



How to change front  
strut mount on **VOLVO**  
**S60 I (384)** –  
replacement guide

### SIMILAR VIDEO TUTORIAL



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

#### **Important!**

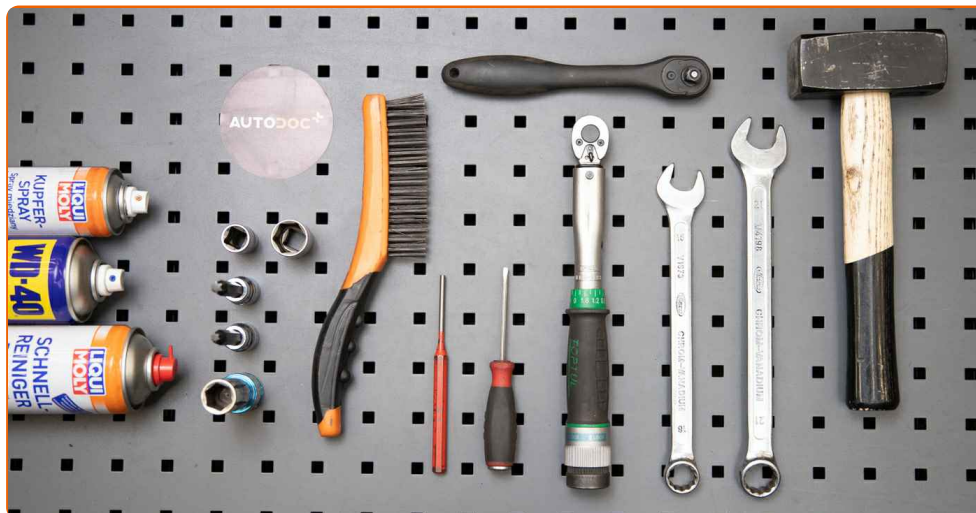
This replacement procedure can be used for:

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) 2.4 T AWD, VOLVO S60 I (384) 2.0 T, VOLVO S60 I (384) 2.4 Bifuel (CNG), VOLVO S60 I (384) 2.5 R T AWD, VOLVO S60 I (384) 2.4 D, VOLVO S60 I (384) 2.5 T, VOLVO S60 I (384) 2.5 T AWD, VOLVO S60 I (384) 2.4 T5, VOLVO S60 I (384) 2.3 T5, VOLVO S60 I (384) 2.4 Bifuel (LPG), VOLVO S60 I (384) 2.4 CDI

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 XC90 I (275) 2.4 D5

**REPLACEMENT: STRUT MOUNT – VOLVO S60 I (384).  
TOOLS YOU MIGHT NEED:**



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Drive socket # 13
- Drive socket # 21
- Combination spanner #18
- Combination spanner #21
- Torx bit T40
- Torx bit T50
- Wheel impact socket #19
- Ratchet wrench
- Torque wrench
- Pin punch
- Hammer
- Flat Screwdriver
- Hydraulic strut spring compressor
- Fender cover
- Wheel chock

**Buy tools**

Replacement: strut mount – VOLVO S60 I (384). AUTODOC experts recommend:

- The replacement procedure is identical for the mounts of the left and right shock struts of the front suspension.
- All mounts of the front shock struts should be replaced simultaneously.
- Please note: all work on the car – VOLVO S60 I (384) – should be done with the engine switched off.

## CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

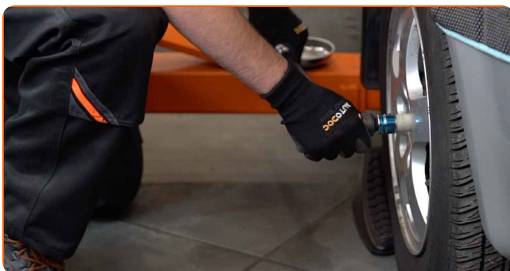
1

Secure the wheels with chocks.



2

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



3

Raise the front of the car and secure on supports.

4

Unscrew the wheel bolts.



**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.  
VOLVO S60 I (384)

5

Remove the wheel.



6

Clean the stabiliser link fasteners. Use a wire brush. Use WD-40 spray.



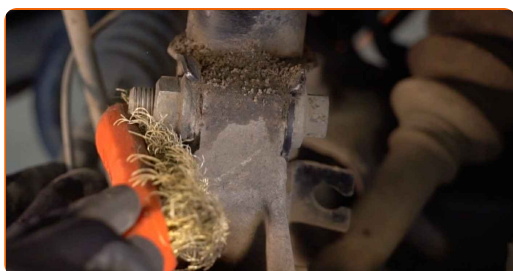
- 7** Unscrew the fastener connecting the stabilizer link to the shock strut. Use a combination spanner #18. Use Torx T40. Use a ratchet wrench.



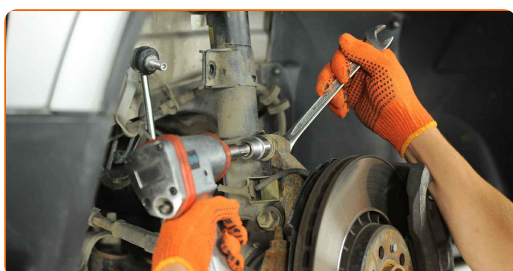
- 8** Remove the stabilizer rod.



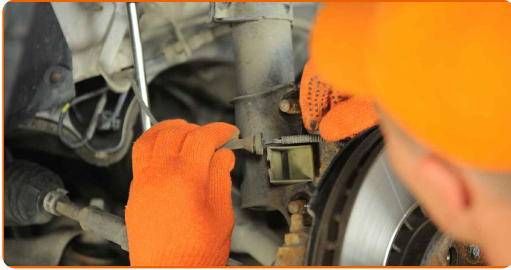
- 9** Clean the fasteners connecting the shock strut to the steering knuckle. Use a wire brush. Use WD-40 spray.



- 10** Unscrew the fasteners connecting the suspension strut to the steering knuckle. Use a combination spanner #18. Use a drive socket #21. Use a ratchet wrench.



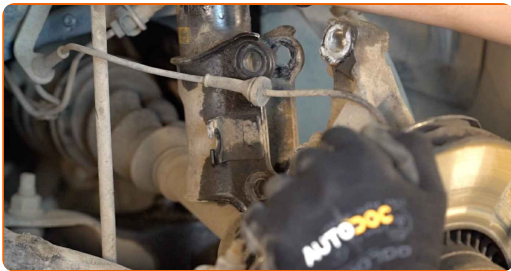
**11** Disconnect the ABS sensor wiring.



**12** Remove the fastening bolts.



**13** Disconnect the steering knuckle from the shock absorber strut.

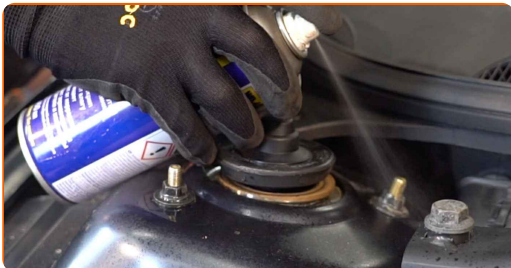


**14** Lower the car.

**15** Open the bonnet.

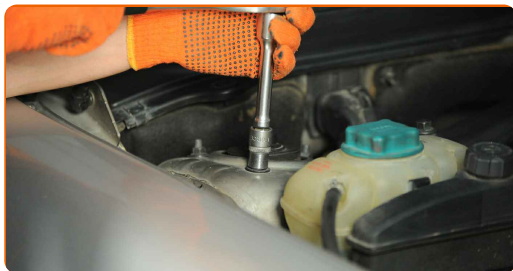
**16** Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.

**17** Clean the fasteners of the shock strut upper mount. Use a wire brush. Use WD-40 spray.



18

Unscrew the upper fasteners of the shock strut. Use a drive socket #13. Use a ratchet wrench.

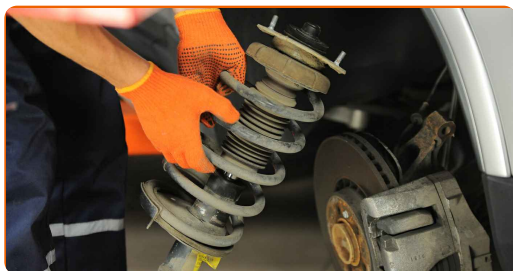


**AUTODOC recommends:**

- VOLVO S60 I (384) – To avoid injury, hold the suspension strut while unscrewing the fastening bolts.

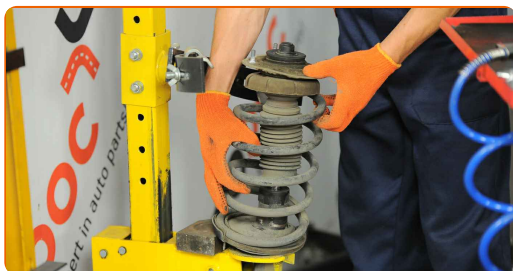
19

Remove the suspension strut.



20

Set the shock absorber strut on the spring compressor tool.

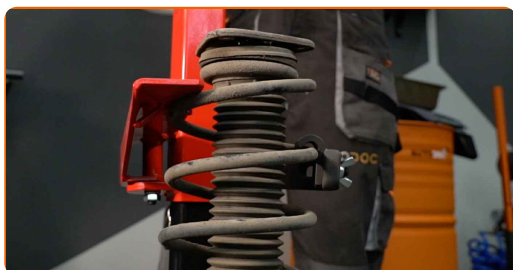




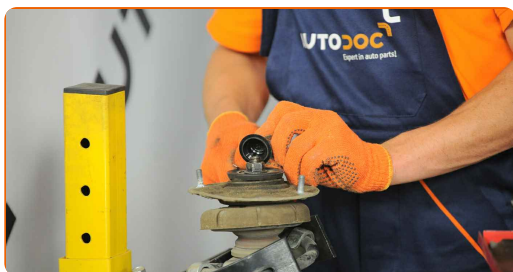
Replacement: strut mount – VOLVO S60 I (384). Professionals recommend:

- Note that when using a spring compressor, spring coils need to be securely gripped, compressing the spring on the opposite sides.
- Ensure the correct position of the spring in the retainer.
- Make sure that the spring coils tightly entered the lock handles.

21 Compress the spring.



22 Remove the suspension strut mount cap. Use a flat screwdriver.



23 Treat the shock strut rod. Use a wire brush. Use WD-40 spray.

24 Remove the strut piston rod nut. Use a combination spanner #21. Use Torx T50. Use a ratchet wrench.



**25**

Remove the top strut mount.



**Replacement: strut mount – VOLVO S60 I (384). Tip from AUTODOC:**

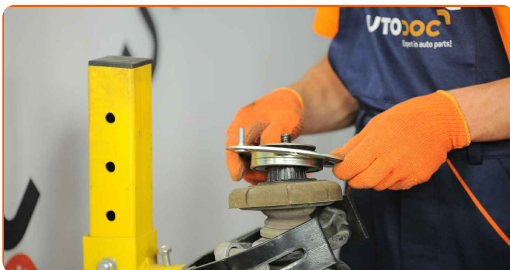
- Examine the shock absorber dust cap and the bump stop. Replace them if necessary.

**26**

Clean the mounting seat of the shock strut mount. Use a wire brush. Use WD-40 spray.

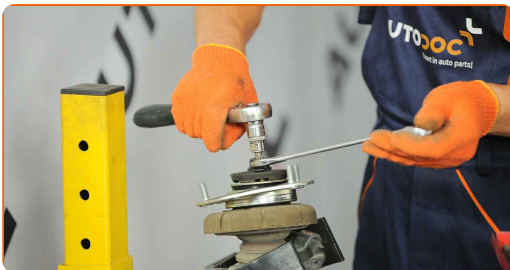
**27**

Install a new top shock strut mount.



**28**

Tighten the shock strut piston rod nut. Use a combination spanner #21. Use Torx T50. Use a torque wrench. Tighten it to 70 Nm torque.



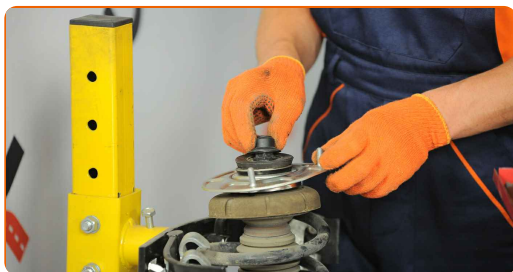
Replacement: strut mount – VOLVO S60 I (384). Tip:

- Check to make sure the spring is positioned correctly. Avoid its misalignment.

**29** Treat the shock strut rod. Use copper grease.

**30** Decompress the spring.

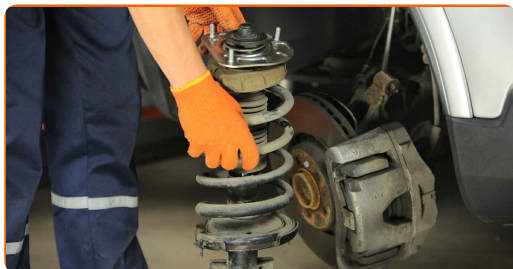
**31** Install the suspension strut mount cap.



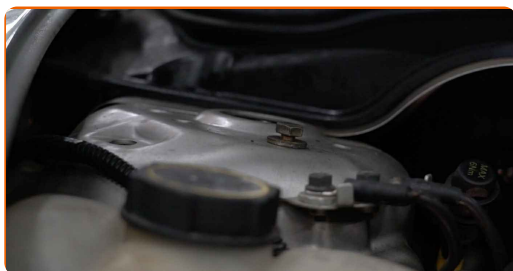
**32** Remove the assembled shock strut.



**33** Install the shock strut into the wheel arch.



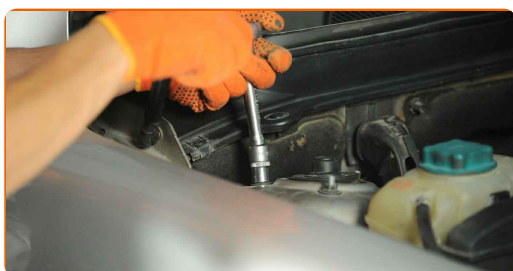
**34** Secure the upper fasteners of the shock strut.



**AUTODOC recommends:**

- VOLVO S60 I (384) – To avoid injury, hold the suspension strut while screwing in the fastening bolts.

**35** Tighten the upper fasteners of the shock strut. Use a drive socket #13. Use a torque wrench. Tighten it to 25 Nm torque.

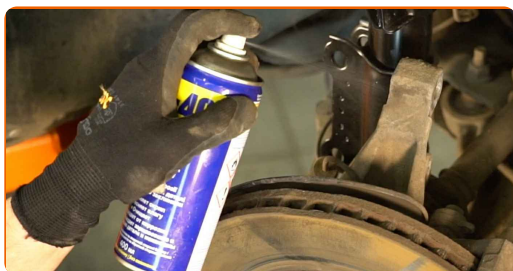


**36** Remove the fender protection cover.

**37** Close the hood.

**38** Raise the front of the car and secure on supports.

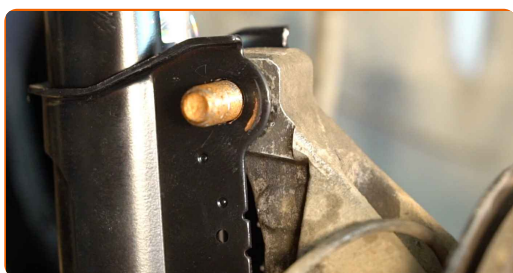
**39** Treat the shock strut mounting seat on the steering knuckle. Use a wire brush. Use WD-40 spray.



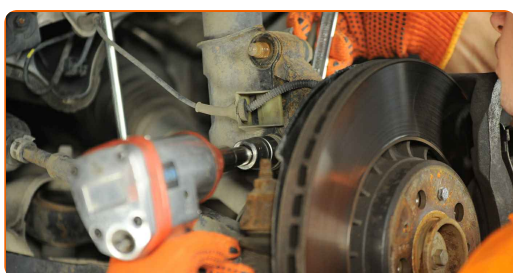
**40** Fix the shock absorber strut on the steering knuckle.



**41** Install the fastening bolts.



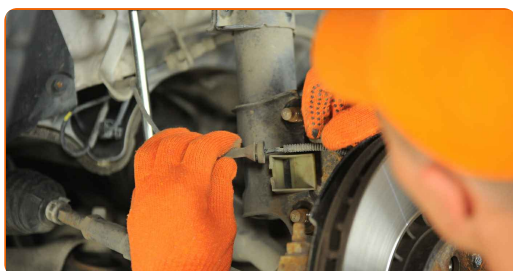
**42** Tighten the lower fasteners connecting the shock strut to the steering knuckle. Use a combination spanner #18. Use a drive socket #21. Use a torque wrench. Tighten it to 105 Nm torque.+75°



**AUTODOC recommends:**

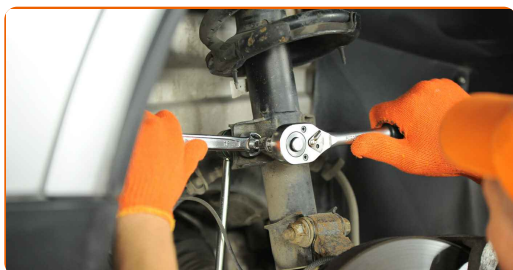
- Important! Be sure to use new fasteners.

**43** Connect the ABS sensor wiring.



**44** Install the transverse stabilizer link.

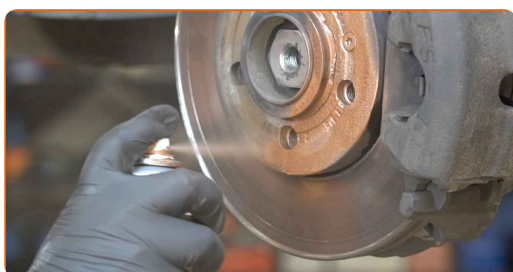
**45** Tighten the fastener connecting the stabilizer link to the shock strut. Use a combination spanner #18. Use Torx T40. Use a torque wrench. Tighten it to 90 Nm torque.



**46** Treat all joints of the stabiliser link. Treat the shock strut fasteners. Use copper grease.



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



**48** Clean the brake disk surface. Use a brake cleaner.



**AUTODOC recommends:**

- Replacement: strut mount – VOLVO S60 I (384). After applying the spray, wait a few minutes.

**49**

Install the wheel.



**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. VOLVO S60 I (384)

**50**

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



**51**

Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #19. Use a torque wrench. Tighten it to 140 nm torque.



52

Remove the jacks and chocks.



**WELL DONE!** 

[VIEW MORE TUTORIALS](#)



# AUTODOC – TOP QUALITY AND AFFORDABLE CAR PARTS ONLINE

**AUTODOC MOBILE APP: GREAT DEALS AND CONVENIENT SHOPPING**



**+ AUTODOC**

GET IT ON  
**Google Play**

Download on the  
**App Store**

**Download**

**A GREAT SELECTION OF SPARE PARTS FOR YOUR CAR**

**STRUT MOUNT: A WIDE SELECTION**

## **(i) DISCLAIMER:**

The document contains only general recommendations that may be useful for you when you perform repair or replacement work. AUTODOC shall not be liable for any loss, injury, damage of property occurring in the repair or replacement process due to incorrect use or misinterpretation of the provided information.

AUTODOC shall not be liable for any possible mistakes and uncertainties in this guide. The information provided is for information purposes only and cannot replace advice from specialists.

AUTODOC shall not be liable for incorrect or hazardous usage of equipment, tools and car parts. AUTODOC strongly recommends to be careful and observe the safety rules when performing repair or replacement works. Remember: usage of low quality auto parts does not guarantee you the appropriate level of road safety.

© Copyright 2023 – All the contents of this website, in particular texts, photographs and graphics, are protected by copyright. All rights, including reproduction, publication, editing and translation rights, are reserved by AUTODOC SE.