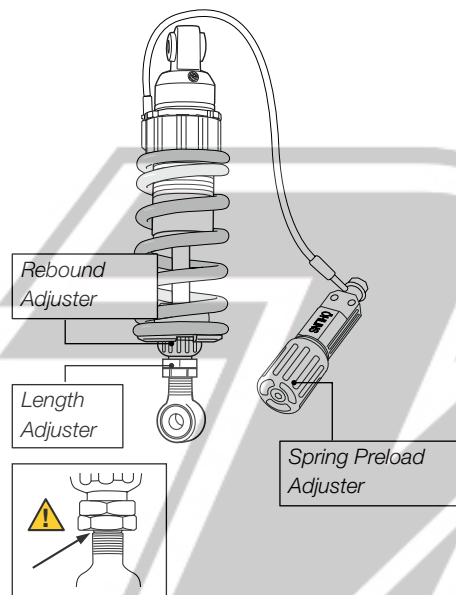


Adjustments

⚠ 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 Preload 12 mm
Rebound 17 clicks

Total length 311 mm
Stroke 49,5 mm
Spring; Free length 140 mm
Spring rate 170 N/mm

Recommended Free sag and Ride height

R1 - R2 = 5 - 15 mm
R1 - R3 = 15 - 25 mm

👁 Read more about sag and ride height in the Öhlins Owner's Manual.

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	SU 901	1
Screw M6x16	01046-01	2
Screw M6x30	05404-07	1
Bracket	20029-01	1
Spacer	20047-02	1
Öhlins Sticker	00191-13	2
Öhlins Sticker	00191-20	2
Memo Notes Sticker	01180-01	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.

👁 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.

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Shock Absorber for Suzuki M1500

SU 901

Mounting Instructions



⚠ Warning!

It is advisable to have an Öhlins dealer install the shock absorber.

When installing, consult the 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 side covers on the left and the right side.

3
Remove the rear transmission cover.

4
Loosen the hose bracket so that you can reach the upper shock absorber attachment.

5
Remove the triangle link.

6
Remove the upper attachment of the original shock absorber and remove the shock absorber downwards.

👁 Note!

Before installing the Öhlins shock absorber;
- clean the vehicle thoroughly
- adjust the length of the shock absorber (check the headlight angle after adjusting the length!)

7
Install the Öhlins shock absorber. Note that the fill screw is pointing towards the rear. Guide the hydraulic preload adjuster out on the vehicle's left side and leave it temporarily.

8
Reinstall the triangle link, without tightening.

👁 Note!

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

9
Tighten the upper and lower attachment screws, and the triangle link.

10
Reinstall the hose bracket and the transmission cover.

11
Install the bracket, provided in this kit, to the hydraulic preload adjuster.

12
Install the hydraulic preload adjuster with the provided screw to the ignition lock screw, see figure.

👁 Caution!

Make sure that the hose runs in soft bends. Also check that it does not come in contact with the exhaust pipe or any sharp edges.

👁 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.

