



How to change rear coil
springs on **RENAULT**
MEGANE II (BM0/1_,
CM0/1_) – 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 MEGANE II (BM0/1_, CM0/1_) 1.4 16V, RENAULT MEGANE II (BM0/1_, CM0/1_) 1.6 16V, RENAULT MEGANE II (BM0/1_, CM0/1_) 2.0 16V, RENAULT MEGANE II (BM0/1_, CM0/1_) 1.5 dCi, RENAULT MEGANE II (BM0/1_, CM0/1_) 1.9 dCi, RENAULT MEGANE II (BM0/1_, CM0/1_) 1.5 dCi (BM02, BM13, BM2A, CM02, CM13), RENAULT MEGANE II (BM0/1_, CM0/1_) 2.0 16V Turbo, RENAULT MEGANE II (BM0/1_, CM0/1_) 1.5 dCi (BM1F, CM1F), RENAULT MEGANE II (BM0/1_, CM0/1_) 1.5 dCi (BM1E, CM1E), RENAULT MEGANE II (BM0/1_, CM0/1_) 2.0 dCi, RENAULT MEGANE II (BM0/1_, CM0/1_) 1.5 dCi (BM16, CM16)

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 MEGANE II Saloon (LM0/1_) 1.4

REPLACEMENT: COIL SPRINGS – RENAULT MEGANE II (BM0/1_, CM0/1_). TOOLS YOU MIGHT NEED:



- Wire brush
- WD-40 spray
- Copper grease
- Drive socket # 10
- Drive socket # 18
- Combination spanner #18
- Wheel impact socket #19
- Ratchet wrench
- Torque wrench
- Tap wrench
- Crow bar
- Hydraulic transmission jack
- Wheel chock

Buy tools

Replacement: coil springs – RENAULT MEGANE II (BM0/1_, CM0/1_). Tip from AUTODOC experts:

- 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 MEGANE II (BM0/1_, CM0/1_) – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

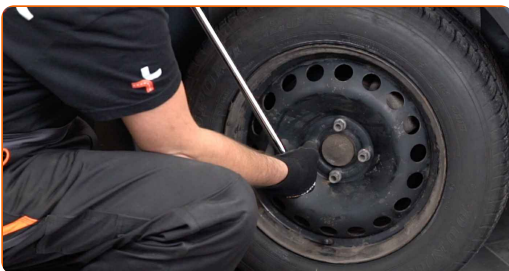
1

Secure the wheels with chocks.



2

Loosen the wheel mounting bolts. Use wheel impact socket #19.

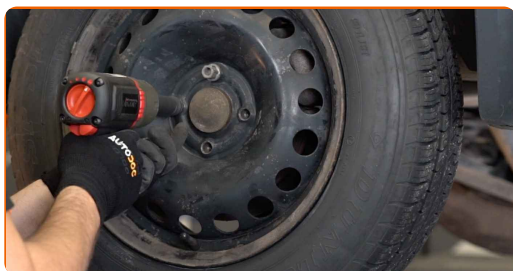


3

Raise the rear of the car and secure on supports.

4

Unscrew the wheel bolts.

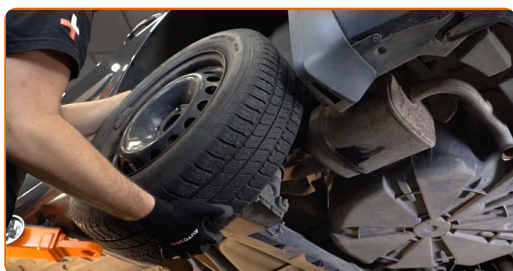


AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.
RENAULT MEGANE II (BM0/1_, CM0/1_)

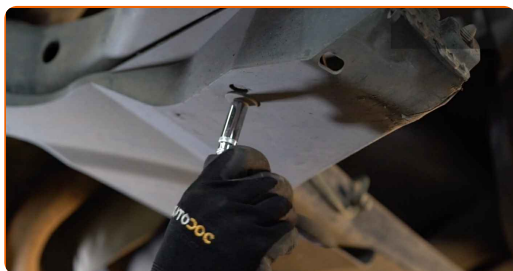
5

Remove the wheel.



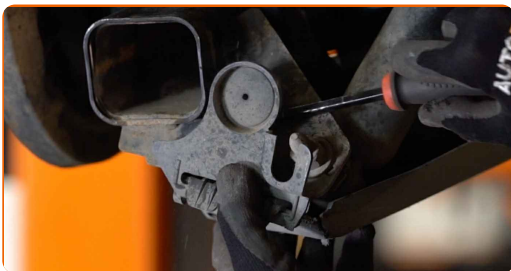
6

Unscrew the fastener of the rear axle plastic protecting cover. Use a drive socket #10. Use a ratchet wrench.



7

Detach the fastener of the rear axle plastic protecting cover. Use a crowbar.



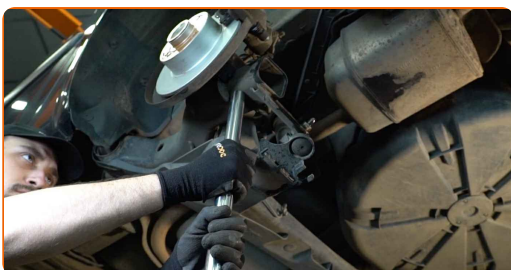
8

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



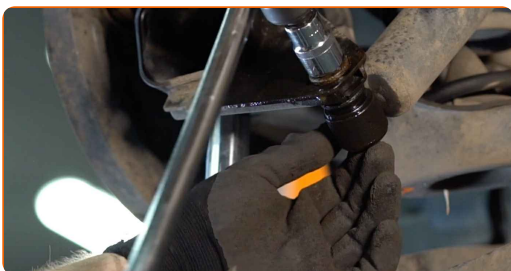
9

Secure the rear axle beam. Use a hydraulic transmission jack.



10

Unscrew the lower fastener of the shock absorber. Use a combination spanner #18. Use a drive socket #18. Use a ratchet wrench. Use a tap wrench.



11

Detach the lower part of the shock absorber. Use a crowbar.



12

Remove the mounting from under the rear axle beam.

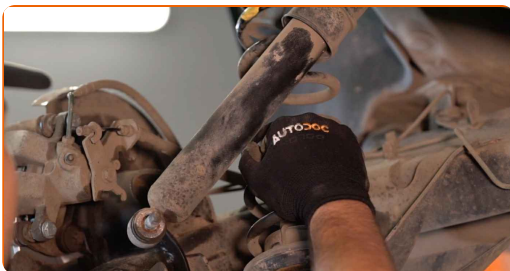


AUTODOC recommends:

- Replacement: coil springs – RENAULT MEGANE II (BM0/1_, CM0/1_). Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

13

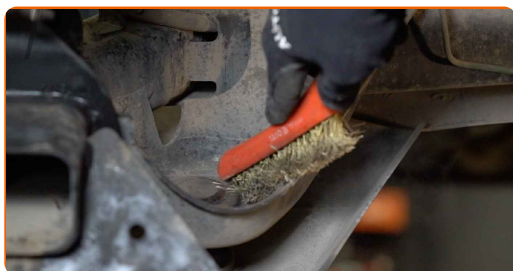
Pull down the rear suspension beam. Use a crowbar. Take out the spring.



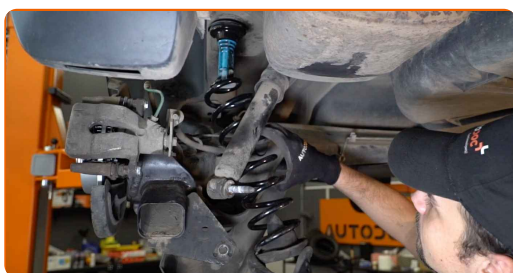
14

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

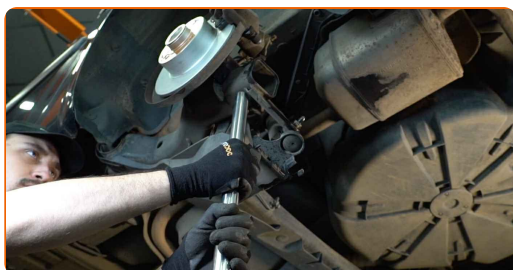
15 Clean the coil spring mounting seats. Use a wire brush. Use WD-40 spray.



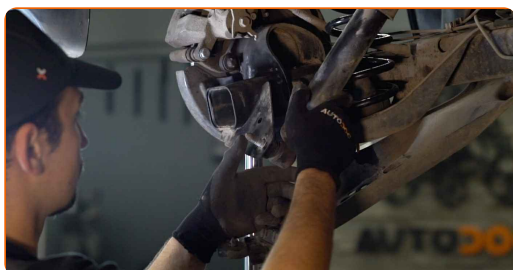
16 Install the coil spring together with the rubber mounts into the mounting seats.



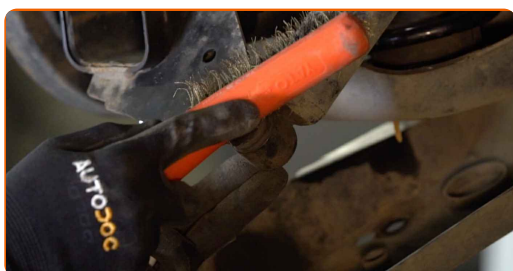
17 Secure the rear axle beam. Use a hydraulic transmission jack.



18 Mount the lower part of the shock absorber.



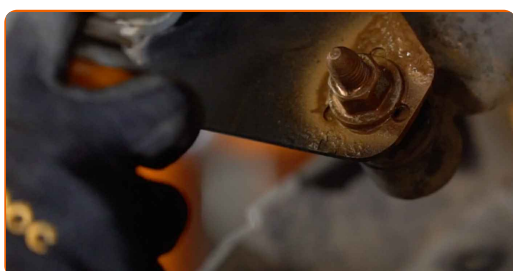
19 Clean the shock absorber fasteners. Use a wire brush.



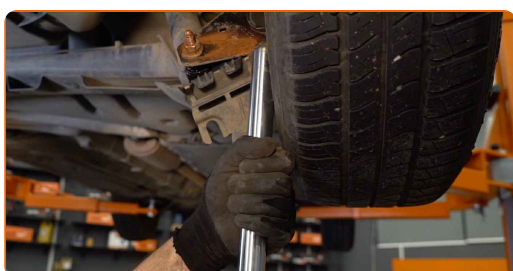
- 20** Tighten the lower fastener of the shock absorber. Use a drive socket #18. Use a combination spanner #18. Use a torque wrench. Tighten it to 105 Nm torque.



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



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



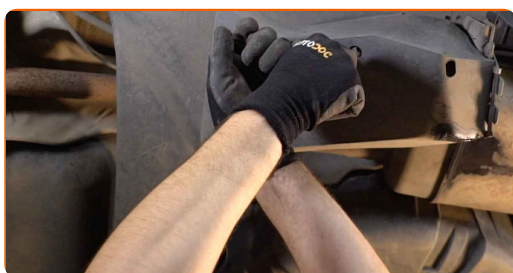
AUTODOC recommends:

- RENAULT MEGANE II (BM0/1_, CM0/1_) – Do not lower the transmission jack sharply to avoid damaging components and mechanisms of the car.

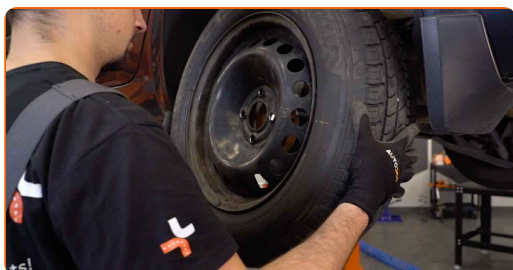
23 Install the rear axle plastic protecting cover and fasten it.



24 Screw in the fasteners of the rear axle plastic protecting cover. Use a drive socket #10. Use a ratchet wrench.



25 Install the wheel.



AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. RENAULT MEGANE II (BM0/1_, CM0/1_)

26 Screw in the wheel bolts. Use wheel impact socket #19.



- 27** Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #19. Use a torque wrench. Tighten it to 110 Nm torque.



- 28** Remove the jacks and chocks.



WELL DONE! 

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