



How to change rear coil
springs on **VAUXHALL**
Corsa Mk III (D)
Hatchback (S07) –
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:

VAUXHALL Corsa Mk III (D) Hatchback (S07) 1.0, VAUXHALL Corsa Mk III (D) Hatchback (S07) 1.2, VAUXHALL Corsa Mk III (D) Hatchback (S07) 1.4, VAUXHALL Corsa Mk III (D) Hatchback (S07) 1.3 CDTI, VAUXHALL Corsa Mk III (D) Hatchback (S07) 1.7 CDTI

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 Corsa D Hatchback (S07) 1.3 CDTI (L08, L68)

REPLACEMENT: COIL SPRINGS – VAUXHALL CORSA MK III (D) HATCHBACK (S07). 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

Buy tools

Replacement: coil springs – VAUXHALL Corsa Mk III (D) Hatchback (S07).
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 – VAUXHALL CORSA MK III (D) HATCHBACK (S07). RECOMMENDED SEQUENCE OF STEPS:

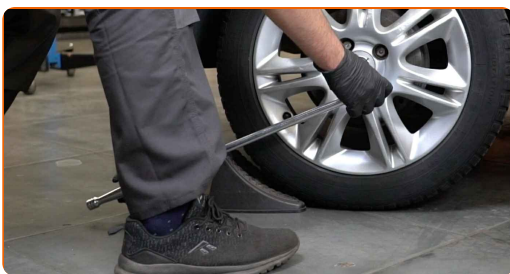
1

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.



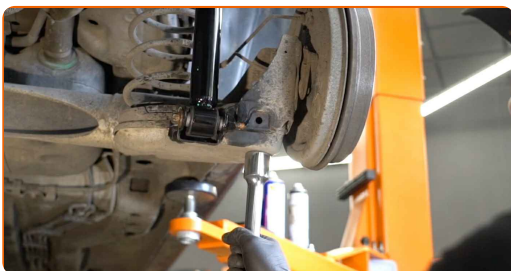
AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.
VAUXHALL Corsa Mk III (D) Hatchback (S07)

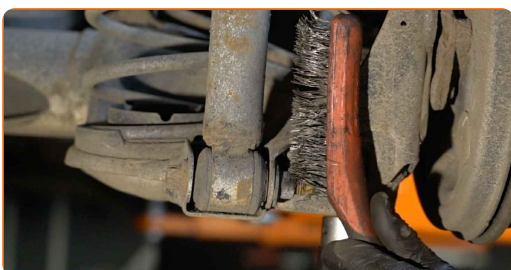
5 Remove the wheel.



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

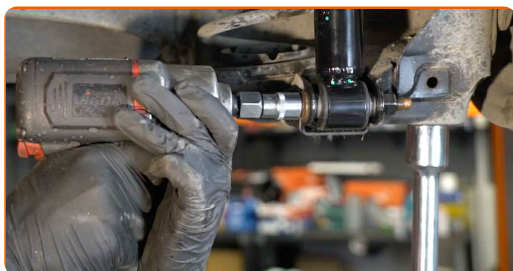


7 Clean the shock absorber fasteners. Use a wire brush. Use WD-40 spray.



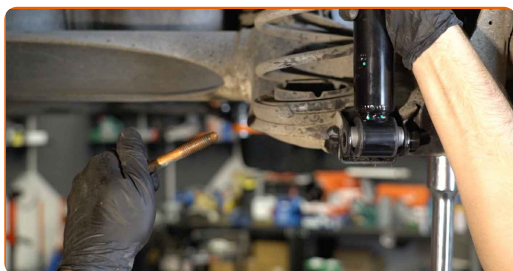
8

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.



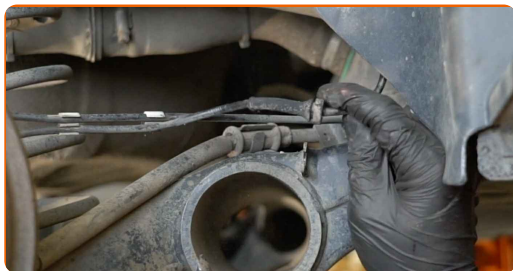
11

Remove the mounting from under the rear axle beam.

Replacement: coil springs – VAUXHALL Corsa Mk III (D) Hatchback (S07). 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.

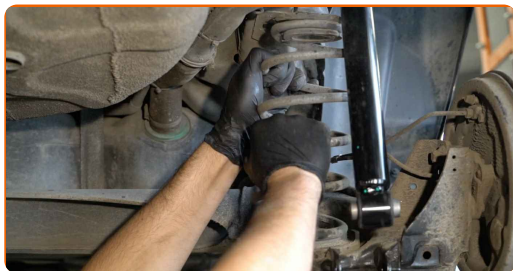
16 Remove the mounting from under the rear axle beam.



AUTODOC recommends:

- Replacement: coil springs – VAUXHALL Corsa Mk III (D) Hatchback (S07). Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

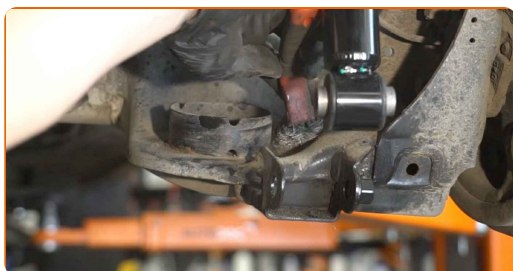
17 Remove the spring.



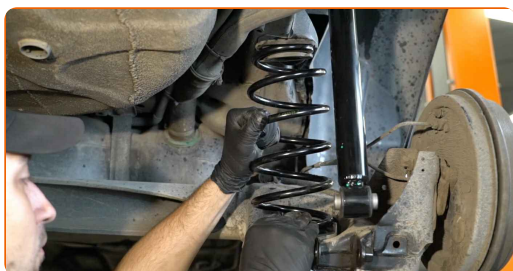
Replacement: coil springs – VAUXHALL Corsa Mk III (D) Hatchback (S07). Tip from AUTODOC experts:

- 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.

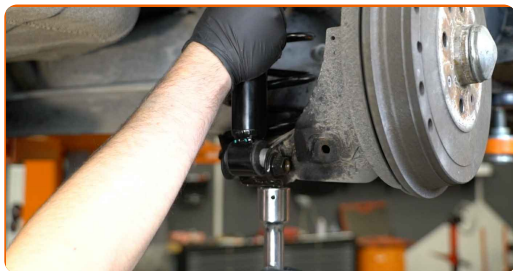


19 Install the coil spring together with the rubber mounts into the mounting seats.

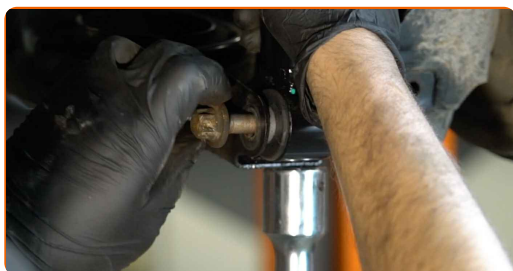


20 Support the rear suspension beam. Use a hydraulic transmission jack.

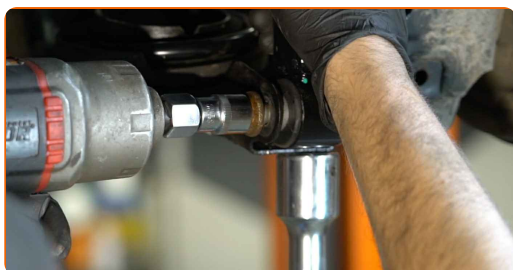
21 Attach the lower part of the shock absorber.



22 Install the fastening bolt.



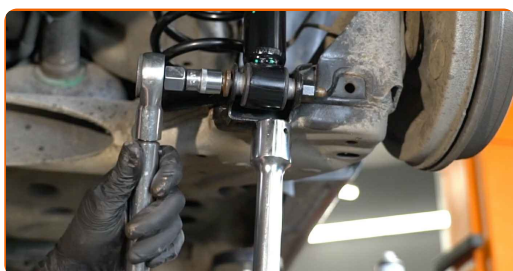
23 Screw in the lower fastener of the shock absorber. Use a drive socket #E18. Use a ratchet wrench.



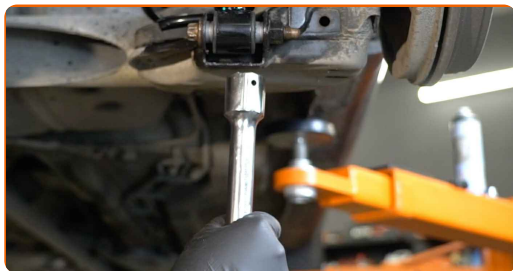
24 Raise the hydraulic transmission jack by 10-15 cm.



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 – VAUXHALL Corsa Mk III (D) Hatchback (S07). Tip:

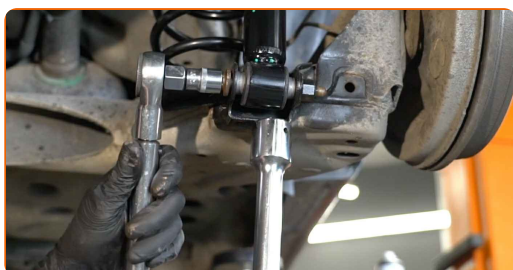
- Lower the hydraulic transmission jack smoothly, without jerks, to avoid damaging assemblies and mechanisms.

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

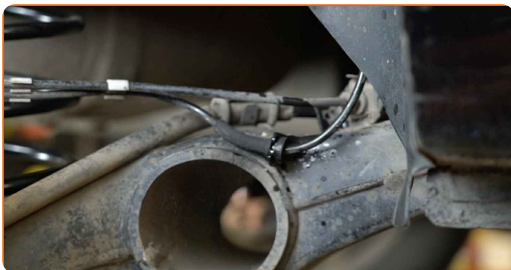
Remove the mounting from under the rear axle beam.

Replacement: coil springs – VAUXHALL Corsa Mk III (D) Hatchback (S07).
AUTODOC experts recommend:

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

33

Connect the ABS sensor wiring.

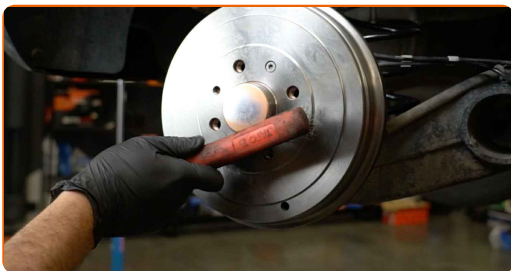


34

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.



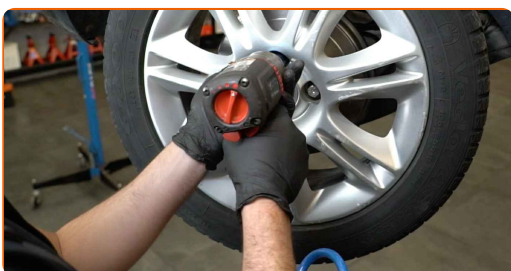
37 Install the wheel.



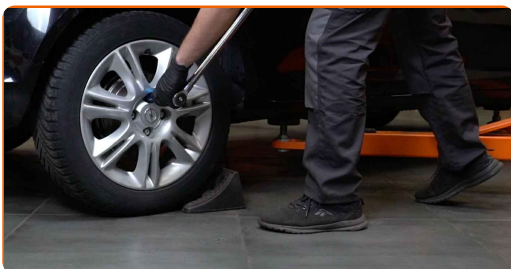
AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts. VAUXHALL Corsa Mk III (D) Hatchback (S07)

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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