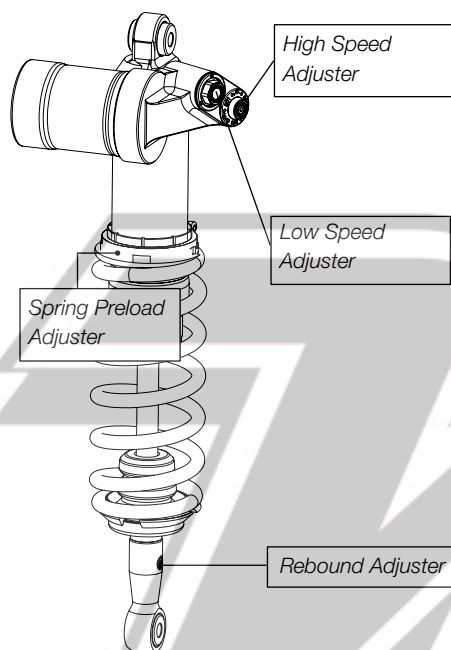


Adjustments

⚠ 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 the shock absorber.



Set-up Data

Recommended set-up

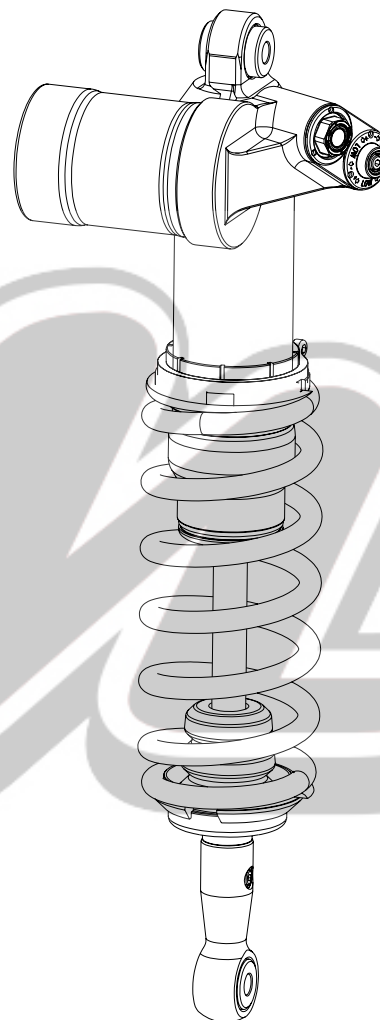
Spring preload approx	10 mm (5 turns)
Compr. low speed	12 clicks
Compr. high speed	Set to II
Rebound damping	18 clicks

Free sag and Ride height

R1 - R2	38 ± 5 mm
R1 - R3	103 ± 3 mm

Shock absorber data

Length	458 mm
Stroke	138 mm
Active range	126 mm



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

👁 Note!

Please note that the product image in this folder may differ from the product you have purchased.

Kit Contents

	Part No.	Pcs.
Shock absorber	YA 1394	1
Spring clip	15629-02	1
Öhlins Sticker	10207-01	1
Owner's Manual	07253-02	1
General Info Sheet	01198-01	1

👁 Note!

No spring included in this kit. See the Spring Guide in this folder, or contact an Öhlins dealer for advise.

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 may affect the stability of your vehicle.

👁 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 your Öhlins distributor. Please consult your Öhlins dealer if you have any questions regarding the contents in this document.

Part no. YA1394_0
Issued 2012-10-11



Shock Absorber for Yamaha YZ450F YA 1394

Mounting Instructions

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Brand	Rider's weight*	Spring	Spring rate
	kg/pounds		N/mm
Yamaha YZ450F	60/132	06310-09	50
	65/143	06310-09	50
	70/154	06310-10	52
	75/165	06310-10	52
	80/176	06310-11	54
	85/187	06310-11	54
	90/198	06310-12	56
	95/209	06310-12	56
	100/220	06310-13	58
	105/231	06310-14	60
	110/242	06310-15	62
	115/253	06310-16	64

Install the Spring

* Rider's weight: Rider wearing all riding equipment

Note!

Install the spring to the shock absorber before installing the shock absorber on the vehicle.

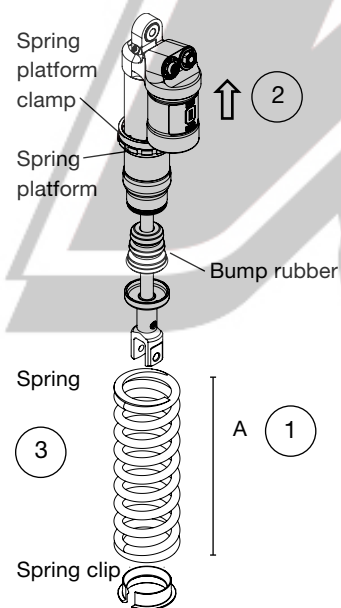
- 1 Measure the free length of the spring (A).
- 2 Loosen the screw on the spring platform clamp so that you can move the spring platform as far up as needed to install the spring.
- 3 Put the shock absorber up-side-down in a vice so that you can install the spring and the spring clip.

Note!

The spring platform and spring are press fitted. Push hard to install the spring.

- 4 Measure the spring length. Adjust the spring preload to the recommended setting, see section **Adjustments** and **Set-up data** in this folder.

- 5 Install the shock absorber to the vehicle according to the procedure in this folder. Check sag and ride height (see the Owner's Manual) and adjust the spring preload again if necessary.



Note!

Tighten the screw on the spring platform clamp before riding the motorcycle.

Warning!

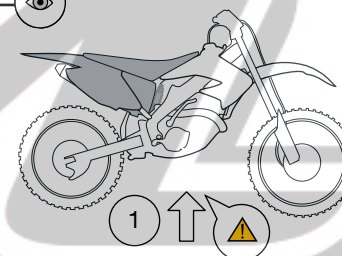
It is advisable to have an Öhlins dealer install the shock absorber.

Warning!

When working on a raised vehicle, make sure the vehicle is securely supported so that it will not tip.

When installing, consult your Vehicle Service Manual.

VEHICLE SERVICE MANUAL



- 1 Install the Öhlins shock absorber according to the vehicle manual.

Note!

Before installing the Öhlins shock absorber clean the vehicle thoroughly.

- 2 Make sure that all removed parts are reinstalled in the same way as they were before the installation of the Öhlins shock absorber.

Caution!

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 fully compressed or extended.

After installing this product, take a test ride at low speed to make sure that your vehicle has maintained its stability.

If the suspension makes an abnormal noise, or the function is irregular, or if you notice any leakage from the product, please stop the vehicle immediately and return the product to an Öhlins Service Centre.