

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

#### **Kit Contents**

	Part No.	Pcs.
Shock Absorber	KA 840	1
Rubber mount reservoir	00230-01	2
Tie wrap	00231-02	3
Hose clamp	00643-02	2
Preload adjustment tool	03199-03	1
Öhlins Sticker	00192-01	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 Ninja 250**

# **KA 840**

## **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, side cover and seat.

**3**

Take out the battery and battery cover.

**4**

Remove the two attachment screws on the fendering.

## **👁 Note!**

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

**5**

Install the Öhlins shock absorber from above. Use the original attachment screws to fasten it, but do not tighten yet.

## **👁 Note!**

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

**6**

Lead the reservoir hose between the fendering and the frame. Use the tie wraps and two mount rubbers provided in this kit to fasten the reservoir to the left passenger foot peg. Tighten the two attachment screws on the fendering.

**7**

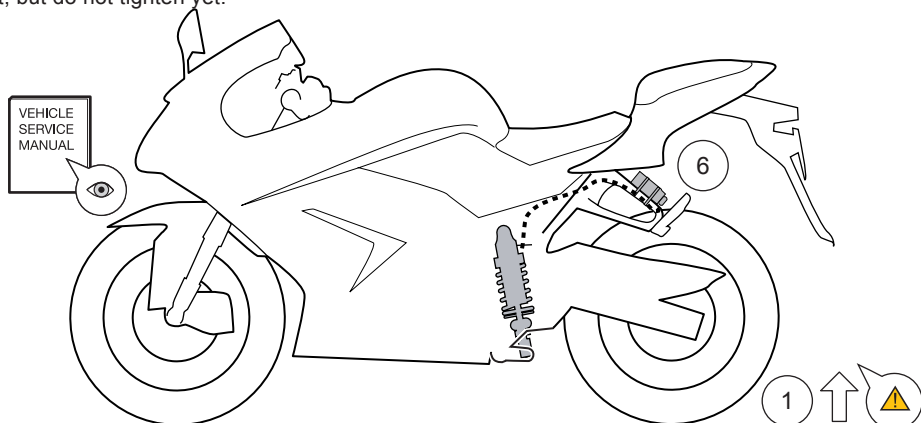
Tighten the upper and lower attachment screws.

**8**

Reinstall the battery cover, battery, seat and side cover. Make sure that all removed parts are reinstalled in the same way as they were before the installation of the Öhlins shock absorber.

## **👁 Caution!**

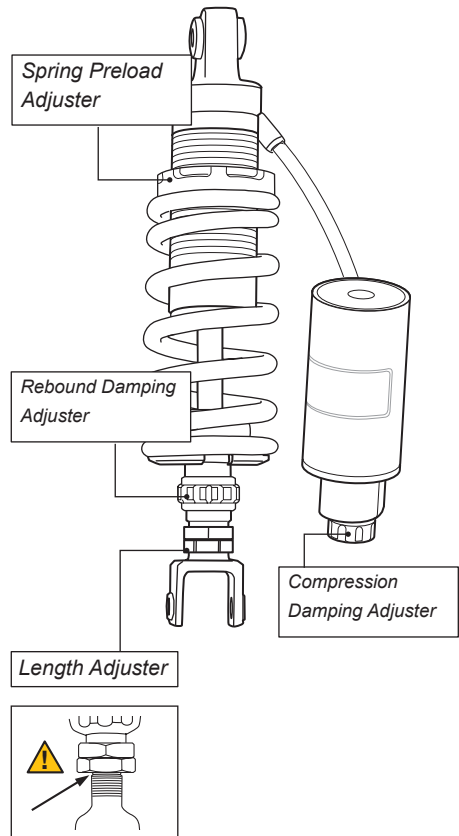
*Make sure that all screws are tightened to the correct torque and that nothing fouls or restricts movement of the shock absorber when the suspension is fully compressed or extended.*



## ⚠ 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.

Öhlins Shock Absorber S36HR1C1L KA 840



## Set-up Data

### Recommended set-up

Rebound	10 clicks
Compression	10 clicks
Spring Preload	8 mm

### Shock Absorber Data

Length	320 +6/-2
Stroke	63 mm

### Spring

Part No.	Rate
00281-57	80 N/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.*

Part no. KA840\_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)