

## SET-UP DATA

### Recommendations

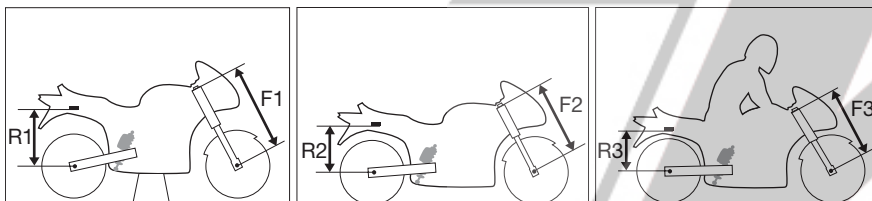
Spring preload	17 mm
Compression damping	2 clicks
Rebound damping	18 clicks

### Shock absorber facts

Length	324 (+10/-0) mm
Stroke	87 mm

Always ensure that the basic setting made by Öhlins is correct.

## CHECKING SAG AND RIDE HEIGHT



### Front suspension

- F1 Bike on a stand with the suspension fully extended  
 F2 Bike on the ground without rider  
 F3 Bike on the ground with rider

Free sag F1-F2=  
 Ride height F1-F3=

### Rear suspension

- R1 Bike on a stand with the suspension fully extended  
 R2 Bike on the ground without rider  
 R3 Bike on the ground with rider

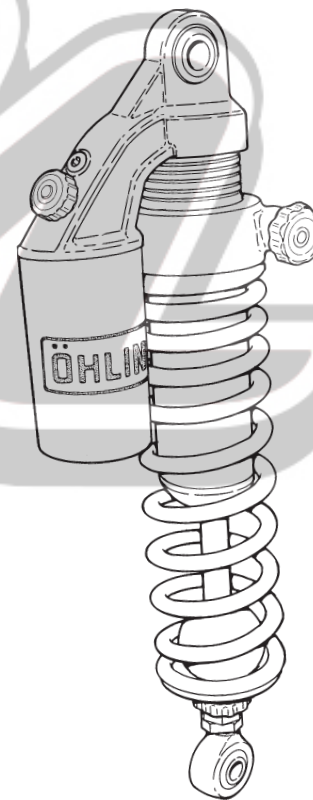
Free sag R1-R2=  
 Ride height R1-R3=

Read more about sag and ride height in your Öhlins Owner's Manual.

# Mounting Instructions

WITH SET-UP DATA

## SHOCK ABSORBER YA137 for Yamaha V-Max



Before installing this shock absorber, check the contents of the kit listed below. If anything is missing, please contact your nearest Öhlins dealer.

### Kit Contents:

	Art. No.	Pcs.
Shock absorber	YA137	2
Bolt	00439-18	1
Washer	03118-01	2
Öhlins Sticker	00192-01	2
Owner's Manual		1

### NOTE!

During storage and transportation, especially at high ambient temperature, the oil and grease used for assembling may run out inside the packing and damage the expanded polystyrene packing material. This is not unusual and is in no way detrimental to the shock absorber.

Before installing this product, read the Öhlins Owner's Manual!



## HOW TO INSTALL

1

Put the motorcycle on a workstand so that the rear wheel barely touches the ground.

### ⚠ WARNING!

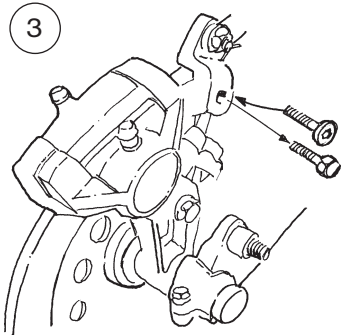
Make sure the vehicle is securely supported so that it will not tip.

2

Remove the original shock absorber. Consult your vehicle service manual.

3

Remove the original bracket bolt from the brake caliper. Install the bolt provided in this kit.



### NOTE!

Recommendation! Before installing the Öhlins shock absorber:

- clean the vehicle thoroughly
- adjust the length of the shock absorber

4

Install the Öhlins shock absorber in the same way as the original units. The cylinder head should be at the top and the reservoir pointing towards the rear. Make sure the spring preload adjuster is facing outwards.

5

On the right side; Install the washers, provided in this kit, between the frame brackets and the shock absorber. No washers on the left side.

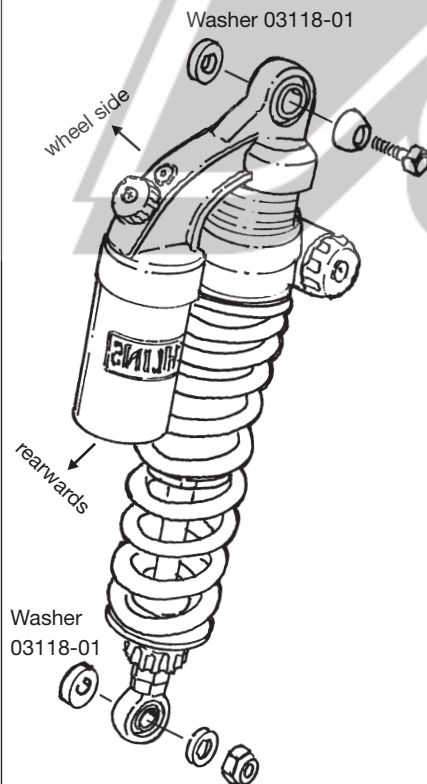
6

Read more about your shock absorbers in the Öhlins Owner's Manual.

### NOTE!

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 being fully compressed or extended.

### 5 Shock absorber on the right side



## ADJUSTMENTS

1

**Spring preload adjuster**  
Adjust by turning the knob at the end of the hydraulic adjuster. Turn clockwise to set the spring preload, turn counter clockwise to release.

2

**Compression adjuster**  
Adjust by turning the knob on top of the reservoir. The adjustments are made in four (4) steps.

3

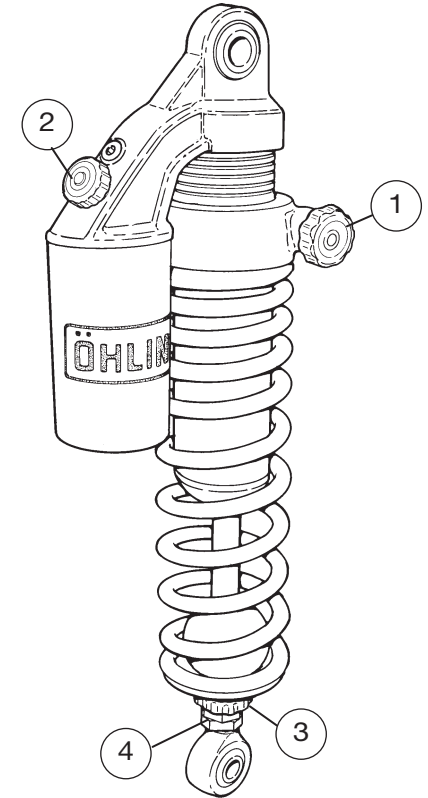
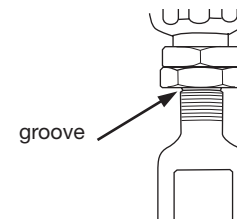
**Rebound adjuster**  
Turn the wheel on the piston shaft above the end eye bracket. Turn clockwise to increase damping, turn counter clockwise to decrease.

4

**Length adjuster**  
Use two wrenches. Hold the upper nut with one hand and at the same time loosen the lock nut (lower nut). Turn the end eye/bracket to the desired length. Lock the lock nut.

### ⚠ WARNING!

The adjustable end eye/ bracket must not be threaded out more than that the groove is fully visible beneath the lock nut. This is maximum length. After adjusting, make sure that the lock nut is tightened.



### NOTE!

When delivered the Öhlins shock absorber is dialed to recommended settings for the specific brand and make of the vehicle. If you have changed the setting, reset according to the set-up data.

To reset: The adjuster has a right hand thread. Turn the adjuster clockwise to fully closed (pos. zero [0]). Turn counter clockwise to open and count the clicks until you reach the recommended number in the set-up data.

### CAUTION!

Do not use force, delicate sealing surfaces can be damaged. Handtighten only.