



How to change front  
lower arm on **CITROËN**  
**Berlingo / Berlingo First**  
**(MF, GJK, GFK) –**  
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:

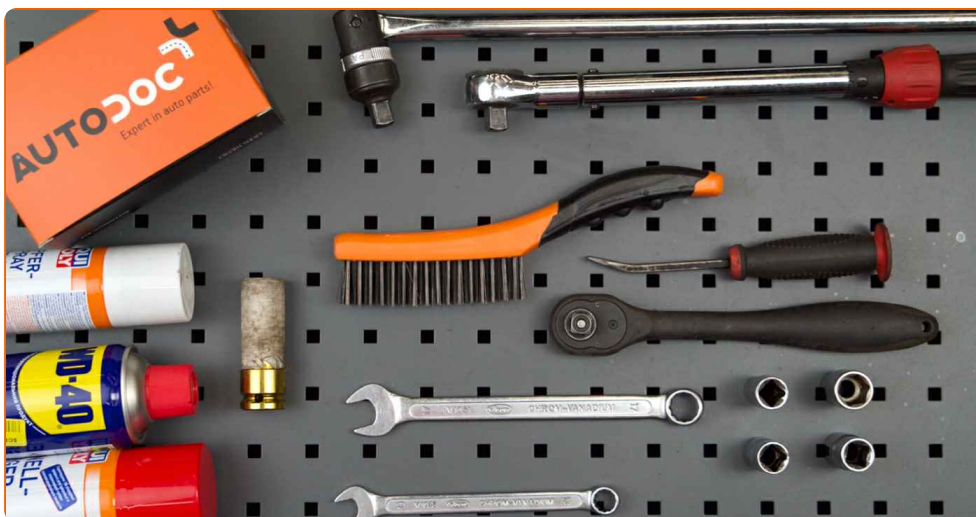
CITROËN Berlingo / Berlingo First (MF, GJK, GFK) 1.4 i, CITROËN Berlingo / Berlingo First (MF, GJK, GFK) 1.9 D, CITROËN Berlingo / Berlingo First (MF, GJK, GFK) 1.1 i, CITROËN Berlingo / Berlingo First (MF, GJK, GFK) 1.8 i, CITROËN Berlingo / Berlingo First (MF, GJK, GFK) 2.0 HDI 90, CITROËN Berlingo / Berlingo First (MF, GJK, GFK) 1.8 D, CITROËN Berlingo / Berlingo First (MF, GJK, GFK) 1.8 i 4WD, CITROËN Berlingo / Berlingo First (MF, GJK, GFK) 1.9 D 4WD, CITROËN Berlingo / Berlingo First (MF, GJK, GFK) électrique, CITROËN Berlingo / Berlingo First (MF, GJK, GFK) 1.6 16V, CITROËN Berlingo / Berlingo First (MF, GJK, GFK) 1.4 i bivalent, CITROËN Berlingo / Berlingo First (MF, GJK, GFK) 1.4 bivalent, CITROËN Berlingo / Berlingo First (MF, GJK, GFK) 1.6 HDI 75, CITROËN Berlingo / Berlingo First (MF, GJK, GFK) 1.6 HDI 90, CITROËN Berlingo / Berlingo First (MF, GJK, GFK) 2.0 HDi 4x4, (+ 2)

The steps may slightly vary depending on the car design.

Please note that this tutorial was created based on the replacement procedure for this car part on a car with a similar 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 / BERLINGO FIRST (MF, GJK, GFK). 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 / Berlingo First (MF, GJK, GFK). 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 / BERLINGO FIRST (MF, GJK, GFK). RECOMMENDED SEQUENCE OF STEPS:

1

Secure the wheels with chocks.



2

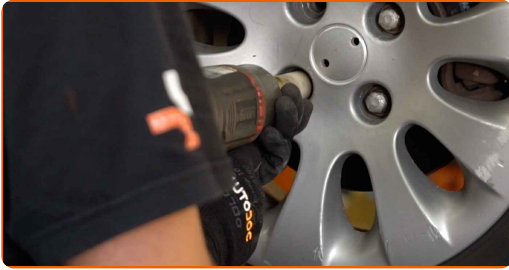
Loosen the wheel mounting bolts. Use wheel impact socket #19.



3

Raise the front of the car and secure on supports.

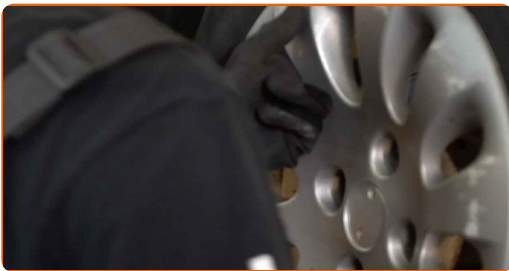
**4** Unscrew the wheel bolts.



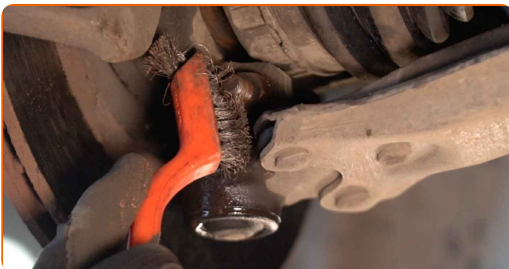
**AUTODOC recommends:**

- Important! Hold the wheel while unscrewing the fastening bolts. CITROËN Berlingo / Berlingo First (MF, GJK, GFK)

**5** Remove the wheel.



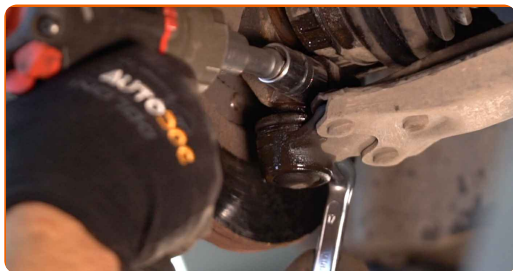
**6** Clean all joints of the arm. Use a wire brush. Use WD-40 spray.



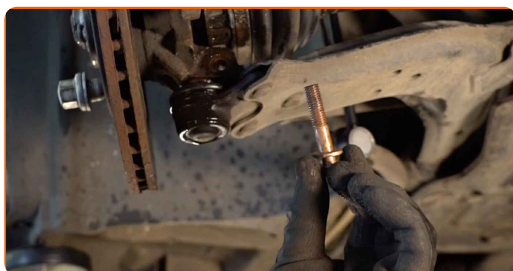
**Replacement: front lower arm – CITROËN Berlingo / Berlingo First (MF, GJK, GFK). AUTODOC recommends:**

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

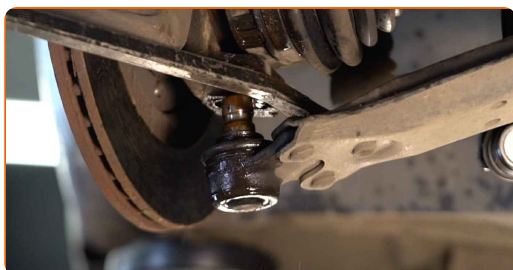
**7** Unscrew the ball joint fastening to the steering knuckle. Use a drive socket #17. Use a combination spanner #17.



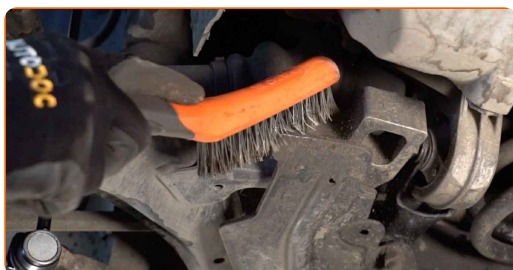
**8** Remove the fastening bolt.



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



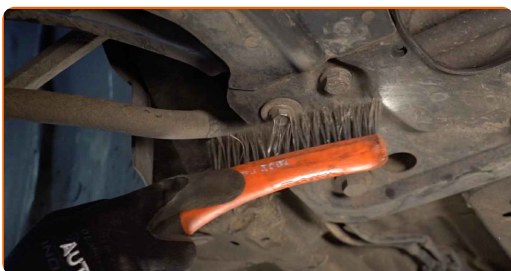
**10** Clean all joints of the arm. Use a wire brush. Use WD-40 spray.



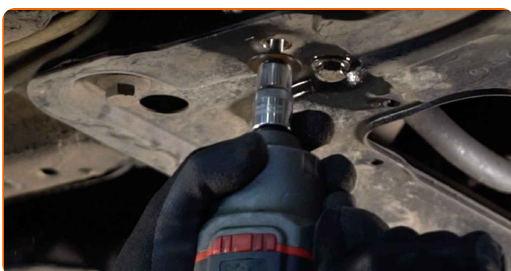
**11** Unscrew the front arm fastener. Use a drive socket #18. Use a tap wrench.



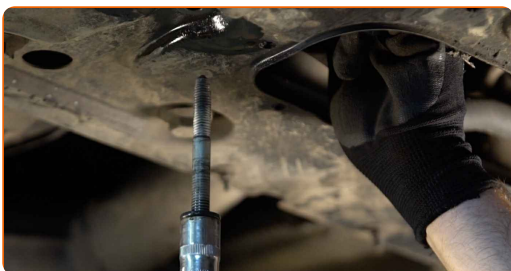
**12** Clean all joints of the arm. Use a wire brush. Use WD-40 spray.



**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.



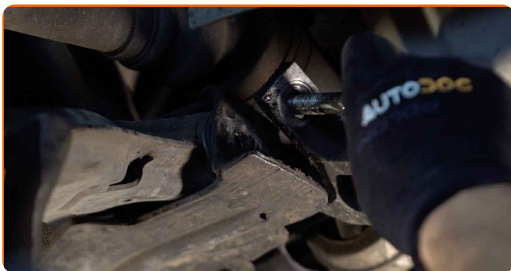
**14** Remove the rear fastener of the control arm.



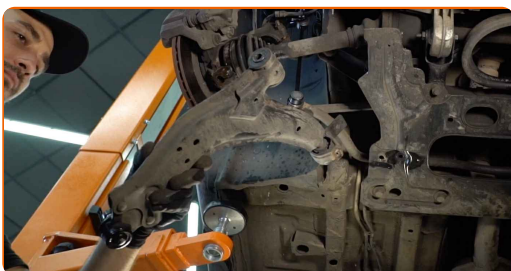


**15**

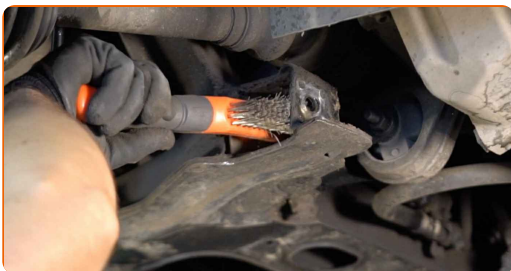
Remove the front fastener of the control arm.

**16**

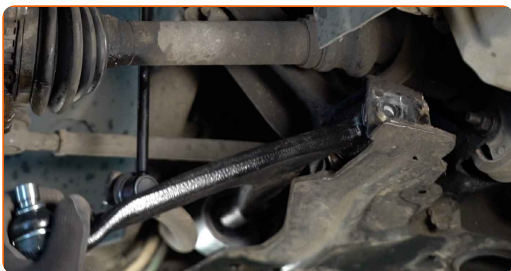
Remove the arm. Use a crowbar.

**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.

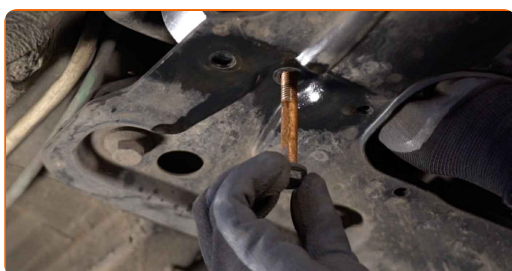


Replacement: front lower arm – CITROËN Berlingo / Berlingo First (MF, GJK, GFK). Tip from AUTODOC:

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

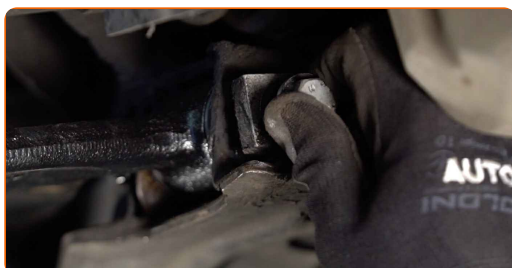
19

Install the rear fastener of the arm.



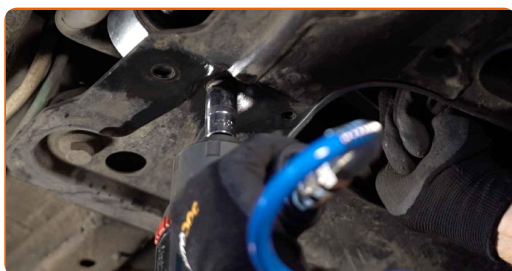
20

Install the front fastener of the arm.

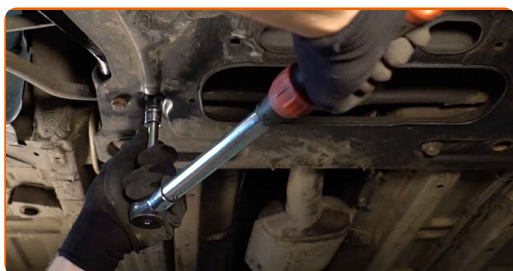


21

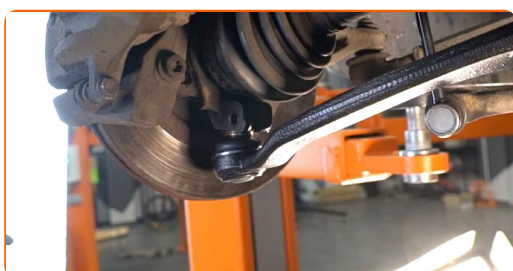
Screw the rear arm fastener. Use a combination spanner #13. Use a drive socket #16. Use a ratchet wrench.



- 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.

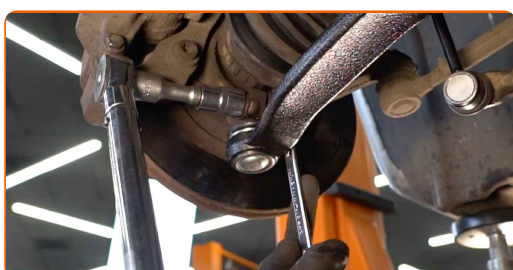


- 24 Install the fastening bolt.



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

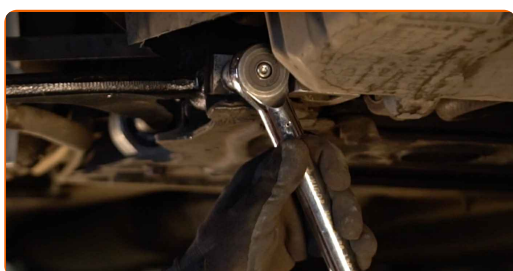
- 26 Tighten the ball joint fastener. Use a combination spanner #17. Use a drive socket #17. Use a torque wrench. Tighten it to 44 Nm torque.



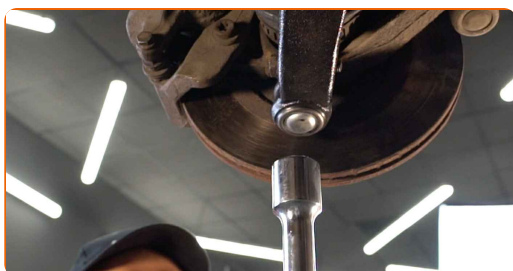
**27** Support the arm. Use a hydraulic transmission jack.



**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.



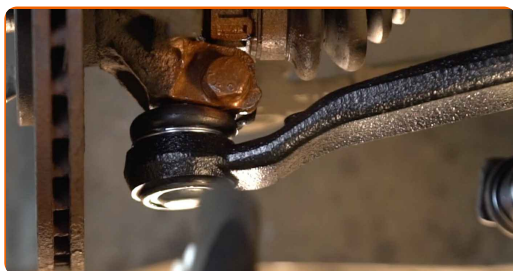
**29** Remove the support from under the arm.



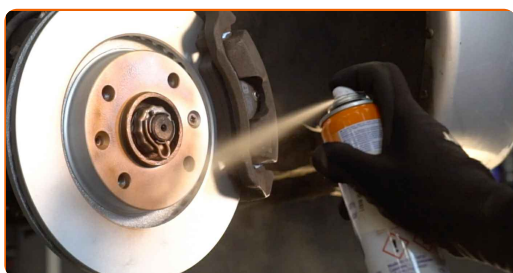
**AUTODOC recommends:**

- Replacement: front lower arm – CITROËN Berlingo / Berlingo First (MF, GJK, GFK). Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

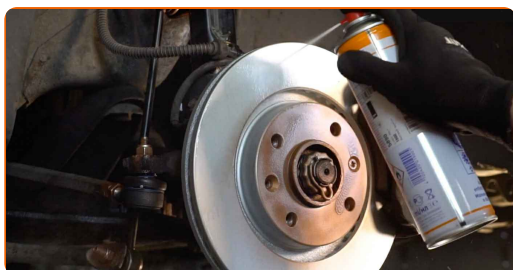
**30** Treat all joints of the arm. Use copper grease.



**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 / Berlingo First (MF, GJK, GFK). AUTODOC experts recommend:

- After applying the spray, wait a few minutes.

**33** Install the wheel.

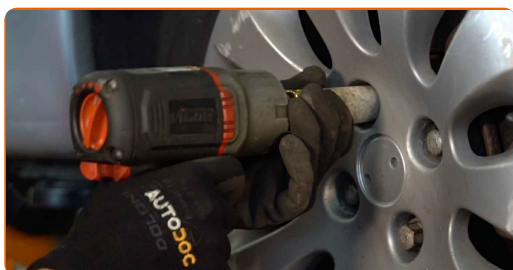


**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. CITROËN Berlingo / Berlingo First (MF, GJK, GFK)

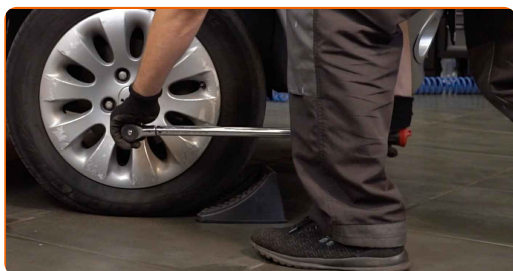
**34**

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



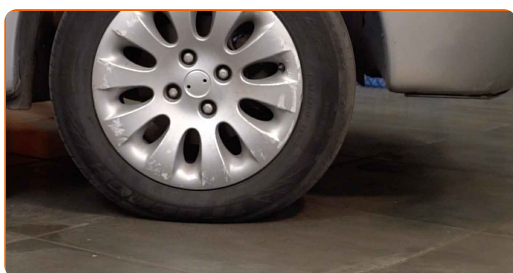
**35**

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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