



How to change rear
shock absorbers on
RENAULT Master II
Minibus – replacement
guide

SIMILAR VIDEO TUTORIAL



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

Important!

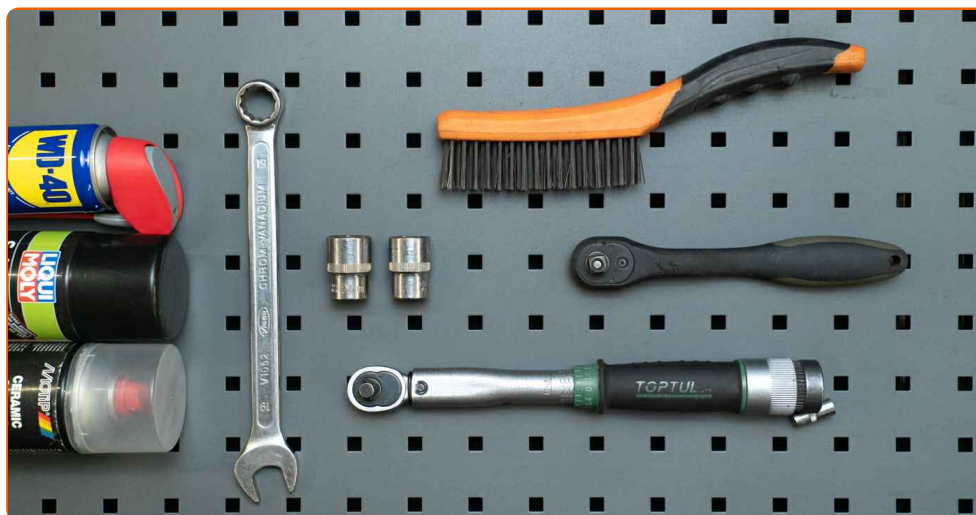
This replacement procedure can be used for:

RENAULT MASTER II Bus (JD) 2.5 D, RENAULT MASTER II Bus (JD) 2.8 dTi, RENAULT MASTER II Bus (JD) 2.2 dCi 90, RENAULT MASTER II Bus (JD) 1.9 dTi, RENAULT MASTER II Bus (JD) 2.5 dCi 120, RENAULT MASTER II Bus (JD) 1.9 dCi 80

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 MASTER II Box (FD) 2.2 dCi 90

REPLACEMENT: SHOCK ABSORBERS – RENAULT MASTER II MINIBUS. TOOLS YOU MIGHT NEED:



- Wire brush
- WD-40 spray
- All-purpose cleaning spray
- Ceramic grease
- Torque wrench
- 19 mm combination spanner
- 18 mm socket
- 21 mm socket
- 24 mm wheel impact socket
- Ratchet wrench or power tool for removal/installation of threaded fasteners
- Tommy bar
- Transmission jack or a second vehicle jack
- Car lift or jack with jack stands, and wheel chocks

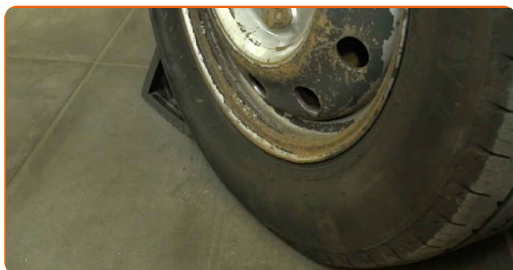
Buy tools

Replacement: shock absorbers – RENAULT Master II Minibus. AUTODOC experts recommend:

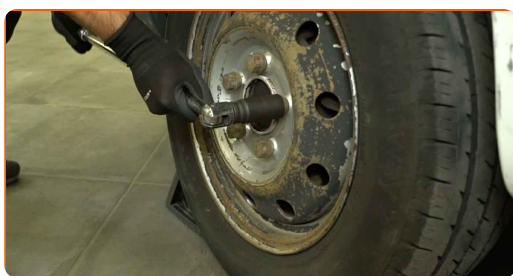
- Replace shock absorbers in pairs on an axle.
- The replacement procedure is identical for the left and right shock absorbers of the rear suspension.
- All the work should be carried out with the ignition switched off.

REPLACEMENT: SHOCK ABSORBERS – RENAULT MASTER II MINIBUS. TAKE THE FOLLOWING STEPS:

- 1** If you are going to use a jack, secure the wheels with chocks.



- 2** Loosen the wheel fasteners. Use a 24 mm wheel impact socket. Use a tommy bar.



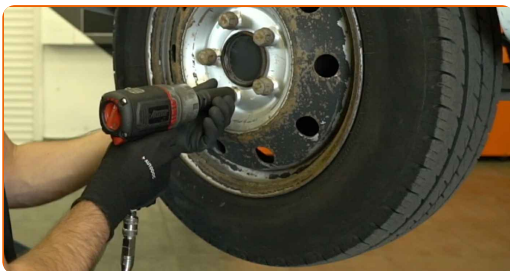
- 3** Raise the car.

Replacement: shock absorbers – RENAULT Master II Minibus. AUTODOC recommends:

- If you are using a jack, make sure the car is parked on a hard, flat surface.
- Make sure to additionally secure the car with jack stands.

4

Unscrew the wheel fasteners.

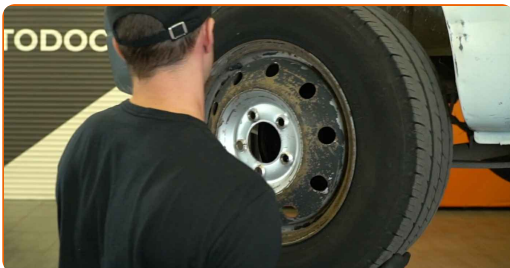


Caution!

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

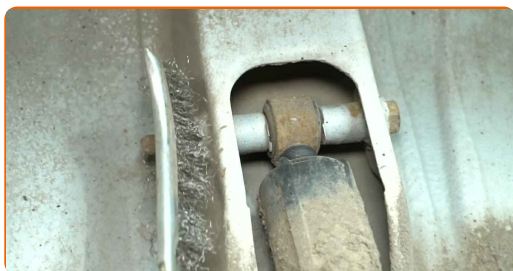
5

Remove the wheel.



6

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



7

Prop up the rear axle beam. Use a transmission jack or one more vehicle jack.



8

Unscrew the lower fastener of the shock absorber. Use a 21 mm socket. Use a ratchet wrench.

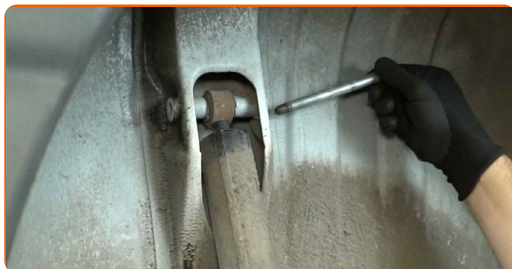


9

Unscrew the upper fastener of the shock absorber. Use a 19 mm combination spanner. Use an 18 mm socket. Use a ratchet wrench.



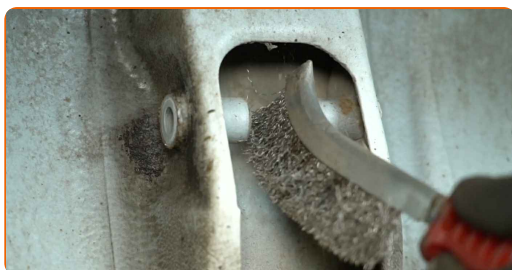
10 Remove the fastening bolts.



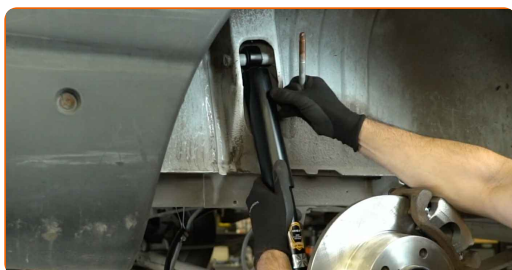
11 Remove the shock absorber.



12 Clean the shock absorber mounting seats. Use a wire brush. Use an all-purpose cleaning spray.



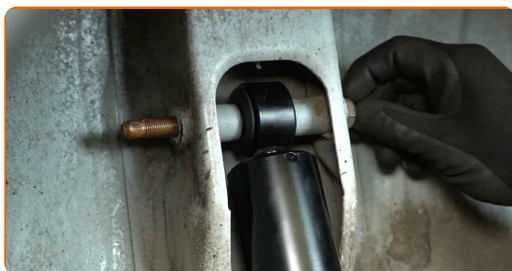
13 Place the new shock absorber under the wheel arch.



Replacement: shock absorbers – RENAULT Master II Minibus. Tip:

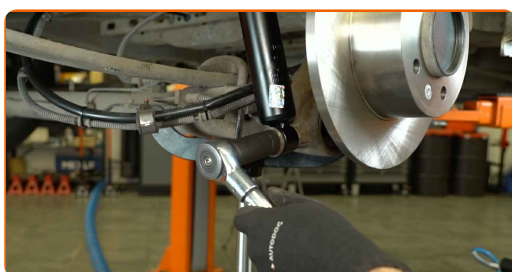
- Before installing the new shock absorber, make sure to prime it if the part manufacturer recommends doing so. Holding the part upright, compress it and let it extend on its own 3–5 times.

- 14 Install the fastening bolts.

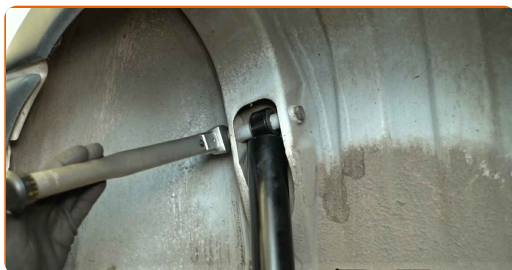


- 15 To tighten the fasteners correctly, you have to jack up the suspension to load it. Use a transmission jack or one more vehicle jack.

- 16 Screw in and tighten the lower fastener of the shock absorber. Use a 21 mm socket. Use a ratchet wrench. Use a torque wrench. Tightening torque: 150 N·m.



- 17 Screw in and tighten the top fastener of the shock absorber. Use a 19 mm combination spanner. Use an 18 mm socket. Use a ratchet wrench. Use a torque wrench. Tightening torque: 80 N·m.



- 18 Remove the support from under the axle beam.



19

Clean the wheel rim mounting seat. Use a wire brush. Use an all-purpose cleaning spray.



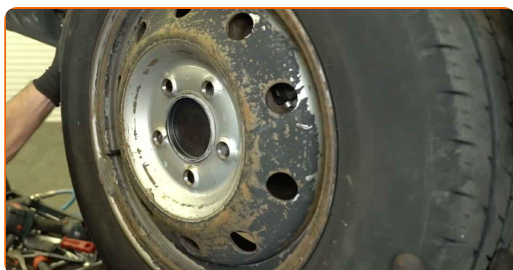
20

Treat the brake disc surface that contacts the wheel rim. Use ceramic grease.



21

Install the wheel.



Caution!

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

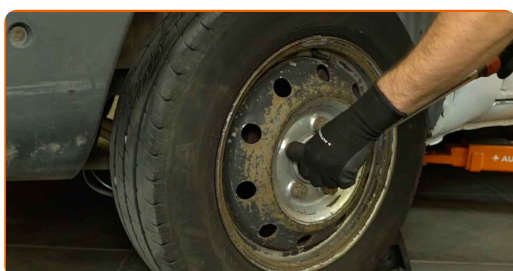
22

Screw in the wheel fasteners. Use a 24 mm wheel impact socket. Use a ratchet wrench.



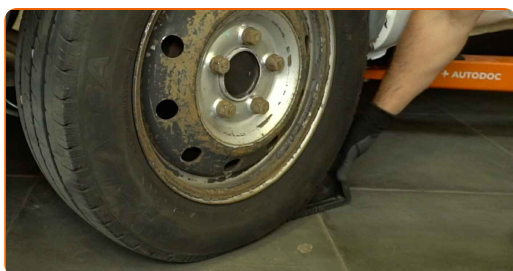
23

Lower the car and tighten the wheel fasteners in a criss-cross pattern. Use a 24 mm wheel impact socket. Use a torque wrench. Tightening torque: 172 N·m.



24

Remove the jack, jack stands, and wheel chocks.




WELL DONE! 

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SHOCK ABSORBERS: A WIDE SELECTION

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