



How to change rear coil  
springs on **Opel Corsa D**  
– replacement guide

## VIDEO TUTORIAL



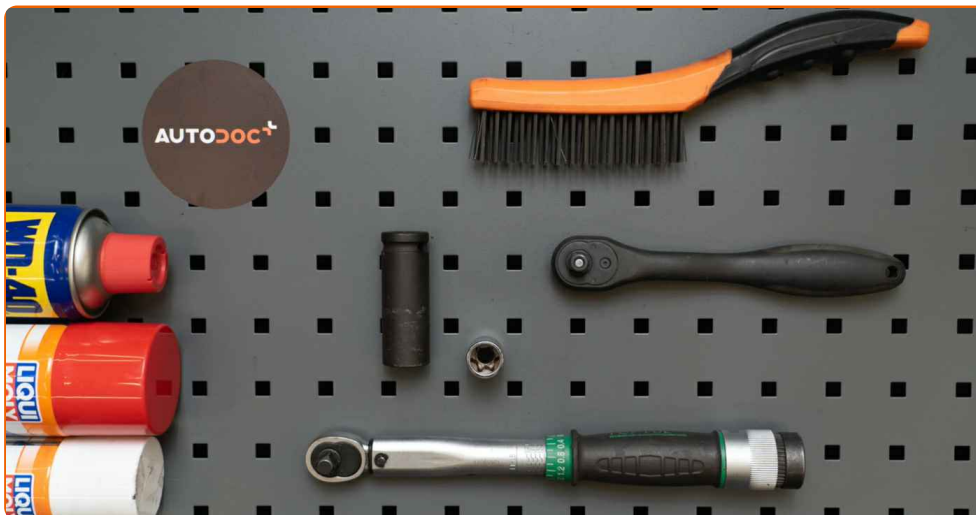
### **i Important!**

This replacement procedure can be used for:

OPEL Corsa D Hatchback (S07) 1.4 (L08, L68), OPEL Corsa D Hatchback (S07) 1.0 (L08, L68), OPEL Corsa D Hatchback (S07) 1.4 LPG (L08, L68), OPEL Corsa D Hatchback (S07) 1.2 LPG (L08, L68), OPEL Corsa D Hatchback (S07) 1.2 (L08, L68), OPEL Corsa D Hatchback (S07) 1.3 CDTI (L08, L68), OPEL Corsa D Hatchback (S07) 1.7 CDTI (L08, L68), OPEL Corsa D Hatchback (S07) 1.2 LPG

The steps may slightly vary depending on the car design.

## REPLACEMENT: COIL SPRINGS – OPEL CORSA D. TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Copper grease
- Drive socket # E18
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Tap wrench
- Hydraulic transmission jack
- Wheel chock

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### Replacement: coil springs – Opel Corsa D. AUTODOC recommends:

- 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.
- All work should be done with the engine stopped.

## REPLACEMENT: COIL SPRINGS – OPEL CORSA D. RECOMMENDED SEQUENCE OF STEPS:

1

Secure the wheels with chocks.



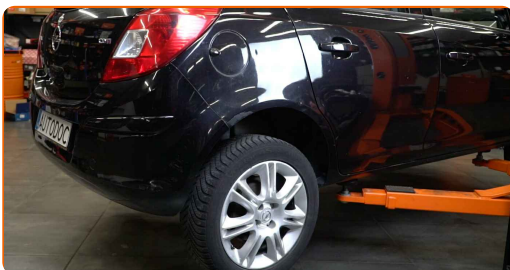
2

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 Corsa D

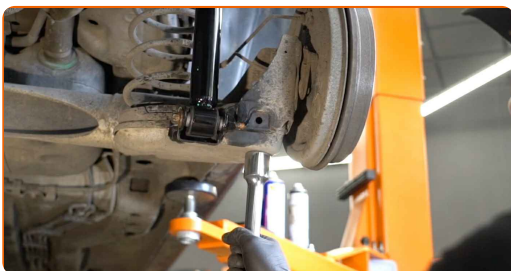
5

Remove the wheel.



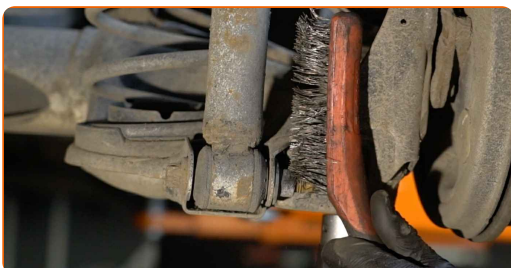
6

Support the rear suspension beam. Use a hydraulic transmission jack.

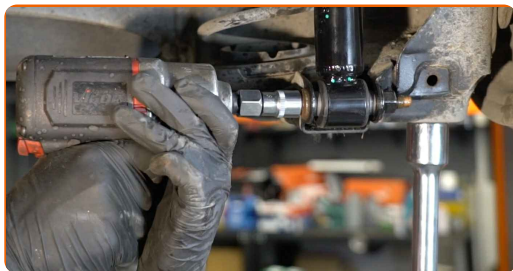


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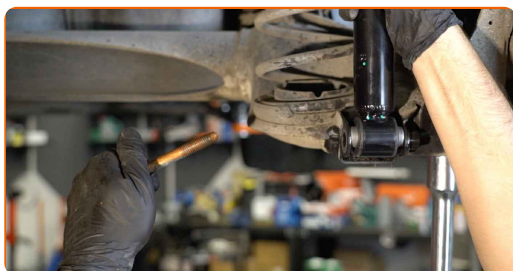
Clean the shock absorber fasteners. Use a wire brush. Use WD-40 spray.



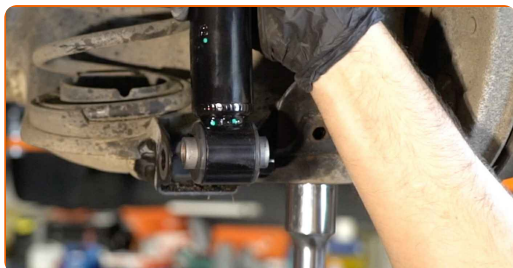
- 8 Unscrew the lower fastener of the shock absorber. Use a drive socket #E18. Use a tap wrench.



- 9 Remove the fastening bolt.



- 10 Detach the lower part of the shock absorber.

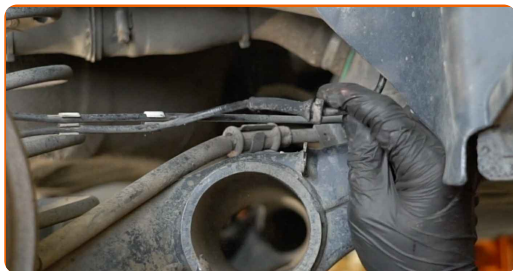


- 11 Remove the mounting from under the rear axle beam.

### Replacement: coil springs – Opel Corsa D. Tip:

- Lower the hydraulic transmission jack smoothly, without jerks, to avoid damaging assemblies and mechanisms.

12 Disconnect the ABS sensor wiring.



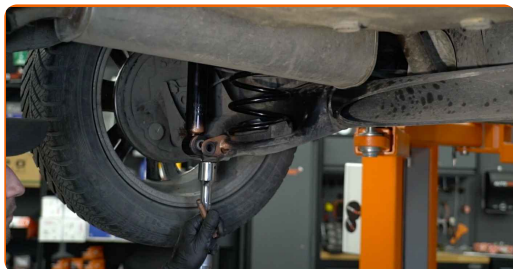
13 Support the rear suspension beam. Use a hydraulic transmission jack.

14 Unscrew the lower fastener of the shock absorber. Use a drive socket #E18. Use a tap wrench.



15 Remove the fastening bolt.

16 Remove the mounting from under the rear axle beam.



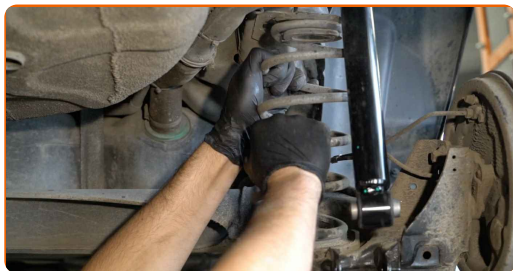
### AUTODOC recommends:

- Replacement: coil springs – Opel Corsa D. Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.



17

Remove the spring.

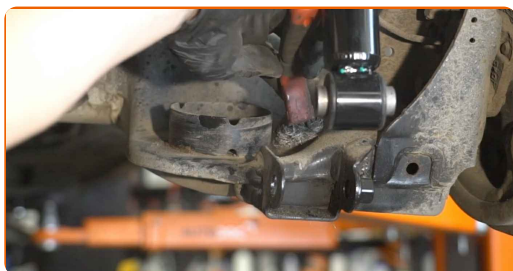


Replacement: coil springs – Opel Corsa D. Tip from AUTODOC experts:

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

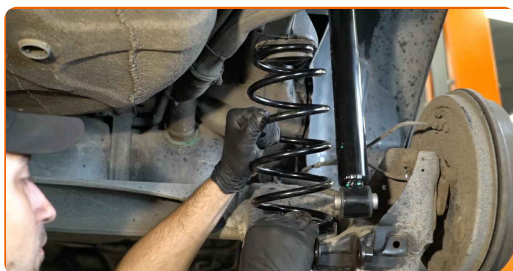
18

Clean the coil spring mounting seats. Use a wire brush. Use WD-40 spray.



19

Install the coil spring together with the rubber mounts into the mounting seats.

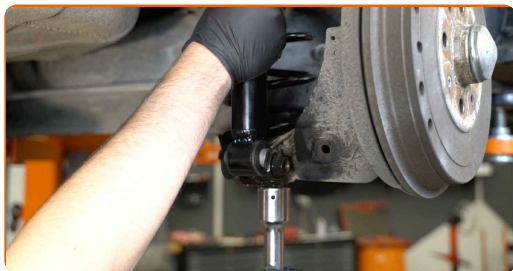


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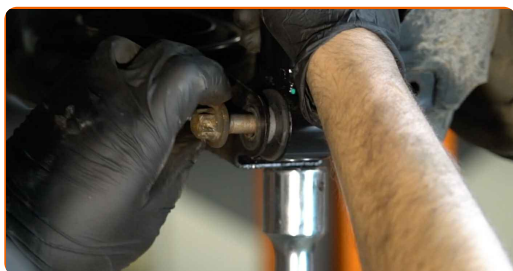
Support the rear suspension beam. Use a hydraulic transmission jack.



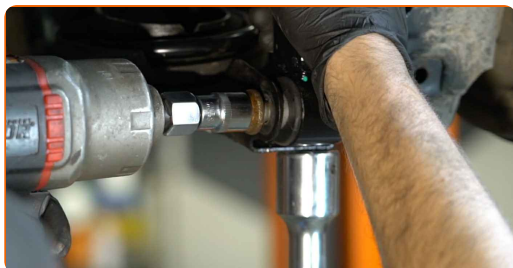
- 21 Attach the lower part of the shock absorber.



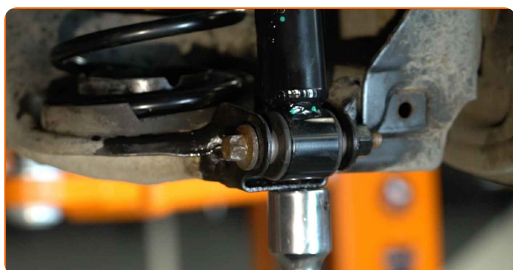
- 22 Install the fastening bolt.



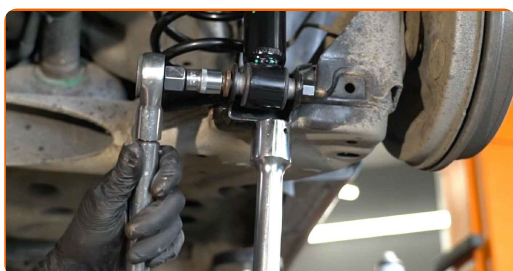
- 23 Screw in the lower fastener of the shock absorber. Use a drive socket #E18. Use a ratchet wrench.



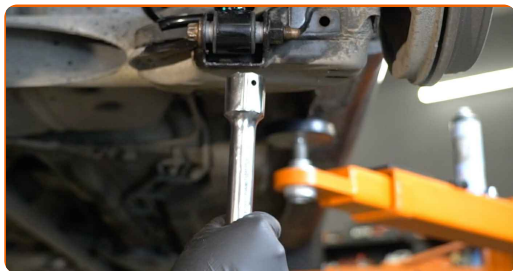
- 24 Raise the hydraulic transmission jack by 10-15 cm.



- 25 Tighten the lower fastener of the shock absorber. Use a drive socket #E18. Use a torque wrench. Tighten it to 90 Nm torque.



- 26 Remove the mounting from under the rear axle beam.



### Replacement: coil springs – Opel Corsa D. Tip:

- Lower the hydraulic transmission jack smoothly, without jerks, to avoid damaging assemblies and mechanisms.

- 27 Support the rear suspension beam. Use a hydraulic transmission jack.

- 28 Install the fastening bolt.



- 29 Screw in the lower fastener of the shock absorber. Use a drive socket #E18. Use a ratchet wrench.



- 30 Raise the hydraulic transmission jack by 10-15 cm.

- 31 Tighten the lower fastener of the shock absorber. Use a drive socket #E18. Use a torque wrench. Tighten it to 90 Nm torque.

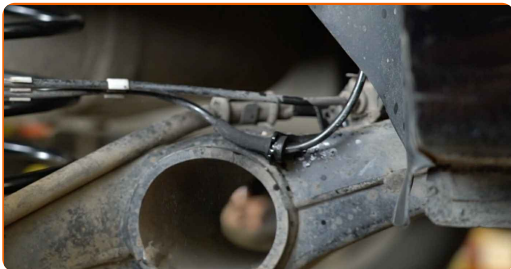


- 32 Remove the mounting from under the rear axle beam.

Replacement: coil springs – Opel Corsa D. AUTODOC experts recommend:

- Lower the hydraulic transmission jack smoothly, without jerks, to avoid damaging assemblies and mechanisms.

- 33 Connect the ABS sensor wiring.



- 34 Treat the shock absorber fasteners. Use copper grease.

- 35 Clean the wheel rim mounting seat. Use a wire brush.



36

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



37

Install the wheel.

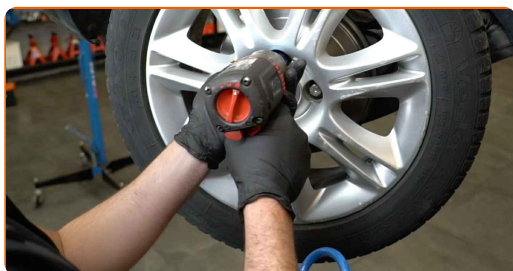


### AUTODOC recommends:

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

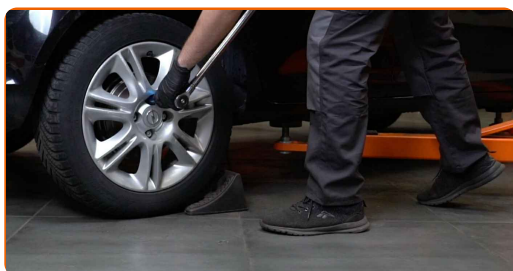
38

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



39

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.



40

Remove the jacks and chocks.



**WELL DONE!** 

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