

Mounting Instructions

Öhlins suspension kit OPV1E00 - 4E00
for Opel Speedster, Front and Rear

Öhlins suspension Car Road & Track

Your new Öhlins suspension features adjustable damping forces, both compression and rebound.

The adjuster has a right hand thread and when turned clockwise to stop, it is fully closed. The damping is then of an absolute maximum.

The suspension also features adjustable spring pre-load. By turning the lower spring seat the pre load can be changed. The spring seat must be locked by the lock nut.

Rebound damping adjuster

Adjuster wheel on the piston shaft above the end bracket.

Compression damping adjuster

Adjustments are made on top of the reservoir.

Spring pre-load adjuster

The spring pre-load is adjusted by turning the rings on the shock absorber tube. Use a C-spanner.

CAUTION!

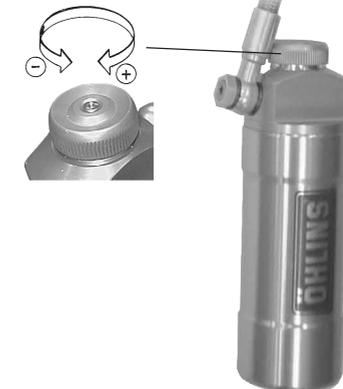
Using too much force when closing the adjusters, will destroy important sealing surfaces.



NOTE!

If you have turned the adjuster without counting the number of clicks you must go back to the recommended settings. Close the adjuster and count the clicks when turning it counter-clockwise.

With the adjuster you optimize the suspension for your driving style and the road conditions.



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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.

Before installation

Öhlins Racing AB can not be held responsible for any damage whatsoever to suspension components 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!

1. Installing suspension components, 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 suspension components. Contact an Öhlins dealer or other qualified person for advice.

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

3. The vehicle service manual must be referred to when installing the Öhlins suspension components

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.

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 suspension components.

Kit contents

Before installing the suspension components, please check the contents of the kits. If anything is missing, contact your Öhlins dealer.

Description	Part No.	Pcs.
Shock absorber*	OPV 1E00-4E00	4
Reservoir mounts	00230-01	8
Hose clamp	00643-02	8
Tie-raps	00231-01	8
C-spanner	00710-01	2
Sticker	00192-01	4
Owners manual		

Set up data

Rebound damping adjustment	13 clicks
Compression damping adjustments	8 clicks

Spring pre-load

Front	2 mm
Rear	2 mm

OPV1E00	Left - Front
OPV2E00	Right - Front
OPV3E00	Left - Rear
OPV4E00	Right - Rear

Mounting Instructions - Front

1

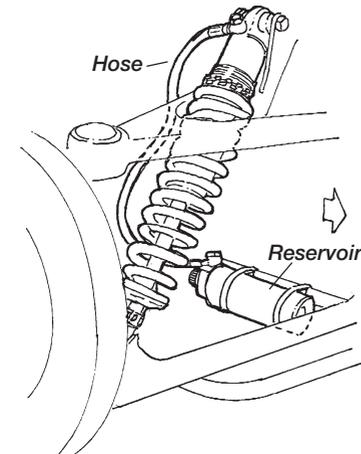
Remove the wheel and loosen the upper and lower mounts of the wheel stem.

2

Loosen the mounts of the shock absorber and remove the original shock absorber upwards.

3

Fit the Öhlins shock absorber in reverse order.

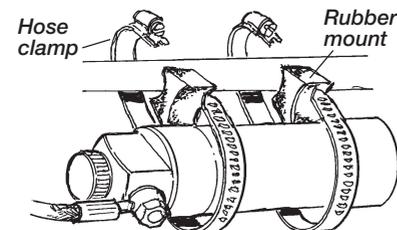


4

Fit the rubber mounts and the reservoir to the inside tube of the lower triangle link. Use the hose clamps provided to fix the reservoir.

NOTE!

Let the hose go in soft turns and make sure that nothing restricts or interferes with the shock absorber when the wheels are moving.



Mounting of reservoir

5

Refit the wheel stem and the wheel.

Mounting Instructions - Rear

1

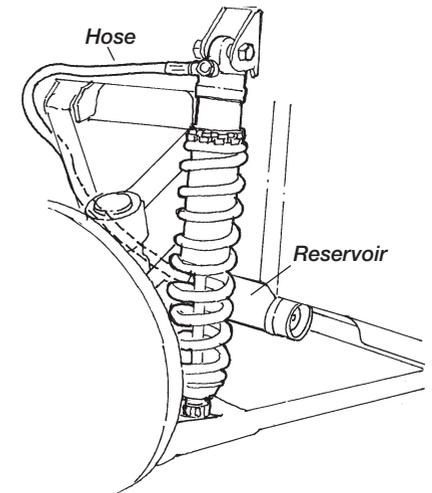
Remove the wheel and loosen the upper and lower mounts of the wheel stem.

2

Loosen the mounts of the shock absorber and remove the original shock absorber upwards.

3

Fit the Öhlins shock absorber in reverse order.



4

Fit the rubber mounts and the reservoir to the inside tube of the lower triangle link. Use the hose clamps provided to fix the reservoir.

NOTE!

Let the hose go in soft turns and make sure that nothing restricts or interferes with the shock absorber when the wheels are moving.

5

Refit the wheel stem and the wheel.

NOTE!

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