



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

<b>Kit Contents</b>	Part No.	Pcs.
Shock abs S36D	KA 041	1
Spacer	00118-15	2
Öhlins Sticker yellow/blue	00192-01	2
O-ring	00338-06	2
Memo Notes Sticker	01180-01	1
Preload adj. tool	03199-03	1
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 Ninja 400R**

# **KA 041**

### **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 the original shock absorber. Raise the wheel slightly so that the rear bolt can be removed.

## **Note!**

*Before installing the Öhlins shock absorber clean the vehicle thoroughly.*

### 3

Install the Öhlins shock absorber with the end eye towards the front. The 00118-15 spacers and 00338-06 O-rings shall be used in the cylinder head/swing arm attachment. Raise the rear wheel slightly so that the rear bolt can be installed.

## **Note!**

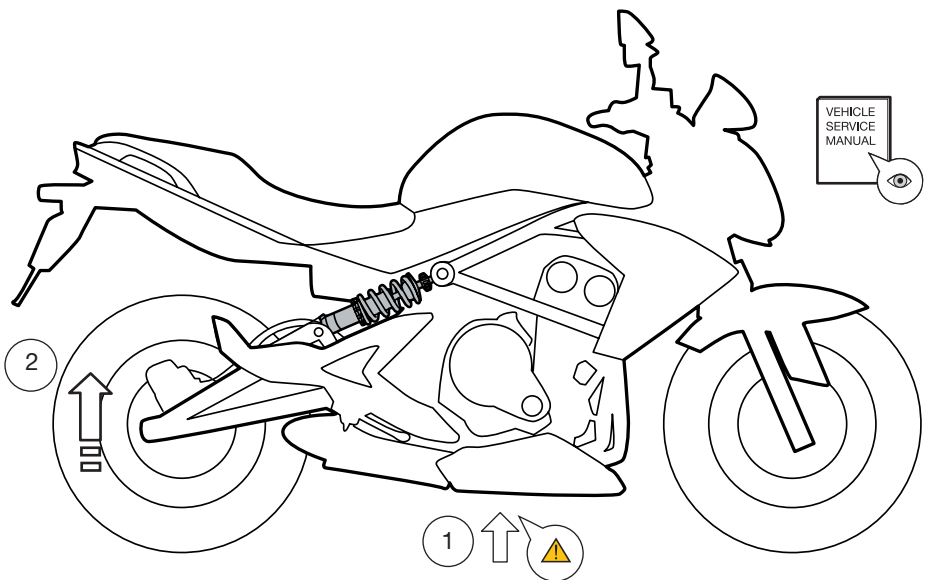
*Lower the motorcycle so that the shock absorber is slightly compressed, before tightening the screws.*

## **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.*

### 4

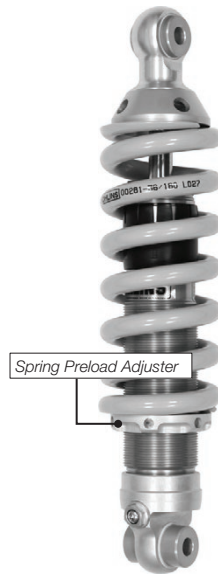
Make sure that all removed parts are reinstalled in the same way as they were before the installation of the Öhlins shock absorber.



# 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

### Spring

Part No.	Rate
00281-36	160 N/mm
Free Spring length	170 mm
Spring preload	5,5mm

### Shock absorber data

Length	284 mm
Stroke	41 mm

## Recommended sag and ride height:

### Without rider:

Rear	7 ± 5 mm (R1-R2)
Front	22 ± 5 mm (F1-F2)

### With rider:

Rear	32 ± 5 mm (R1-R3)
Front	31 ± 5 mm (F1-F3)

👁 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.

Part no. KA041\_1  
Issued 2014-03-10

© 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](http://www.ohlins.com)