



How to change rear
shock absorbers on **Fiat**
Panda 169 – replacement
guide

VIDEO TUTORIAL



Important!

This replacement procedure can be used for:

FIAT PANDA (169) 1.2, FIAT PANDA (169) 1.2 LPG, FIAT PANDA (169) 1.1, FIAT PANDA (169) 1.3 D Multijet, FIAT PANDA Van (169) 1.3 D Multijet

The steps may slightly vary depending on the car design.

REPLACEMENT: SHOCK ABSORBERS – FIAT PANDA
169. TOOLS YOU MIGHT NEED:



- Wire brush
- WD-40 spray
- Copper grease
- Torque wrench
- Drive socket # 15
- Drive socket # 16
- Drive socket # 19
- Wheel impact socket #17
- Ratchet wrench
- Hydraulic transmission jack
- Wheel chock

BUY TOOLS

Replacement: shock absorbers – Fiat Panda 169. 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.
- Please note: all work on the car – Fiat Panda 169 – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

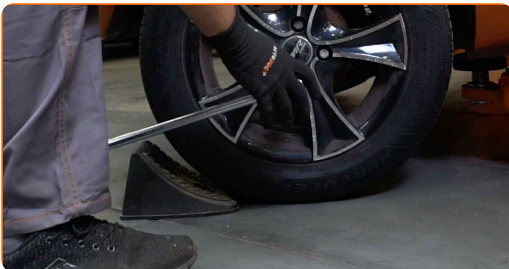
1

Secure the wheels with chocks.



2

Loosen the wheel mounting bolts. Use wheel impact socket #17.

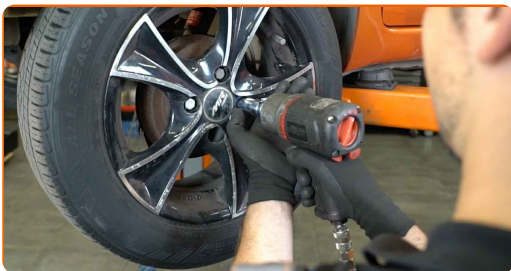


3

Raise the rear of the car and secure on supports.



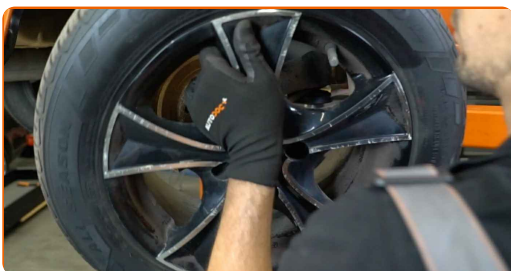
4 Unscrew the wheel bolts.



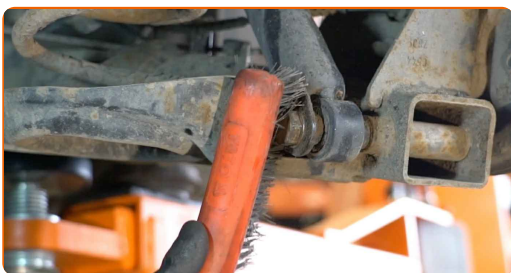
AUTODOC recommends:

- Important! Hold the wheel while unscrewing the fastening bolts. Fiat Panda 169

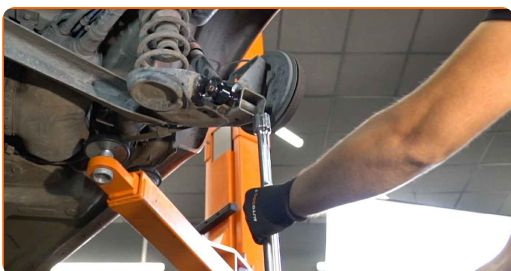
5 Remove the wheel.



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

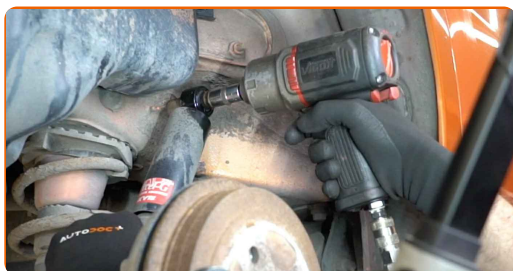


7 Support the rear suspension beam. Use a hydraulic transmission jack.



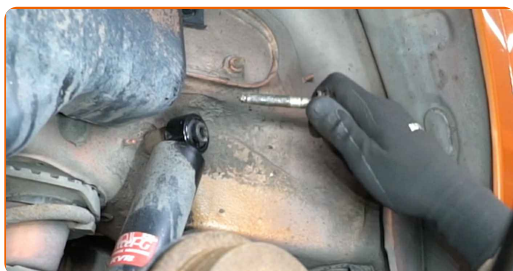
8

Unscrew the upper fastener of the shock absorber. Use a drive socket #15. Use a ratchet wrench.



9

Remove the fastening bolt.



10

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



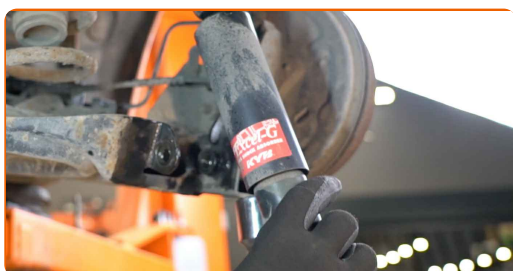
11

Remove the fastening bolt.



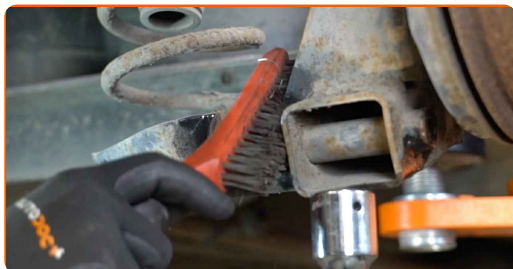
12

Remove the shock absorber.



13

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

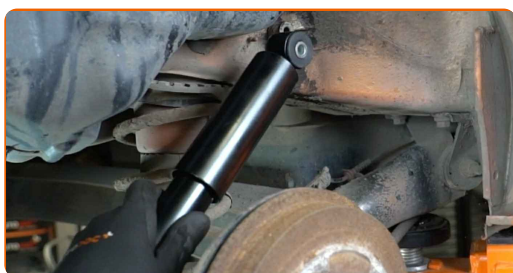


Replacement: shock absorbers – Fiat Panda 169. Tip from AUTODOC experts:

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

14

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

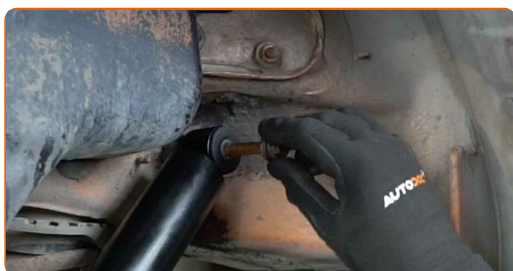


AUTODOC recommends:

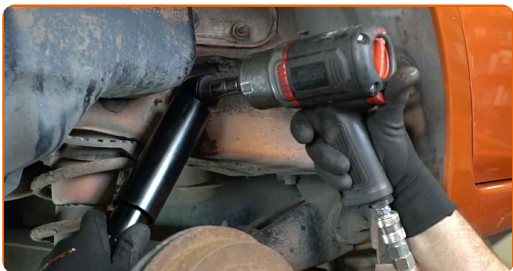
- Fiat Panda 169 – To avoid injury, hold the shock absorber while screwing in the fastening bolts.

15

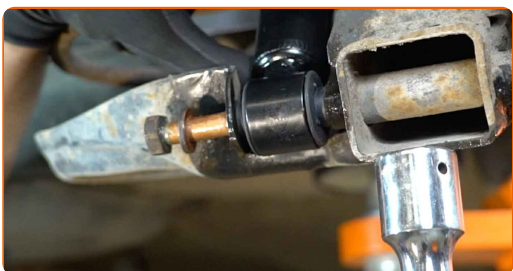
Install the fastening bolt.



16 Screw the upper fastener of the shock absorber. Use a drive socket #16. Use a ratchet wrench.



17 Install the fastening bolt.



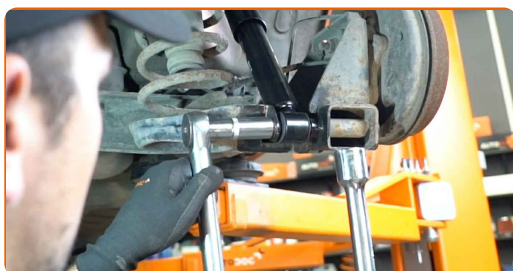
18 Screw in the lower fastener of the shock absorber. Use a drive socket #19. Use a ratchet wrench.



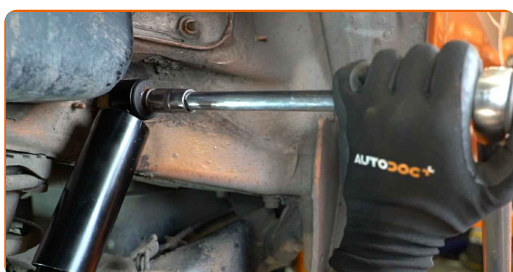
19 Raise the hydraulic transmission jack by 10-15 cm.



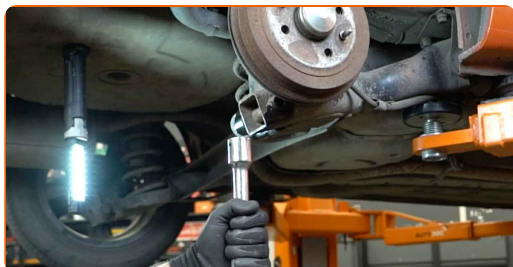
- 20** Tighten the lower fastener of the shock absorber. Use a drive socket #19. Use a torque wrench. Tighten it to 70 Nm torque.



- 21** Tighten the top shock absorber fastening. Use a drive socket #15. Use a torque wrench. Tighten it to 70 Nm torque.



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



AUTODOC recommends:

- Replacement: shock absorbers – Fiat Panda 169. Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

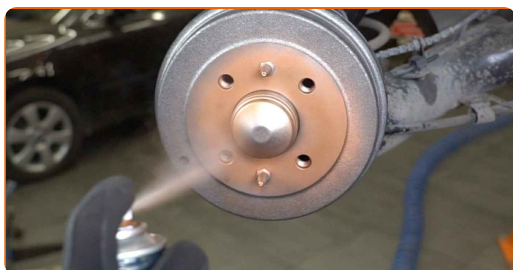
23 Treat the shock absorber fasteners. Use copper grease.



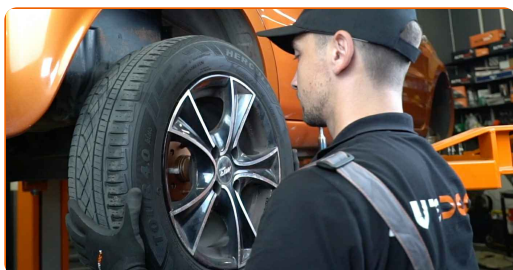
24 Clean the wheel rim mounting seat. Use a wire brush.



25 Treat the surface where the wheel rim contacts the brake drum. Use copper grease.



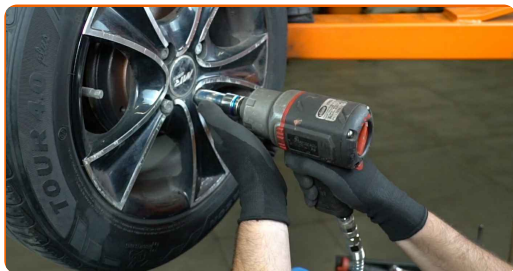
26 Install the wheel.



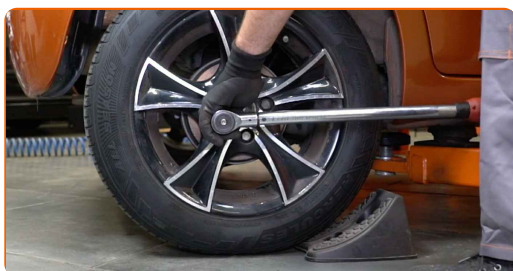
AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts. Fiat Panda 169

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



28 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 98 Nm torque.



29 Remove the jacks and chocks.



WELL DONE! 

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