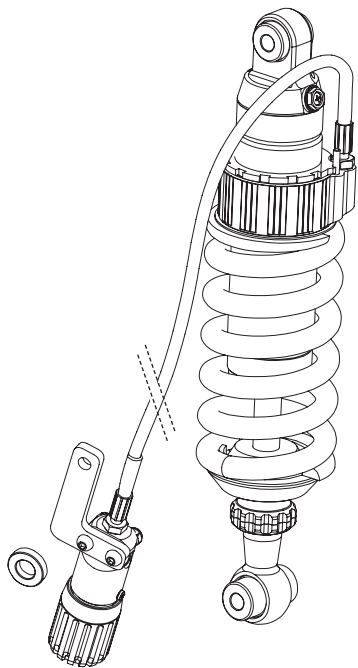




Kit Contents		
Description	Part No	Pcs
Shock absorber	KA 110	1
Washer stainless 12.8/24/6	03118-08	1
Screw K6S M6x35	05404-10	2
Screw K6S M6x25	05404-06	2
Nut M6	00430-02	2
Bracket hydraulic preload adjust.	01164-03	1
Washer 6.4/18/1.6	00426-04	2
Tie-rod	00231-01	2
Sticker set Öhlins		1
Sticker "Memo notes"	01180-01	1
Owners manual road & track	07241-02	1

👁 Note!

Please note that there can be small differences between your product and the images in these instructions.

👁 Note!

Please note that during storage and transport, especially at high ambient temperature, some of the oil and grease used for assembly may leak and stain the packaging. This will not cause damage to the product, wipe off the excessive oil or grease with a cloth.

👁 Note!

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

⚠ Warning!

Before you install this product, read the Öhlins Owner's manual. This product is an important part of the vehicle and the vehicle stability.

Shock Absorber for Kawasaki Z 1000 SX

KA 110

Mounting Instructions

MOUNTING INSTRUCTIONS

Warning!

We strongly recommend to let an Öhlins dealer install this product.

Warning!

If you work with a lifted vehicle, make sure that it is safely supported to prevent it from tipping over.

Note!

When you work with this product, see the vehicle service manual for vehicle specific procedures and important data.

Note!

Before you install this product clean the vehicle.

1

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

2

Remove hugger/mudguard.

3

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

4

Install the Öhlins shock absorber from the right side. Install it with the gas valve pointing down.

Note!

Lower the vehicle so that the suspension is slightly compressed before you tighten the screws.

5

MY 2011-2013

Loosen the bolts on the right side passenger foot peg. 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.

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.

6

MY 2019-

Mount the 01164-03 bracket as a screw pattern adapter. Use the M6x25 screws, washers and nuts mount the preload adjuster to the bracket. Use the M6x35 screws to mount the bracket to the bike. Reuse the bikes nuts and washers.

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.

7

Reinstall hugger/mud guard.

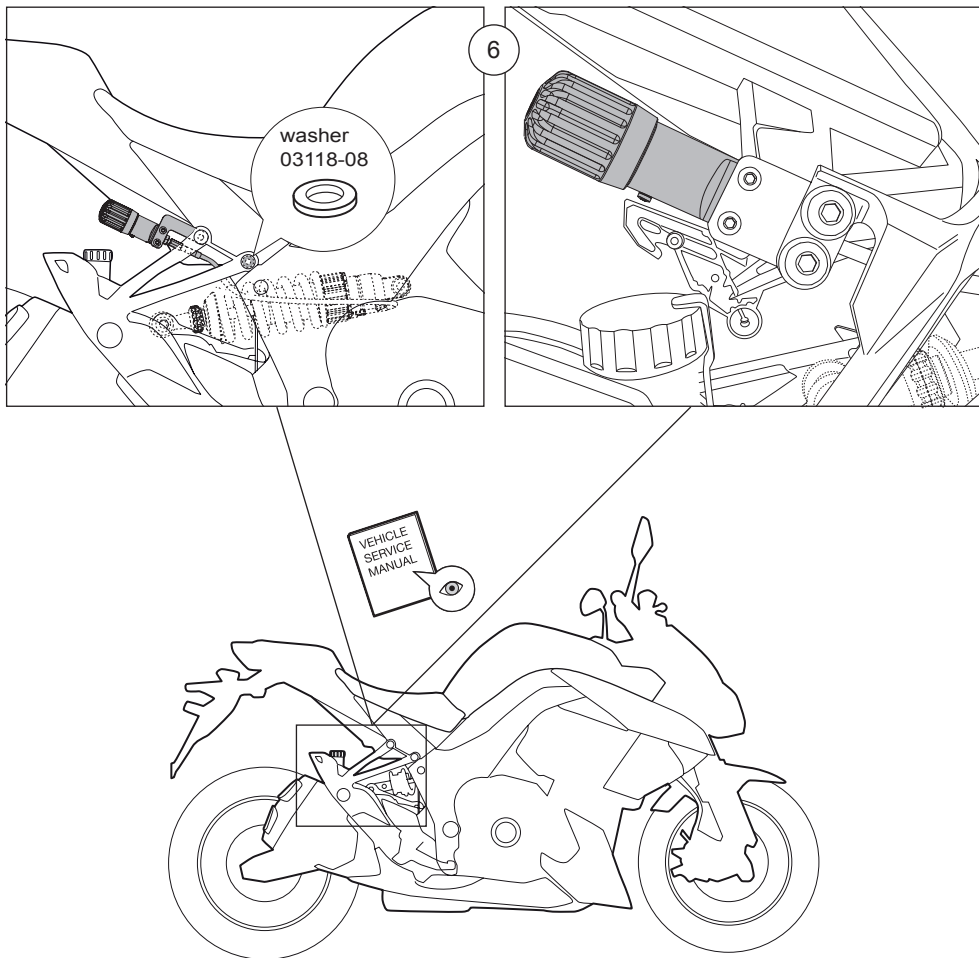
Caution!

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

MOUNTING INSTRUCTIONS

MY 2011-2013

MY 2019-



ADJUSTMENTS

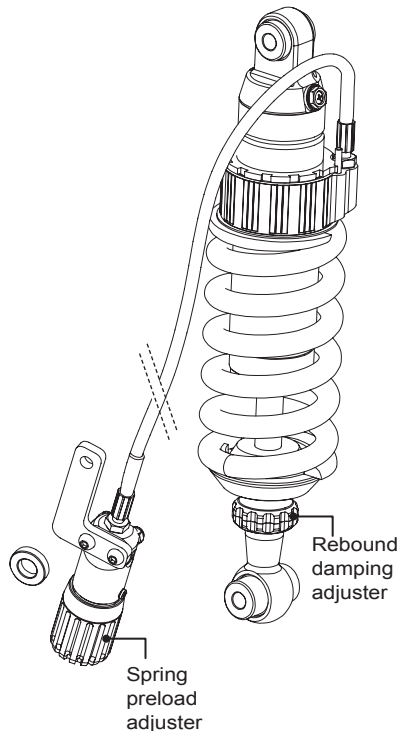
⚠ Warning!

Before you ride/drive, always make sure that the setup is according to the recommended setup 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.

SETUP DATA

Length	356	mm
Stroke	61	mm
Rebound	14	clicks
Spring (part.no.)	01091-34	
Spring preload	10	mm
Spring rate	100	N/mm
Spring free length	160	mm

Recommended 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 an Öhlins distributor. Please contact Öhlins if you have any questions regarding the contents in this document.

Part no. MI_KA110_3
Issued 2023-04-26

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

Öhlins Racing AB
Box 722
S-194 27 Upplands Väsby, Sweden
Phone +46 8 590 025 00
fax +46 8 590 025 80



www.ohlins.com