

👁️Note!

Please note that this image is a general representation of the product and may differ slightly from your product.

Kit Contents

Description	Part No	Pcs
Top cap assembly	-	2
Spring 36.5/341/8.5 N/mm	68045-85	2
Spring 36.5/341/9.5 N/mm	68045-95	2
Sleeve 22/35.8-17	61123-19	1
Washer 35x7.1x2	60051-03	15
Tool preload tube removal	60000-07	1
Sticker "ÖHLINS"	01185-04	2
Sticker "ÖHLINS"	01185-01	2
Sticker "ÖHLINS"	00192-01	2

👁️Note!

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

⚠️Warning!

Öhlins cannot be held responsible for any personal injury or damage that may occur after installing the Öhlins spring kit. We strongly recommend to let an Öhlins authorized service center install this kit.

⚠️Warning!

After you have installed this product, taken a test ride at low speed to make sure that you vehicle has maintained stability.

👁️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.

⚠️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.

Fork Spring Kit for Honda CB650R/ CBR650R

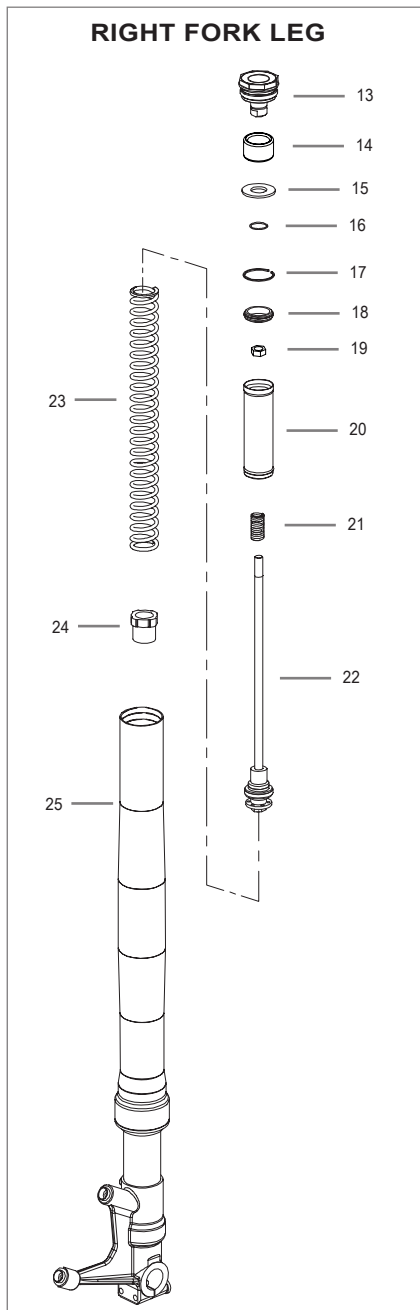
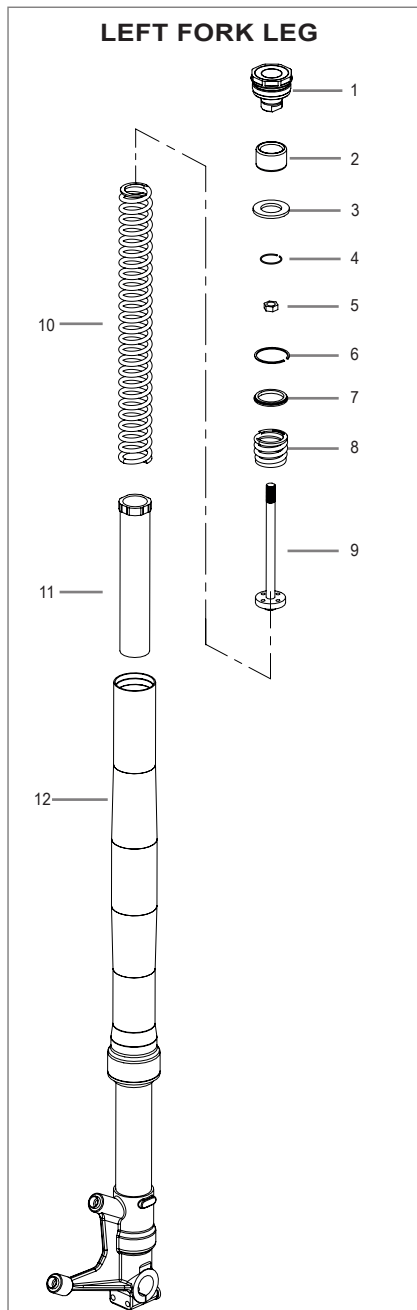
FSK 175

Mounting Instructions



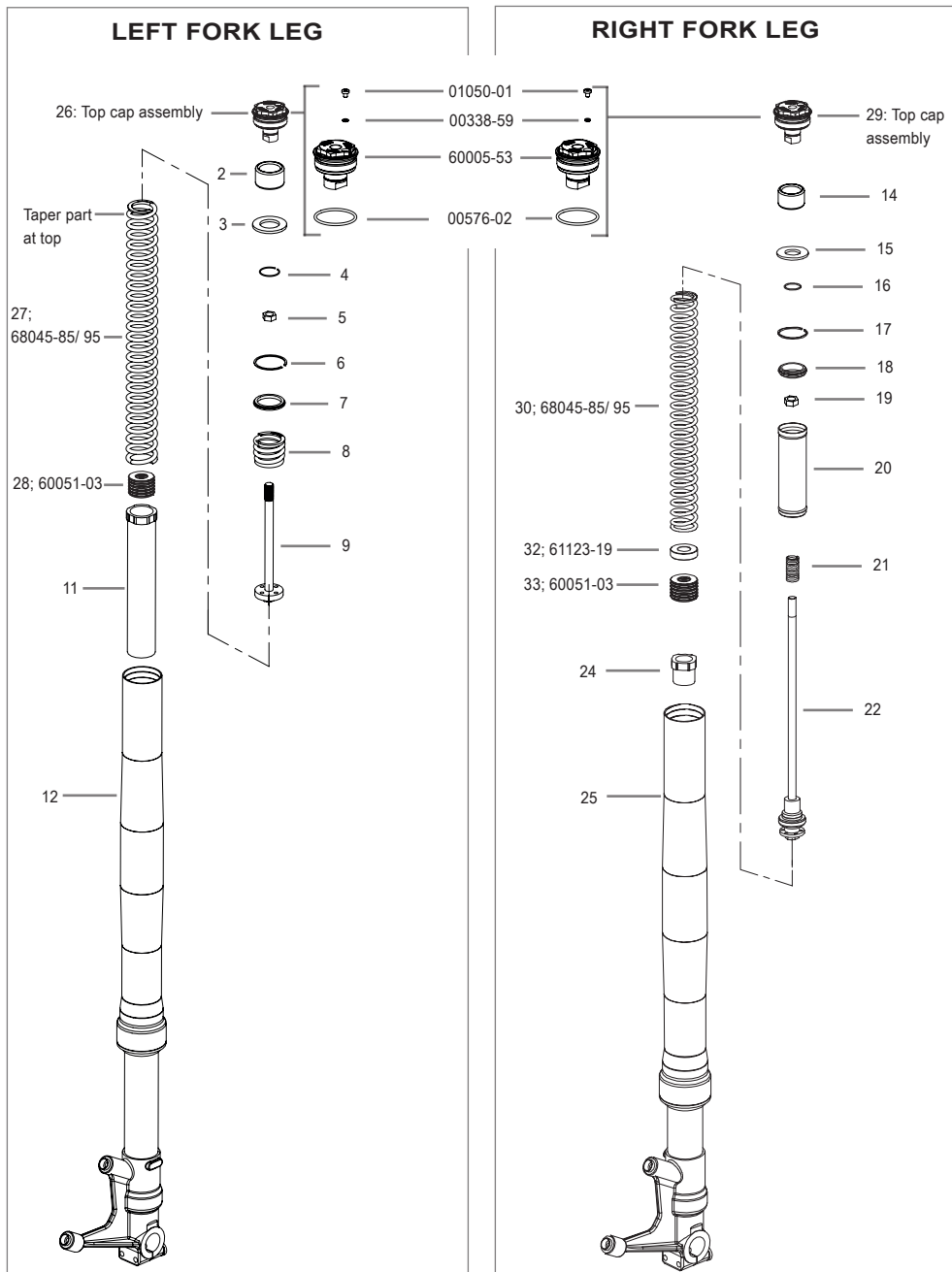
MOUNTING INSTRUCTIONS

Original Front Fork assembly



MOUNTING INSTRUCTIONS

Öhlins Front Fork kit assembly



MOUNTING INSTRUCTIONS

Congratulations!

With this purchase you have made a clear statement. This high performance Front Fork kit from Öhlins is nothing but pure racing breed which means that you have taken one more step to eliminate luck on your motorcycle.

The balance between your Front Fork and rear suspension will sharpen up and the performance of your Front Fork will improve. 40 years of racing experience is now a crucial part of your riding experience.

Recommended oil

We recommended to use Öhlins high performance Front Fork fluid 01314-01

Recommended spring

Feeling	Soft	Medium	Hard
RH Leg	68045-85	68045-85	68045-95
LH Leg	68045-85	68045-95	68045-95

Recommended oil volume

450 ml. in RH Leg.


410 ml. in LH Leg.

👁️Note!

Öhlins FSK 175 spring 68045-85 rate is 8.5 N/mm

Öhlins FSK 175 spring 68045-95 rate is 9.5 N/mm

Recommended preload washer

Option	LH	RH		Note	Spring preload
	Washer thickness	Washer thickness			
	2 mm	2 mm	17 mm		
1	-	1 pc	1 pcs		 Min Max
2	1 pc	2 pcs	1 pcs		
3	2 pcs	3 pcs	1 pcs	Recommended	
4	3 pcs	4 pcs	1 pcs		
5	4 pcs	5 pcs	1 pcs		
6	5 pcs	6 pcs	1 pcs		
7	6 pcs	7 pcs	1 pcs		
8	7 pcs	8 pcs	1 pcs		

Relief screw

After using your motorcycle for a certain amount of time, remove the screw situated on the top cap in order to release the air accumulated inside the Front Fork. Screw No.01050-04 Tightening torque is 3 Nm.

MOUNTING INSTRUCTIONS

How to install

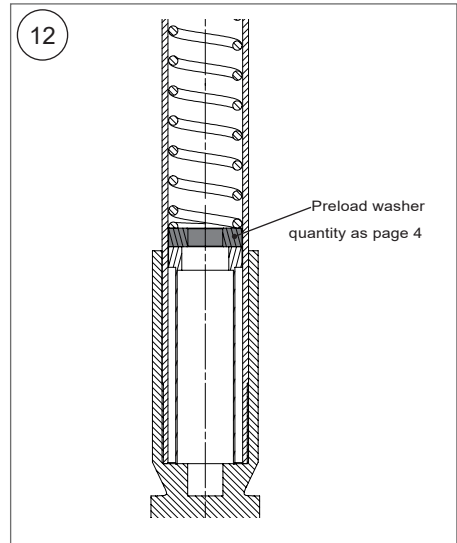
1. Put the motorcycle on the work stand so that the front wheel barely touches the ground. Make sure the motorcycle is in a stable position.
2. Loosen the top triple clamp clamping bolt.
3. Loosen 1/2 turn the front fork top caps(1)
4. Loosen the lower triple clamp bolts and slide the front fork down.

Note!

Work with 1 fork leg at the time.

LEFT FORK LEG

5. Loosen the top cap(1) from the front fork tube(12)
6. Remove circlip (6) and washer (7)
7. Loosen the nut (5) and remove the topcap (1)
8. Remove the circlip(4), the washer (3) and the stop rubber (2)
9. Remove the spring (10), the pre-load tube(11)
10. Purge all the oil from the fork leg.
11. Fill the front fork leg with oil according to the recommended type and quantity.
12. Insert the tube(11), the preload washers (28) according to the quantity shown in table page 4 and Öhlins spring (27).
13. Install the stop rubber(2), washer(3) cir-clip(4) and top cap on damper rod(9)
14. Install the Öhlins top cap(26) by tightening:
 - Top cap to damper rod (9) and nut (5) as per vehicle service manual.
 - Top cap to outer tube- 10 Nm.



MOUNTING INSTRUCTIONS

RIGHT FORK LEG

15. Loosen the top cap(13) from the front fork tube(25)

16. Remove the circlip(17) and the washer (18)

Note!

It may be necessary to press down the washer 18 in order to release the circlip.

17. Loosen the nut (19) and remove the topcap (13)

18. Drain the oil as much as possible before pulling the preload tube(20)

19. Insert the tool 60000-07 on rod (22) and install the nut(19)

- Pull the damping rod so that the top spring is fully compressed, then gently tap on the tool with a hammer to extract the preload tube.

Note!

An extension pipe used in combination with the tool 60000-07 may facilitate the grip when compressing the top out spring.

20. Loosen the nut(19)

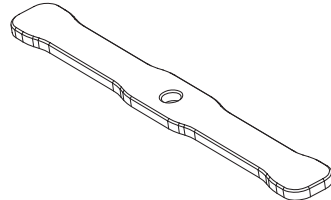
Note!

During the installation of the fork damping kit, please be sure to don't damage the stop rubber(2), washer(3) and circlip(4).

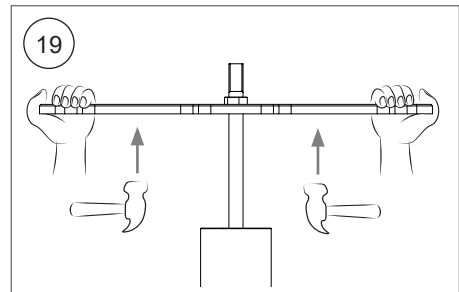
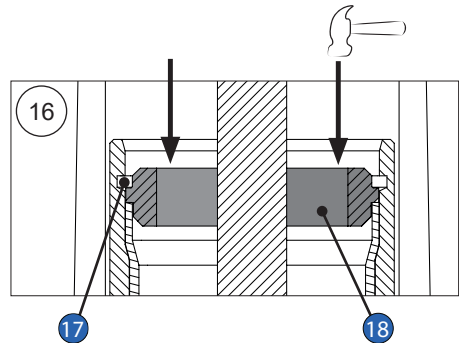
21. Remove spring(23), pre-load tube(24).

22. Purge all the oil from the fork leg.

23. Fill the front fork leg with Öhlins oil according to the recommended type and quantity.



60000-07 Damping rod pulling tool



MOUNTING INSTRUCTIONS

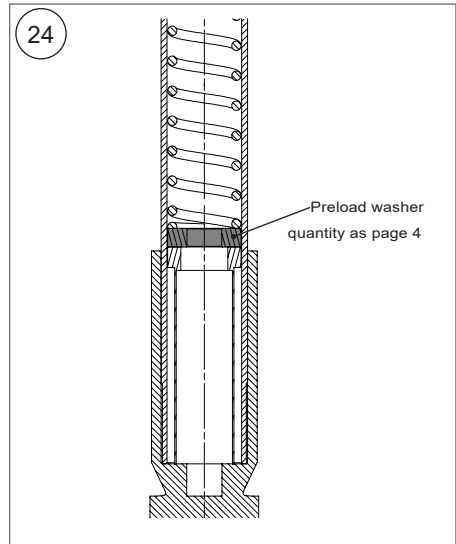
24. Insert the pre-load tube(24), the preload washers (32 & 33) according the quantity shown on page 4 and the Öhlins spring(30).

25. Install the stop rubber(14), the washer(15), the circlip(16) and the top cap(29)

26. Reinstall the preload tube(20), the washer(18) and the circlip(17).

27. Install the Öhlins top cap(29) by tightening:
-Top cap to the damper rod (22) and nut (19) as per vehicle service manual.
-Top cap to outer tube - 10 Nm.

28. Re-install both fork leg as per vehicle services manual instructions.



MOUNTING INSTRUCTIONS

👁️ 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_FSK175_EN_0
Issued 2023-12-18

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

Öhlins Asia Co. Ltd
700/937 Moo5, Tambol Nongkhaga,
Amphur Phantong, Chonburi Province
20160 Thailand



www.ohlins.com