



How to change front
lower arm on **Fiat Doblo
Cargo** – replacement
guide

VIDEO TUTORIAL



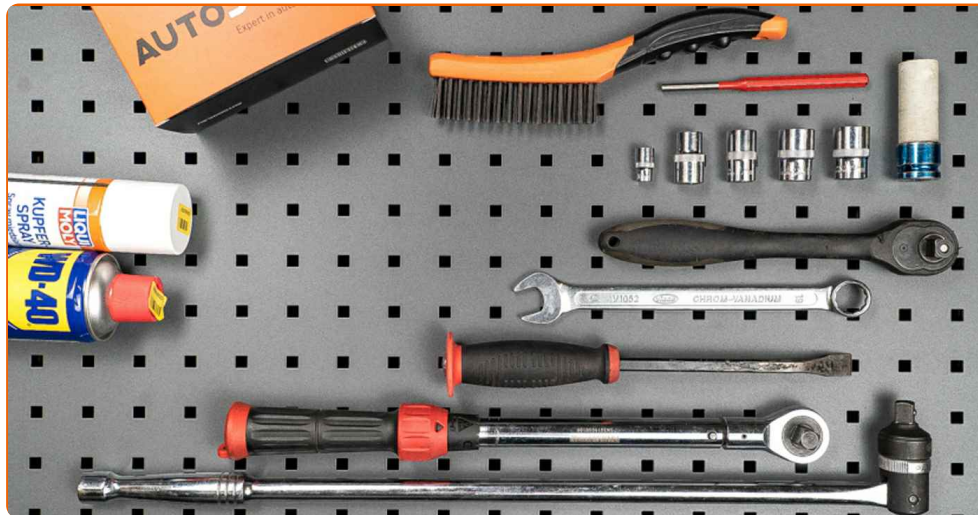
i Important!

This replacement procedure can be used for:

FIAT Doblo I Estate (119, 223) 1.2, FIAT Doblo I Estate (119, 223) 1.9 D, FIAT Doblo I Cargo (223) 1.2, FIAT Doblo I Cargo (223) 1.9 D, FIAT Doblo I Estate (119, 223) 1.9 JTD, FIAT Doblo I Estate (119, 223) 1.6 16V, FIAT Doblo I Cargo (223) 1.6 16V, FIAT Doblo I Cargo (223) 1.9 JTD, FIAT Doblo I Cargo (223) 1.3 JTD 16V, FIAT Doblo I Estate (119, 223) 1.9 D Multijet, FIAT Doblo I Estate (119, 223) 1.6 Natural Power, FIAT Doblo I Cargo (223) 1.4, FIAT Doblo I Cargo (223) 1.6 Natural Power, FIAT Doblo I Cargo (223) 1.6 Natural Power (223WXD1A)

The steps may slightly vary depending on the car design.

REPLACEMENT: FRONT LOWER ARM – FIAT DOBLO
CARGO. TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Copper grease
- Combination spanner #19
- Drive socket # 10
- Drive socket # 13
- Drive socket # 15
- Drive socket # 18
- Drive socket # 19
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Pin punch
- Tap wrench
- Crow bar
- Hydraulic transmission jack
- Wheel chock

BUY TOOLS

Replacement: front lower arm – Fiat Doblo Cargo. Tip from AUTODOC:

- The replacement procedure is identical for the left and right lower control arms.
- Warning! Shut down the engine before starting any work – Fiat Doblo Cargo.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

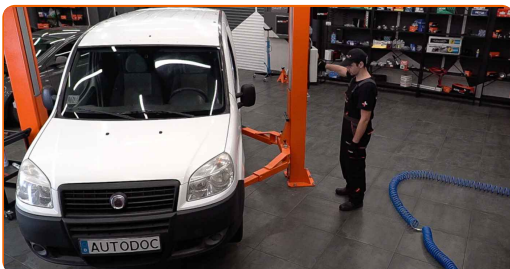
1 Secure the wheels with chocks.



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.

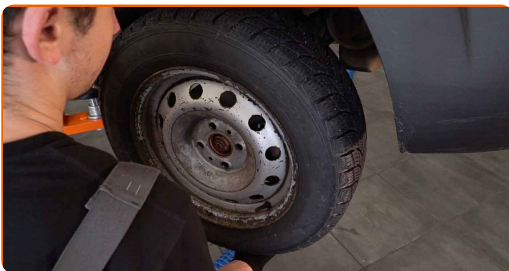


Replacement: front lower arm – Fiat Doblo Cargo. AUTODOC recommends:

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

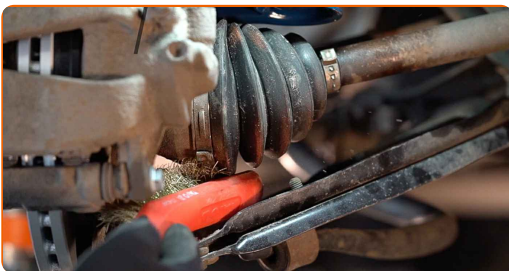
5

Remove the wheel.



6

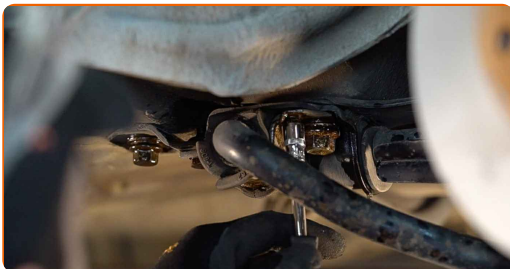
Clean all joints of the arm. Use a wire brush. Treat all joints of the arm. Use WD-40 spray.



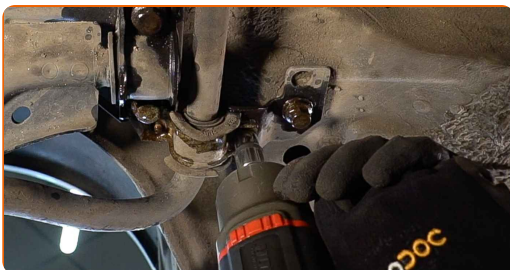
AUTODOC recommends:

- Replacement: front lower arm – Fiat Doblo Cargo. After applying the spray, wait a few minutes.
- Wear protective goggles.
- Wear a respirator.

7 Unscrew the fastener of the bracket that connects the control arm to the stabilizer bar. Use a drive socket #10.



8 Unscrew the fastening bolts of the bracket that connects the stabilizer bar to the car body. Use a drive socket #13.



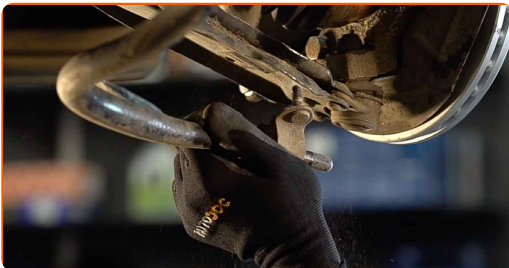
9 Unscrew the fastening bolts of the bracket that connects the stabilizer bar to the rear side of the control arm. Use a drive socket #18. Use a tap wrench.



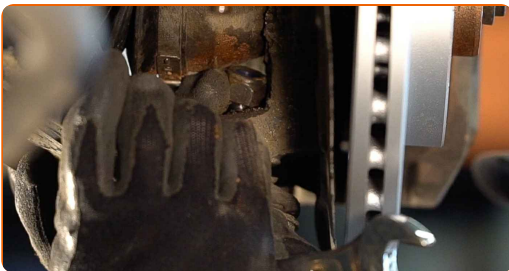
- 10** Unscrew the fastening bolts of the bracket that connects the stabilizer bar to the front side of the control arm. Use a drive socket #13. Use a ratchet wrench.



- 11** Disconnect the stabilizer bar from the control arm. Use a crowbar.

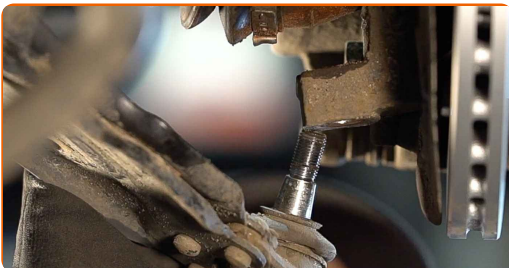


- 12** Unscrew the ball joint fastening to the steering knuckle. Use a combination spanner #19.

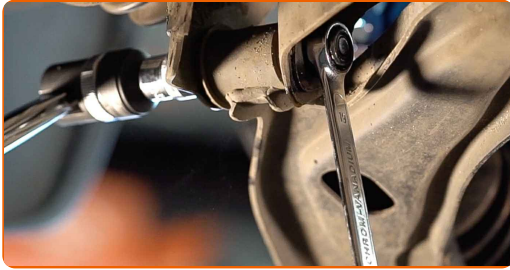


- 13** Remove the fastening nut.

- 14** Disconnect the lower arm from the steering knuckle.



15 Unscrew the front arm fastener. Use a combination spanner #19. Use a drive socket #19. Use a tap wrench.



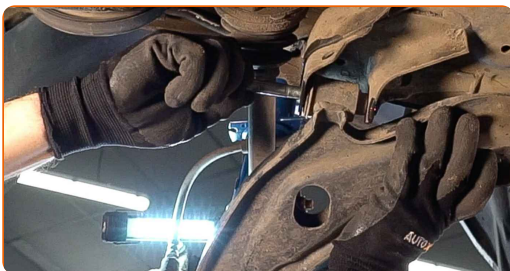
16 Unscrew the fastener of the bracket that connects the control arm to the car body. Use a drive socket #15.



17 Unscrew the rear arm fastener. Use a drive socket #18. Use a tap wrench.



18 Remove the front fastener of the control arm.



19

Remove the arm.



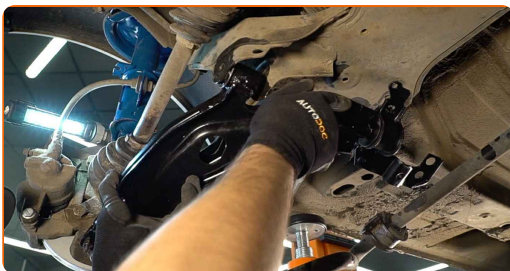
20

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



21

Install a new arm.

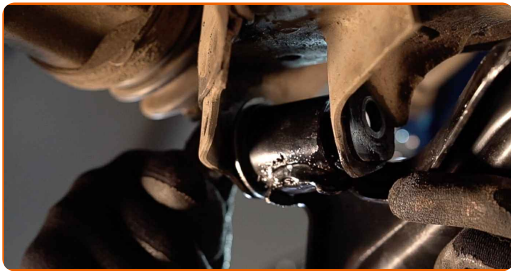


Replacement: front lower arm – Fiat Doblo Cargo. AUTODOC experts recommend:

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

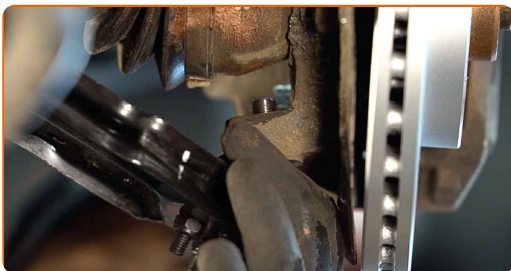
22

Install the front fastener of the arm. Do not tighten it.



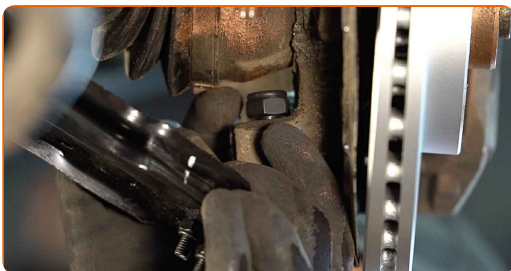
23

Connect the lower arm to the steering knuckle.



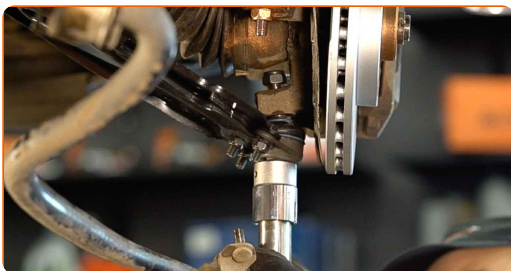
24

Install the fastening nut of the ball joint.



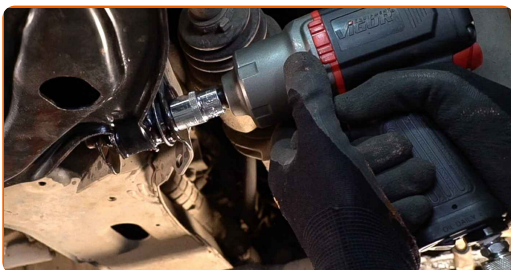
25

Support the arm. Use a hydraulic transmission jack.



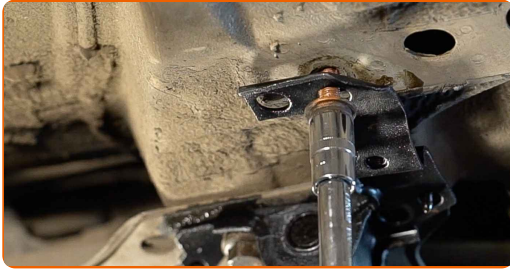
26

Screw the front arm fastener. Use a drive socket #19. Use a combination spanner #19.



27

Screw in the fastener of the bracket that connects the control arm to the car body. Use a drive socket #15.



28

Connect the stabilizer bar to the control arm.



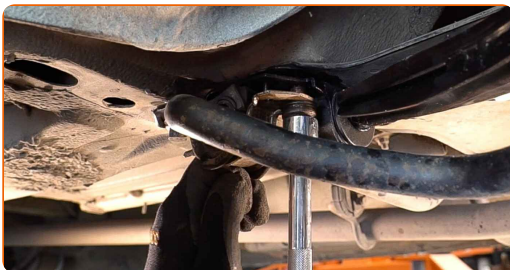
29

Screw in the fastening bolts of the bracket that connects the stabilizer bar to the front side of the control arm. Use a drive socket #13. Use a ratchet wrench.

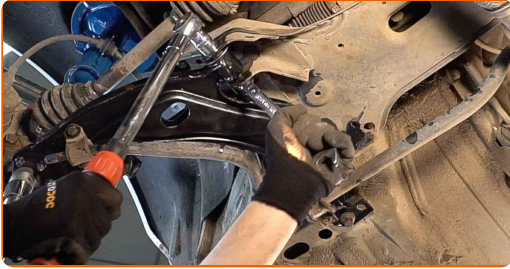


30

Screw in the fastener of the bracket that connects the stabilizer bar to the rear side of the control arm. Use a drive socket #18.



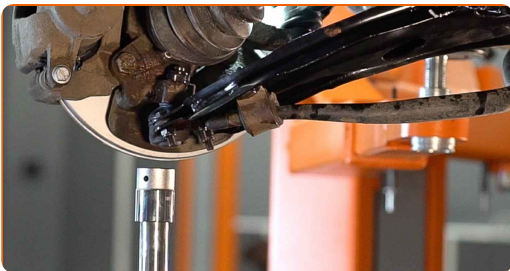
- 31** Tighten the front fastener connecting the control arm to the subframe. Use a drive socket #19. Use a combination spanner #19. Use a torque wrench. Tighten it to 125 nm torque.



- 32** Tighten the ball joint fastener. Use a combination spanner #19. Use a torque wrench. Tighten it to 60 nm torque.



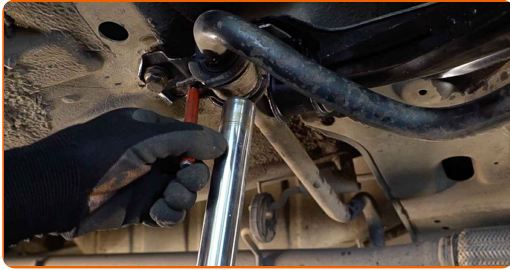
- 33** Remove the support from under the arm.



AUTODOC recommends:

- Replacement: front lower arm – Fiat Doblo Cargo. Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

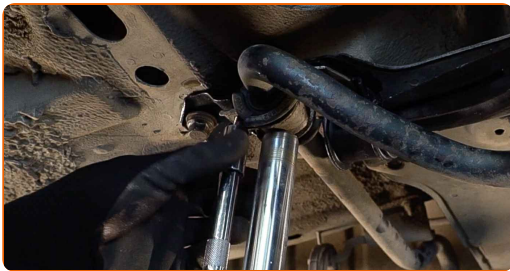
34 Support the stabilizer bar. Use a hydraulic transmission jack.



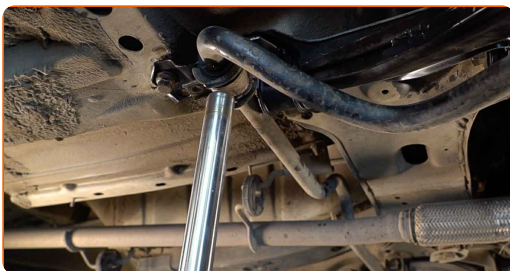
35 Align the fastener holes of the stabilizer link and the suspension control arm. Use a pin punch.



36 Screw in the fastener of the bracket that connects the stabilizer bar to the car body. Use a drive socket #13.



37 Remove the transmission jack from under the stabilizer bar.



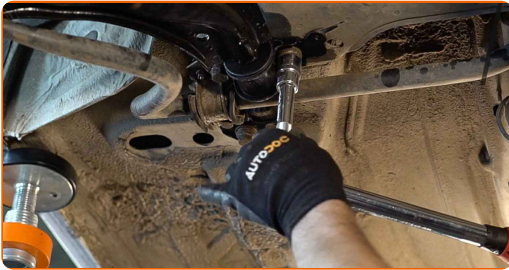
AUTODOC recommends:

- Fiat Doblo Cargo – Do not lower the transmission jack sharply to avoid damaging components and mechanisms of the car.

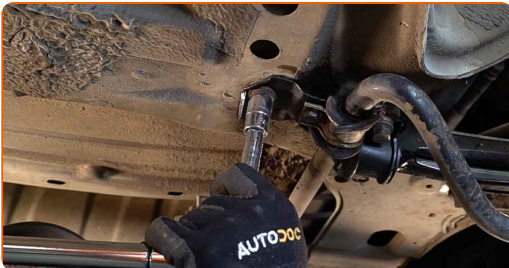
- 38** Screw in the fastener of the bracket that connects the control arm to the stabilizer bar. Use a drive socket #10. Use a ratchet wrench.



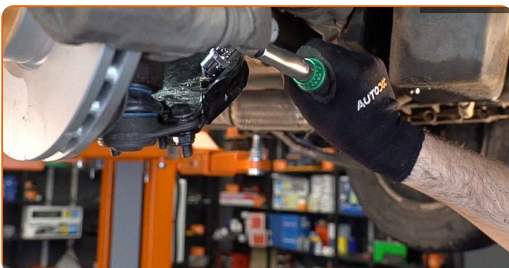
- 39** Tighten the rear fastener of the control arm. Use a drive socket #18. Use a torque wrench. Tighten it to 80 nm torque.



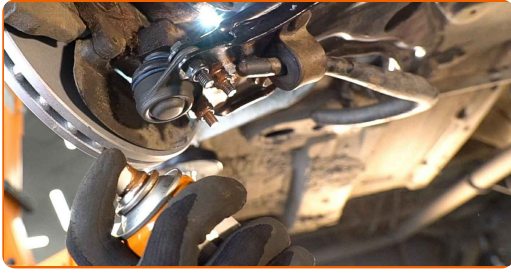
- 40** Tighten the fastener of the bracket that connects the control arm to the car body. Use a drive socket #15. Use a torque wrench. Tighten it to 50 nm torque.



- 41** Tighten the fasteners that connect the stabilizer bar to the suspension control arm. Use a drive socket #13. Use a torque wrench. Tighten it to 28 nm torque.



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



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



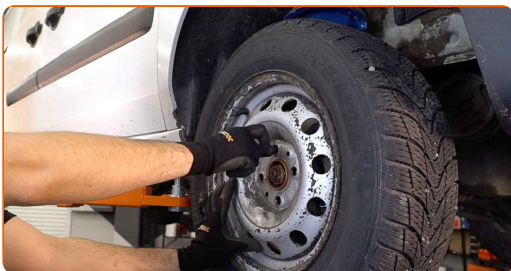
44 Install the wheel.



Replacement: front lower arm – Fiat Doblo Cargo. Professionals recommend:

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

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



- 46 Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 98 nm torque.



- 47 Remove the jacks and chocks.



WELL DONE! 👍

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