

👁 Note!

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

👁 Note!

This product is only applicable for Ducati Multistrada 1200S 2010-2012.

⚠ Warning!

Before installing this product, read this document thoroughly. If you have any questions please contact an Öhlins dealer.

Kit Contents

| Description | Part No | Pcs |
|-----------------------|----------|-----|
| SCU | 35000-03 | 1 |
| Sticker Mechatronic S | 00191-46 | 2 |

Ducati Multistrada 1200S Suspension Control Unit

35000-03

Mounting Instructions and Set-up Guide

MOUNTING INSTRUCTIONS

⚠ Warning!

It is advisable to have an Öhlins dealer install the SCU.

⚠ 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 stand.

2

Remove the seat.

3

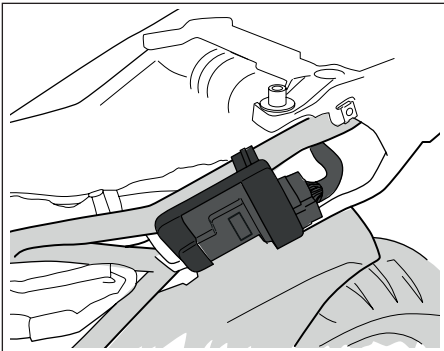
Disconnect the negative battery terminal.

4

Remove the plastic side fairing on the left side of the seat.

5

Locate the original suspension control unit in the rubber mount. Disconnect the connector and remove the original suspension control unit from the rubber mount.



6

Insert the SCU (35000-03) in the rubber mount and connect the connector. Make sure it connects properly. You should hear a noticeable click.

⚠ Warning!

Ensure to connect the connector properly. You should hear a noticeable click. If you have any questions regarding proper installation, please contact an Öhlins dealer.

7

Reinstall the plastic side fairing.

8

Reconnect the negative battery terminal.

9

Reinstall the seat.

10

Turn on the ignition and the electronic preload adjuster will calibrate at the first start-up.

11

Go to User Interface for further information.

USER INTERFACE

How to operate

The Öhlins SCU (35000-03) is operated in the same way as the original SCU, by the menu buttons on the left handlebar. See the vehicle manual for menu description.

Activate Event Based Control

The Event Based Control is a feature that changes suspension setting while riding.

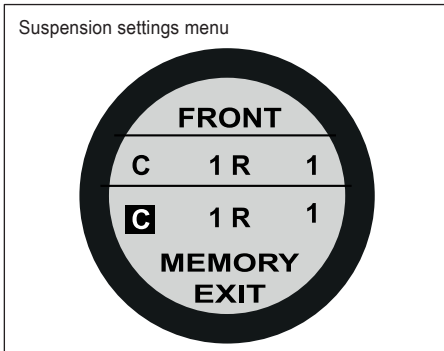
To activate Event Based Control

Enter the suspension settings menu in the dashboard. Set according to the following:

| | |
|-------------------|---|
| Front compression | 1 |
| Front rebound | 1 |
| Rear compression | 1 |
| Rear rebound | 1 |

Note!

When Event Based Control is desired, the suspension setting must be set according to the table above.



A suspension mode is the combination of set up (SPORT, TOURING, URBAN and ENDURO) and the load selection (rider, rider with luggage, two riders and two riders with luggage). This gives a total of 16 suspension modes.

Example

Riding mode; SPORT and "rider only". If (1,1,1,1) is set the Event Based Control is only enabled at this suspension mode and load selection. All other modes are working with their individual damping set-up.

Engine mode

When Event Based Control is enabled the function depends on the engine mode selected in the set up.

100hp **Comfort mode** adjusts the damping with vehicle speed to optimize comfort while maintaining enough stability.

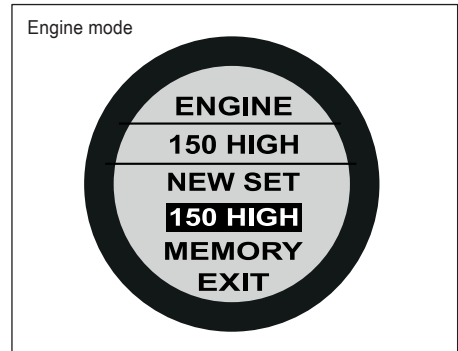
► Default engine mode in URBAN and ENDURO set up.

150hp low **Touring mode** adjusts the damping for best combination of agility and comfort.

► Default engine mode in TOURING set up.

150hp high **Sport mode** adjusts the damping during acceleration and braking to optimize sport performance.

► Default engine mode in SPORT set up.



Rear preload set up

Adjust in the preload menu on the dashboard.

SET-UP DATA

Front fork Setting Translation Table

The adjustment range is wider for the Öhlins SCU which enables a softer setting position at position 32 than for the original SCU. To keep your fixed setting see the translation table below.

Adjustment range


Shock absorber: (same as original)

Front fork:

| Öhlins SCU Front Fork setting | Original SCU Front Fork setting |
|----------------------------------|------------------------------------|
| 1 | 1 |
| 3 | 4 |
| 5 | 8 |
| 7 | 12 |
| 10 | 18 |
| 12 | 22 |
| 14 | 26 |
| 17 | 32 |
| 18-32 <i>New!</i> | - |

Note!

Please note that when using this SCU your settings in the front fork will be softer. See the translation table above.

 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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