Shock absorber for Harley Davidson FLH / FLT Models

HD 777 /S2 /S3

Mounting Instructions

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.

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

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.

Kit Contents

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No</th>
<th>Pcs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shock absorber</td>
<td>HD 777</td>
<td>2</td>
</tr>
<tr>
<td>Washer 12.8/24/6</td>
<td>03118-08</td>
<td>4</td>
</tr>
<tr>
<td>Sleeve 12.7/14/19.5</td>
<td>00123-17</td>
<td>4</td>
</tr>
<tr>
<td>Tool preload adjuster</td>
<td>03199-01</td>
<td>1</td>
</tr>
<tr>
<td>Sticker “Memo notes”</td>
<td>01180-01</td>
<td>1</td>
</tr>
<tr>
<td>Sticker set “ÖHLINS”</td>
<td>10207-01</td>
<td>1</td>
</tr>
<tr>
<td>Owners manual</td>
<td>07241-02</td>
<td>1</td>
</tr>
</tbody>
</table>

Note!
These mounting instructions are for the below versions of HD 777

<table>
<thead>
<tr>
<th>Product Number</th>
<th>Fitted Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td>HD 777</td>
<td>66422-026 (B)</td>
</tr>
<tr>
<td>HD 777S2</td>
<td>66422-028 (B)</td>
</tr>
<tr>
<td>HD 777S3</td>
<td>66422-030 (B)</td>
</tr>
</tbody>
</table>
Warning!
It is advisable to have an Öhlins dealer install the shock absorber/front fork/steering damper.

Warning!
If working on a raised vehicle, ensure it is securely supported so that it will not tip.

Note!
Before mounting this product clean the vehicle thoroughly.

Note!
When working on this product, always see the Vehicle Service Manual for vehicle specific procedures and important data.

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

2. Loosen and remove the original shock absorber

3. Install the Öhlins shock absorber in the same way as the original shock absorbers with the Nitrogen Fill Screw pointing towards the rear.

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.
ADJUSTMENTS

⚠️ Warning!
Before riding, always make sure that the basic settings made by Öhlins are according to 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

Recommended set-up
Visit www.ohlinsusa.com / search HD 777 for Spring Preload Calculator

Shock absorber data
Length .................... 328 mm.
Stroke .................... 91 mm.
Go to "www.ohlinsusa.com", under "Product Search", type HD 777. Once on landing page, select "Setup Calculator"

Once you get to the spring calculator, enter all the details about your bike and your weights.

Note!
- You have the option to change from lbs to kgs.

- Once you have entered the correct weights, choose "Returning Setup" so it gives you an option to select the springs installed on your shocks.
6. Once you click “Calculate”, the setup data will be displayed. Example below:

<table>
<thead>
<tr>
<th>Rider Scenario</th>
<th>Spring Position</th>
<th>Comfort</th>
<th>SETUP DETAILS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solo</td>
<td>26 (mm)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Solo With Luggage</td>
<td>26 (mm)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Two Up</td>
<td>26 (mm)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Two Up With Luggage</td>
<td>26 (mm)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

7. The “Spring Position” will tell you in millimeter the distance the preload collar should be from the bottom of the cylinder head for each scenario with your primary use highlighted in Gold.

You can click “Setup Details” for an image describing further. There’s “Setup Details” beside all (4) rider scenarios (Solo, Solo with Luggage, Two Up and Two Up with Luggage) Make sure to click the one you plan to set the bike up for.

SPRING POSITION
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.

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