



How to change front
lower arm on **Fiat Panda**
169 – replacement guide

VIDEO TUTORIAL



Important!

This replacement procedure can be used for:

FIAT PANDA (169) 1.2, FIAT PANDA (169) 1.4 Natural Power, FIAT PANDA (169) 1.3 D Multijet 4x4, FIAT PANDA (169) 1.2 4x4, FIAT PANDA (169) 1.2 LPG, FIAT PANDA Van (169) 1.4 Natural Power, FIAT PANDA Van (169) 1.2, FIAT PANDA Van (169) 1.2 4x4, FIAT PANDA Van (169) 1.3 D Multijet 4x4, FIAT PANDA Van (169) 1.2 LPG, FIAT PANDA (169) 1.1, FIAT PANDA (169) 1.3 D Multijet, FIAT PANDA (169) 1.4, FIAT PANDA (169) 1.2 Natural Power, FIAT PANDA Van (169) 1.3 D Multijet, (+ 2)

The steps may slightly vary depending on the car design.

**REPLACEMENT: FRONT LOWER ARM – FIAT PANDA
169. LIST OF THE TOOLS YOU'LL NEED:**



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Torque wrench
- Combination spanner #16
- Drive socket # 13
- Drive socket # 18
- Wheel impact socket #17
- Ratchet wrench
- Tap wrench
- Hydraulic transmission jack
- Wheel chock

BUY TOOLS

Replacement: front lower arm – Fiat Panda 169. AUTODOC experts recommend:

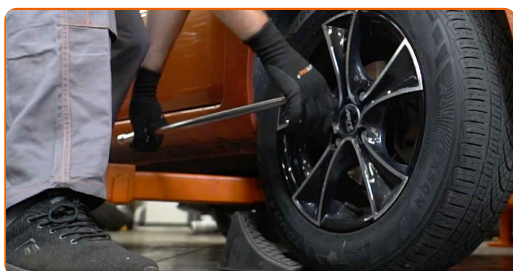
- The replacement procedure is identical for the left and right lower control arms.
- All work should be done with the engine stopped.

REPLACEMENT: FRONT LOWER ARM – FIAT PANDA 169. RECOMMENDED SEQUENCE OF STEPS:

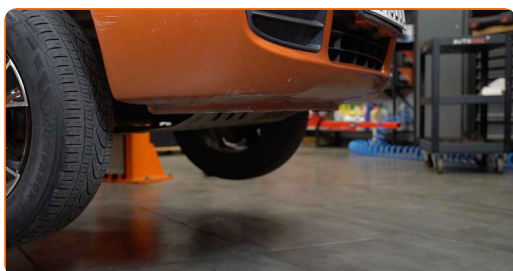
1 Secure the wheels with chocks.



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



3 Raise the front 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.
Fiat Panda 169

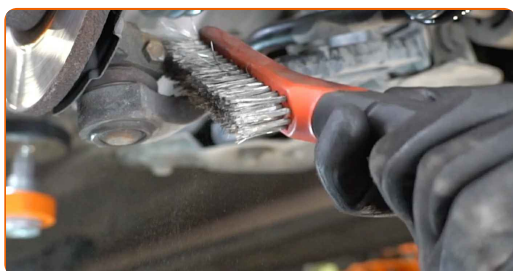
5

Remove the wheel.



6

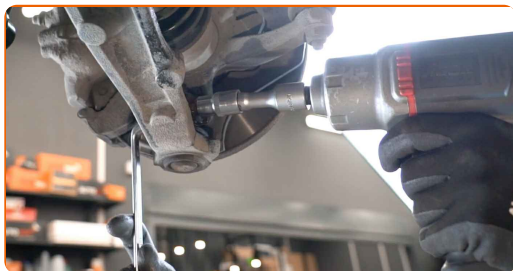
Clean all joints of the arm. Use a wire brush. Use WD-40 spray.



AUTODOC recommends:

- Replacement: front lower arm – Fiat Panda 169. After applying the spray, wait a few minutes.
- Wear protective goggles.
- Wear a respirator.

7 Unscrew the fastener connecting the ball joint to the steering knuckle. Use a combination spanner #13. Use a drive socket #16. Use a ratchet wrench.

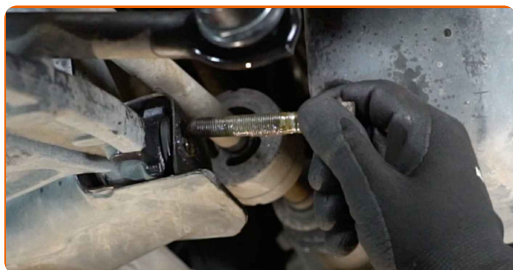


8 Remove the fastening bolt.

9 Unscrew the front arm fastener. Use a drive socket #18. Use a tap wrench.



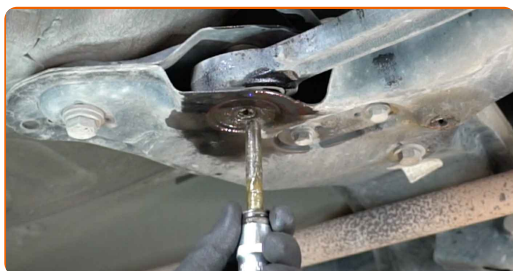
10 Remove the front fastener of the control arm.



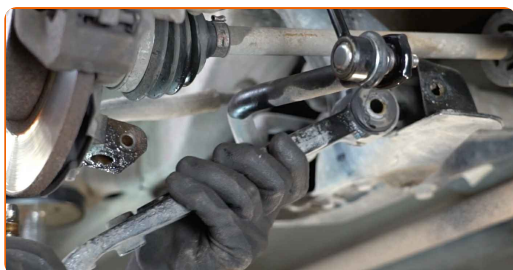
11 Unscrew the rear fastener connecting the control arm to the subframe. Use a drive socket #18. Use a tap wrench.



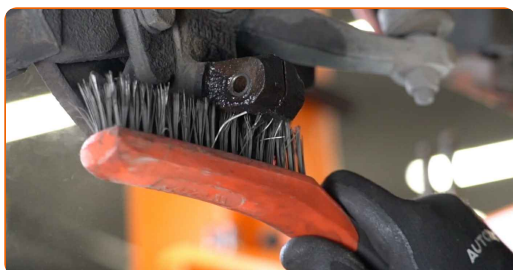
12 Remove the rear fastener of the control arm.



13 Remove the arm.



14 Clean the mounting seats and the thread of the suspension arm. Use a wire brush. Use WD-40 spray.



15 Install a new arm.

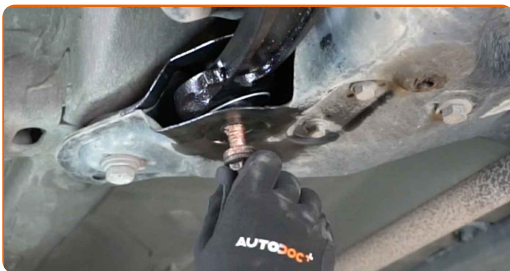


Replacement: front lower arm – Fiat Panda 169. Professionals recommend:

- During the installation process, use only new bolts and nuts.
- Do not damage the ball joint cover.

16

Install the control arm fasteners. Use a drive socket #18. Use a ratchet wrench.



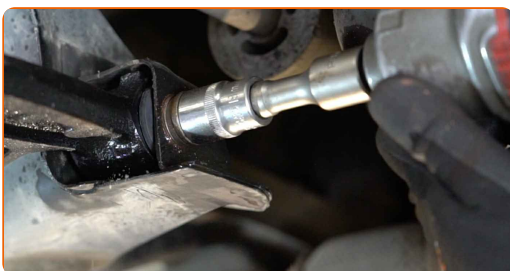
17

Support the arm. Use a hydraulic transmission jack.



18

Screw the front arm fastener. Use a drive socket #18. Use a ratchet wrench.



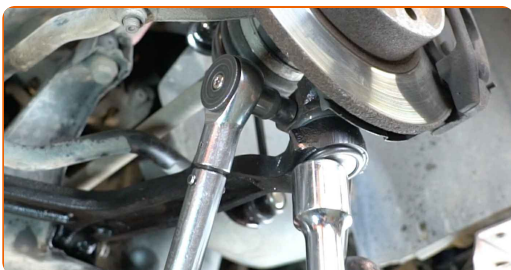
- 19** Screw the rear fastener connecting the control arm to the subframe. Use a drive socket #18. Use a ratchet wrench.



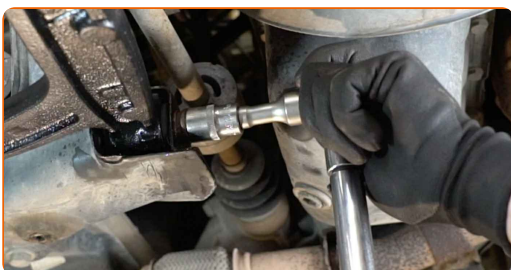
- 20** Screw the fastener connecting the ball joint to the steering knuckle. Use a combination spanner #13. Use a drive socket #16. Use a ratchet wrench.



- 21** Tighten the ball joint fastener. Use a combination spanner #13. Use a drive socket #16. Use a torque wrench. Tighten it to 32 Nm torque.



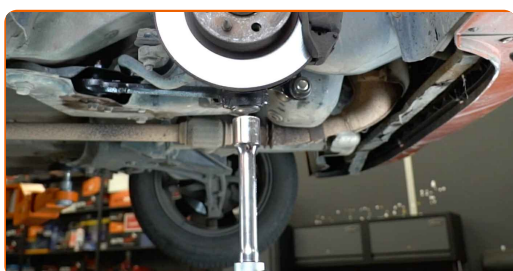
- 22** Tighten the front fastener connecting the control arm to the subframe. Use a drive socket #18. Use a torque wrench. Tighten it to 120 Nm torque.



- 23** Tighten the rear fastener connecting the arm to the body subframe. Use a drive socket #18. Use a torque wrench. Tighten it to 120 Nm torque.



- 24** Remove the support from under the arm.



AUTODOC recommends:

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

- 25** Treat all joints of the arm. Use copper grease.



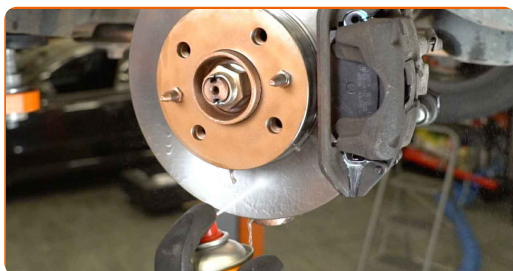
26

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



27

Clean the brake disk surface. Use a brake cleaner.

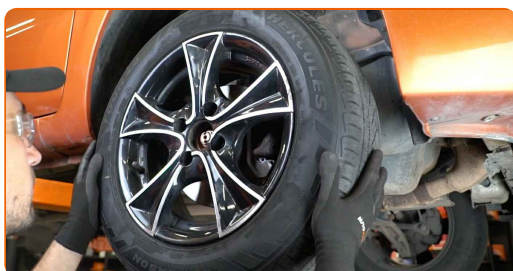


AUTODOC recommends:

- Replacement: front lower arm – Fiat Panda 169. After applying the spray, wait a few minutes.

28

Install the wheel.



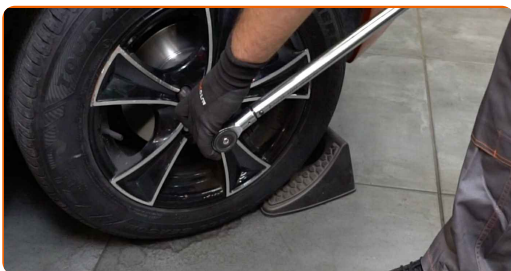
AUTODOC recommends:

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

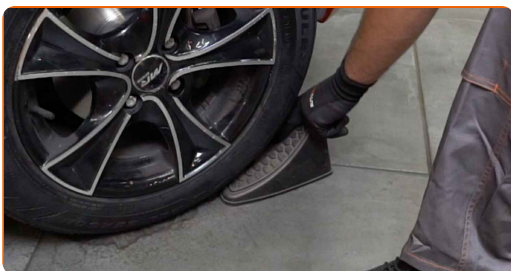
29 Screw in the wheel bolts. Use wheel impact socket #17.



30 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.



31 Remove the jacks and chocks.



WELL DONE! 

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