# - AUTODOC CLUB

How to change rear coil springs on **Fiat Bravo 2** – replacement guide



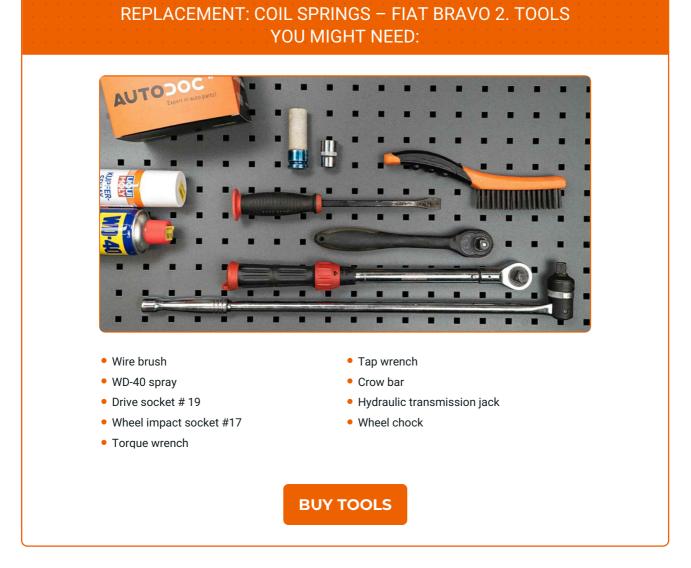
#### **VIDEO TUTORIAL**



(i) Important!

This replacement procedure can be used for: FIAT Bravo II Hatchback (198) 1.4 16V, FIAT Bravo II Hatchback (198) 1.6 D Multijet, FIAT Bravo II Hatchback (198) 1.9 D Multijet, FIAT Bravo II Hatchback (198) 1.4 LPG, FIAT Bravo II Hatchback (198) 1.4, FIAT Bravo II Hatchback (198) 1.4 T-Jet, FIAT Bravo II Hatchback (198) 2.0 D Multijet

The steps may slightly vary depending on the car design.



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#### Replacement: coil springs – Fiat Bravo 2. Professionals recommend:

- 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 – FIAT BRAVO 2. TAKE THE FOLLOWING STEPS:**



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.







Unscrew the wheel bolts.



#### AUTODOC recommends:

• Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts. Fiat Bravo 2



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.





Unscrew the lower fastener of the shock absorber. Use a drive socket #19. Use a tap wrench.



9

Remove the mounting from under the rear axle beam.



#### AUTODOC recommends:

 Replacement: coil springs – Fiat Bravo 2. Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.



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





Unscrew the lower fastener of the shock absorber. Use a drive socket #19. Use a tap wrench.



12

Lower the hydraulic transmission jack by 10-15 cm.



#### AUTODOC recommends:

 Fiat Bravo 2 – Do not lower the transmission jack sharply to avoid damaging components and mechanisms of the car.

13

Remove the spring.



14

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



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



16

Pull down the rear suspension beam. Use a crowbar.



17

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



18

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



19

Screw in the lower fastener of the shock absorber. Use a drive socket #19.





Remove the mounting from under the rear axle beam.



#### AUTODOC recommends:

• Replacement: coil springs – Fiat Bravo 2. Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

21

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



22

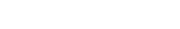
Tighten the lower fastener of the shock absorber. Use a drive socket #19. Use a torque wrench. Tighten it to 110 Nm torque.



23

Install the wheel.





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#### AUTODOC recommends:

• Important! Hold the wheel while screwing in the fastening bolts. Fiat Bravo 2

24

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



25

Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 120 Nm torque.



26

Remove the jacks and chocks.

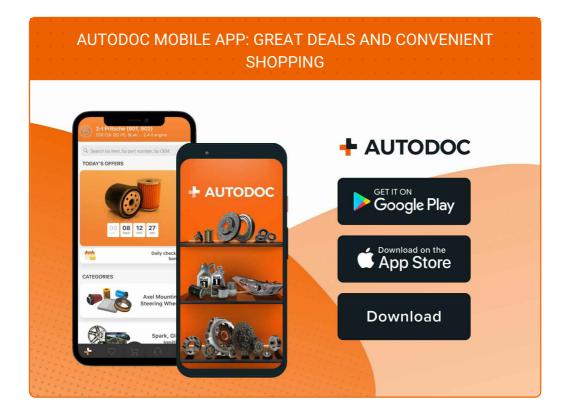




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