

Notes

Mounting instructions

BM 851- BMW K 1200 LT

Rear shock absorber

Kit contents

| | | |
|--------------------|------------|--------|
| Shock absorber | Type 46DRS | BM 851 |
| Tie-rop | 0231-01 | 2 |
| Sticker Öhlins | 0192-01 | 2 |
| Sticker Memo Notes | 1180-01 | 1 |
| Owners manual | | 1 |

Set-up data

| | |
|--------------------|--------|
| Length | 400 mm |
| Stroke | 55 mm |
| Preload spring | 26 mm |
| Rebound adjustment | 16 |



Traction, handling,
comfort and safety



ADVANCED SUSPENSION TECHNOLOGY

Öhlins Racing AB, Box 722, S-194 27 Upplands Väsby, Sweden.

Phone +46 8 590 025 00, fax +46 8 590 025 80.

E-mail: info@ohlins.se

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ADVANCED SUSPENSION TECHNOLOGY

Safety signals

Important information concerning safety is distinguished in this manual by the following notations



The Safety alert symbol means: **Caution! Your safety is involved.**

⚠ WARNING!

Failure to follow warning instructions could result in **severe or fatal injury** to anyone working with, inspecting or using the suspension, or to bystanders.

CAUTION!

Caution indicates that special precautions must be taken to avoid damage to the suspension.

NOTE!

This indicates information that is of importance with regard to procedures

Kit contents

Before installing the shock absorber, please check the contents of the kit, listed on the front page of this instruction. If anything is missing, contact your Öhlins dealer.

NOTE!

During storage and transportation, especially at high ambient temperature, the oil and grease used for assembling may run out inside the packing and damage the expanded polystyrene packing material. This is not unusual and is in no way detrimental to the shock absorber.

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Before you start

⚠ WARNING!

Installing a shock absorber, that is not approved by the vehicle manufacturer, may affect the stability of your vehicle. Öhlins Racing AB cannot be held responsible for any personal injury or damage whatsoever that may occur after fitting the shock absorber. Contact an Öhlins dealer or other qualified person for advice.

Öhlins Racing AB can not be held responsible for any damage whatsoever to shock absorber or vehicle, or injury to persons, if the instructions for fitting and maintenance are not followed exactly. Similarly, the warranty will become null and void if the instructions are not adhered to.

⚠ WARNING!

Please study and make certain that you fully understand all the mounting instructions and the owner's manuals before handling this shock absorber kit. If you have any questions regarding proper installation procedures, contact an Öhlins dealer or other qualified person.

⚠ WARNING!

The vehicle service manual must be referred to when installing the Öhlins shock absorber.

NOTE!

Öhlins products are subject to continual improvement and development. Consequently, although these instructions include the most up-to-date information available at the time of printing, there may be minor differences between your suspension and this manual. Please consult your Öhlins dealer if you have any questions with regard to the contents of the manual.

Mounting instructions

1

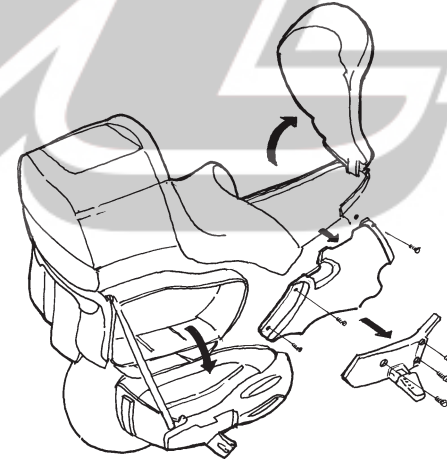
Put the motorcycle on the centre stand so that the rear wheel is clear of the ground. Make sure it is fixed so it will not fall over.

⚠ WARNING!

1. It's advisable to have an Öhlins dealer or other qualified person to fit your shock absorber.
2. Instructions in the vehicle service manual are to be followed when changing the shock absorber.
3. When working on a lifted vehicle it must be securely supported to prevent it from falling.

2

Open the left luggage box lid and open the front seat forwards.



3

Remove the right foot rest bracket. Open the right luggage box lid and remove the centre side cover by loosening the four attachment bolts.

4

Remove the hydraulic preload adjuster from it's bracket.

5

Loosen the upper (front) attachment of the shock absorber and then the lower (rear) attachment.

6

Remove the shock absorber backwards

7

Fit the Öhlins shock absorber from the rear. Fasten the lower and then the upper bracket

NOTE!

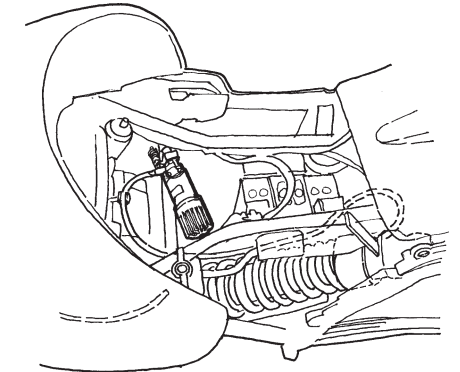
Make sure the attachment bolts are tightened to the correct torque and that nothing fouls or restricts the shock absorber when the suspension is being fully compressed or extended. See the motorcycles workshop manual for the correct readings.

8

Attach the Öhlin hydraulic preload adjuster to the original bracket and position the hose between the rear frame as shown in picture. Fix the hose with the tie raps provided.

9

Continue your work according to the Owner's Manual, section adjustments.



⚠ WARNING!

Certain modifications may be necessary when installing the Öhlins shock absorber/suspension. It is essential that the mounting instructions are carefully followed.