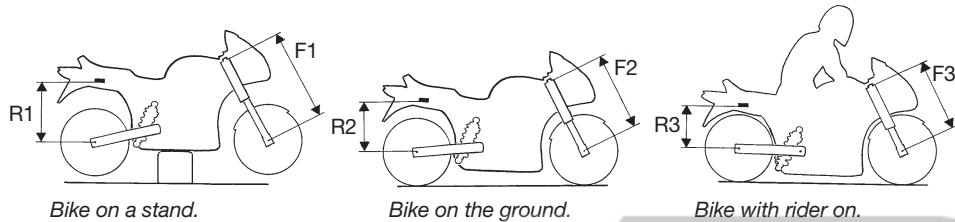


# Owners Manual

## Mounting instruction Öhlins shock absorber KA 216 for Kawasaki Street Line



### Setup data

Total length	347 mm
Stroke	92 mm
Preload spring	19 mm

### Checking sag and ride height

#### Front suspension

F1. Bike on a stand with the suspension fully extended = .....

F2. Bike on the ground without rider = .....

F3. Bike on the ground with rider = .....

Free sag F1 - F2 = .....

Ride height F2 - F3 = .....

#### Rear suspension

R1. Bike on a stand with the suspension fully extended = .....

R2. Bike on the ground without rider = .....

R3. Bike on the ground with rider = .....

Free sag R1 - R2 = .....

Ride height R2 - R3 = .....

#### NOTE!

*If ride height is higher than recommended, softer spring/springs must be used.  
If ride height is lower than recommended, harder spring/springs must be used.  
Contact your Öhlins dealer for advice.*

Spring  
preload  
adjuster



### Öhlins shock absorber 36 E

Your Öhlins shock absorber type 36 E features the following adjusters:

#### Spring preload adjuster

Adjustments are made by turning the rings on the shock absorber body. Clockwise for harder adjustment, counter clockwise too release the preload.

#### NOTE!

*When delivered the Öhlins shock absorber is dialed to recommended settings for the specific brand and make of the motorcycle. If you have changed the setting check like this:*

The adjusters have a normal right hand thread. Turn the damping adjusters clockwise to fully closed (pos. zero [0]). Turn counter clockwise to open and count the clicks until you reach the recommended number of clicks. See Setup data at last page.

#### CAUTION!

*Do not use too much force, delicate sealing surfaces can be damaged.*



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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.*

## Before installation

Öhlins Racing AB can not be held responsible for any damage whatsoever to suspension components 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!

*1. 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 suspension components. Contact an Öhlins dealer or other qualified person for advice.*

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

*3. The vehicle service manual must be referred to when installing the Öhlins suspension components*

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.

### 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 suspension components.*

## Kit contents

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

Description	Part No.	Pcs.
Shock absorber Type 36E	KA216	2
C-spanner	0710-01	2
Washer	3118-03	2
Sticker Öhlins	0192-01	2
Owners manual		1

## Mounting instructions

### 1

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

### ⚠ 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 and remove the standard shock absorber(s). See the motorcycle's Workshop Manual.

### 3

Fit the Öhlins shock absorber(s) in the same position as the standard shock absorber.

### 4

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

### NOTE!

*Make sure that all bolts are tightened to the correct torque and that nothing fouls or restricts the 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.*