



How to change rear
shock absorbers on **Seat**
Leon 1M1 – replacement
guide

VIDEO TUTORIAL



Important!

This replacement procedure can be used for:

SEAT Toledo II Saloon (1M2) 1.6, SEAT Toledo II Saloon (1M2) 1.8 20V, SEAT Toledo II Saloon (1M2) 2.3 V5, SEAT Toledo II Saloon (1M2) 1.9 TDI, SEAT Leon Hatchback (1M1) 1.6, SEAT Leon Hatchback (1M1) 1.8 20V, SEAT Leon Hatchback (1M1) 1.9 TDI, SEAT Leon Hatchback (1M1) 1.4 16V, SEAT Leon Hatchback (1M1) 1.8 20V T, SEAT Leon Hatchback (1M1) 1.9 SDI, SEAT Toledo II Saloon (1M2) 1.4 16V, SEAT Leon Hatchback (1M1) 1.6 16 V, SEAT Toledo II Saloon (1M2) 1.6 16V, SEAT Toledo II Saloon (1M2) 2.3 V5 20V, SEAT Toledo II Saloon (1M2) 1.8 20VT, (+ 1)

The steps may slightly vary depending on the car design.

REPLACEMENT: SHOCK ABSORBERS – SEAT LEON
1M1. TOOLS YOU MIGHT NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Ceramic grease
- Copper grease
- Torque wrench
- Combination spanner #16
- Drive socket # 16
- Drive socket # 17
- Shock absorber socket #DD5.2
- Wheel impact socket #17
- Ratchet wrench
- Tap wrench
- Crow bar
- Hydraulic transmission jack
- Wheel chock

BUY TOOLS

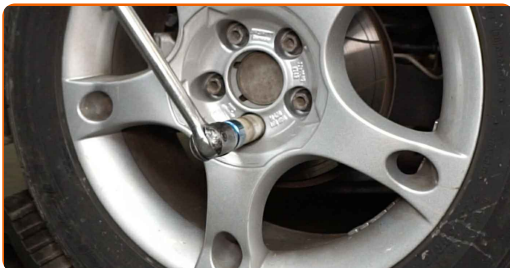
Replacement: shock absorbers – Seat Leon 1M1. Professionals recommend:

- 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 – SEAT LEON 1M1. USE THE FOLLOWING PROCEDURE:

1 Secure the wheels with chocks.

2 Loosen the wheel bolts. Use wheel impact socket #17. Use a tap wrench.



3 Raise the car.

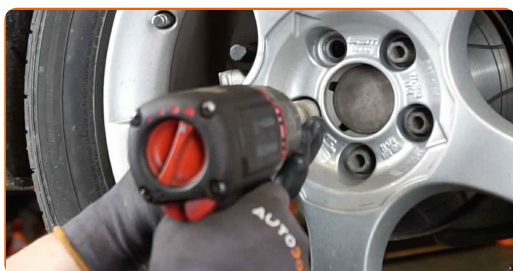


AUTODOC recommends:

- If you are using a jack, make sure it rests on a flat surface without any unevenness.
- Be sure to additionally secure the car with jack stands.

4

Unscrew the wheel bolts.



Replacement: shock absorbers – Seat Leon 1M1. AUTODOC recommends:

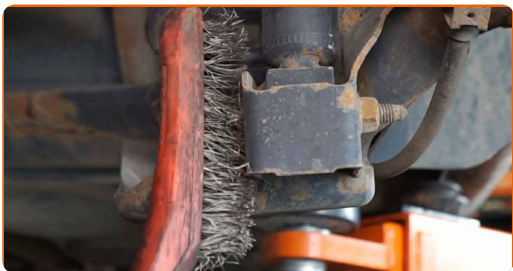
- To avoid injury, hold up the wheel when unscrewing the bolts.

5

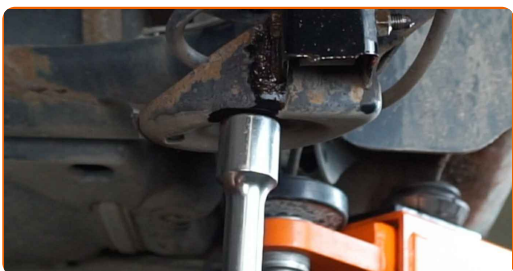
Remove the wheel.



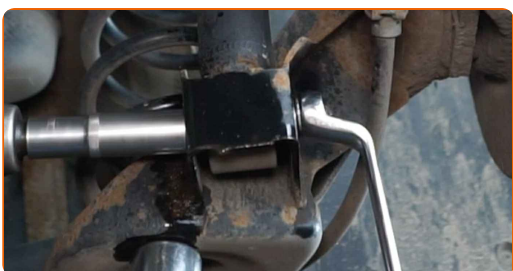
6 Clean the lower shock absorber fastener. Use a wire brush. Use WD-40 spray.



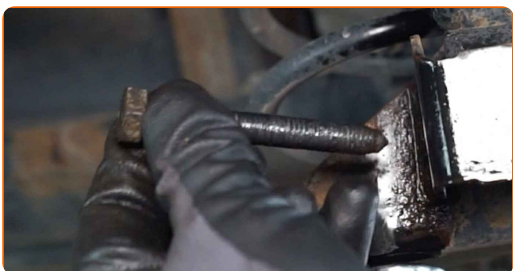
7 Support the rear axle beam. Use a hydraulic transmission jack.



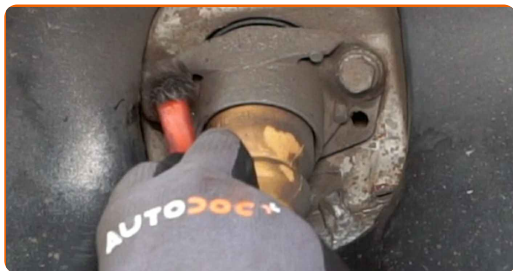
8 Unscrew the lower fasteners of the shock absorber. Use a combination spanner #16. Use a drive socket #16. Use a ratchet wrench.



9 Remove the fastening bolt.



10 Clean the fasteners of the shock absorber upper mount. Use a wire brush. Use WD-40 spray.



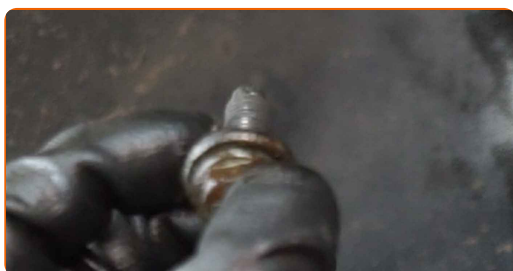
11 Unscrew the shock absorber mount fasteners. Use a drive socket #16. Use a ratchet wrench.



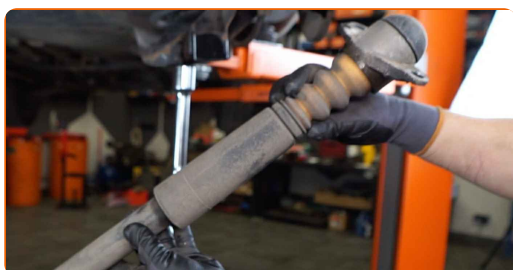
AUTODOC recommends:

- Important! Hold the shock absorber while unscrewing the fastening bolts. Seat Leon 1M1

12 Remove the fastening bolts.



13 Remove the shock absorber.



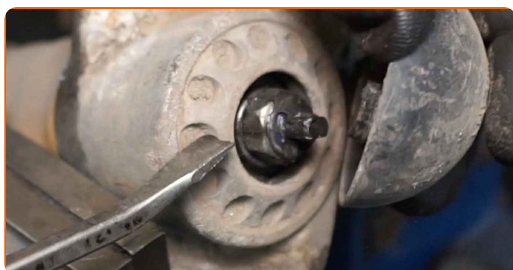
14 Clean the shock absorber mounting seats. Use a wire brush. Use WD-40 spray.



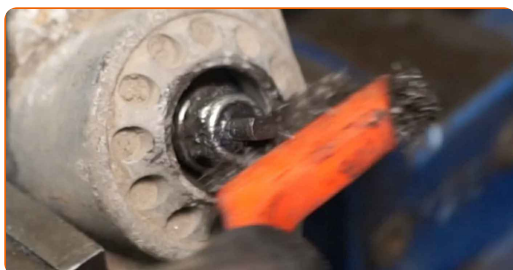
15 Grip the shock absorber in a vice.



16 Remove the shock absorber mount cap. Use a crowbar.



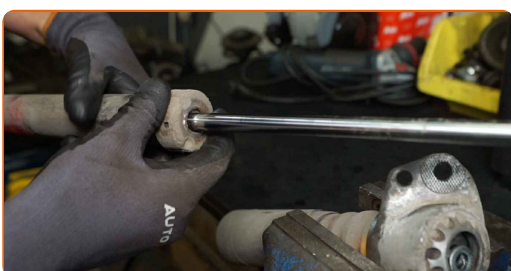
17 Clean the shock absorber rod fastener. Use a wire brush. Use WD-40 spray.



- 18** Unscrew the fastener of the shock absorber piston rod. Use a drive socket #17. Use a shock absorber socket #DD5.2. Use a ratchet wrench.



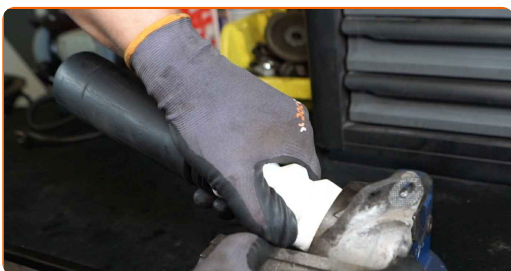
- 19** Remove the shock absorber mount, dust boot, and bump stop.



Replacement: shock absorbers – Seat Leon 1M1. Tip:

- Examine the shock absorber dust boot and bump stop. Replace them if necessary.

- 20** Install the mount, dust boot, and bump stop on a new shock absorber.



AUTODOC recommends:

- Before installing a new shock absorber you should pump it 3–5 times by hand.

- 21 Tighten the shock absorber rod nut. Use a drive socket #17. Use a shock absorber socket #DD5.2. Use a torque wrench. Tighten it to 25 Nm torque.

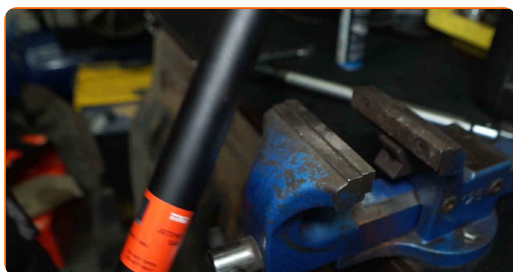


- 22 Treat the shock absorber rod fastener. Use copper grease.

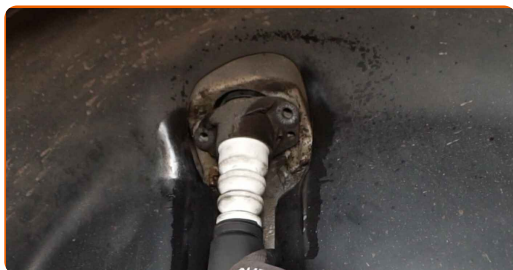
- 23 Install the shock absorber mount cap.



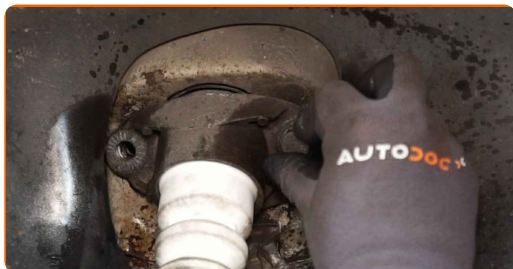
- 24 Release the vice and take out the shock absorber.



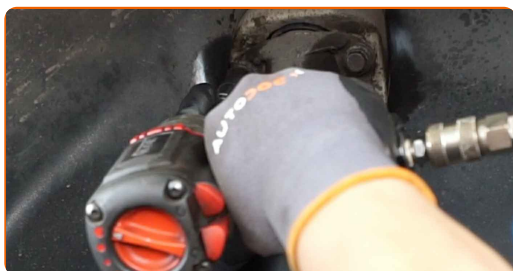
- 25 Place the shock absorber in the wheel arch and secure it.



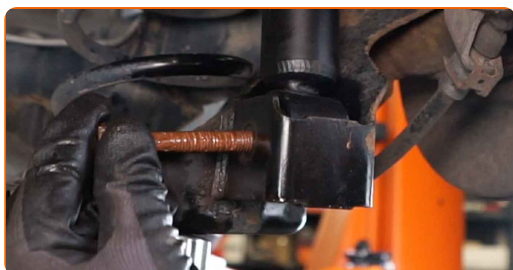
26 Install the fastening bolts.



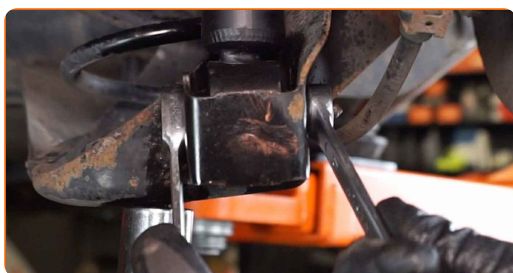
27 Screw in the shock absorber mount fasteners. Use a drive socket #16. Use a ratchet wrench.



28 Install the fastening bolt.

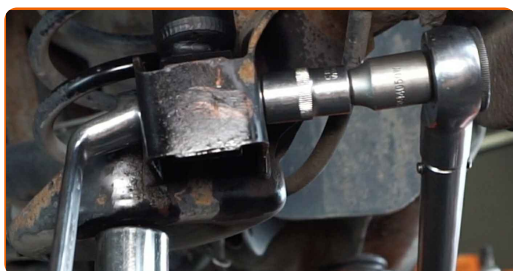


29 Screw in the lower fastener of the shock absorber. Use a combination spanner #16 (2 pieces). Use a ratchet wrench.



30 For tightening the fasteners correctly, you have to jack up the suspension components to their working position. Use a hydraulic transmission jack.

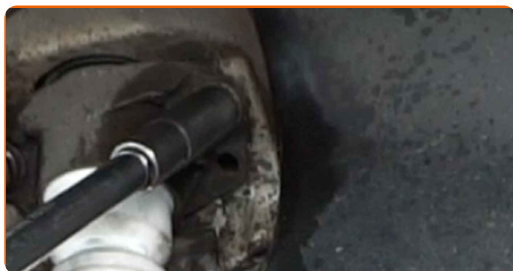
- 31** Tighten the lower fastener of the shock absorber. Use a combination spanner #16. Use a drive socket #16. Use a torque wrench. Tighten it to 45 Nm torque.+90°



Replacement: shock absorbers – Seat Leon 1M1. AUTODOC recommends:

- Important! Be sure to use new fasteners.

- 32** Tighten the shock absorber mount fasteners. Use a drive socket #16. Use a torque wrench. Tighten it to 30 Nm torque.+90°



AUTODOC recommends:

- Important! Be sure to use new fasteners.

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

- 34** Remove the support from under the rear axle beam.

AUTODOC recommends:

- Seat Leon 1M1 – Do not lower the transmission jack sharply to avoid damaging components and mechanisms of the car.

35

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



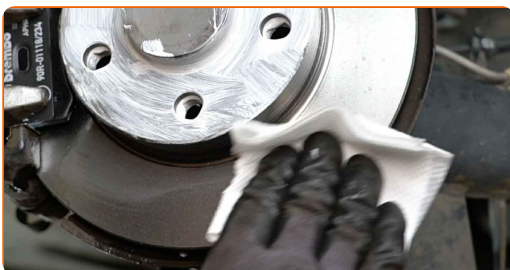
36

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



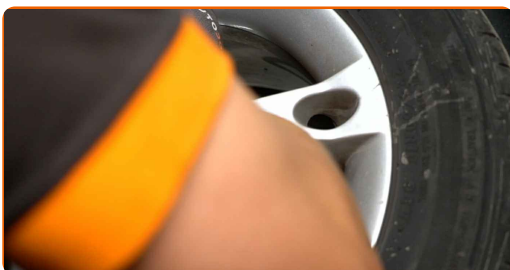
37

Clean the brake disc surface. Use a brake cleaner.



38

Install the wheel.



Replacement: shock absorbers – Seat Leon 1M1. Tip from AUTODOC experts:

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

39

Screw in the wheel bolts. Use wheel impact socket #17. Use a ratchet wrench.



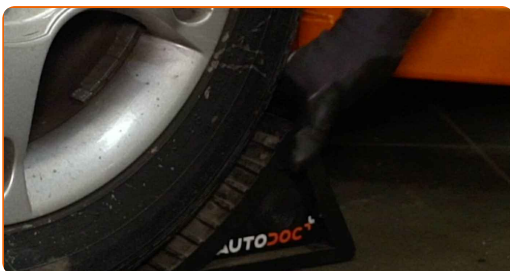
40

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 120 Nm torque.



41

Remove the jacks and chocks.



WELL DONE! 

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