

Kit Contents

Description	Part No	Pcs
Shock absorber	KT1684	1
Spring clip	15629-02	1
Sticker Öhlins	10207-01	1
Owner's manual	07253-02	1
Cool tool	24614-01	1

👁 Note!

No spring included in this kit. See the Spring guide in this folder or contact an Öhlins dealer for advice.

👁 Note!

Please note that the images in this folder are 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.

⚠ Warning!

Before installing this product, read the Öhlins Owner's Manual. The shock absorber/front fork/steering damper is an important part of your vehicle and will affect the stability.

Shock Absorber for KTM EXC, XC-W, XCF-W + Sixdays

KT 1684

Mounting Instructions

SPRING GUIDE

KTM EXC, XC-W, XCF-W and Sixdays 2-stroke

Rider's weight* kg/pounds	Spring	Spring rate
60/132	06320-16	64
65/143	06320-17	66
70/154	06320-18	68
75/165	06320-18	68
80/176	06320-19	70
85/187	06320-19	70
90/198	06320-21	75
95/209	06320-21	75
100/220	06320-24	80
105/231	06320-26	85
110/242	06320-26	85
115/253	06320-29	90

KTM EXC, XC-W, XCF-W and Sixdays 4-stroke

Rider's weight* kg/pounds	Spring	Spring rate
60/132	06320-17	66
65/143	06320-18	68
70/154	06320-19	70
75/165	06320-19	70
80/176	06320-21	75
85/187	06320-21	75
90/198	06320-24	80
95/209	06320-24	80
100/220	06320-26	85
105/231	06320-29	90
110/242	06320-29	90
115/253	06320-31	95

*Rider's weight: Rider wearing proper riding gear. Make sure you know your total weight with riding gear. Riding gear weighs between 5 and 15 kg.

INSTALL THE SPRING

👁 Note!

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

1

Measure spring free length (A).

2

Loosen the spring platform clamp screw 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. Install the spring and the spring clip.

👁 Note!

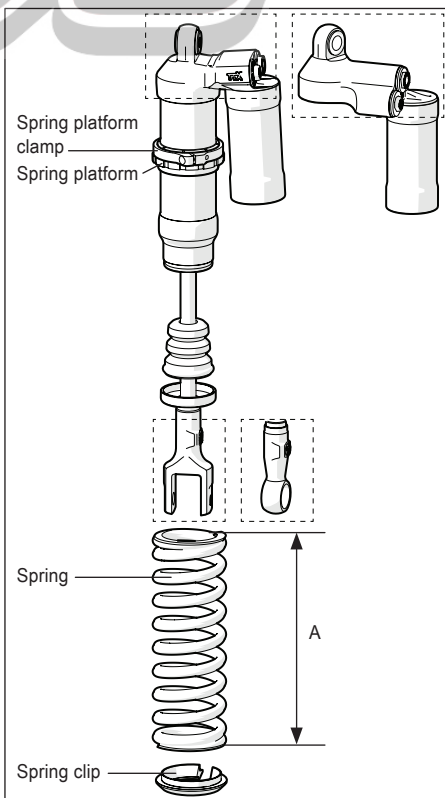
The spring platform and the spring are press fitted. Push hard to install the spring.

4

Measure the spring length. Adjust the spring preload to the recommended setup data in this folder.

👋 Caution!

Tighten the spring platform clamp screw before riding.



MOUNTING INSTRUCTIONS

⚠ Warning!

It is advisable to have an Öhlins dealer install the shock absorber/front fork/steering damper.

⚠ Warning!

If working on a raised vehicle, ensure it is securely supported so that it will not tip.

👁 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 workstand so that the rear wheel barely touches the ground.

2

loosen the lower and the upper attachments of the original shock absorber and remove it.

3

Install the Öhlins shock absorber in the same way as the original unit. Fasten it with the two original screws. Do not tighten yet.

⚠ Warning!

In some models the upper shock absorber bolt has a short thread, the bolt will risk bottoming before the shock absorber is correctly tightened. Vibrations may cause the bolt to come loose after some hours of use. If the bolt has a short thread, place a washer between the frame bracket and the upper bolt head.

👁 Note!

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

4

Tighten the upper and the lower attachments. Make sure that all removed parts are reinstalled in the same way as they were before the installation.

👋 Caution!

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

SETUP DATA

Length	419	mm
Stroke	117	mm
Spring preload approx.	10 (5)	mm (turns)
Compr. low speed	12	clicks
Compr. high speed	II	
Rebound	25	clicks

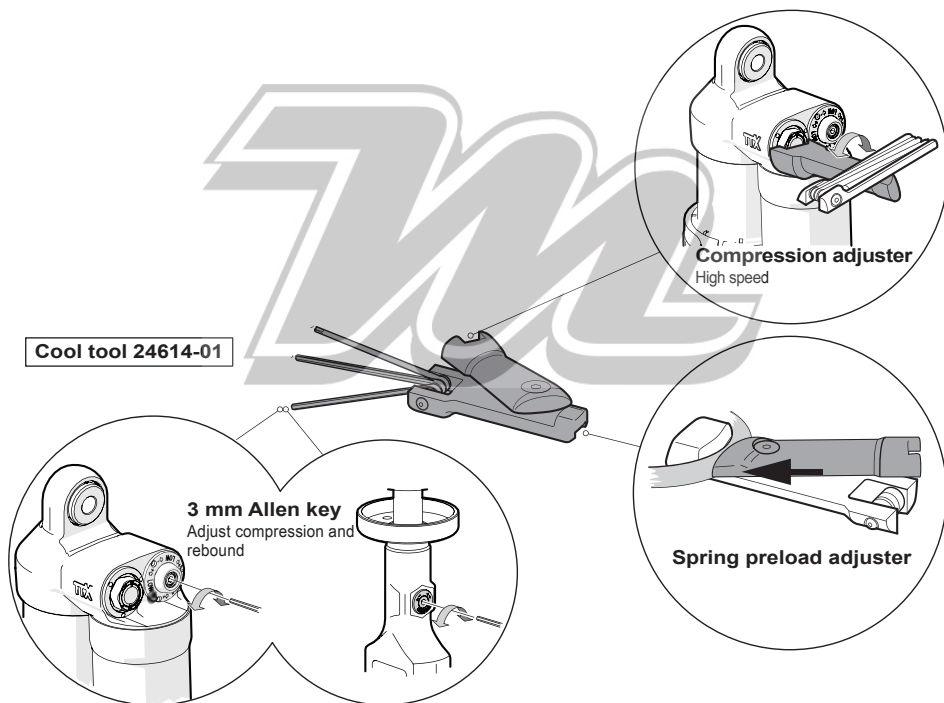
Free Sag and Ride Height

R1-R2	35±5	mm
R1-R3	110±5	mm

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.



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_KT1684_0
Issued 2015-07-06



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

Öhlins Racing AB
Box 722
S-194 27 Upplands Väsby, Sweden
Phone +46 8 590 025 00
fax +46 8 590 025 80



www.ohlins.com