



How to change front
lower arm on **Citroen C3**
1 – replacement guide

VIDEO TUTORIAL

** Important!**

This replacement procedure can be used for:

CITROËN C3 I Hatchback (FC, FN) 1.4 i Bivalent, CITROËN C3 I Hatchback (FC, FN) 1.6 16V, CITROËN C3 I Hatchback (FC, FN) 1.4 16V, CITROËN C2 Enterprise (JG) 1.4 HDi

The steps may slightly vary depending on the car design.

REPLACEMENT: FRONT LOWER ARM – CITROEN C3 1.
 TOOLS YOU NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #14
- Drive socket # 16
- 12-point socket # 22
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Pin punch
- Hammer
- Tap wrench
- Crow bar
- Hydraulic transmission jack
- Wheel chock

BUY TOOLS

Replacement: front lower arm – Citroen C3 1. 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 – CITROEN C3 1. USE THE FOLLOWING PROCEDURE:

1

Secure the wheels with chocks.



2

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

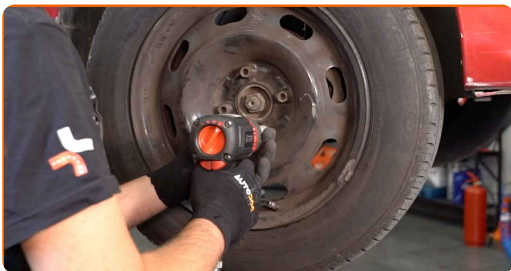


3

Raise the front of the car and secure on supports.



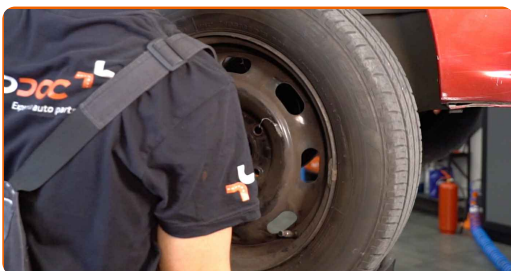
4 Unscrew the wheel bolts.



Replacement: front lower arm – Citroen C3 1. AUTODOC experts recommend:

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

5 Remove the wheel.



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



Replacement: front lower arm – Citroen C3 1. Tip from AUTODOC:

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

7 Unscrew the ball joint fastening to the steering knuckle. Use a drive socket #16. Use a combination spanner #14.



8 Remove the fastening bolt.



9 Prop up the steering knuckle. Use a hydraulic transmission jack.



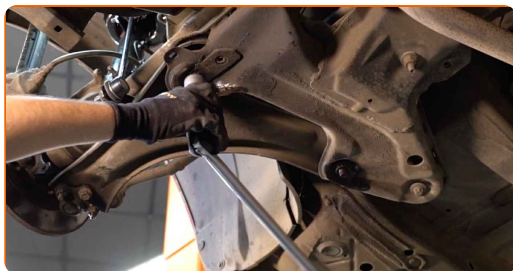
10 Disconnect the lower arm from the steering knuckle. Use a crowbar.



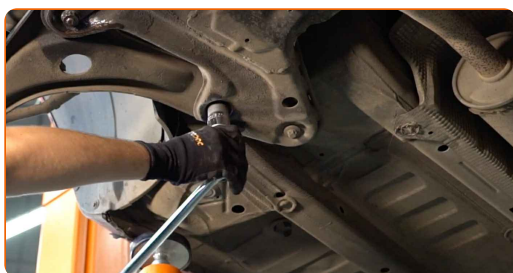
11 Clean all joints of the arm. Use a wire brush. Use WD-40 spray.



12 Unscrew the front arm fastener. Use 12-point socket No.22. Use a tap wrench.



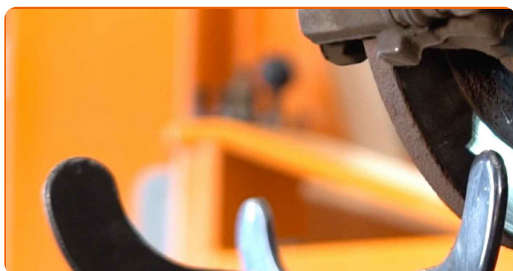
13 Unscrew the rear fastener connecting the control arm to the subframe. Use 12-point socket No.22. Use a tap wrench.



14 Remove the fastening bolts. Use a pin punch. Use a hammer.



15 Remove the support from under the steering knuckle.



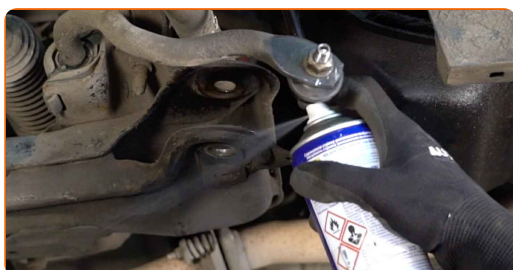
AUTODOC recommends:

- Replacement: front lower arm – Citroen C3 1. Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

16 Remove the arm. Use a crowbar.

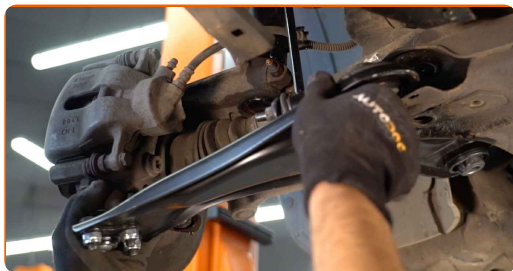


17 Clean the mounting seats and the thread of the suspension arm. Use a wire brush.



18

Install a new arm. Use a crowbar.



Replacement: front lower arm – Citroen C3 1. Tip:

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

19

Install the fastening bolts. Use a crowbar.

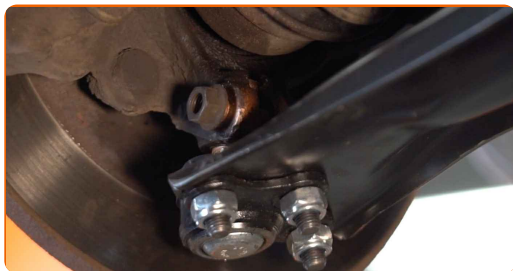


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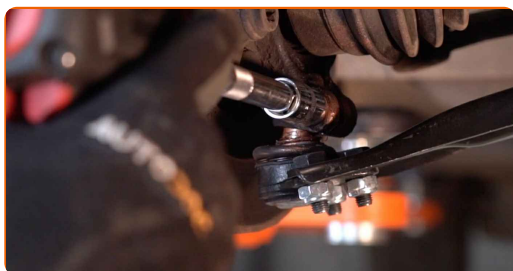
Connect the lower arm to the steering knuckle.



21 Install the fastening bolt. Use a hammer.



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



23 Screw the rear arm fastener. Use 12-point socket No.22.



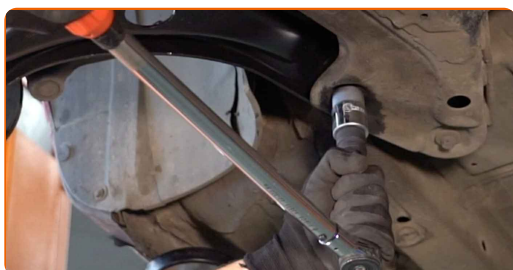
24 Screw the front arm fastener. Use 12-point socket No.22.



- 25** Tighten the front fastener connecting the control arm to the subframe. Use 12-point socket No.22. Use a torque wrench. Tighten it to 126 Nm torque.



- 26** Tighten the rear fastener of the control arm. Use 12-point socket No.22. Use a torque wrench. Tighten it to 126 Nm torque.



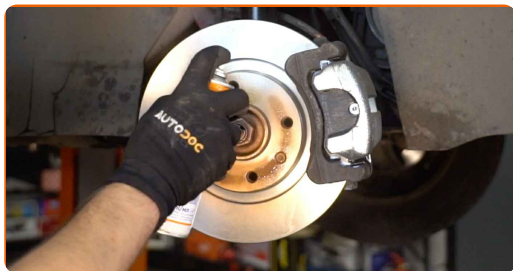
- 27** Tighten the ball joint fastener. Use a combination spanner #14. Use a drive socket #16. Use a torque wrench. Tighten it to 44 Nm torque.



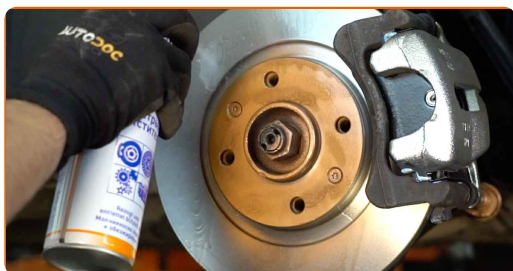
- 28** Treat all joints of the arm. Use copper grease.



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



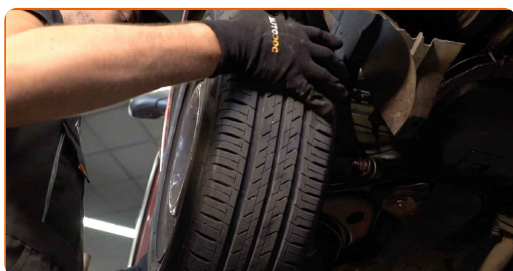
30 Clean the brake disk surface. Use a brake cleaner.



AUTODOC recommends:

- Replacement: front lower arm – Citroen C3 1. After applying the spray, wait a few minutes.

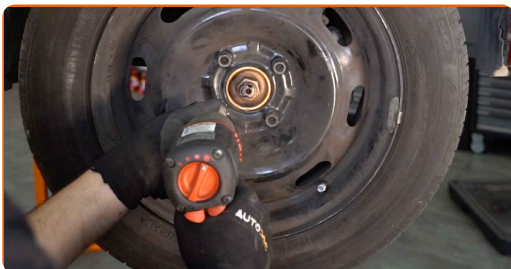
31 Install the wheel.



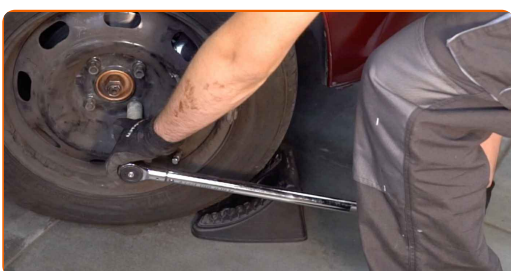
Replacement: front lower arm – Citroen C3 1. Tip from AUTODOC experts:

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

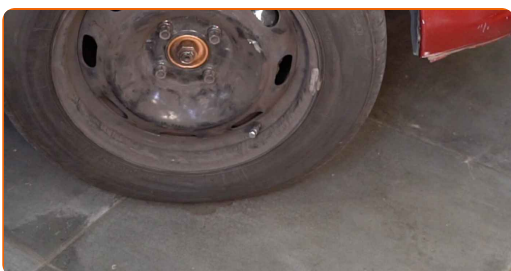
32 Screw in the wheel bolts. Use wheel impact socket #17.



33 Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 90 Nm torque.



34 Remove the jacks and chocks.



WELL DONE! 

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