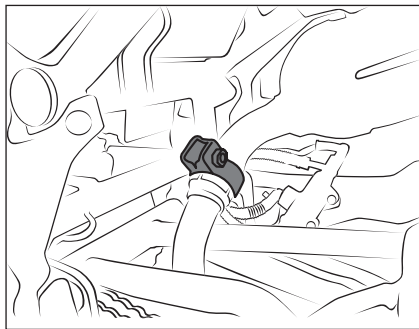
MOUNTING INSTRUCTIONS

👁 **Note!**

On some models it has been detected interference between muffler clamp and swingarm when the suspension is at fully compressed stroke. Make sure the muffler clamp is in the same position as picture 2



1

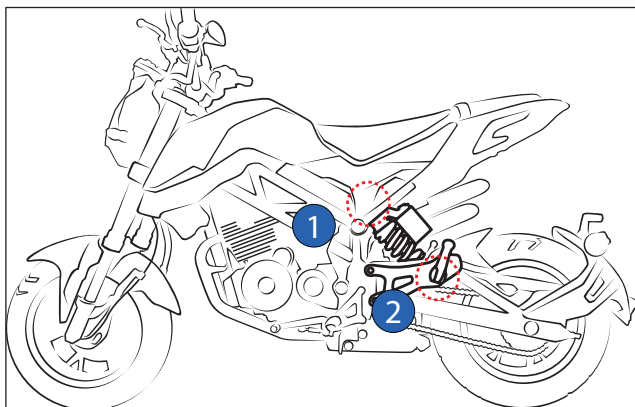


2

7

Install the Öhlins shock absorber by tightening the upper ① and lower ② mounting bolts.

Tighten at a torque value as specified in the vehicle service manual.

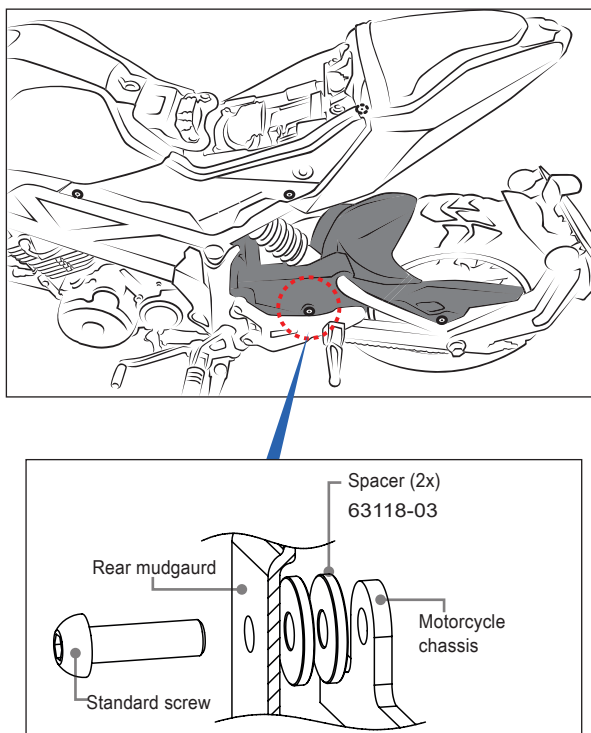


MOUNTING INSTRUCTIONS

8

Rear mudguard installation; Place the 2 spacers 63118-03 in between the motorcycle chassis and the rear mudguard as per diagram P1. This will ensure proper clearance between the spring and the rear mudguard.

Reverse all procedures as necessary.



P1

Note!

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

Caution!

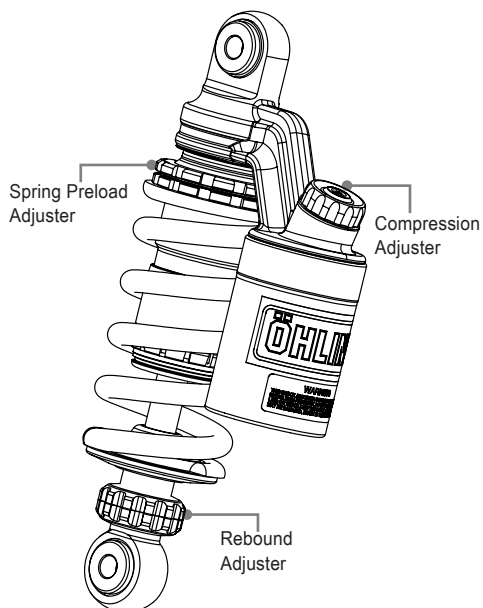
Ensure that all screws are tightened to the correct torque and that nothing fouls or restricts movement of the shock absorber when the suspension is fully compressed or extended.

This page intentionally left blank

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.....	4 mm.
Compression adjuster	14 Clicks
Rebound adjuster	14 Clicks

Shock absorber data

Length	240 mm.
Stroke	40 mm.

Spring Installed spring

Part No	66512-120
Free spring length...	125 mm.
Spring rate.....	120 N/mm
Preload adj.range....	[0-12] 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_BE 821_EN_0
Issued 2018-08-10

© Öhlins Asia Co. Ltd. All rights reserved. Any reprinting or unauthorized use without the written permission of Öhlins Racing AB is prohibited.

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



www.ohlins.com