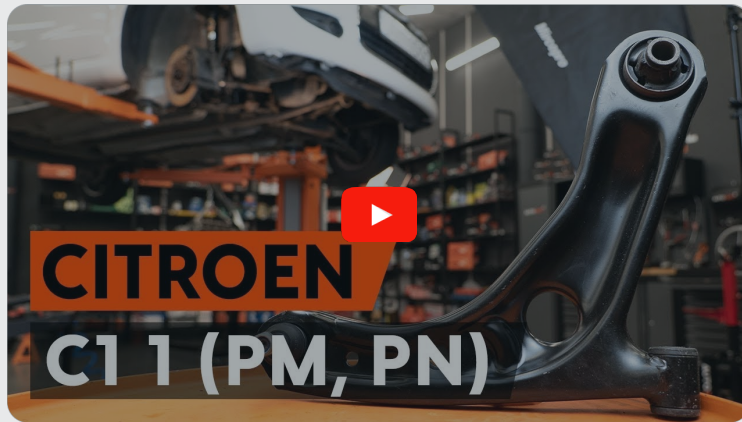




How to change front
lower arm on **Citroen C1 1**
PM PN – replacement
guide

VIDEO TUTORIAL



i Important!

This replacement procedure can be used for:
CITROËN C1 (PM_, PN_) 1.4 HDi, CITROËN C5 Estate Van (DE_, RE_) 2.0 HDi,
CITROËN C5 Estate Van (DE_, RE_) 2.2 HDi

The steps may slightly vary depending on the car design.

REPLACEMENT: FRONT LOWER ARM – CITROEN C1 1 PM PN. TOOLS YOU MIGHT NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #12
- Combination spanner #17
- Combination spanner #18
- Drive socket # 12
- Drive socket # 17
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Tap wrench
- Round-nose pliers
- Ball joint puller
- Crow bar
- Hydraulic transmission jack
- Wheel chock

BUY TOOLS

Replacement: front lower arm – Citroen C1 1 PM PN. 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 C1 1 PM PN. USE THE FOLLOWING PROCEDURE:

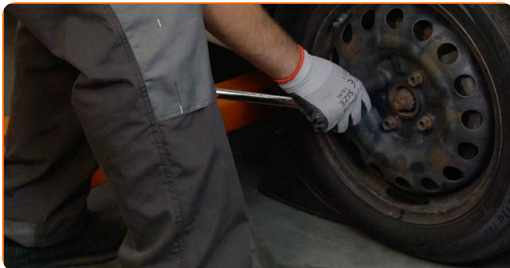
1

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.

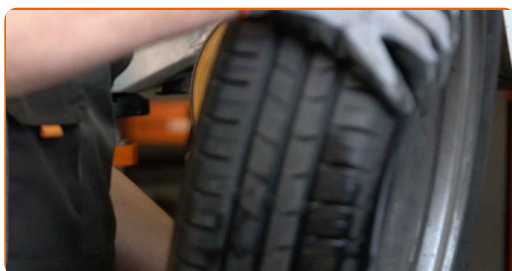


AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.
Citroen C1 1 PM PN

5

Remove the wheel.

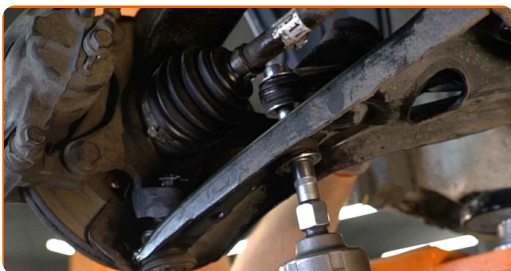


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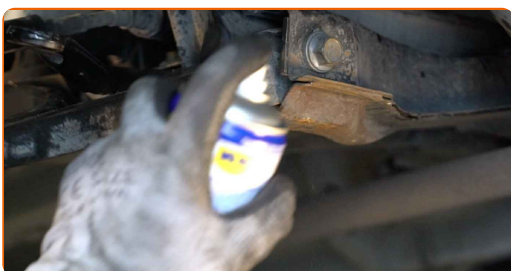
Clean the stabiliser link fasteners. Use a wire brush. Use WD-40 spray.



- 7 Unscrew the fastener connecting the stabilizer bar with the control arm. Use a combination spanner #12. Use a drive socket #12. Use a ratchet wrench.



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



Replacement: front lower arm – Citroen C1 1 PM PN. AUTODOC experts recommend:

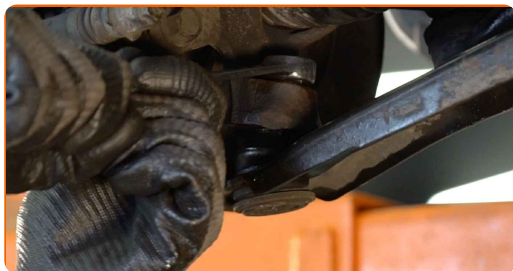
- After applying the spray, wait a few minutes.
- Wear protective goggles.

- 9 Remove the cotter pin. Use round-nose pliers.



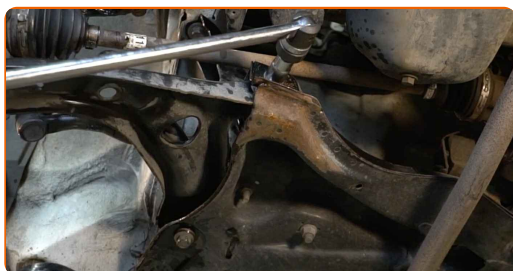
10

Unscrew the ball joint fastening to the steering knuckle. Use a combination spanner #17.



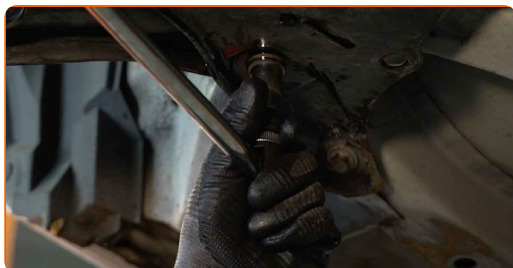
11

Unscrew the front arm fastener. Use a drive socket #17. Use a tap wrench.



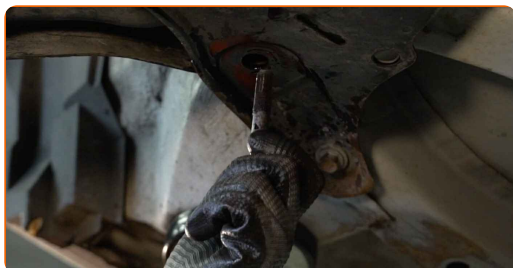
12

Unscrew the rear fastener connecting the control arm to the subframe. Use a drive socket #17. Use a tap wrench.

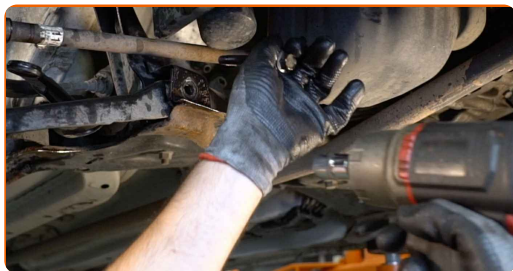


13

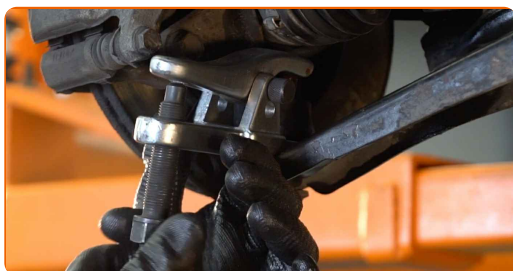
Remove the rear fastener of the control arm. Use a drive socket #17.



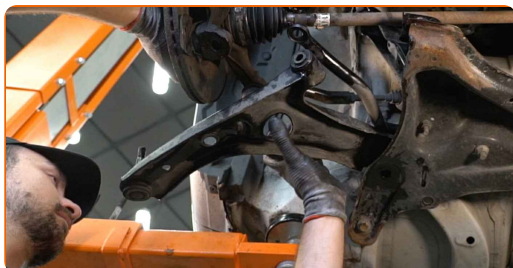
- 14** Remove the front fastener of the control arm. Use a drive socket #17.



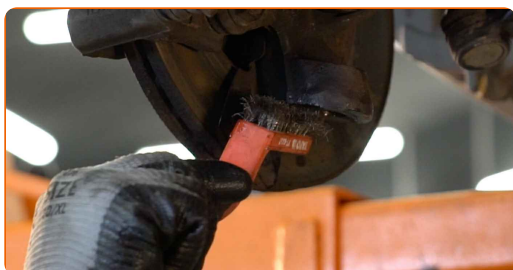
- 15** Disconnect the lower arm from the steering knuckle. Use a ball joint puller.



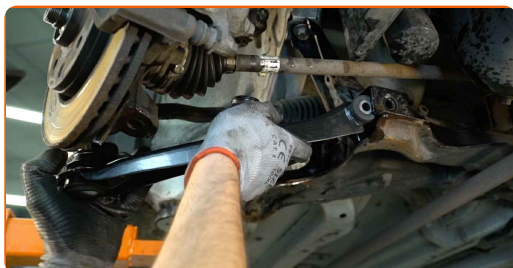
- 16** Remove the arm. Use a crowbar.



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



- 18** Install a new arm.

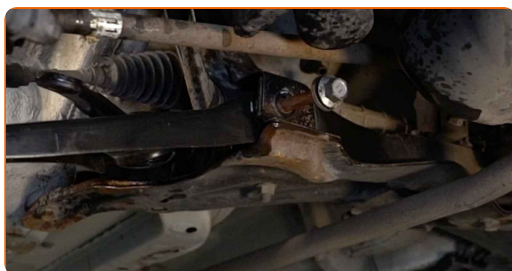


Replacement: front lower arm – Citroen C1 1 PM PN. Professionals recommend:

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

19

Install the control arm fasteners.



20

Connect the lower arm to the steering knuckle.



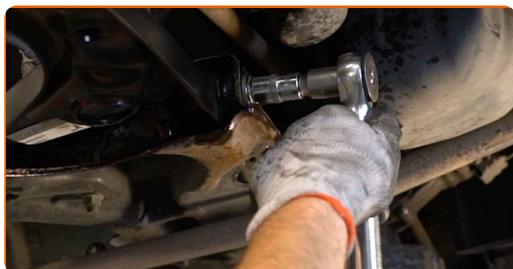
21

Support the arm. Use a hydraulic transmission jack.



22

Tighten the front fastener connecting the control arm to the subframe. Use a drive socket #17. Use a torque wrench. Tighten it to 110 Nm torque.



23

Tighten the rear fastener of the control arm. Use a drive socket #17. Use a torque wrench. Tighten it to 110 Nm torque.



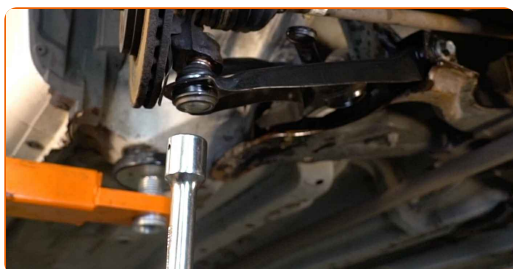
24

Tighten the ball joint fastener. Use a combination spanner #18. Use a torque wrench. Tighten it to 98 nm torque.



25

Remove the support from under the arm.

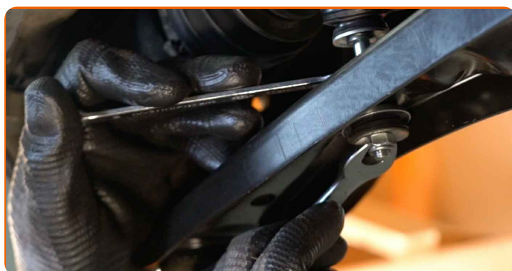


AUTODOC recommends:

- Replacement: front lower arm – Citroen C1 1 PM PN. Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

26

Screw in the fastener connecting the stabilizer bar to the control arm. Use a combination spanner #12. Use a drive socket #12. Use a ratchet wrench.



27

Tighten the fastener connecting the stabilizer bar with the control arm. Use a drive socket #12. Use a torque wrench. Tighten it to 18 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.



Replacement: front lower arm – Citroen C1 1 PM PN. Tip from AUTODOC:

- After applying the spray, wait a few minutes.

31

Install the wheel.



AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts. Citroen C1 1 PM PN

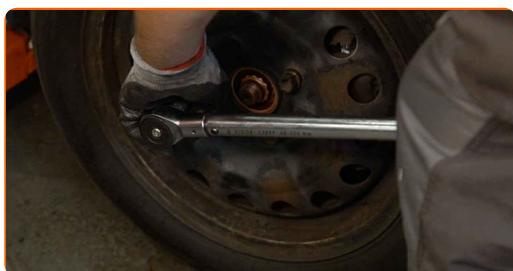
32

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



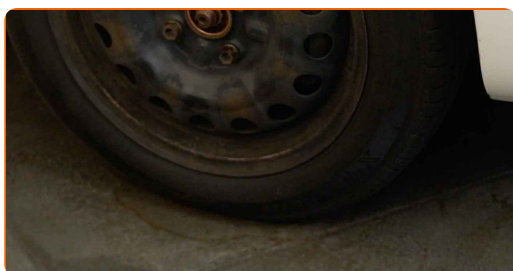
33

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 100 nm torque.



34

Remove the jacks and chocks.



WELL DONE! 

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