



How to change front
strut mount on **Opel**
Corsa C – replacement
guide

VIDEO TUTORIAL



Important!

This replacement procedure can be used for:

OPEL VECTRA B Hatchback (38_) 1.6 i (X 16 SZR), OPEL VECTRA B Hatchback (38_) 1.6 i 16V (F68), OPEL VECTRA B Hatchback (38_) 1.8 i 16V (X18XE1, Z18XEL), OPEL VECTRA B Hatchback (38_) 1.7 TD (F68), OPEL VECTRA B (36_) 1.8 i 16V (X 16 SZR), OPEL VECTRA B (36_) 1.6 i 16V (F19), OPEL VECTRA B (36_) 1.8 i 16V (X18XE1, Z18XEL), OPEL VECTRA B (36_) 1.7 TD (F19), OPEL VECTRA B Estate (31_) 1.6 i (X 16 SZR), OPEL VECTRA B Estate (31_) 1.6 i 16V (F35), OPEL VECTRA B Estate (31_) 1.8 i 16V (X18XE1, Z18XEL), OPEL Astra G CC (T98) 1.2 16V (F08, F48), OPEL Astra G CC (T98) 1.6 (F08, F48), OPEL Astra G CC (T98) 1.6 16V (F08, F48), OPEL Astra G CC (T98) 1.8 16V (F08, F48), (+ 73)

The steps may slightly vary depending on the car design.

REPLACEMENT: STRUT MOUNT – OPEL CORSA C.
TOOLS YOU NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #17
- Combination spanner #18
- Drive socket # 18
- Drive socket # 19
- HEX №H6 wrench
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Tap wrench
- Hydraulic strut spring compressor
- Fender cover
- Wheel chock

BUY TOOLS

Replacement: strut mount – Opel Corsa C. AUTODOC recommends:

- 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.
- Please note: all work on the car – Opel Corsa C – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1 Secure the wheels with chocks.

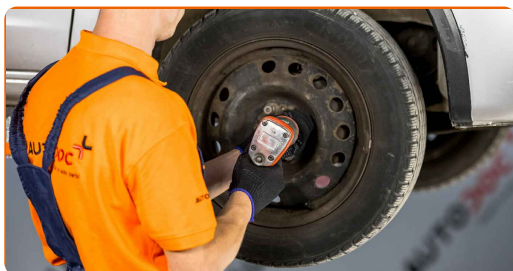


2 Loosen the wheel mounting bolts. Use wheel impact socket #17.

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



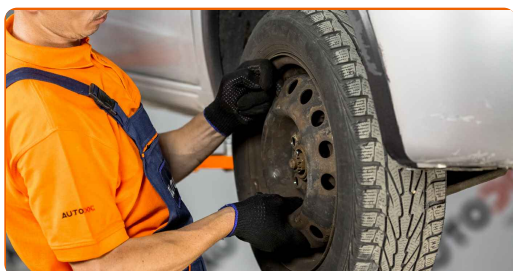
4 Unscrew the wheel bolts.



AUTODOC recommends:

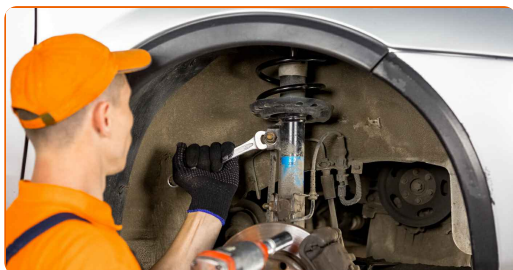
- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.
Opel Corsa C

5 Remove the wheel.

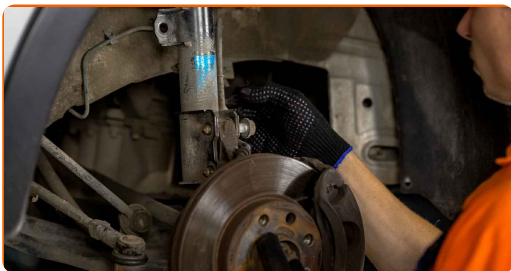


6 Clean the stabiliser link fasteners. Use a wire brush. Use WD-40 spray.

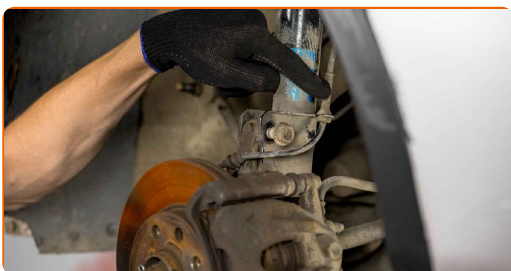
7 Unscrew the fastener connecting the stabilizer link to the shock strut. Use a combination spanner #17. Use a drive socket #19. Use a ratchet wrench.



8 Remove the stabilizer rod.

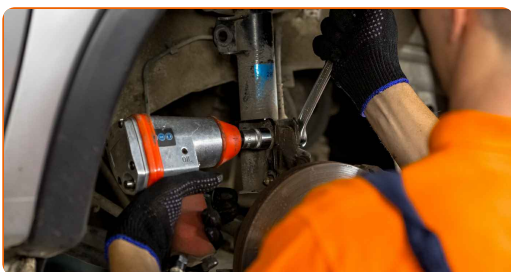


9 Disconnect the fastener of the ABS sensor cable from the shock absorber strut.

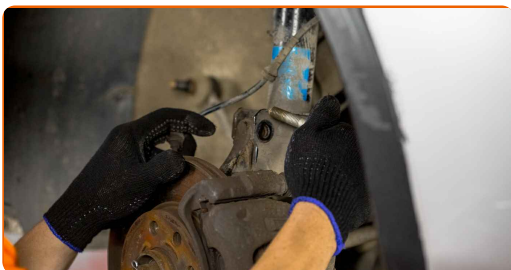


10 Clean the fasteners connecting the shock strut to the steering knuckle. Use a wire brush. Use WD-40 spray.

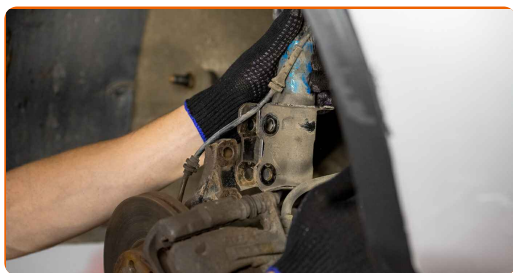
11 Unscrew the lower fastener connecting the shock strut to the steering knuckle. Use a combination spanner #18. Use a drive socket #18. Use a tap wrench.



12 Remove the fastening bolts.

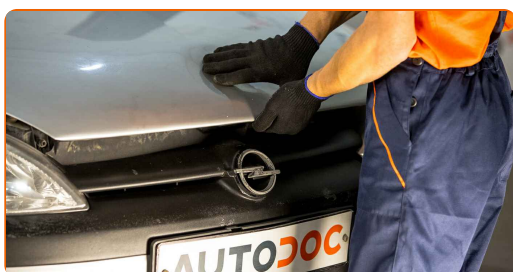


13 Detach the bottom part of the shock strut.



14 Lower the car.

15 Open the bonnet.



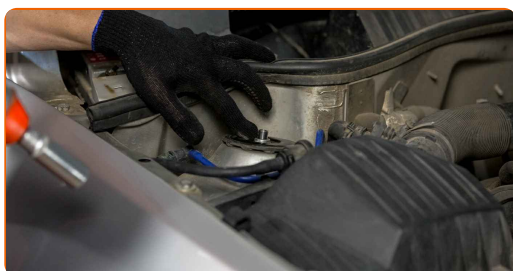
16 Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.

17 Remove the shock strut mount cap.



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

19 Loosen the upper fastener of the shock strut mount. Use a drive socket #19. Use a ratchet wrench.

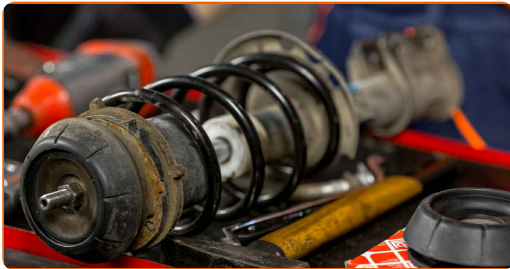


AUTODOC recommends:

- Opel Corsa C – To avoid injury, hold the suspension strut while unscrewing the fastening bolts.

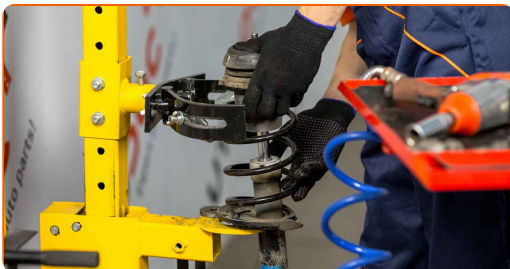
20

Remove the suspension strut.



21

Set the shock absorber strut on the spring compressor tool.



Replacement: strut mount – Opel Corsa C. Tip from AUTODOC experts:

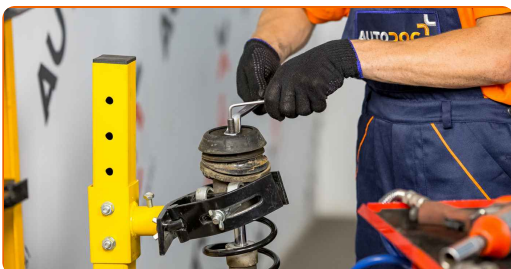
- Note that when using a spring compressor, spring coils need to be securely gripped, compressing the spring on the opposite sides.
- Ensure the correct position of the spring in the retainer.
- Make sure that the spring coils tightly entered the lock handles.

22 Compress the spring.

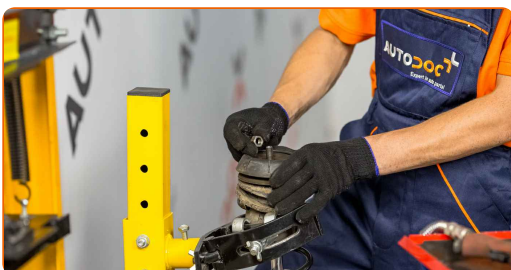


23 Treat the shock strut rod. Use a wire brush. Use WD-40 spray.

24 Remove the strut piston rod nut. Use a combination spanner #19. Use HEX No.H6.



25 Remove the top strut mount.

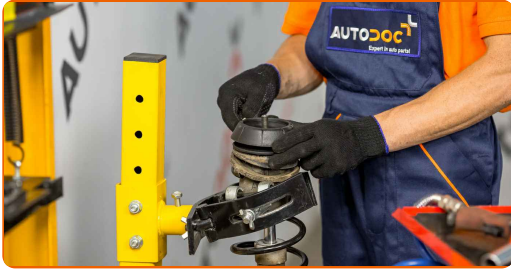


Replacement: strut mount – Opel Corsa C. Tip from AUTODOC:

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

26

Install a new strut mount.



27

Tighten the shock strut piston rod nut. Use HEX No.H6. Use a combination spanner #19. Use a torque wrench. Tighten it to 55 nm torque.



Replacement: strut mount – Opel Corsa C. Professionals recommend:

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

28

Decompress the spring.

29

Remove the assembled shock strut.



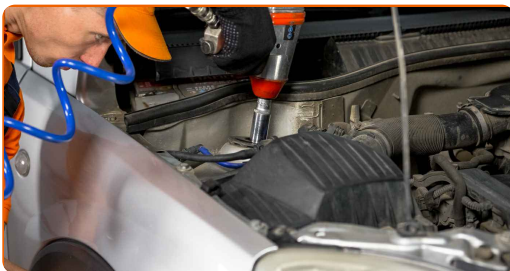
30

Install the shock strut into the wheel arch.

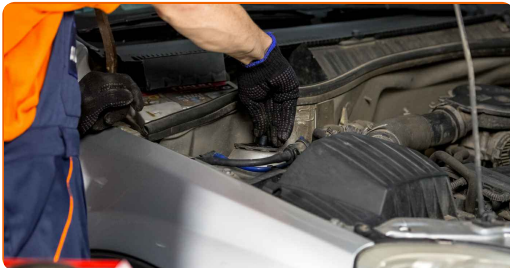
AUTODOC recommends:

- Opel Corsa C – To avoid injury, hold the suspension strut while screwing in the fastening bolts.

31 Tighten the upper fastener of the shock absorber strut mount. Use a drive socket #19. Use a torque wrench. Tighten it to 55 Nm torque.



32 Install the shock strut mount cap.



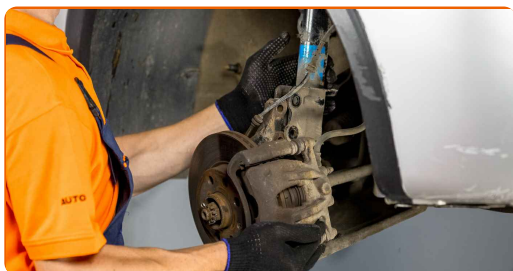
33 Remove the fender protection cover.

34 Close the hood.

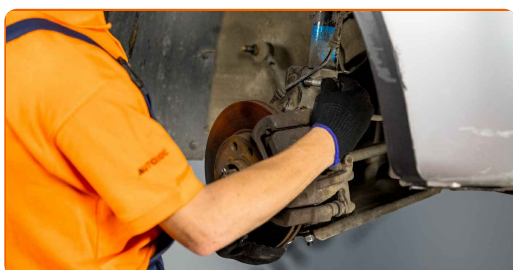


35 Raise the front of the car and secure on supports.

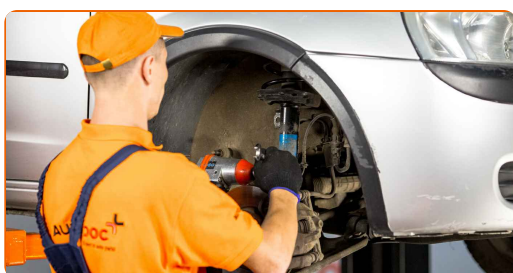
36 Attach the bottom part of the shock strut.



37 Install the fastening bolts.



38 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 80 Nm torque.+75°



AUTODOC recommends:

- Important! Be sure to use new fasteners.

39 Install the transverse stabilizer link.

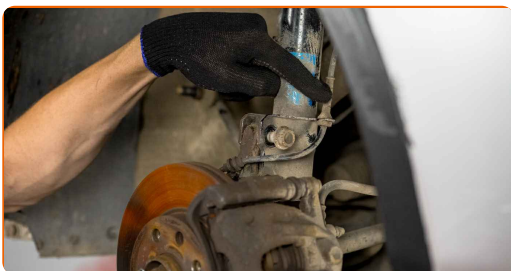
40

Tighten the fastener connecting the stabilizer link to the shock strut. Use a combination spanner #17. Use a drive socket #19. Use a torque wrench. Tighten it to 55 Nm torque.



41

Connect the fastener of the ABS sensor cable to the shock absorber strut.



42

Treat the shock strut fasteners. Use copper grease.

43

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



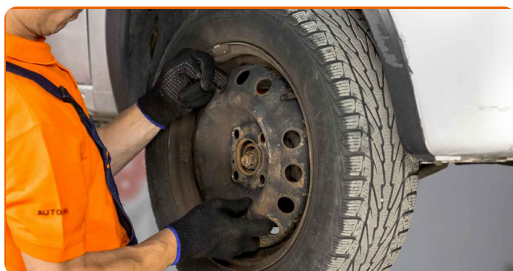
44

Clean the brake disk surface. Use a brake cleaner.

AUTODOC recommends:

- Replacement: strut mount – Opel Corsa C. After applying the spray, wait a few minutes.

45 Install the wheel.



AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts. Opel Corsa C

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



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



48 Remove the jacks and chocks.

WELL DONE! 

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