

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

Kit Contents		
Description	Part No	Pcs
Shock absorber	KA110	1
Sticker memo notes	01180-01	1
Sticker set Öhlins		1
Washer stainless 12.7/24/6	03118-08	1
Screw	05404-10	2
Owner's manual	07241-02	1

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.

## Shock Absorber for Kawasaki Z 1000 SX

# KA 110

### Mounting Instructions



# How to install

## **Warning!**

It is advisable to have an Öhlins dealer install the shock absorber.

When installing, consult your Vehicle Service Manual.

**1**

Put the motorcycle on a workstand so that the rear wheel barely touches the ground.

## **Warning!**

Make sure the vehicle is securely supported so that it will not tip.

**2**

Remove hugger/mudguard.

**3**

Loosen upper and lower attachment of the original shock absorber and remove it.

## **Note!**

Before installing the Öhlins shock absorber clean the vehicle thoroughly.

**4**

Install the Öhlins shock absorber from the right side.

## **Note!**

Lower the motorcycle so that the shock absorber is slightly compressed, before tightening the screws.

**5**

## **MY 2011-2013**

Loosen the bolts on the right side passenger foot peg.

**6**

Use these bolts and mount the bracket together with spring preload adjuster. Use the washer (03118-08) on the inside of the passenger foot peg.

**7**

## **MY 2014 -**

Remove the bracket from the Öhlins preload adjuster. Install the Öhlins preload adjuster on the inside of the bracket for the original preload adjuster. Use the M6x35 screws in this kit together with the M6 nuts and washers from the removed bracket.

**7**

Use a tie rap to position the hose.

## **Caution!**

Ensure that the hydraulic preload adjuster hose runs in soft bends. Also check that it does not come in contact with the exhaust pipe or Any sharp edges.

**8**

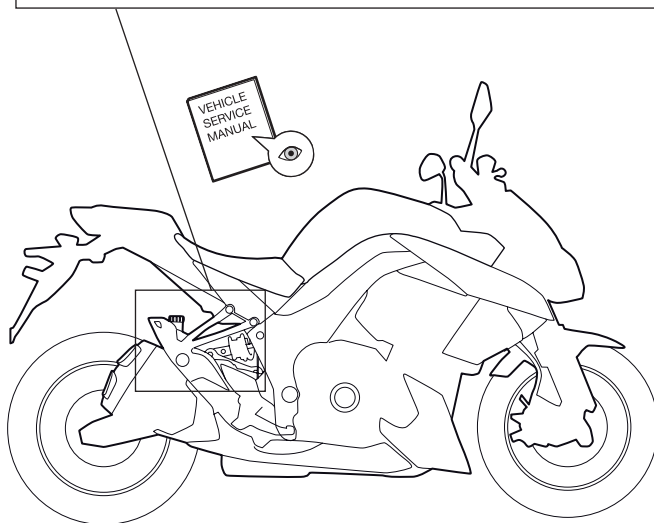
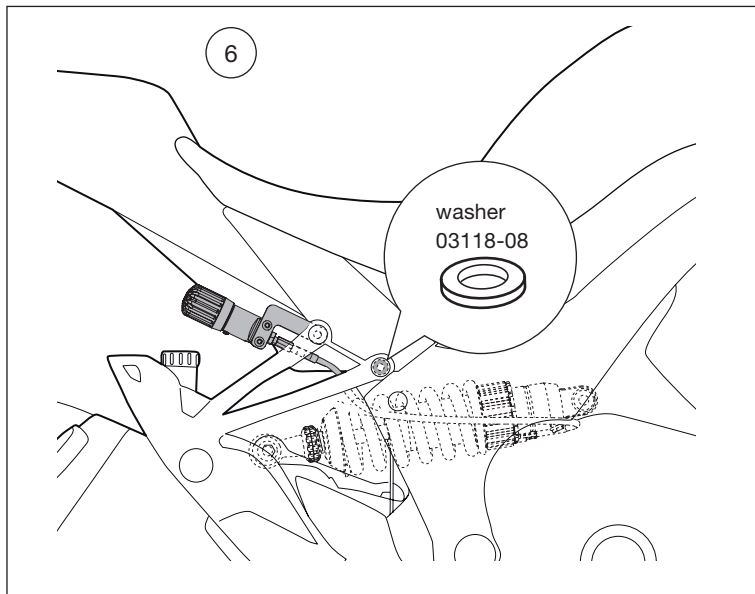
Reinstall hugger/mud guard.

## **Caution!**

Make sure that all screws are tightened to the correct torque and that nothing fouls or restricts movement of the shock absorber when the suspension is fully compressed or extended.

# How to install

MY 2011-2013



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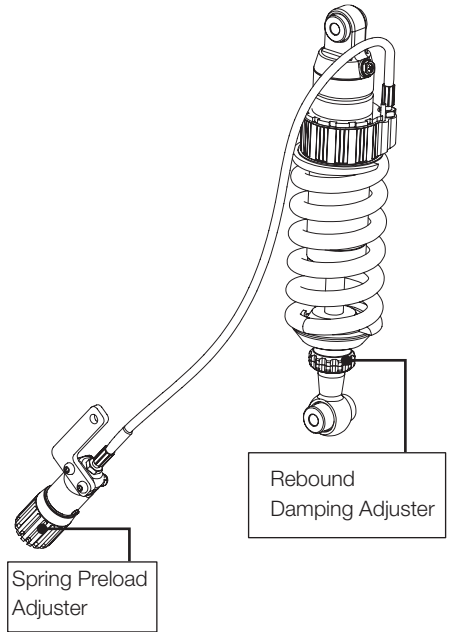
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# Adjustments

## ⚠ Warning!

Before riding, always make sure that the basic settings made by Öhlins are according to recommended Set-up Data. Read about adjustments and setting up in the Öhlins Owner's Manual before you make any adjustments. Contact an Öhlins dealer if you have any questions about setting up the shock absorber.



## Set-up Data

### Recommended set-up

Rebound	14 clicks
Spring Preload	10 mm

### Spring

Part No.	01091-34
Rate	100 N/mm
Free length	160 mm

### Shock absorber data

Length	356 mm
Stroke	61 mm

### Free Sag and Ride Height

R1 - R2 =	14 mm
R1 - R3 =	37 mm
F1 - F2 =	26 mm
F1 - F3 =	34 mm

👁 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 your Öhlins distributor. Please consult your Öhlins dealer if you have any questions regarding the contents in this document.

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