

Adjustments

⚠ Warning!

Before driving, 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.

The standard preload is 2 mm from a free length of 200 mm, giving 198 mm installed length, see fig ②.

Set-up Data

Recommended set-up

Rebound 10 clicks
Spring preload 2 mm
Shock absorber length 542 mm

Spring

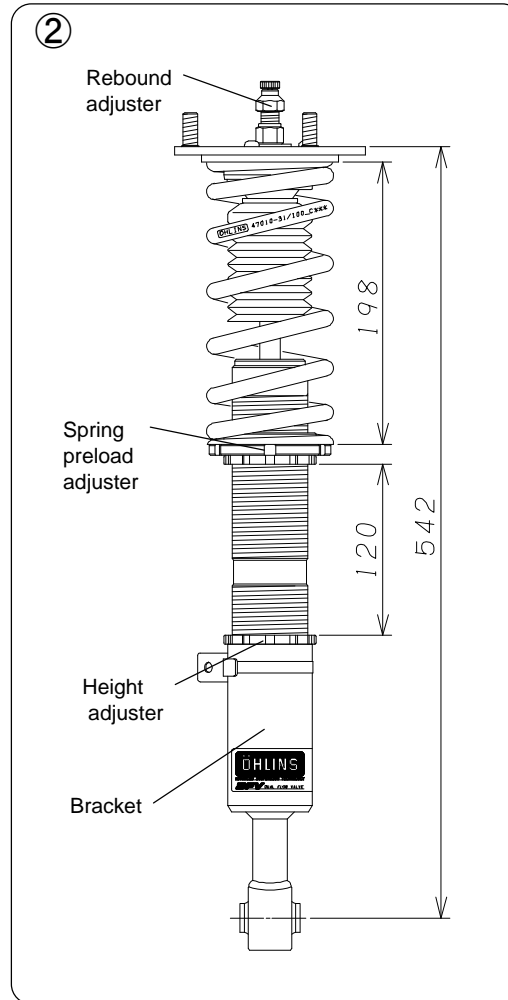
Spec H200, ID65, 100N/mm

The actual vehicle height

With both the preload and height adjustments in their standard positions, the vehicle is lowered approximately 20 mm when compared to the original suspension. As the height adjuster is turned one rotation, the position moves 1.5 mm.

⚠ Warning!

The adjustment range is the standard position ± 15 mm. If the bracket is moved outside the adjustment range, it may come loose.



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

Kit Contents	Pcs.
Shock absorber	2
Dust boot	2
Top mount	2
Rubber seat	2
Washer Ø38	2
Washer Ø30	2
Spring	2
Self lock nut M12	2
Spacer	2
MOUNTED ON SHOCK ABSORBER	
Adjuster	2
USED FOR BOTH FRONT AND REAR	
C-spanner	1
C-spanner	1
Öhlins sticker	1
Öhlins Owner's Manual	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 excess 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.

Part no. LESMI00_0
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www.ohlins.com

Shock Absorber Kit for Lexus IS250 (GSE20)

LES M100 front

Mounting Instructions



How to install

⚠ Warning!

It is advisable to have an Öhlins dealer install the shock absorber.
When installing, read your Vehicle Service Manual.



1

Raise the vehicle and put it on jack stands.

⚠ Warning!

Ensure that it is securely supported.

2

Remove the front wheels.

3

Remove the lower and the upper attachments and remove the original shock absorbers.

👁 Note!

When removing the original shock absorbers, the headlight level sensor must be removed.

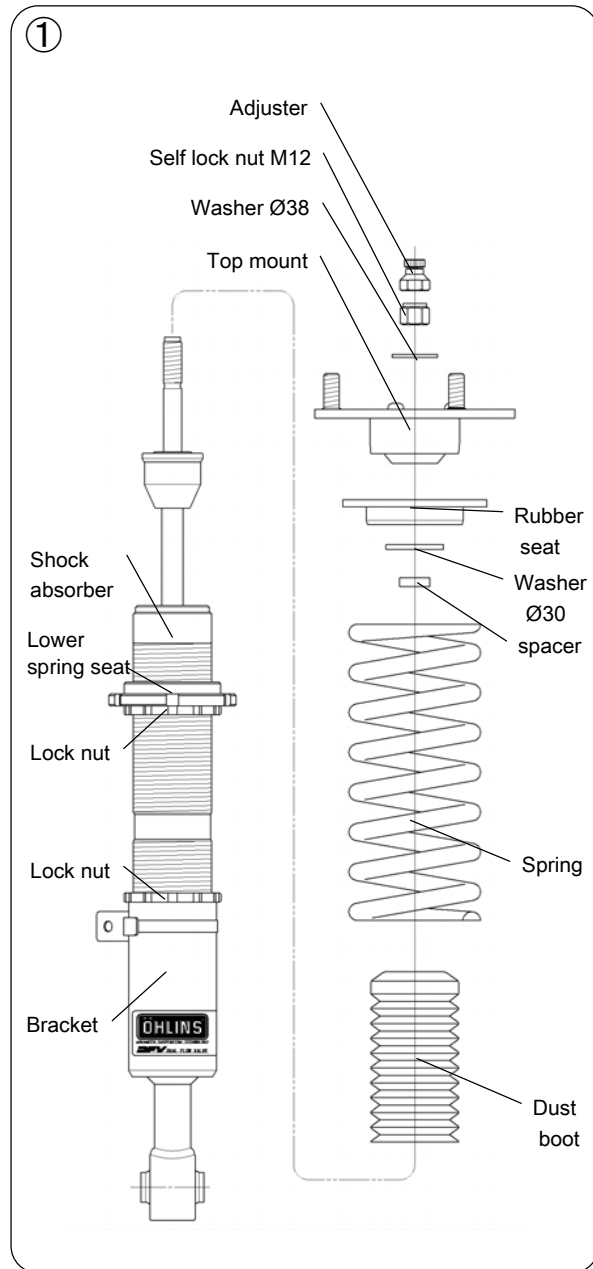
4

Tighten the lower spring seat and the lock nut to 50 - 60 Nm.

Fit the dust boot, the spring, the rubber seat, the top mount and the adjuster according to fig ①. Tighten the self lock nut to 30 Nm.

👁 Note!

When tightening the top mount nut, the shock absorber shaft must be held in position with a flat screwdriver.



5

Install the Öhlins shock absorbers on the vehicle.

6

Fasten the upper attachments.

👁 Note!

Make sure that all bolts are tightened to the correct torque and that nothing fouls or restricts movement of the shock absorber when it is being fully compressed or extended.

7

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

Adjustments

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Before driving, 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.

The standard preload is 2 mm from a free length of 250 mm, giving 248 mm installed length, see fig ③.

Set-up Data

Recommended set-up

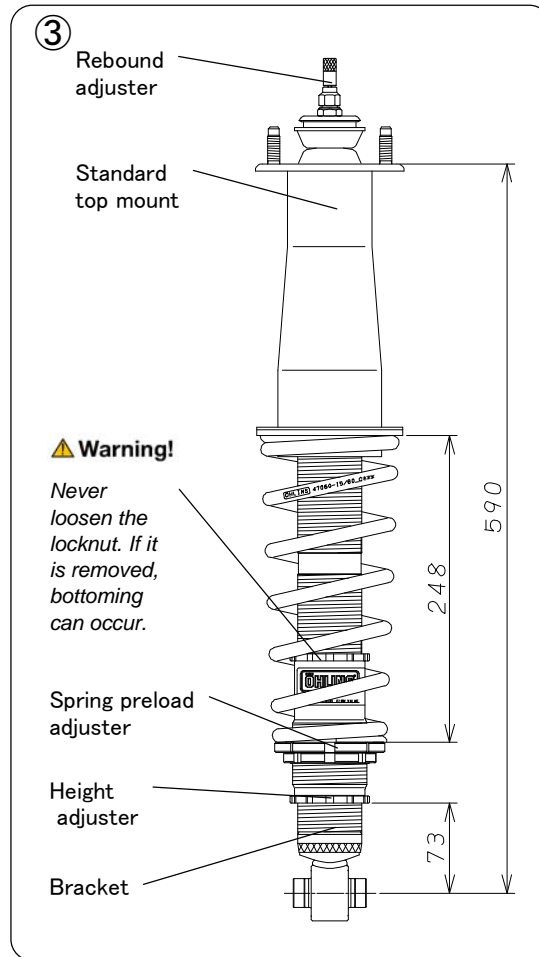
Rebound 10 clicks
 Spring preload 2 mm
 Shock absorber length 590 mm
Spring
 Spec H250, ID70_90, 60 N/mm

The actual vehicle height

With both the preload and height adjustments in their standard positions, the vehicle is lowered approximately 20 mm when compared to the original suspension. As the height adjuster is turned one rotation, the position moves 1.5 mm.

⚠ Warning!

The adjustment range is the standard position ± 15 mm. If the bracket is moved outside the adjustment range, it may come loose.



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

Kit Contents	Pcs.
Shock absorber	2
Spring	2
Self lock nut M12	2
Bushing spacer	4
Spacer	2

MOUNTED ON SHOCK ABSORBER
 Adjuster 2

USED FOR BOTH FRONT AND REAR	
C-spanner	1
C-spanner	1
Öhlins sticker	1
Öhlins Owner's Manual	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 excess 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.

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Shock Absorber Kit for Lexus IS250 (GSE20)

LES M100 rear

Mounting Instructions

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How to install

⚠ Warning!

It is advisable to have an Öhlins dealer install the shock absorber.
When installing, read your Vehicle Service Manual.



- 1 Raise the vehicle and put it on jack stands.

⚠ Warning!

Ensure that it is securely supported.

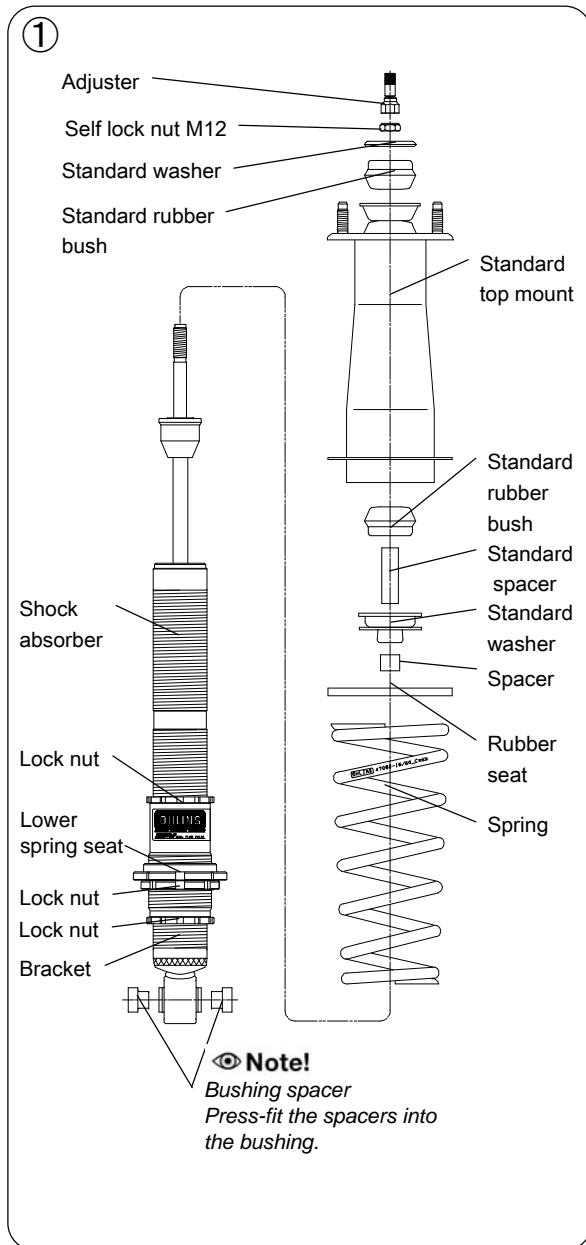
- 2 Remove the rear wheels.
- 3 Remove the lower and the upper attachments and remove the original shock absorbers.

- 4 Tighten the lower spring seat and the lock nut to 50 - 60 Nm.
Fit the bushing spacers, the spring, the top mount and the adjuster according to fig ①.
Tighten the self lock nut to 30 Nm.

👁 Note!

When tightening the top mount nut, the shock absorber shaft must be held in position with a flat screwdriver.

- 5 Install the Öhlins shock absorbers on the vehicle.



6

Make a $\varnothing 15$ hole in the side panel according to fig ②, and pass the adjuster.

👁 Note!

Make sure that all bolts are tightened to the correct torque and that nothing fouls or restricts movement of the shock absorber when it is being fully compressed or extended.

7

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

- ② Left side of vehicle body inside trunk room

