

Kit Contents		
Description	**Part No**	**Pcs**
RXF 48S Front Fork	FFX 2209	1
Front fork sticker	00192-06	2
Sticker set Öhlins		1
Owner's manual	07295-32	1
Sticker service schedule MX fork & shock	15211-01	1

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.

RXF 48S Front Fork for Ducati Desmo 450 MX

FFX 2209

Mounting Instructions

ÖHLINS

MOUNTING INSTRUCTIONS

⚠ Warning!

We strongly recommend to let an Öhlins dealer install this product.

⚠ Warning!

If you work with a lifted vehicle, make sure that it is safely supported to prevent it from tipping over.

👁 Note!

When you work with this product, see the vehicle service manual for vehicle specific procedures and important data.

👁 Note!

Before you install this product clean the vehicle.

1

Place the motorcycle on a work stand so that the rear wheel barely touches the ground.

2

Remove the front wheel, plastic fork leg protectors and the brake caliper.

3

Measure the distance from the top of the upper triple clamp to the center of the front wheel axel, see figure.

Note measure	
Fork height position	

4

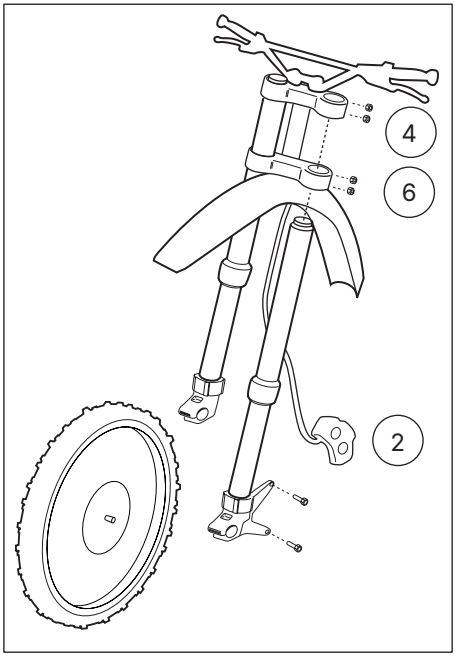
Loosen the upper triple clamp screws.

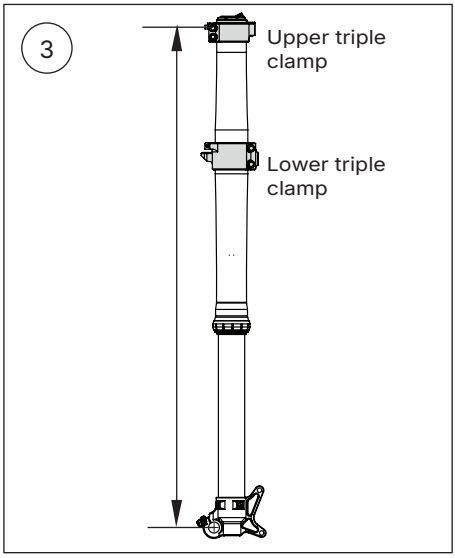
5

Loosen the lower triple clamp screws.

6

Remove the fork legs from the vehicle.





MOUNTING INSTRUCTIONS

7

Install the fork legs into the triple clamps. Use, to start with, the same height position as measured in step 3. Rotate the fork legs in the triple clamps to get access to the adjusters in the fork leg top cap. We recommend to rotate the adjuster access point towards the rear of the motorcycle, the "Ö"-logo readable from riding position.

8

Place the upper fork leg sticker and insert the lower plastic fork leg protectors, tighten the plastic fork leg protectors M6 to 7 Nm. Refer to the vehicle service manual to tighten the top and bottom triple clamp bolts to correct torque.

✋ Caution!

It is very important to tighten the triple clamps to the correct torque, refer to the vehicle service manual.

9

Install the brake caliper and the front wheel. Tighten the brake caliper bolts. Tighten the front wheel nut and the left side fork bottom screws. Make sure front fork legs are parallel before you tighten the right side fork bottom screws. Refer to the vehicle service manual to tighten the brake caliper and the front wheel axle to correct torque.
Tighten the fork bottom M8 to maximum 15 Nm.

⚠ Warning!

Do not over tighten the fork bottom M8 screws.

10

Make sure that all removed parts are installed correctly, refer to the instructions in the vehicle service manual.

SETUP DATA

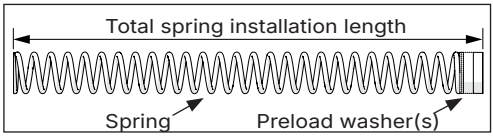
Front fork length	945	mm
Front fork stroke	301	mm
Rebound damping	14	clicks
Compression damping	14	clicks
Fluid volume (each leg) 450	0,420*	litre
Volume range (each leg)	0,300-0,430	litre
Öhlins Front Fork fluid	01330-xx	

Spring		
Installed spring	08765-47	
Spring rate	4,7	N/mm
Spring free length	467±3	mm
Spring preload**	10	mm
Total spring installation length	477	mm

*Delivered fluid volume

Recommended preload range:												
Over all spring rate [N/mm]	4,1	4,2	4,3	4,4	4,5	4,6	4,7	4,8	4,9	5,0	5,1	5,2
Rec. preload range [mm]	8-13	8-13	8-12	8-12	8-12	8-12	8-11	8-11	7-11	7-11	7-11	7-11

Adjust by adding/removing preload washer(s) 15443-XX.
**To achieve specified spring preload the total spring installation length can be controlled prior installation into fork leg. See model specific length in setup data.



SPRING GUIDE

Ducati Desmo			
	450 MX		
kg/pound*	**Low**	**Mid**	**High**
60/132	4,5	4,6	4,7
65/143	4,6	4,7	4,8
70/154	4,6	4,7	4,8
75/165	4,7	4,8	4,9
80/176	4,7	4,8	4,9
85/187	4,8	4,9	5,0
90/198	4,8	4,9	5,0
95/209	4,8	4,9	5,0
100/220	4,9	5,0	5,1
105/231	4,9	5,0	5,1
110/242	5,0	5,1	5,2
115/253	5,0	5,1	5,2
120/264	5,1	5,2	5,3
125/275	5,3	5,3	5,3

Available spring rates 08765-series:
-37, -39, -41, -43, -45, -47, -49, -51, -53
To get spring rates between the available rates, combine two springs with different rates. One with a lower and one with a higher spring rate. Example: To get spring rate 4,6: Use spring with 4,5 in one fork leg and 4,7 in the other fork leg.

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.

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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