How to replace rear suspension springs on OPEL CORSA C (F08, F68)

VIDEO TUTORIAL

ⓘ Important!

This replacement procedure can be used for:
OPEL CORSA C (X01) 1.3 CDTI (F08, F68), OPEL TIGRA TwinTop (X04) 1.3 CDTI (R97)

The steps may slightly vary depending on the car design.

REQUIRED TOOLS:

- Wire brush
- WD-40 spray
- Copper grease
- Drive socket # E14
- Wheel impact socket #17
- Torque wrench
- Hydraulic transmission jack
- Wheel chock

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.

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:

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

5

Remove the wheel.

6

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

7

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

8

Unscrew the lower fastener of the shock absorber. Use a drive socket #E14.

9

Remove the fastening bolt.

10

Detach the lower part of the shock absorber.

11

Remove the mounting from under the rear axle beam.

AUTODOC recommends:

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

12

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

13

Unscrew the lower fastener of the shock absorber. Use a drive socket #E14.

14

Remove the fastening bolt.

15

Detach the lower part of the shock absorber.

16

Remove the mounting from under the rear axle beam.

AUTODOC recommends:

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

17

Take out the spring.

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.

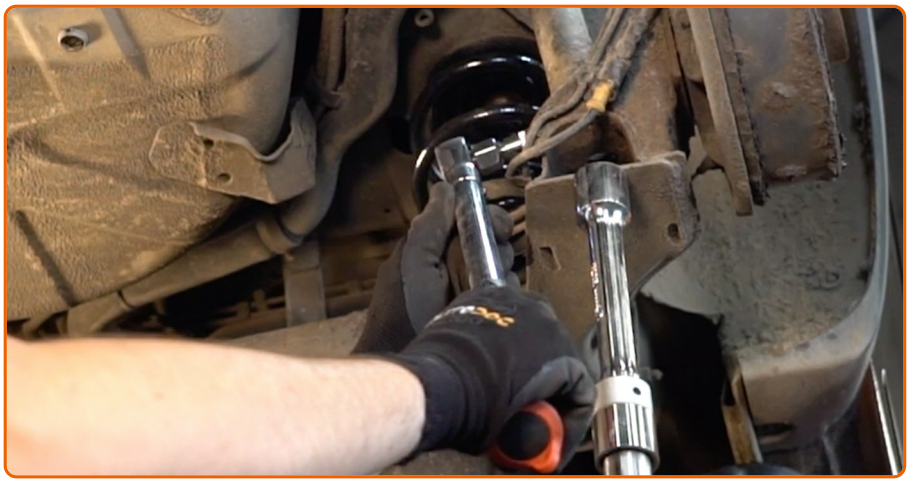
22

Install the fastening bolt.

23

Screw in the lower fastener of the shock absorber. Use a drive socket #E14.

24



Tighten the lower fastener of the shock absorber. Use a drive socket #E14. Use a torque wrench. Tighten it to 85 Nm torque.

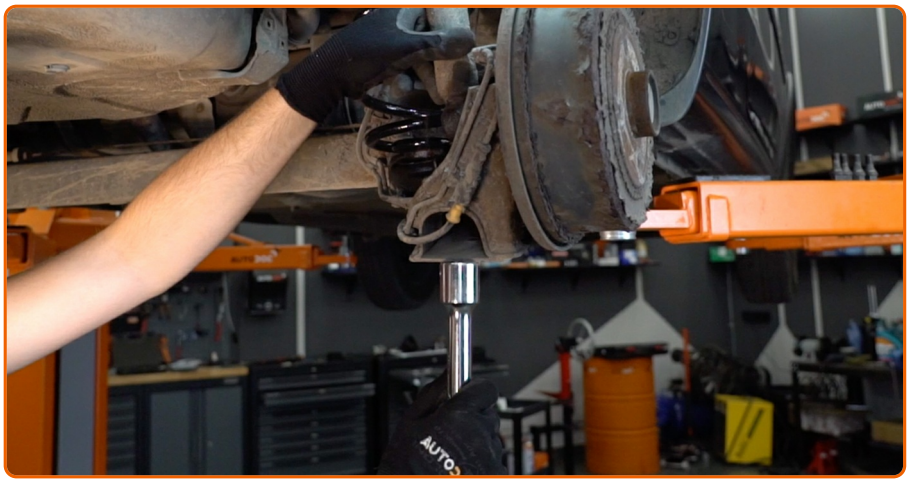
25

Remove the mounting from under the rear axle beam.

AUTODOC recommends:

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

26



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

27

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

28

Raise the hydraulic transmission jack by 10-15 cm. Use a hydraulic transmission jack.

29

Attach the lower part of the shock absorber.

30

Install the fastening bolt.

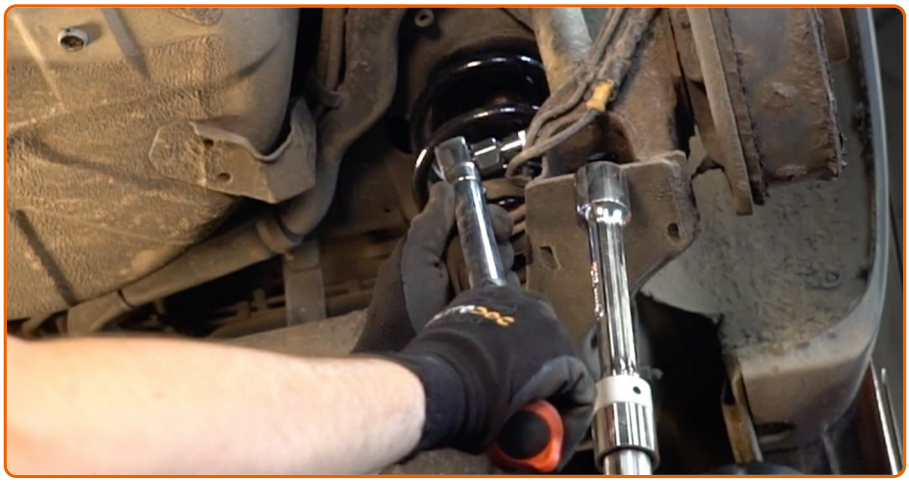
31

Screw in the lower fastener of the shock absorber. Use a drive socket #E14.

32

Raise the hydraulic transmission jack by 10-15 cm.

33



Tighten the lower fastener of the shock absorber. Use a drive socket #E14. Use a torque wrench. Tighten it to 85 Nm torque.

34

Remove the mounting from under the rear axle beam.

AUTODOC recommends:

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

35

Treat the shock absorber fasteners. Use copper grease.

36

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

37

Install the wheel.

AUTODOC recommends:

- To avoid injury, hold up the wheel when screwing in the fastening bolts.

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 a torque wrench. Tighten it to 120 nm torque.

40

Remove the jacks and chocks.

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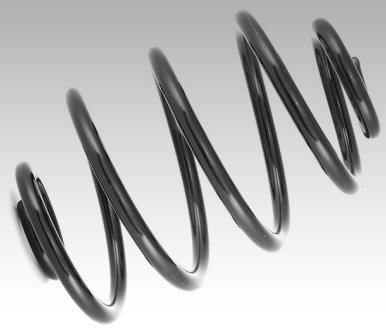

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