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Mount battery, electric panel, expansion vessel, side panel and seat

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.

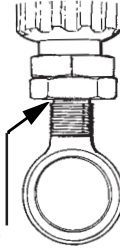
WARNING!

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

WARNING!

If the shock absorber has an adjustable end eye/ bracket, this must not be treaded out more than that one groove is fully visible beneath the lock nut. Make sure that the lock nut is tightened after adjustment.

Groove



Notes

Blank lines for notes, with approximately 12 horizontal lines provided for writing.

Mounting instructions

KA 449- Kawasaki GPZ 900 R

Kit content

Shock absorber 46 HRCLS		
Hose clamp	00643-02	2
Washer	00578-02	1
Spacer 12x28	01018-09	2
Spacer 10x27	01018-11	2
Nut M12x1.25	00539-01	1
Bolt M8x25	00429-06	1
Dust seal	00534-01	2
Ty-rap	00231-01	2
Mounting rubber	00230-03	2
Sticker	00192-01	2
Sticker	01180-01	1
Owners manual		

Set-up data

Lenght	310 mm	(+12,-0)
Stroke	57 mm	
Compression adjustment	15 clicks	
Rebound adjustment	14 clicks	
Preload	21 mm	

Traction, handling,
comfort and safety



ADVANCED SUSPENSION TECHNOLOGY

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KA449, Issued 00 08 16



ADVANCED SUSPENSION TECHNOLOGY

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.

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.

Mounting instruction

1

Remove seat, side covers, battery with holder and loosen the electric panel on the left side. Remove the mounting screw for the expansion vessel.

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

Remove the damping adjustment rod.

3

Loosen the air filling hose.

4

Remove the upper mounting bolt.

5

Remove the bolt that connects the front and rear link.

6

Remove the upper mounting bolt.

7

Pull down the shock absorber downwards.

8

Mounting the Öhlins shock absorber: The damper is mounted from underneath by first pulling through the master cylinder for the spring pre-load adjuster.

9

Mount the upper bolt.

10

Mount the bolt that connects the front and rear links. Make sure that the bearings are well greased and that the seals are not damaged.

11

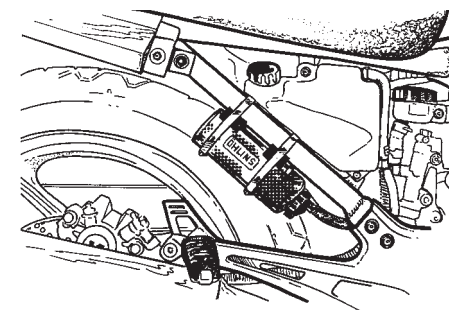
Lift up the swing arm and mount the lower mounting screw and the supplied washer and nut.

12

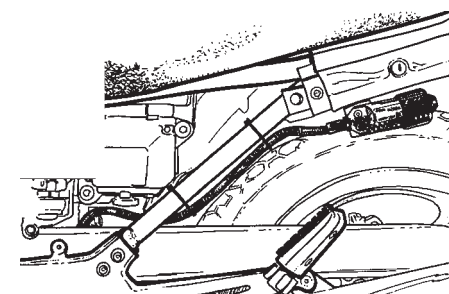
Tighten the upper and lower mounting bolts and the one that connects the rear and front links.

13

The hose routing is done according to the sketch.



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