



How to change rear  
shock absorbers on  
**RENAULT MEGANE II**  
**Saloon (LM0/1\_)** –  
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 Saloon (LM0/1\_) 1.4, RENAULT MEGANE II Saloon (LM0/1\_) 1.6, RENAULT MEGANE II Saloon (LM0/1\_) 2.0, RENAULT MEGANE II Saloon (LM0/1\_) 1.5 dCi (LM0F, LM0T, LM2B), RENAULT MEGANE II Saloon (LM0/1\_) 1.9 dCi, RENAULT MEGANE II Saloon (LM0/1\_) 1.5 dCi (LM02, LM13, LM2A), RENAULT MEGANE II Saloon (LM0/1\_) 1.5 dCi (LM1F), RENAULT MEGANE II Saloon (LM0/1\_) 1.5 dCi (LM1E), RENAULT MEGANE II Saloon (LM0/1\_) 2.0 dCi, RENAULT MEGANE II Saloon (LM0/1\_) 1.6 16V (LM1R, LM0C), RENAULT MEGANE II Saloon (LM0/1\_) 1.5 dCi (LM16)

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 SCÉNIC II (JM0/1\_) 1.9 dCi

REPLACEMENT: SHOCK ABSORBERS – RENAULT MEGANE II SALOON (LM0/1\_). LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Copper grease
- Combination spanner #18
- Drive socket # 10
- Drive socket # 16
- Drive socket # 18
- Wheel impact socket #19
- Ratchet wrench
- Torque wrench
- Tap wrench
- Crow bar
- Hydraulic transmission jack
- Wheel chock

**Buy tools**

Replacement: shock absorbers – RENAULT MEGANE II Saloon (LM0/1\_).  
AUTODOC experts recommend:

- Both shock absorbers of the rear suspension should be replaced simultaneously.
- The replacement procedure is identical for the left and right shock absorbers of the rear suspension.
- All work should be done with the engine stopped.

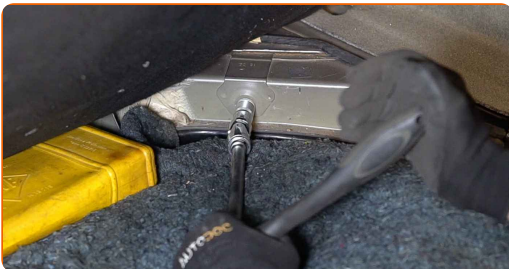
**REPLACEMENT: SHOCK ABSORBERS – RENAULT MEGANE II SALOON (LM0/1\_). TAKE THE FOLLOWING STEPS:**

**1** Open the boot lid.

**2** Raise the lower lining of the boot.



**3** Unscrew the upper fastener of the shock absorber. Use a drive socket #16. Use a ratchet wrench.



**4** Secure the wheels with chocks.



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



**6** Raise the rear of the car and secure on supports.

**7** Unscrew the wheel bolts.



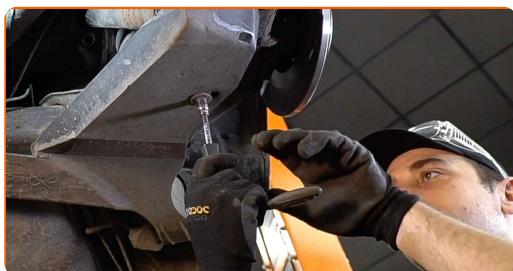
Replacement: shock absorbers – RENAULT MEGANE II Saloon (LM0/1\_).  
AUTODOC recommends:

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

**8** Remove the wheel.



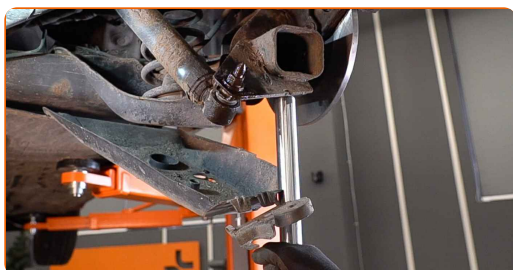
**9** Unscrew the fastener of the rear axle plastic protecting cover. Use a drive socket #10. Use a ratchet wrench.



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



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





**12**

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



**AUTODOC recommends:**

- Important! Hold the shock absorber while unscrewing the fastening bolts.  
RENAULT MEGANE II Saloon (LM0/1\_)

**13**

Remove the fastening bolt. Use a drive socket #16.



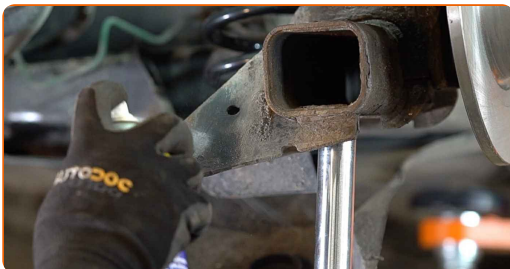
**14**

Remove the shock absorber. Use a crowbar.



**15**

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

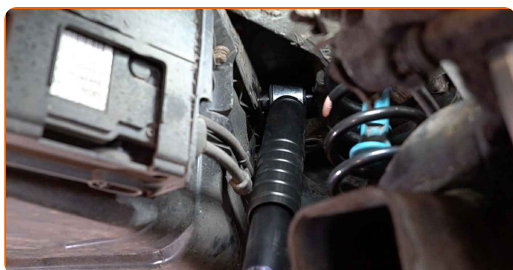


Replacement: shock absorbers – RENAULT MEGANE II Saloon (LM0/1\_).  
Professionals recommend:

- Before installing a new shock absorber you should pump it manually 3-5 times.

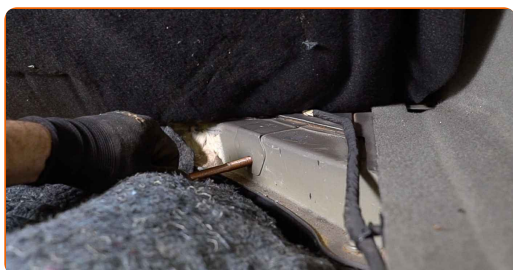
16

Place the shock absorber in the wheel arch and fasten it.



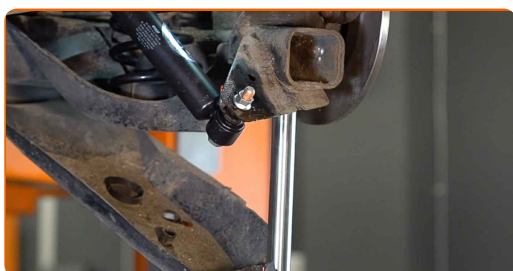
17

Install the fastening bolts.



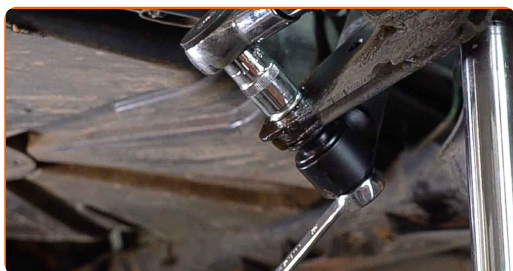
18

Raise the hydraulic transmission jack by 10-15 cm.



19

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

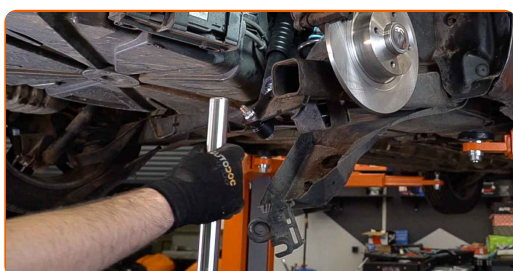




- 20 Tighten the top shock absorber fastening. Use a drive socket #16. Use a torque wrench. Tighten it to 62 Nm torque.



- 21 Remove the mounting from under the rear axle beam.



**AUTODOC recommends:**

- Replacement: shock absorbers – RENAULT MEGANE II Saloon (LM0/1\_). Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

- 22 Treat the shock absorber fasteners. Use copper grease.



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



**24** Treat the surface where the brake disc contacts the wheel rim. Use copper grease.



**25** Install the wheel.



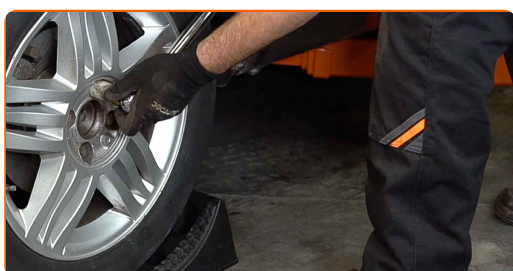
Replacement: shock absorbers – RENAULT MEGANE II Saloon (LM0/1\_).  
AUTODOC experts recommend:

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

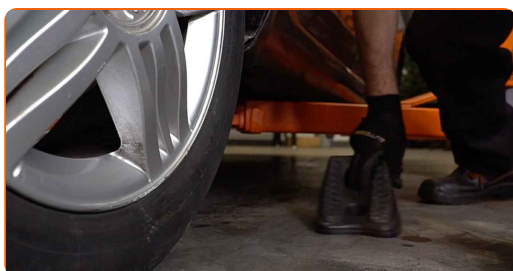
**26** Screw in the wheel bolts. Use wheel impact socket #19.



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



**28** Remove the jacks and chocks.



**29** Put down the lower lining of the boot.



30

Close the lid of the luggage compartment.

**WELL DONE!** 

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