



How to change front  
strut mount on **OPEL**  
**Astra G Van (F70)** –  
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:

OPEL Astra G Van (F70) 1.6 (F70), OPEL Astra G Van (F70) 1.7 TD (F70), OPEL Astra G Van (F70) 2.0 DI (F70), OPEL Astra G Van (F70) 1.7 DTI 16V (F70), OPEL Astra G Van (F70) 1.7 CDTi (F70)

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: OPEL Astra G CC (T98) 1.2 16V (F08, F48)

REPLACEMENT: STRUT MOUNT – OPEL ASTRA G VAN (F70). TOOLS YOU NEED:



- Wire brush
- WD-40 spray
- Copper grease
- Drive socket # 9
- Drive socket # 17
- Drive socket # 18
- Combination spanner #17
- Combination spanner #18
- Combination spanner #19
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Flat screwdriver
- Tap wrench
- Crow bar
- Hydraulic transmission jack
- Hydraulic strut spring compressor
- Fender cover
- Wheel chock

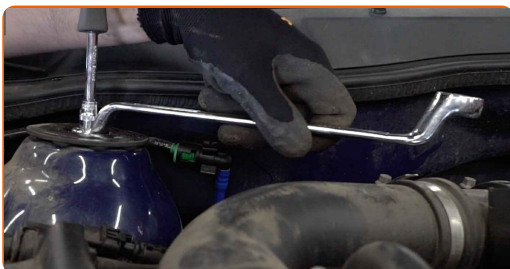
**Buy tools**

Replacement: strut mount – OPEL Astra G Van (F70). Professionals recommend:

- All mounts of the front shock struts should be replaced simultaneously.
- The replacement procedure is identical for the mounts of the left and right shock struts of the front suspension.
- Be sure to replace all self-locking nuts and bolts during installation.
- All work should be done with the engine stopped.

**REPLACEMENT: STRUT MOUNT – OPEL ASTRA G VAN (F70). TAKE THE FOLLOWING STEPS:**

- 1 Open the bonnet.
- 2 Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.
- 3 Remove the shock strut mount cap. Use a flat screwdriver.
- 4 Treat the shock strut rod. Use a wire brush. Use WD-40 spray.
- 5 Unscrew the shock absorber mount fastening. Use a combination spanner #17. Use a drive socket #9. Use a ratchet wrench.



6 Secure the wheels with chocks.



7 Loosen the wheel mounting bolts. Use wheel impact socket #17.



8 Raise the front of the car and secure on supports.

9 Unscrew the wheel bolts.



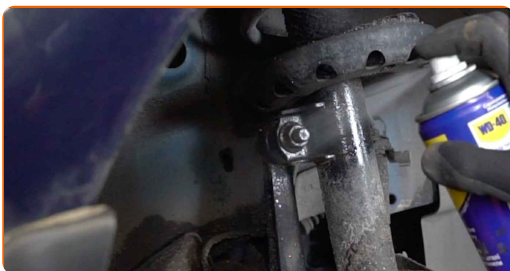
Replacement: strut mount – OPEL Astra G Van (F70). AUTODOC recommends:

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

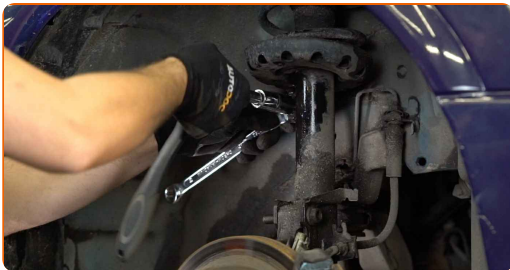
10 Remove the wheel.



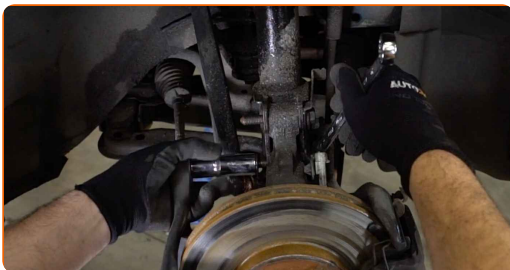
11 Clean the fasteners connecting the stabiliser link to the shock strut, and those connecting the shock strut to the steering knuckle. Use a wire brush. Use WD-40 spray.



12 Unscrew the nut and remove the stabilizer rod from the shock strut. Use a combination spanner #19. Use a drive socket #18. Use a ratchet wrench.

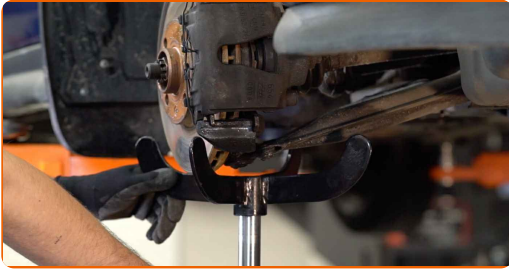


13 Unscrew the lower fastener connecting the shock strut to the steering knuckle. Use a combination spanner #18. Use a drive socket #18. Use a tap wrench.





14 Prop up the steering knuckle. Use a hydraulic transmission jack.



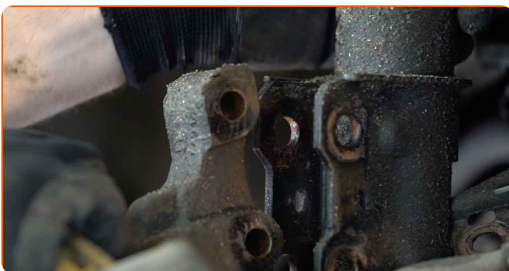
15 Remove the fastener attaching the brake hose to the shock strut.



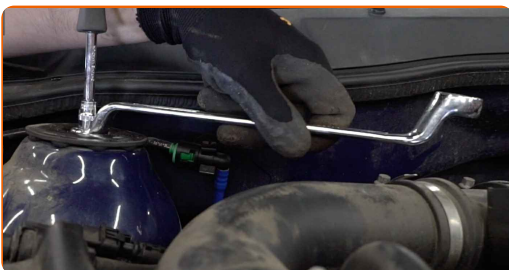
16 Disconnect the brake hose holder from the shock absorber strut. Use a flat screwdriver.



17 Disconnect the steering knuckle from the shock absorber strut. Use a crowbar.



18 Unscrew the upper fastening of the shock absorber strut. Use a combination spanner #17. Use a drive socket #9.



AUTODOC recommends:

- Important! Hold the suspension strut while unscrewing the fastening bolts. OPEL Astra G Van (F70)

19

Remove the suspension strut.



20

Set the shock absorber strut on the spring compressor tool.



Replacement: strut mount – OPEL Astra G Van (F70). AUTODOC experts 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 strut piston rod nut. Use a combination spanner #19. Use a drive socket #9.



23 Remove the shock absorber mount, boot and bump stop. Use a crowbar.



24 Install the new mount, boot, and bump stop on the shock absorber.



- 25 Tighten the shock strut piston rod nut. Use a combination spanner #19. Use a drive socket #9. Use a torque wrench. Tighten it to 50 Nm torque.



Replacement: strut mount – OPEL Astra G Van (F70). Tip:

- Check to make sure the spring is positioned correctly. Avoid its misalignment.
- Important! Be sure to use new fasteners.

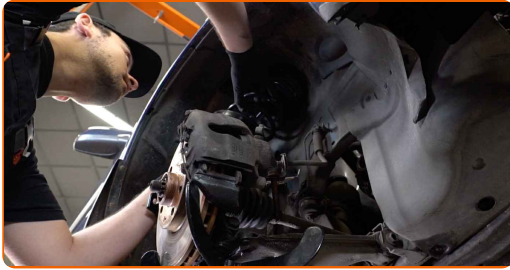
- 26 Decompress the spring.



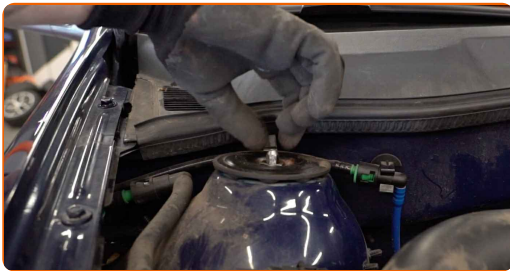
- 27 Remove the assembled shock strut.



28 Install the shock strut into the wheel arch.



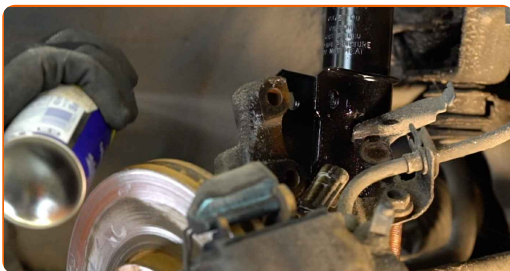
29 Tighten the upper fastening nut of the shock absorber strut. Do not tighten it.



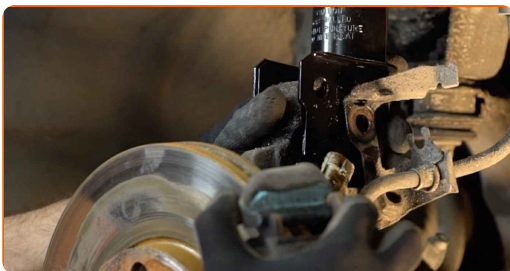
Replacement: strut mount – OPEL Astra G Van (F70). Tip from AUTODOC:

- To avoid injuries, hold the shock strut when screwing the fastening bolts in.

30 Clean the mounting seats of the shock strut. Use a wire brush. Use WD-40 spray.



31 Fix the shock absorber strut on the steering knuckle.



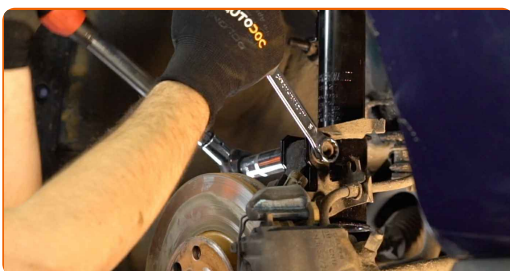
32

Install the new steering knuckle bolts.



33

Tighten the lower fasteners connecting the shock strut to the steering knuckle. Use a combination spanner #18. Use a drive socket #18. Use a torque wrench. Tighten it to 90 Nm torque.+45°

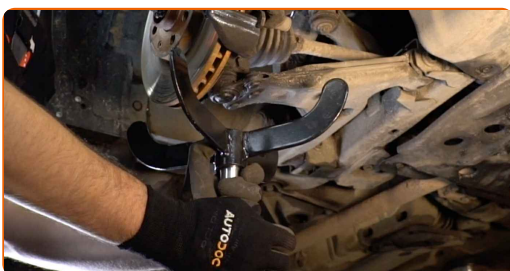


**AUTODOC recommends:**

- Important! Be sure to use new fasteners.

34

Remove the support from under the steering knuckle.



**AUTODOC recommends:**

- Replacement: strut mount – OPEL Astra G Van (F70). Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

**35** Fasten the brake hose on the strut. Use a crowbar.

**36** Install the brake hose retaining clip.



**37** Secure the stabilizer link on the suspension strut. Use a combination spanner #19. Use a drive socket #18. Use a torque wrench. Tighten it to 65 Nm torque.



**38** Clean the wheel rim mounting seat. Use a wire brush. Treat the contacting surface. Use copper grease.



**39** Install the wheel.



AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts. OPEL Astra G Van (F70)

40

Screw in the wheel bolts. Use wheel impact socket #17.



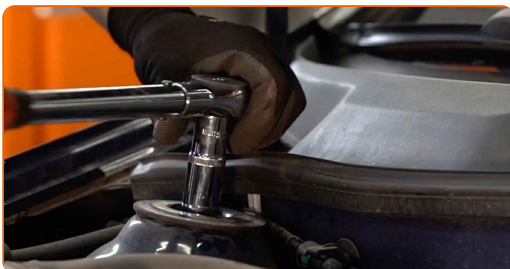
41

Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 110 Nm torque.



42

Tighten the shock strut top mount. Use a drive socket #17. Use a torque wrench. Tighten it to 50 Nm torque.



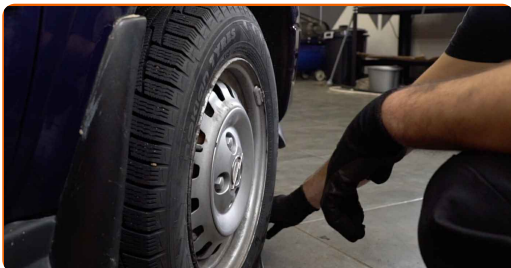
AUTODOC recommends:

- Important! Be sure to use new fasteners.



43 Install the shock strut mount cap.

44 Remove the jacks and chocks.



45 Remove the fender protection cover.

46 Close the hood.

**WELL DONE!** 

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**STRUT MOUNT: A WIDE SELECTION**

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