⚠ WARNING!

The shock absorber is provided with a separate type reservoir filled with high pressure nitrogen gas. To prevent danger of explosion, study and make certain that you fully understand the following information before handling the shock absorber. The manufacturer cannot be held responsible for damage to property or personal injury that may result from improper handling.

1. Never tamper with or attempt to disassemble the cylinder or the reservoir.

2. Never expose the shock absorber to an open flame or other excessive heat. The shock absorber may othervise explode due to too high pressure.

3. Be careful not to damage any part of the gas reservoir. A damaged gas reservoir will impair the damping performance or cause malfunction.

4. Take care not to scratch the contact surface of the piston rod of the cylinder; oil could othervise leak out.

5. Never attempt to remove the plug at the bottom of the nitrogen gas reservoir. Any attempt to remove the plug implies serious danger.

6. When scrapping the shock absorber, follow the instructions for disposal.

Notes

ÖHLINS®
ADVANCED SUSPENSION TECHNOLOGY
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YA052, Issued 01 06 12

Mounting instructions

YA 052 - Yamaha FJR 1300

Kit content

Shock absorber PRCS	YA 052	
Bolt M12x55	00439-16	1
Nut M12	01501-01	1
Sticker Öhlins	00192-01	2
Memo sticker	01180-01	1
Owners Manual		1

Set-up data

Length	325 mm
Stroke	62 mm
Rebound adjustment	14 clicks
Compression adjustment	12 clicks
Preload	16 mm

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Safety signals

Important information concerning safety is distinguished in this manual by the following notations.

⚠

The Safety alert symbol means:
Caution! Your safety is involved.

⚠ WARNING!

*Failure to follow warning instructions could result in **severe or fatal injury** to anyone working with, inspecting or using the suspension, or to bystanders.*

CAUTION!

Caution indicates that special precautions must be taken to avoid damage to the suspension.

NOTE!

This indicates information that is of importance with regard to procedures.

Kit contents

Before installing the shock absorber, please check the contents of the kit, listed on the front page of this instruction. If anything is missing, contact your Öhlins dealer.

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.

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Before you start

⚠ WARNING!

Installing a shock absorber, that is not approved by the vehicle manufacturer, may affect the stability of your vehicle. Öhlins Racing AB cannot be held responsible for any personal injury or damage whatsoever that may occur after fitting the shock absorber. Contact an Öhlins dealer or other qualified person for advice.

Öhlins Racing AB can not be held responsible for any damage whatsoever to shock absorber or vehicle, or injury to persons, if the instructions for fitting and maintenance are not followed exactly. Similarly, the warranty will become null and void if the instructions are not adhered to.

⚠ WARNING!

Please study and make certain that you fully understand all the mounting instructions and the owner´s manuals before handling this shock absorber kit. If you have any questions regarding proper installation procedures, contact an Öhlins dealer or other qualified person.

⚠ WARNING!

The vehicle service manual must be referred to when installing the Öhlins shock absorber.

NOTE!

Öhlins products are subject to continual improvement and development. Consequently, although these instructions include the most up-to-date information available at the time of printing, there may be minor differences between your suspension and this manual. Please consult your Öhlins dealer if you have any questions with regard to the contents of the manual.

Notes

Notes

Mounting Instructions

1

Put the motorcycle on a stand so the rear wheel is clear of the ground. Make sure it´s steadily fixed so it will not fall over.

NOTE!

In order to create enough space between the swing fork and the rear sub frame it is necessary to raise the motorcycle higher than what is achived by use of the central stand.

⚠ WARNING!

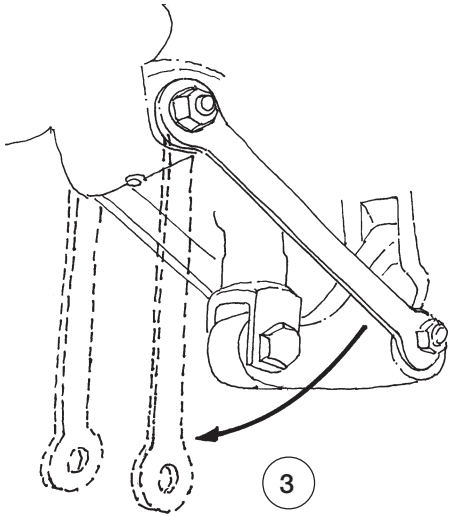
1. It´s advisable to have an Öhlins dealer or other qualified person to fit your shock absorber.
2. Instructions in the vehicle service manual are to be followed when changing the shock absorber.
3. When working on a lifted vehicle it must be securely supported to prevent it from falling.

2

Loosen the original spring preload adjuster by first removing the bracket and then remove the preload adjuster from the bracket.

3

Loosen the link arms from the triangle link..



4

Loosen first the lower shock absorber attachment then the upper shock absorber attachment.

5

Remove the shock absorber downwards.

6

Remove the seat and the side fairings.

7

Looosen the rear brake oil reservoir.

8

Loosen the rear bracket of the fuel tank so it can be lifted uppwards.

9

Loosen the upper bolts of the rear subframe. Do not remove them.

10

Loosen and remove the lower bolts of the rear subframe.

11

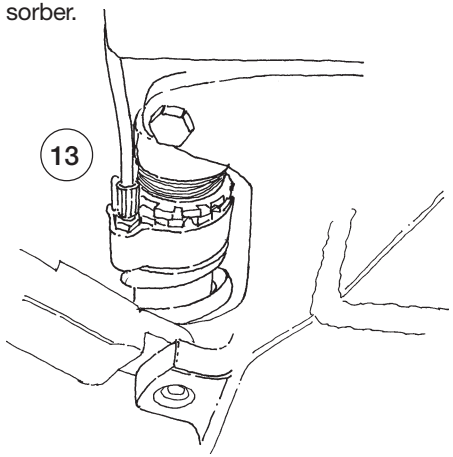
Swing the rear subframe uppwards and fix it in lifted position.

12

Mount the Ohlins shock absorber by lifting it in position from uppwards to the right side.

13

Attach the upper bracket of the shock absorber.



14

Mount the lower bracket. Use bolt (00439-16) and nut (01501-01) provided.

15

Fit the link arms back to the triangle link.

16

Remount the rear sub frame and the rear fuel tank attachment.

17

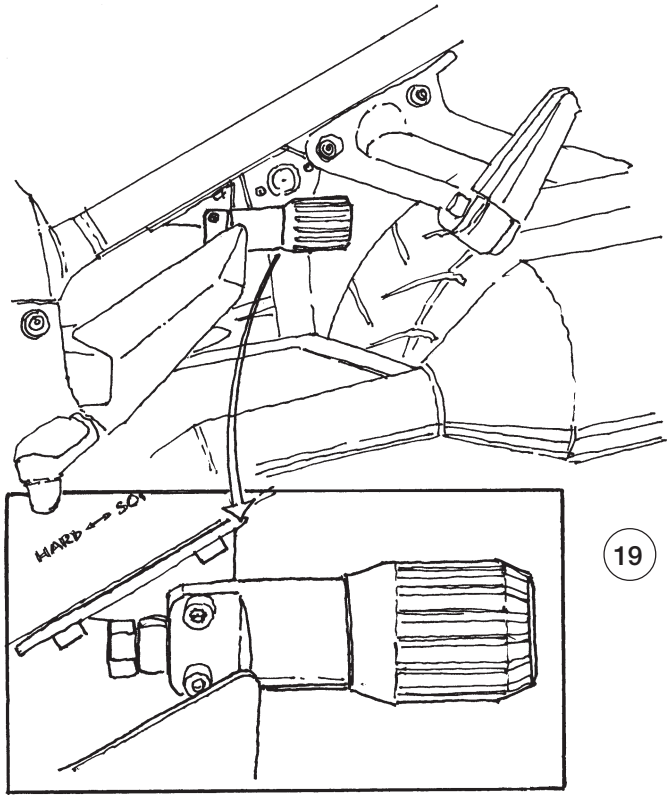
Fix the rear brake oil reservoir.

18

Rut seat and side fairings back in position.

19

Mount the Öhlins hydraulic preload adjuster on the left side, in the same holes as the bracket used. Use original bolts and nuts.



19

NOTE!

Make sure that all bolts 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.

⚠ WARNING!

Certain modifications may be necessary when installing the Öhlins shock absorber/ suspension. It is essential that the mounting instructions are carefully followed.

20

Continue your work according to the Owners manual, section Adjustments.

Notes