



How to change front
lower arm on **CITROËN**
BERLINGO Box (B9) –
replacement guide

SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

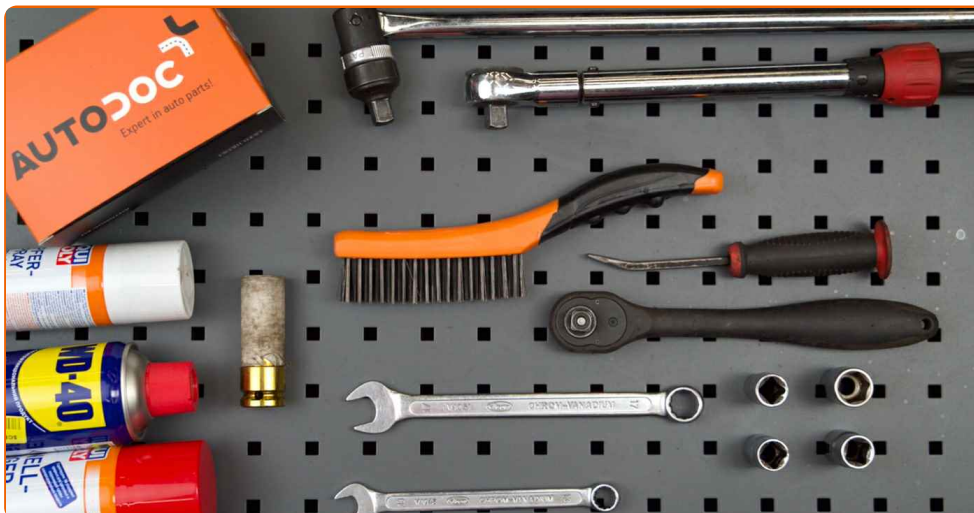
Important!

This replacement procedure can be used for:
CITROËN BERLINGO Box (B9) 1.6

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: CITROËN XSARA PICASSO (N68) 2.0 HDi

REPLACEMENT: FRONT LOWER ARM – CITROËN BERLINGO BOX (B9). TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #13
- Combination spanner #17
- Drive socket # 13
- Drive socket # 16
- Drive socket # 17
- Drive socket # 18
- Wheel impact socket #19
- Ratchet wrench
- Torque wrench
- Crow bar
- Tap wrench
- Hydraulic transmission jack
- Wheel chock

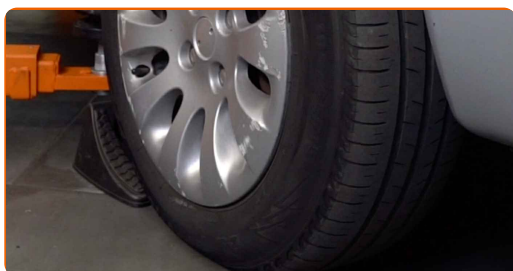
Buy tools

Replacement: front lower arm – CITROËN BERLINGO Box (B9). Professionals 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 – CITROËN BERLINGO BOX (B9). RECOMMENDED SEQUENCE OF STEPS:

1 Secure the wheels with chocks.



2 Loosen the wheel mounting bolts. Use wheel impact socket #19.



3 Raise the front of the car and secure on supports.

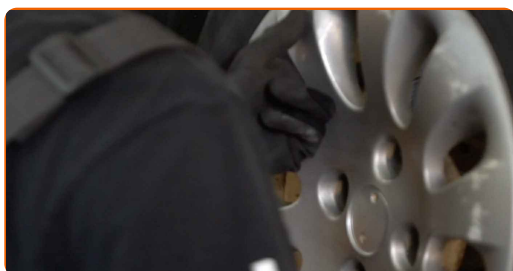
4 Unscrew the wheel bolts.



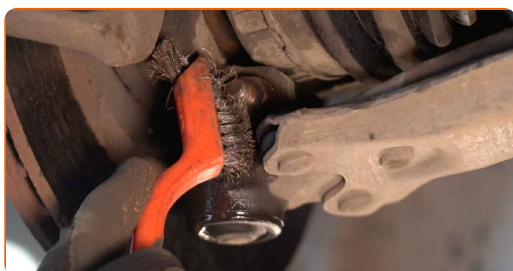
AUTODOC recommends:

- Important! Hold the wheel while unscrewing the fastening bolts. CITROËN BERLINGO Box (B9)

5 Remove the wheel.



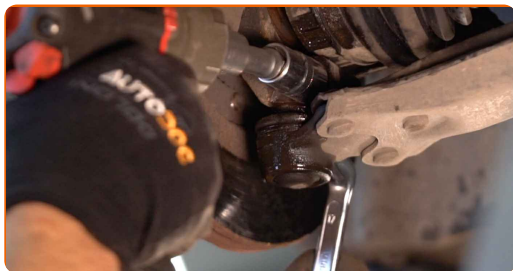
6 Clean all joints of the arm. Use a wire brush. Use WD-40 spray.



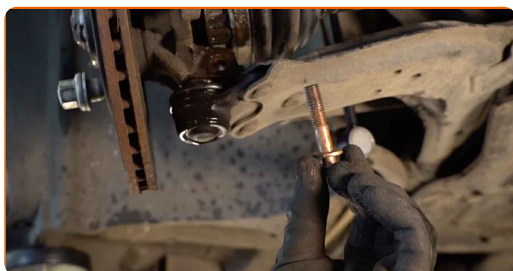
Replacement: front lower arm – CITROËN BERLINGO Box (B9). AUTODOC recommends:

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

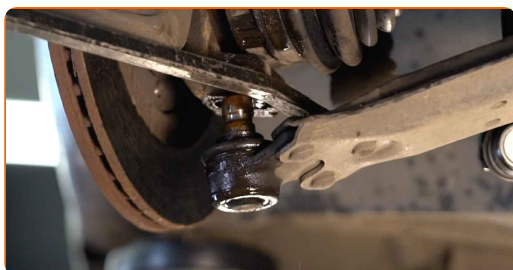
7 Unscrew the ball joint fastening to the steering knuckle. Use a drive socket #17. Use a combination spanner #17.



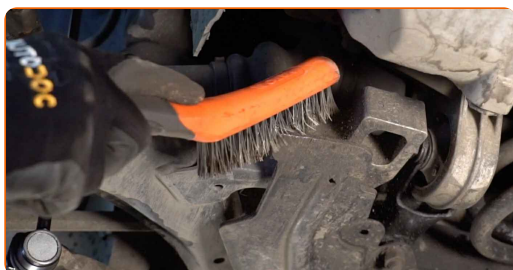
8 Remove the fastening bolt.



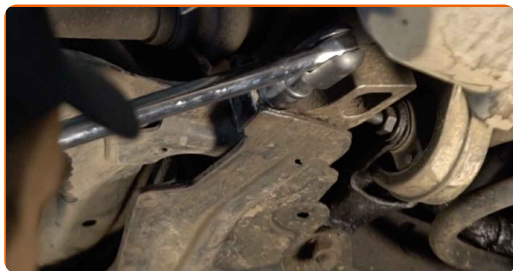
9 Disconnect the lower arm from the steering knuckle. Use a crowbar.



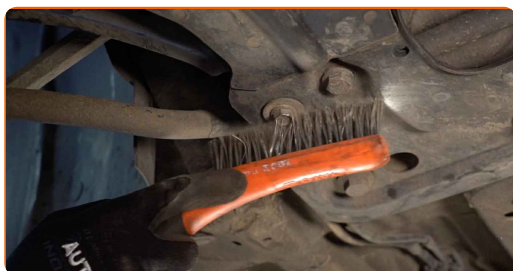
10 Clean all joints of the arm. Use a wire brush. Use WD-40 spray.



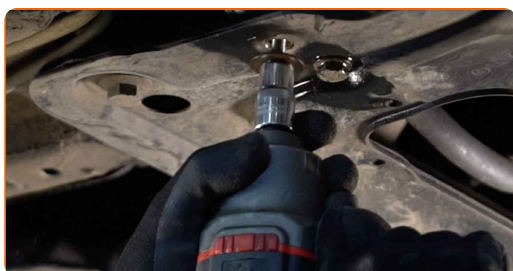
11 Unscrew the front arm fastener. Use a drive socket #18. Use a tap wrench.



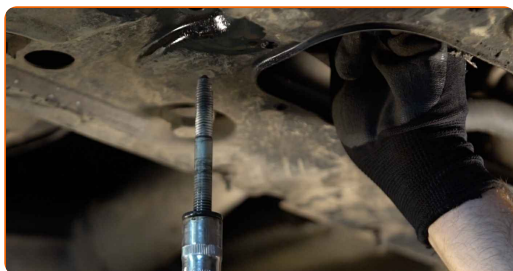
12 Clean all joints of the arm. Use a wire brush. Use WD-40 spray.



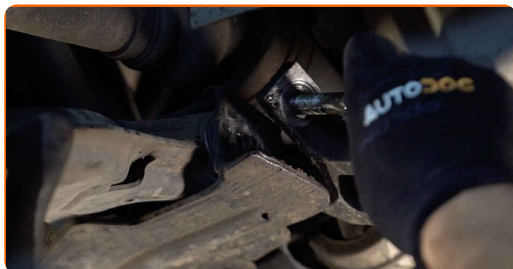
13 Unscrew the rear fastener connecting the control arm to the subframe. Use a drive socket #13. Use a drive socket #16. Use a tap wrench.



14 Remove the rear fastener of the control arm.



15 Remove the front fastener of the control arm.



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. Use a crowbar.

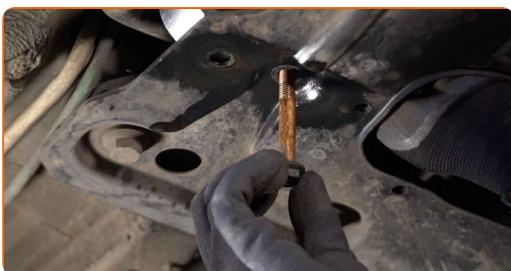


Replacement: front lower arm – CITROËN BERLINGO Box (B9). Tip from AUTODOC:

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

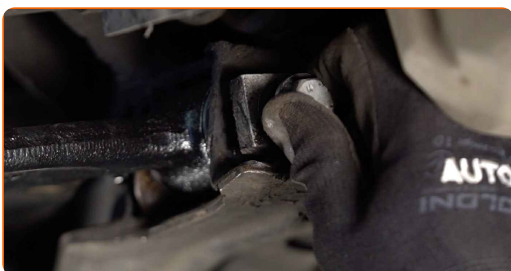
19

Install the rear fastener of the arm.



20

Install the front fastener of the arm.



21

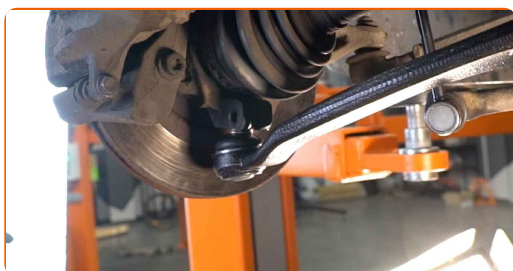
Screw the rear arm fastener. Use a combination spanner #13. Use a drive socket #16. Use a ratchet wrench.



- 22 Tighten the rear fastener of the control arm. Use a drive socket #16. Use a torque wrench. Tighten it to 40 Nm torque.



- 23 Connect the lower arm to the steering knuckle.



- 24 Install the fastening bolt.



- 25 Screw the fasteners of the ball joint. Use a drive socket #17. Use a ratchet wrench.

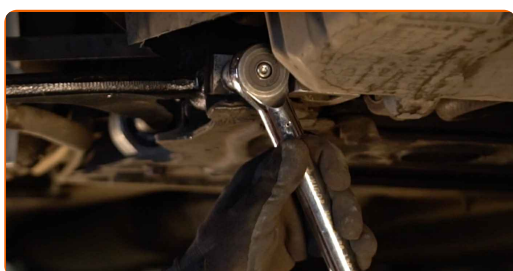
- 26 Tighten the ball joint fastener. Use a combination spanner #17. Use a drive socket #17. Use a torque wrench. Tighten it to 44 Nm torque.



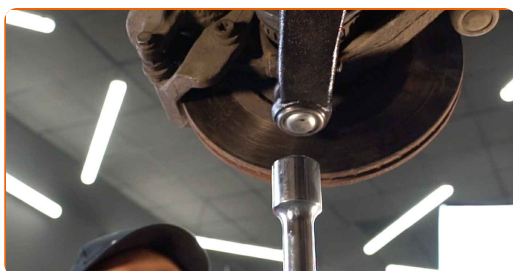
27 Support the arm. Use a hydraulic transmission jack.



28 Tighten the front fastener connecting the control arm to the subframe. Use a drive socket #18. Use a torque wrench. Tighten it to 74 nm torque.



29 Remove the support from under the arm.



AUTODOC recommends:

- Replacement: front lower arm – CITROËN BERLINGO Box (B9). Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

30 Treat all joints of the arm. Use copper grease.



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



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



Replacement: front lower arm – CITROËN BERLINGO Box (B9). AUTODOC experts recommend:

- After applying the spray, wait a few minutes.

33 Install the wheel.

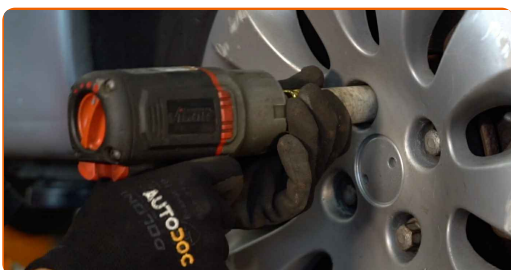


AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. CITROËN BERLINGO Box (B9)

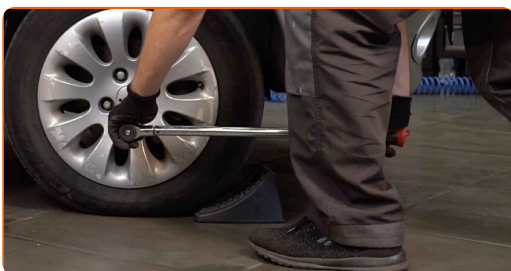
34

Screw in the wheel bolts. Use wheel impact socket #19.



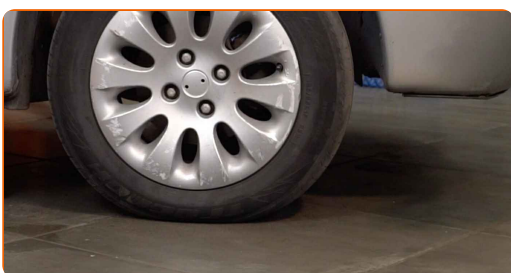
35

Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 100 Nm torque.



36

Remove the jacks and chocks.



WELL DONE! 

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