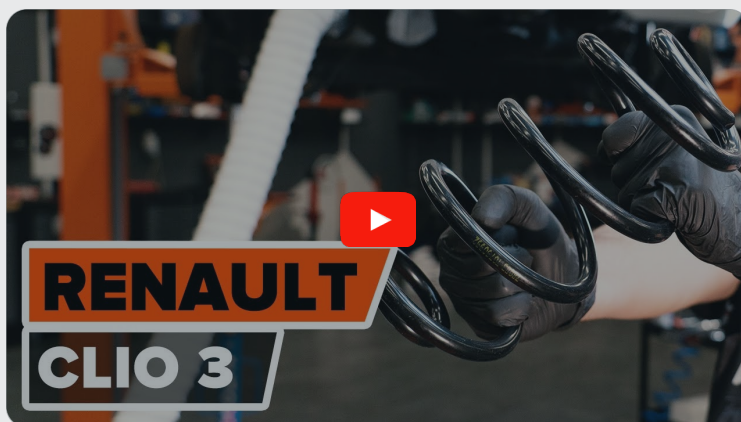




How to change rear coil  
springs on **RENAULT Clio**  
**III Grandtour** –  
replacement guide

## SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

### Important!

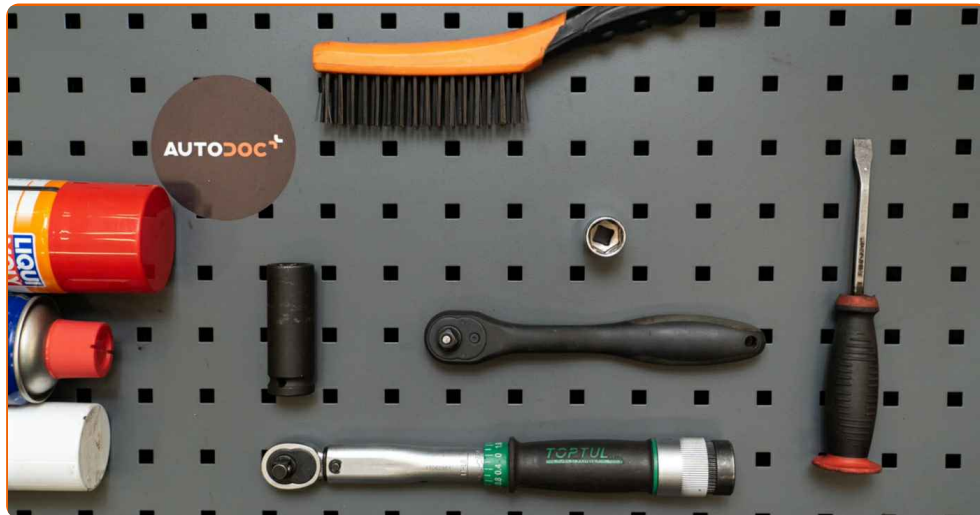
This replacement procedure can be used for:

RENAULT Clio III Grandtour 1.2 16V, RENAULT Clio III Grandtour 1.6 16V, RENAULT Clio III Grandtour 1.5 dCi, RENAULT Clio III Grandtour 1.2 16V Hi-Flex, RENAULT Clio III Grandtour 1.4 16V

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: RENAULT Clio III Hatchback (BR0/1, CR0/1) 1.5 dCi

**REPLACEMENT: COIL SPRINGS – RENAULT CLIO III GRANDTOUR. LIST OF THE TOOLS YOU'LL NEED:**



- Wire brush
- WD-40 spray
- Copper grease
- Torque wrench
- Drive socket # 18
- Wheel impact socket #17
- Ratchet wrench
- Crow bar
- Hydraulic transmission jack
- Wheel chock

**Buy tools**

Replacement: coil springs – RENAULT Clio III Grandtour. 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.
- Please note: all work on the car – RENAULT Clio III Grandtour – should be done with the engine switched off.

**CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:**

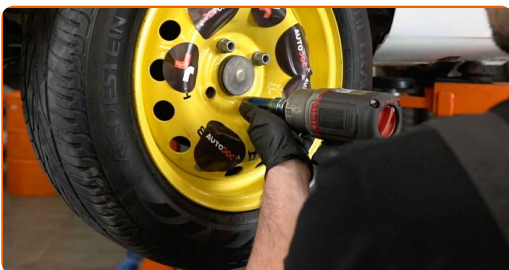
**1** Secure the wheels with chocks.

**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.



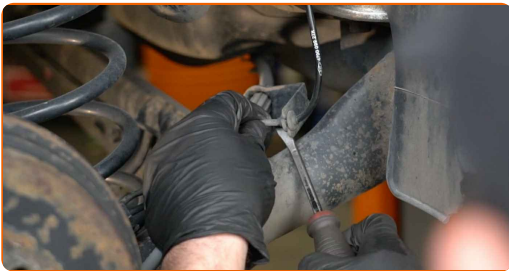
Replacement: coil springs – RENAULT Clio III Grandtour. Tip:

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

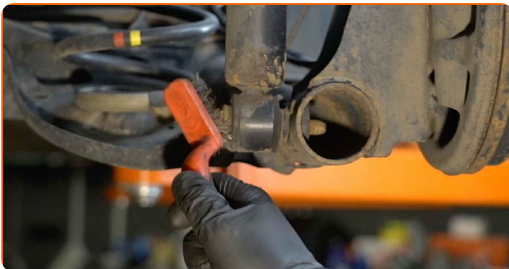
5 Remove the wheel.



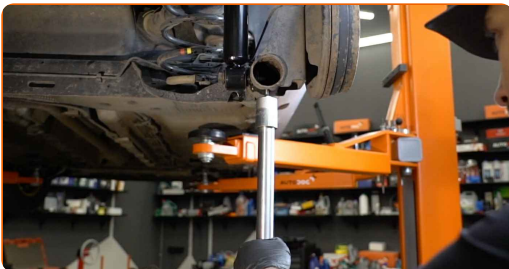
6 Disconnect the ABS sensor wiring. Use a crowbar.



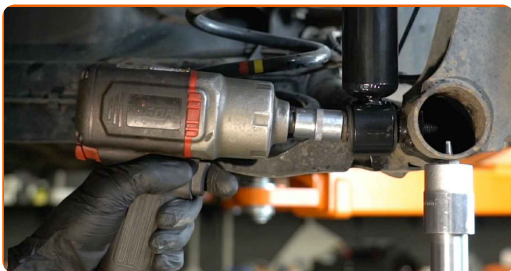
7 Clean the shock absorber fasteners. Use a wire brush. Use WD-40 spray.



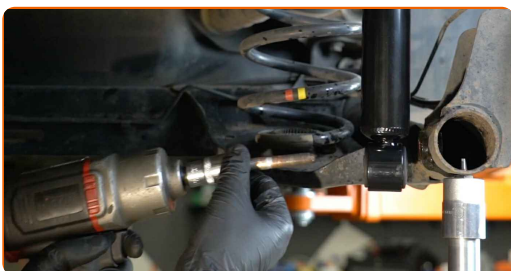
8 Support the rear suspension beam. Use a hydraulic transmission jack.



**9** Unscrew the lower fastener of the shock absorber. Use a drive socket #18. Use a ratchet wrench.



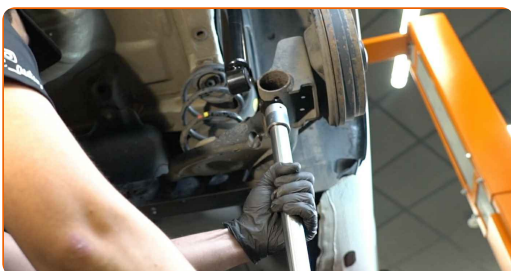
**10** Remove the fastening bolt.



Replacement: coil springs – RENAULT Clio III Grandtour. AUTODOC experts recommend:

- To avoid injuries, hold the shock absorber when undoing the fastening bolts.

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



AUTODOC recommends:

- RENAULT Clio III Grandtour – Do not lower the transmission jack sharply to avoid damaging components and mechanisms of the car.

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



**13** Unscrew the lower fastener of the shock absorber. Use a drive socket #18. Use a ratchet wrench.



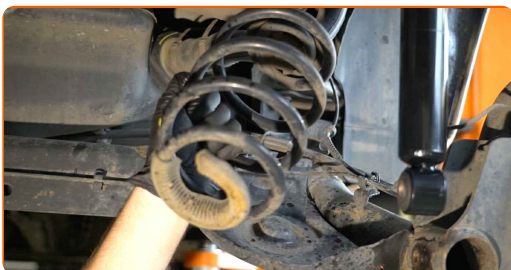
**14** Remove the fastening bolt.

**15** Remove the mounting from under the rear axle beam.

**Replacement: coil springs – RENAULT Clio III Grandtour. Tip from AUTODOC experts:**

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

**16** Remove the spring.

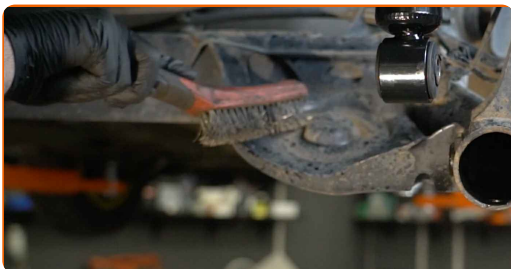


**AUTODOC recommends:**

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

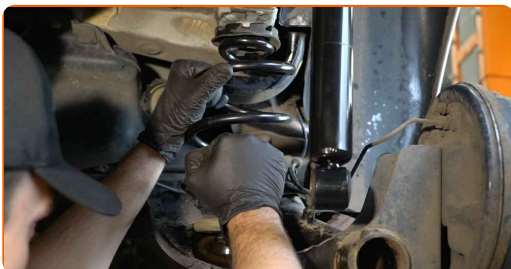
**17**

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



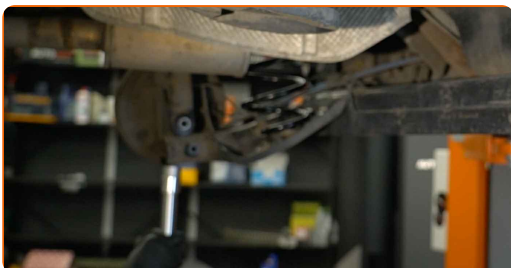
**18**

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



**19**

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



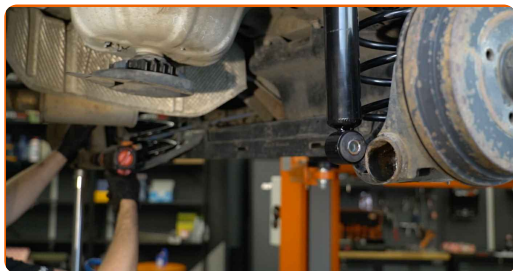
**20**

Install the fastening bolt.



21

Screw in the lower fastener of the shock absorber. Use a drive socket #18. Use a ratchet wrench.



22

Raise the hydraulic transmission jack by 10-15 cm.

23

Tighten the lower fastener of the shock absorber. Use a drive socket #18. Use a torque wrench. Tighten it to 105 Nm torque.

24

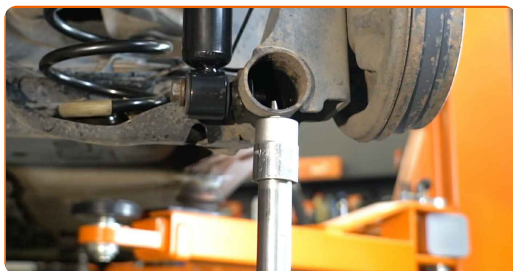
Remove the mounting from under the rear axle beam.

### AUTODOC recommends:

- Replacement: coil springs – RENAULT Clio III Grandtour. Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

25

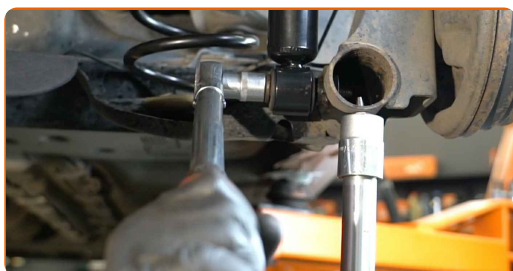
Support the rear suspension beam. Use a hydraulic transmission jack.



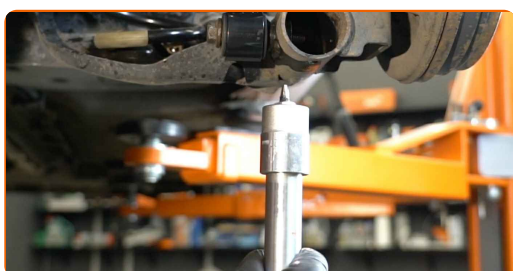
26

Install the fastening bolt.

- 27** Tighten the lower fastener of the shock absorber. Use a drive socket #18. Use a torque wrench. Tighten it to 105 Nm torque.



- 28** Remove the mounting from under the rear axle beam.



Replacement: coil springs – RENAULT Clio III Grandtour. AUTODOC experts recommend:

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

- 29** Treat the shock absorber fasteners. Use copper grease.



- 30** Connect the ABS sensor wiring.

**31** Clean the wheel rim mounting seat. Use a wire brush.



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



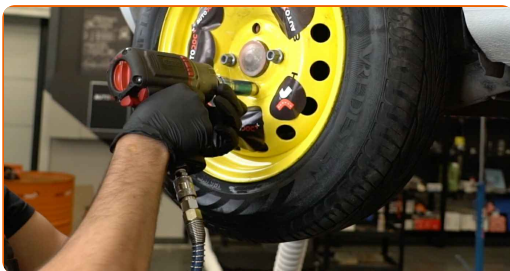
**33** Install the wheel.



**Replacement: coil springs – RENAULT Clio III Grandtour. Tip:**

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

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



**35** 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 105 Nm torque.

**36** Remove the jacks and chocks.



**WELL DONE!** 

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