



How to change front  
lower arm on **ABARTH**  
**Grande Punto (199\_)** –  
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:

ABARTH Grande Punto (199\_) 1.4 (199.AXN1B), ABARTH Grande Punto (199\_) 1.4 (199.AXX1B)

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: FIAT GRANDE PUNTO (199) 1.3 D Multijet

**REPLACEMENT: FRONT LOWER ARM – ABARTH GRANDE PUNTO (199\_). TOOLS YOU MIGHT NEED:**



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #16
- Combination spanner #18
- Drive socket # 16
- Drive socket # E18
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Flat chisel
- Hammer
- Tap wrench
- Hydraulic transmission jack
- Wheel chock

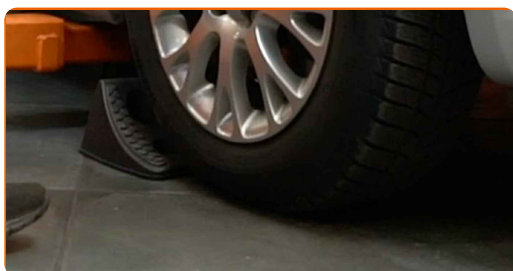
**Buy tools**

Replacement: front lower arm – ABARTH Grande Punto (199\_). AUTODOC recommends:

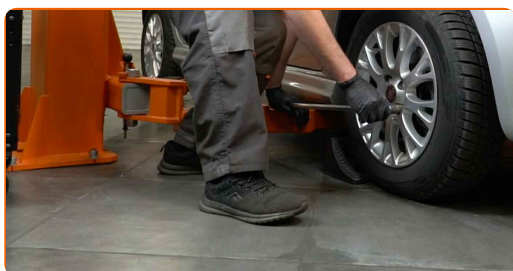
- The replacement procedure is identical for the left and right lower control arms.
- All work should be done with the engine stopped.

## REPLACEMENT: FRONT LOWER ARM – ABARTH GRANDE PUNTO (199\_). TAKE THE FOLLOWING 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:**

- Important! Hold the wheel while unscrewing the fastening bolts. ABARTH Grande Punto (199\_)

5

Remove the wheel.



6

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



Replacement: front lower arm – ABARTH Grande Punto (199\_). Tip:

- After applying the spray, wait a few minutes.
- Wear protective goggles.

**7** Unscrew the ball joint fastening to the steering knuckle. Use a combination spanner #16. Use a drive socket #16. Use a tap wrench.



**8** Remove the fastening bolt.



**9** Unscrew the front arm fastener. Use a drive socket #E18. Use a tap wrench.



- 10 Unscrew the rear fastener connecting the control arm to the subframe. Use a combination spanner #18. Use a drive socket #E18. Use a tap wrench.



- 11 Remove the fastening bolts. Use a drive socket #E18. Use a ratchet wrench.



- 12 Release the fastener connecting the ball joint to the steering knuckle. Use a flat metal-working chisel. Use a hammer.



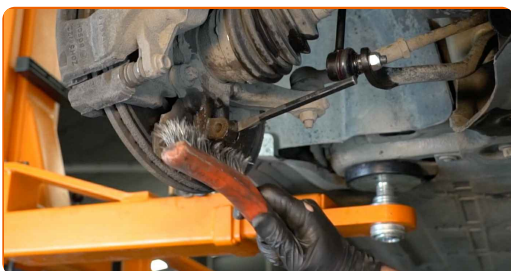
- 13 Disconnect the ball joint from the steering knuckle.



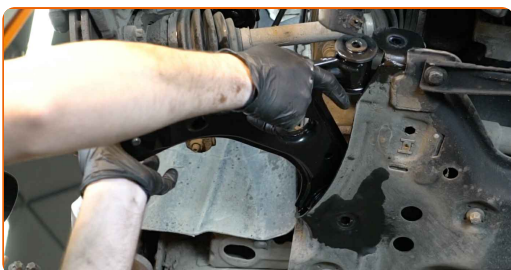
**14** Remove the arm.



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



**16** Install a new arm.

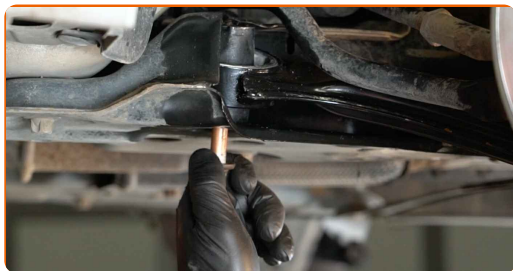


Replacement: front lower arm – ABARTH Grande Punto (199\_). AUTODOC experts recommend:

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



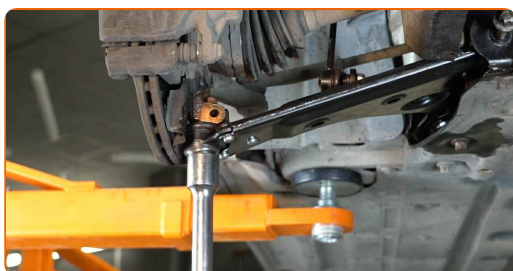
**17** Install the fastening bolts. Use a combination spanner #18. Use a drive socket #E18. Use a tap wrench.



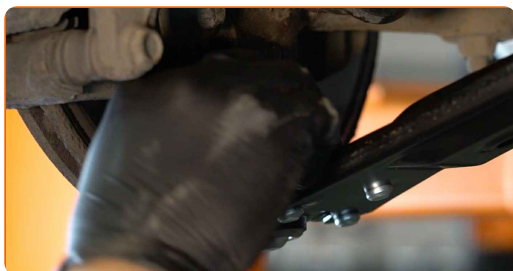
**18** Screw the rear fastener connecting the control arm to the subframe. Use a combination spanner #18. Use a drive socket #E18. Use a ratchet wrench.



**19** Support the arm. Use a hydraulic transmission jack.



**20** Connect the ball joint to the steering knuckle.



**21** Install the fastening bolt.



**22** Screw the fasteners of the ball joint. Use a combination spanner #16. Use a drive socket #16. Use a ratchet wrench.



**23** Screw the rear fastener connecting the control arm to the subframe. Use a combination spanner #18. Use a drive socket #E18. Use a ratchet wrench.



**24** Tighten the front fastener connecting the control arm to the subframe. Use a drive socket #E18. Use a torque wrench. Tighten it to 60 Nm torque. +90°



**AUTODOC recommends:**

- Important! Be sure to use new fasteners.

**25**

Tighten the rear fastener connecting the arm to the body subframe. Use a drive socket #E18. Use a torque wrench. Tighten it to 60 Nm torque. +90°

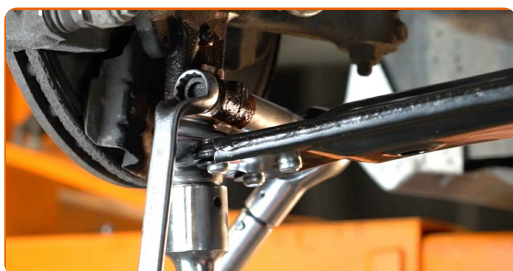


**AUTODOC recommends:**

- Important! Be sure to use new fasteners.

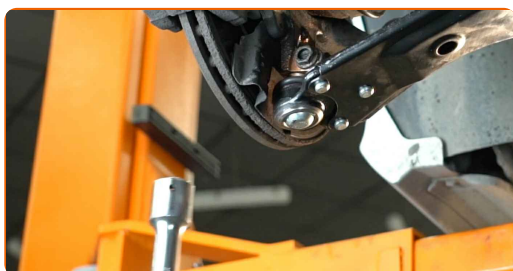
**26**

Tighten the ball joint fastener. Use a drive socket #16. Use a torque wrench. Tighten it to 50 nm torque.



**27**

Remove the support from under the arm.



**AUTODOC recommends:**

- Replacement: front lower arm – ABARTH Grande Punto (199\_). Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

**28**

Treat all joints of the arm. Use copper grease.



**29**

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



**30**

Clean the brake disk surface. Use a brake cleaner.



**Replacement: front lower arm – ABARTH Grande Punto (199\_). Tip from AUTODOC:**

- After applying the spray, wait a few minutes.

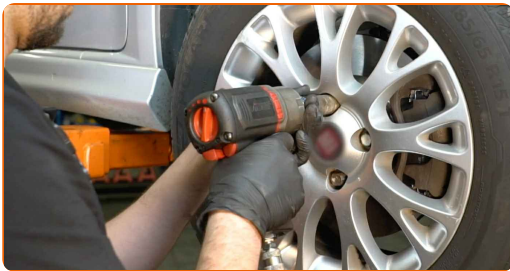
**31** Install the wheel.



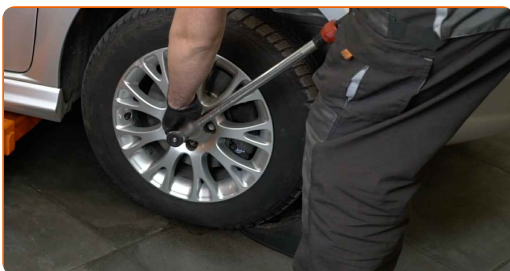
Replacement: front lower arm – ABARTH Grande Punto (199\_). Professionals recommend:

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

**32** Screw in the wheel bolts. Use wheel impact socket #17.



**33** 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.



34

Remove the jacks and chocks.



**WELL DONE!** 

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