



How to change rear  
shock absorbers on  
**VOLVO S60 I (384)** –  
replacement guide

### SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

#### **i Important!**

This replacement procedure can be used for:

VOLVO S60 I (384) 2.4, VOLVO S60 I (384) 2.4 T, VOLVO S60 I (384) 4.0 T5, VOLVO S60 I (384) 2.4 D5, VOLVO S60 I (384) 2.0 T, VOLVO S60 I (384) 2.4 Bifuel (CNG), VOLVO S60 I (384) 2.4 D, VOLVO S60 I (384) 2.5 T, VOLVO S60 I (384) 2.4 T5, VOLVO S60 I (384) 2.3 T5, VOLVO S60 I (384) 2.4 Bifuel (LPG)

The steps may slightly vary depending on the car design.

This tutorial was created based on the replacement procedure for a similar car part on: VOLVO V70 II (285) 2.0 T

REPLACEMENT: SHOCK ABSORBERS – VOLVO S60 I  
(384). TOOLS YOU NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #18
- Torx bit T30
- Impact socket N°18
- Wheel impact socket #19
- Ratchet wrench
- Torque wrench
- Tap wrench
- Locking pliers
- Crow bar
- Hydraulic transmission jack
- Wheel chock

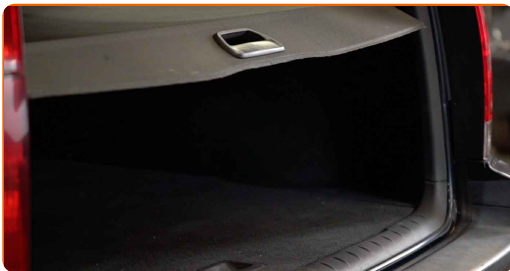
**Buy tools**

Replacement: shock absorbers – VOLVO S60 I (384). Professionals recommend:

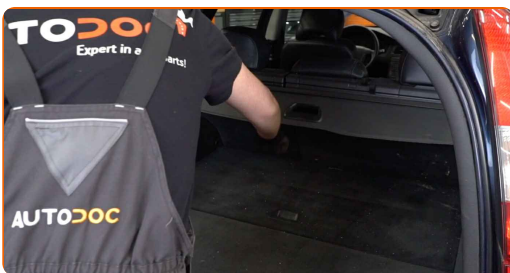
- Both shock absorbers of the rear suspension should be replaced simultaneously.
- The replacement procedure is identical for the left and right shock absorbers of the rear suspension.
- All work should be done with the engine stopped.

## REPLACEMENT: SHOCK ABSORBERS – VOLVO S60 I (384). TAKE THE FOLLOWING STEPS:

**1** Open the boot lid.



**2** Move the folding shelf and detach it from the retainers. By doing this, you will get access to the side trim plastic panels.



**3** Raise the lower lining of the boot.



4 Remove the boot front lower lining.



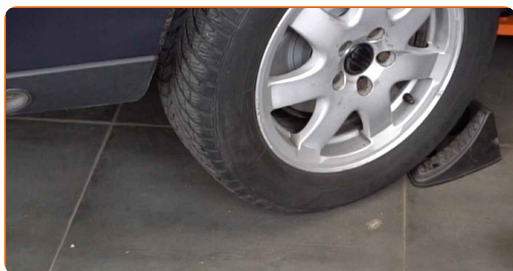
5 Clean the shock absorber fasteners. Use a wire brush. Use WD-40 spray.



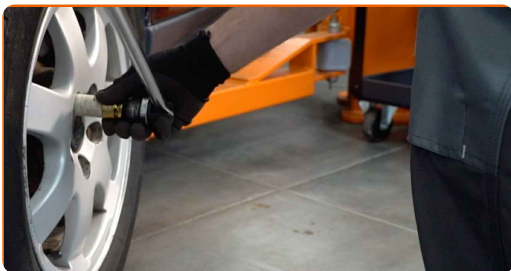
6 Loosen the upper fastener of the shock absorber. Use a combination spanner #18. Use Torx T30. Use a ratchet wrench.



7 Secure the wheels with chocks.

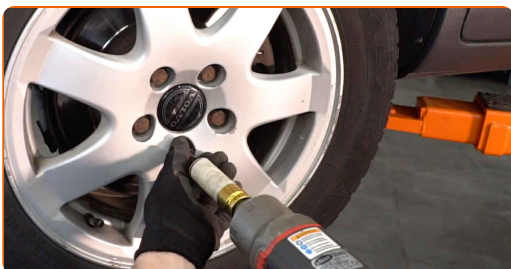


**8** Loosen the wheel mounting bolts. Use wheel impact socket #19.



**9** Raise the rear of the car and secure on supports.

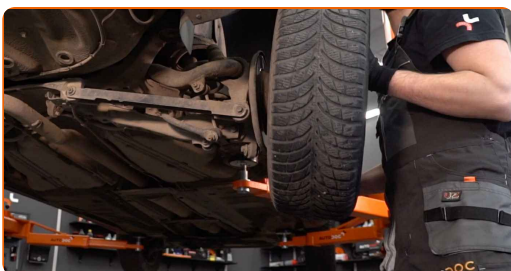
**10** Unscrew the wheel bolts.



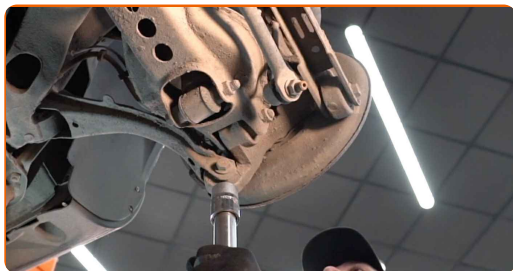
Replacement: shock absorbers – VOLVO S60 I (384). AUTODOC recommends:

- To avoid injury, hold up the wheel when unscrewing the bolts.

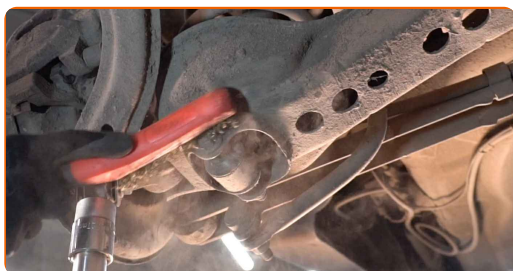
**11** Remove the wheel.



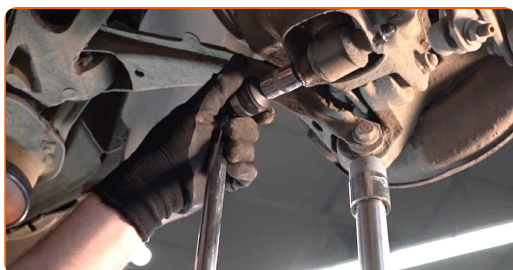
**12** Support the arm. Use a hydraulic transmission jack.



**13** Clean the shock absorber fasteners. Use a wire brush. Use WD-40 spray.



**14** Unscrew the lower fastener of the shock absorber. Use a drive socket #18. Use a tap wrench.



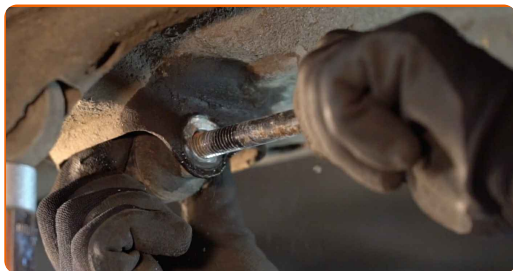
**15** Unscrew the upper fastener of the shock absorber.



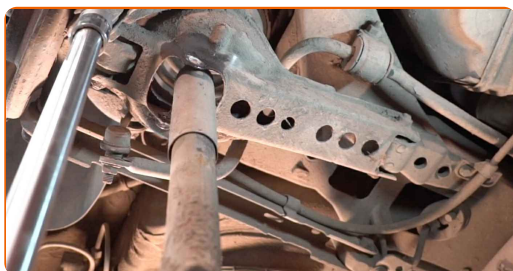
**AUTODOC recommends:**

- Important! Hold the shock absorber while unscrewing the fastening bolts. VOLVO S60 I (384)

**16** Remove the fastening bolt.



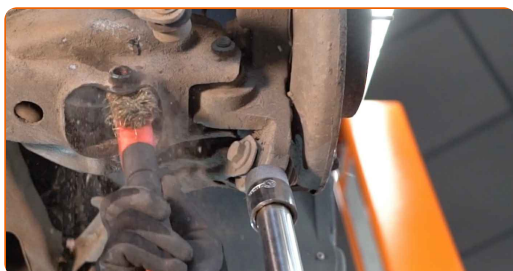
**17** Remove the shock absorber. Use a crowbar.



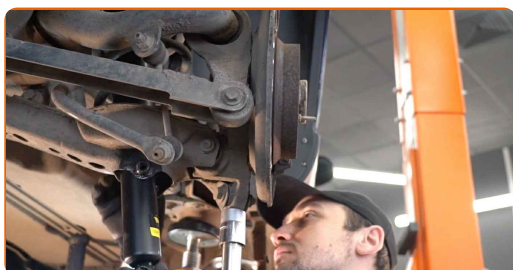
Replacement: shock absorbers – VOLVO S60 I (384). Tip from AUTODOC experts:

- Before installing a new shock absorber you should pump it manually 3-5 times.

**18** Clean the shock absorber mounting seats. Use a wire brush. Use WD-40 spray.



**19** Place the shock absorber in the wheel arch and fasten it.



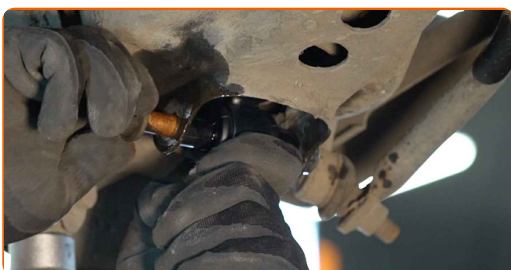


Replacement: shock absorbers – VOLVO S60 I (384). Tip from AUTODOC:

- To avoid injury, hold the shock absorber cautiously tight when screwing in the fastening bolts.

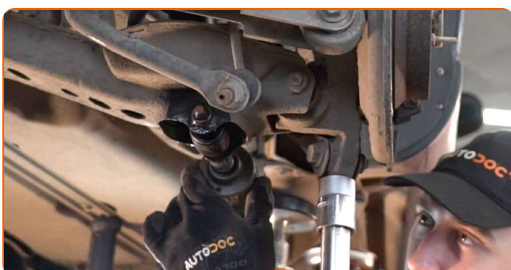
20

Install the fastening bolt.



21

Screw in the lower fastener of the shock absorber. Use a drive socket #18.



22

Tighten the top shock absorber fastening. Use a combination spanner #18. Use a drive socket #18. Use locking pliers. Use a torque wrench. Tighten it to 60 Nm torque.



- 23** Tighten the lower fastener of the shock absorber. Use a drive socket #18. Use a torque wrench. Tighten it to 85 Nm torque.



- 24** Remove the support from under the arm.



**AUTODOC recommends:**

- VOLVO S60 I (384) – Do not lower the transmission jack sharply to avoid damaging components and mechanisms of the car.

- 25** Treat the shock absorber fasteners. Use copper grease.



26

Treat the surface where the brake disc contacts the wheel rim. Use copper grease.



27

Clean the brake disk surface. Use a brake cleaner.

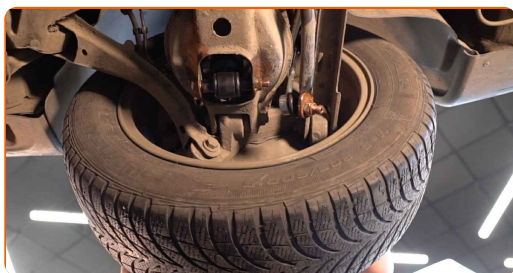


**AUTODOC recommends:**

- After applying the spray, wait a few minutes.

28

Install the wheel.



Replacement: shock absorbers – VOLVO S60 I (384). AUTODOC experts recommend:

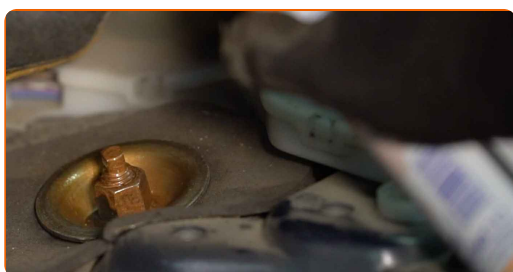
- To avoid injury, hold up the wheel when screwing in the fastening bolts.

**29** Screw in the wheel bolts. Use wheel impact socket #19.

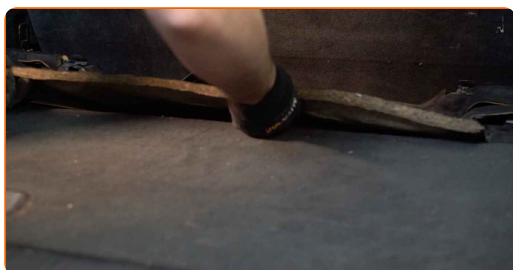


**30** Lower the car.

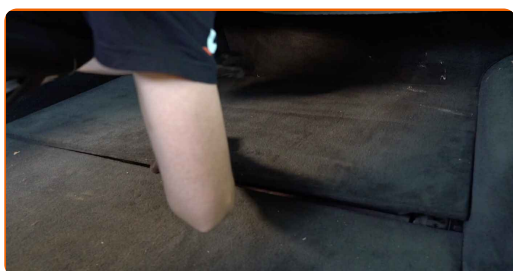
**31** Treat the shock absorber fasteners. Use copper grease.



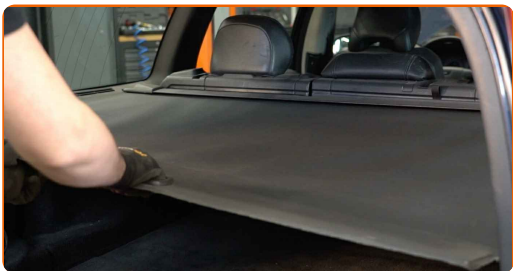
**32** Install the boot front lower lining.



**33** Put down the lower lining of the boot.



34 Install the folding shelf to its mounting seat.



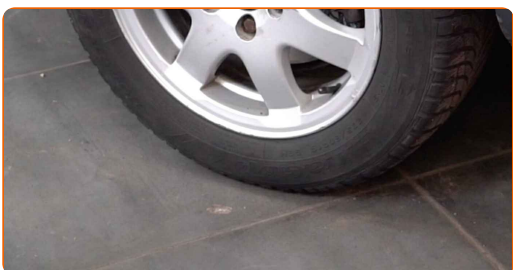
35 Close the lid of the luggage compartment.



36 Tighten the wheel bolts using a criss-cross pattern. Use a torque wrench. Tighten it to 140 nm torque.



37 Remove the jacks and chocks.



**WELL DONE!** 

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