



How to change rear coil
springs on **Opel Astra G**
F48 – replacement guide

VIDEO TUTORIAL



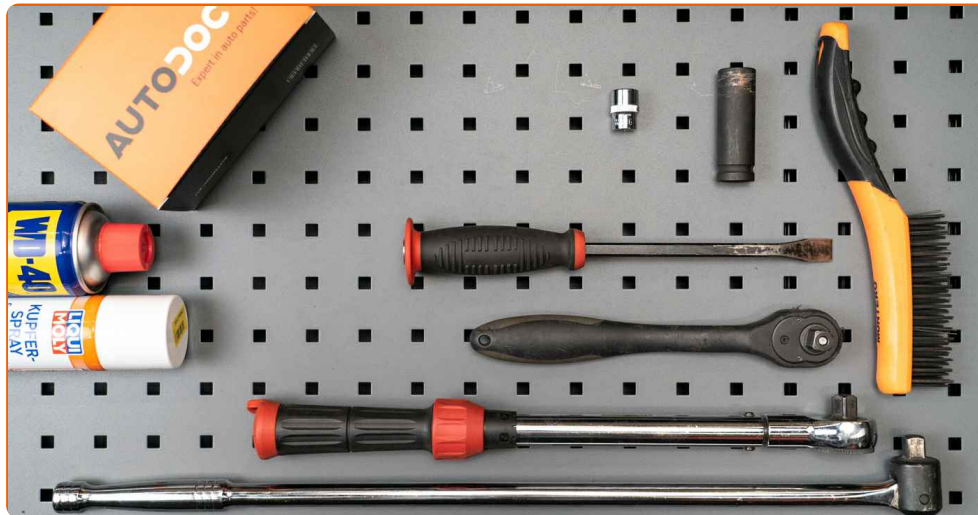
Important!

This replacement procedure can be used for:

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), OPEL Astra G CC (T98) 2.0 16V (F08, F48), OPEL Astra G CC (T98) 1.7 TD (F08, F48), OPEL Astra G CC (T98) 2.0 DI (F08, F48), OPEL Astra G Saloon (T98) 1.6 (F69), OPEL Astra G Saloon (T98) 1.6 16V (F69), OPEL Astra G Saloon (T98) 1.8 16V (F69), OPEL Astra G Saloon (T98) 2.0 16V (F69), OPEL Astra G Saloon (T98) 2.0 DI (F69), OPEL Astra G CC (T98) 1.4 16V (F08, F48), OPEL Astra G Saloon (T98) 1.7 TD (F69), OPEL Astra G Saloon (T98) 1.2 16V (F69), (+ 12)

The steps may slightly vary depending on the car design.

REPLACEMENT: COIL SPRINGS – OPEL ASTRA G F48.
TOOLS YOU MIGHT NEED:



- Wire brush
- WD-40 spray
- Copper grease
- Drive socket # E20
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Tap wrench
- Crow bar
- Hydraulic transmission jack
- Wheel chock

BUY TOOLS

Replacement: coil springs – Opel Astra G F48. Tip from AUTODOC experts:

- Both coil springs of the rear suspension should be replaced simultaneously.
- The replacement procedure is identical for the left and right coil springs of the rear suspension.
- Please note: all work on the car – Opel Astra G F48 – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

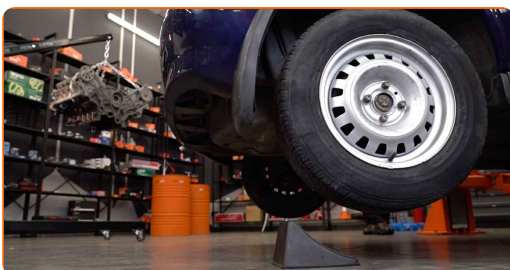
1 Secure the wheels with chocks.



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



3 Raise the rear 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 Astra G F48

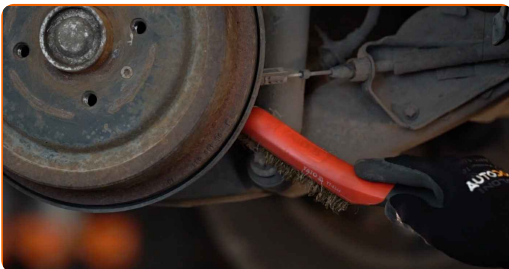
5

Remove the wheel.



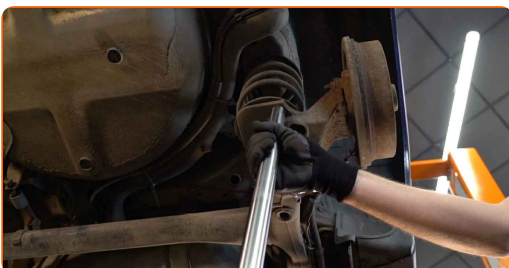
6

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

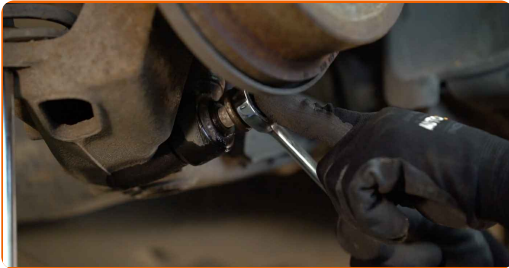


7

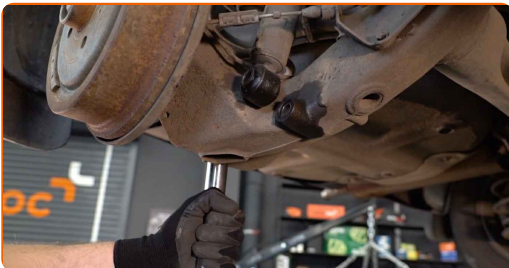
Support the arm. Use a hydraulic transmission jack.



- 8 Unscrew the lower fastener of the shock absorber. Use a drive socket #E20. Use a ratchet wrench. Use a tap wrench.



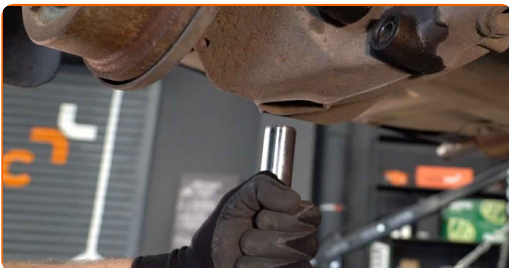
- 9 Detach the lower part of the shock absorber.



AUTODOC recommends:

- Opel Astra G F48 – To avoid injury, hold the shock absorber while unscrewing the fastening bolts.

- 10 Remove the support from under the rear arm.



AUTODOC recommends:

- Opel Astra G F48 – Do not lower the transmission jack sharply to avoid damaging components and mechanisms of the car.

11 Pull down the rear suspension beam. Use a crowbar. Take out the spring.



12 Clean the coil spring mounting seats.

13 Inspect the rubber mounts of the suspension spring. Replace if necessary.

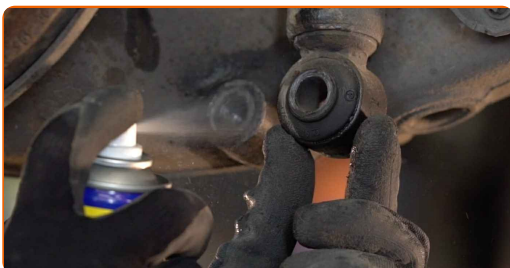
14 Install the coil spring together with the rubber mounts into the mounting seats. Use a crowbar.



15 Support the arm. Use a hydraulic transmission jack.



16 Clean the shock absorber mounting seats. Use WD-40 spray.



- 17 Tighten the lower fastener of the shock absorber. Use a drive socket #E20. Use a torque wrench. Tighten it to 110 Nm torque.



AUTODOC recommends:

- Important! Be sure to use new fasteners.

- 18 Remove the support from under the rear arm.



- 19 Clean the brake drum. Use a wire brush. Treat the contacting surface. Use copper grease.



- 20 Install the wheel.



21

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



AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts. Opel Astra G F48

22

Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 110 Nm torque.



23

Remove the jacks and chocks.



WELL DONE! 

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