Shock absorber for Suzuki GSX 1300 R Hayabusa

SU 406

Mounting Instructions

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

Kit Contents

<table>
<thead>
<tr>
<th>Part No</th>
<th>Pcs</th>
</tr>
</thead>
<tbody>
<tr>
<td>SU 406</td>
<td>1</td>
</tr>
<tr>
<td>00231-01</td>
<td>3</td>
</tr>
<tr>
<td>01046-25</td>
<td>1</td>
</tr>
<tr>
<td>00439-02</td>
<td>1</td>
</tr>
<tr>
<td>01180-01</td>
<td>1</td>
</tr>
<tr>
<td>07241-02</td>
<td>1</td>
</tr>
</tbody>
</table>

Warning!

Before installing this product, read the Öhlins Owner’s Manual. The shock absorber/front fork/steering damper is an important part of your vehicle and will affect the stability.

Note!

Please note that this image is a general representation of the product and may differ slightly from your product.

Note!

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

Open the rear seat lock, remove the seat.

Loosen the two bolts holding the front seat, remove the seat.

Loosen the passenger handle bar by removing the four bolts.

Loosen and remove the rear end cover by removing the six attachment bolts and the six plastic fasteners.

Remove the battery. Remove the bolt and the attachment that holds the electrical wires on the left side.

Loosen the right side foot rest bracket by removing the three bolts. Leave it hanging by the brake hoses.

Loosen the rear frame bolts. Remove the lower ones and turn the rear frame up as far as possible.

9
Loosen the lower cover plate under the swing.

Note!
Make sure that the brake reservoir and/or electric wires do not restrict when lifting the rear frame.

10
Loosen the triangle link from the rear swing attachment. Loosen the lower shock absorber bracket. Leave the triangle link attached to the frame.

11
Loosen the upper shock absorber attachment and remove it from the top.

12
Mount the Öhlins shock absorber from the left, down through the rear swing. Attach the upper bracket, then attach it to the triangle link. Mount the traingle link to the pull rods.

13
Mount the hydraulic preload adjuster to the silencer bracket, use bolt (01046-25) provided in this kit. Fixate the hose with provided tie raps.

14
Reattach all removed parts. Make sure that all removed parts are installed in the same way as they were before the installation of the Öhlins shock absorber.

Note!
Lower the vehicle so that the suspension is slightly compressed before tightening the screws.

Caution!
Ensure that all screws are tightened to the correct torque and that nothing fouls or restricts movement of the shock absorber/front fork/steering damper 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.

SET-UP DATA

Recommended set-up
Rebound ......................... 12 clicks
Compression
  high speed ..................... 30 clicks
  low speed ...................... 10 clicks
Spring Preload .................. 12 mm

Shock absorber data
Length ......................... 330 mm
Stroke .......................... 68 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.

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