

**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.

**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	YA 241	2
Screw Torx-pin M8	64628-03	2
Tool Torx-pin-M8	60000-05	1
Sticker set "ÖHLINS"	10207-01	1
Tool preload adjuster	03199-03	1
Owners manual road & track	07241-02	1
<b>Alternative spring</b>		
Spring 46/210/ Prog 13-14 N/mm	66381-03	2

**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 Yamaha Xmax 300

# YA 241

## 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.*

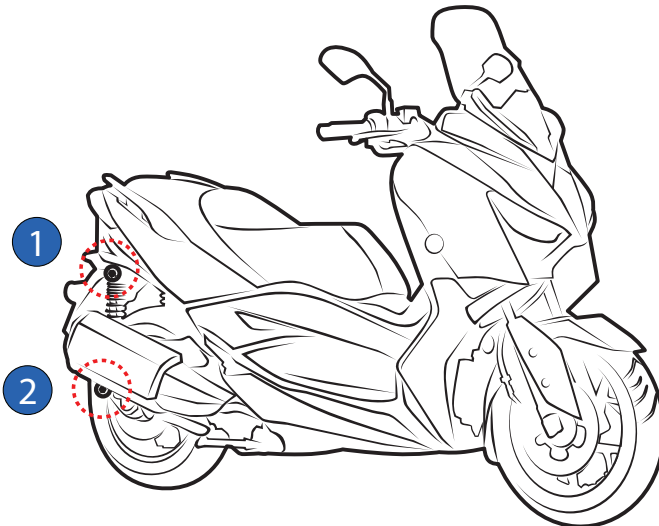
1

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

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

① ②.



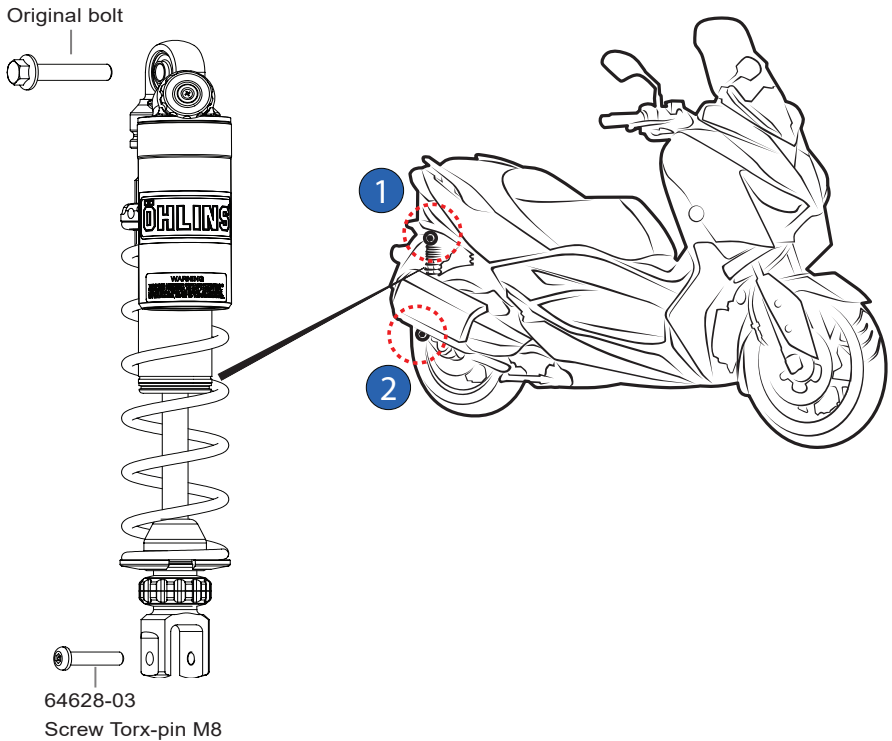
# MOUNTING INSTRUCTIONS

3

Install The Öhlins shock absorber:

- ① At the upper mounting point use the original bolt.
- ② At the lower mounting point use the torx screw M8 (special tool provided)

Tighten at a torque value as specified in the service manual and reverse all procedures.



## **Note!**

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

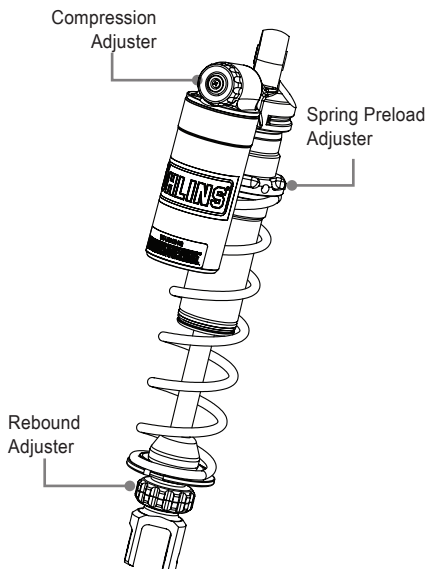
## **Caution!**

*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..... 10 mm.  
Rebound adjuster ..... 16 Clicks  
Compression adjuster..... 12 Clicks

### Shock absorber data

Length ..... 348 mm.  
Stroke ..... 97 mm.

### Spring

Part No 66381-02  
Free spring length 210 mm.  
Spring rate Prog.12-13 N/mm.  
Preload adj.range [0-26] mm.

### Installed Spring

### Alternative Spring

66381-03  
210 mm.  
Prog. 13-14 N/mm.  
[0-28] mm.

### Recommended spring

Spring part No.	Spring rate	For rider weight
66381-02	Prog.12-13 N/mm	Below 80 kg
66381-03	Prog.13-14 N/mm	Above 80 kg

👁 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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