



How to change front
lower arm on **FIAT Linea**
(323, 110) – 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:

FIAT Linea (323, 110) 1.3 D Multijet, FIAT Linea (323, 110) 1.4, FIAT Linea (323, 110) 1.4 T-Jet, FIAT Linea (323, 110) 1.6 D Multijet

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: FIAT Grande Punto Hatchback (199) 1.3 D Multijet

REPLACEMENT: FRONT LOWER ARM – FIAT LINEA
(323, 110). TOOLS YOU MIGHT NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #16
- Combination spanner #18
- Drive socket # 16
- Drive socket # E18
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Flat chisel
- Hammer
- Tap wrench
- Hydraulic transmission jack
- Wheel chock

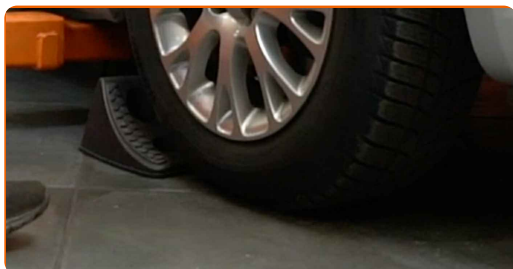
Buy tools

Replacement: front lower arm – FIAT Linea (323, 110). AUTODOC recommends:

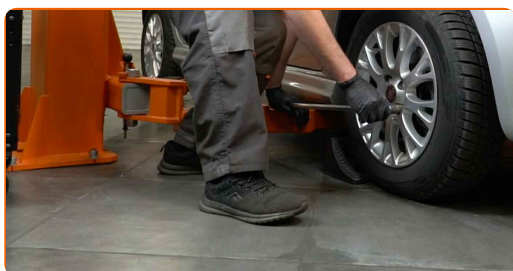
- The replacement procedure is identical for the left and right lower control arms.
- All work should be done with the engine stopped.

REPLACEMENT: FRONT LOWER ARM – FIAT LINEA (323, 110). TAKE THE FOLLOWING STEPS:

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.

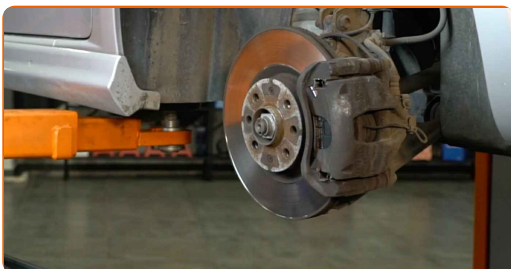


AUTODOC recommends:

- Important! Hold the wheel while unscrewing the fastening bolts. FIAT Linea (323, 110)

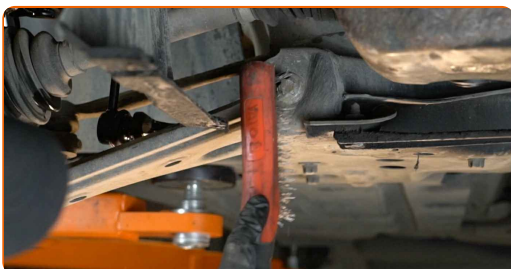
5

Remove the wheel.



6

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



Replacement: front lower arm – FIAT Linea (323, 110). Tip:

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

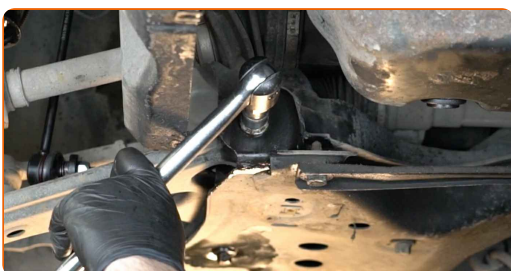
7 Unscrew the ball joint fastening to the steering knuckle. Use a combination spanner #16. Use a drive socket #16. Use a tap wrench.



8 Remove the fastening bolt.

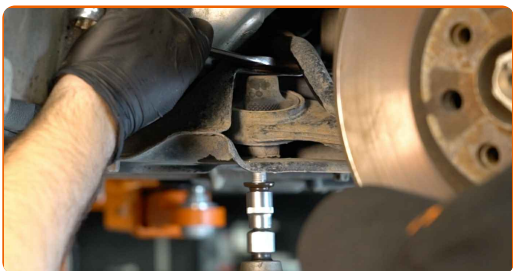


9 Unscrew the front arm fastener. Use a drive socket #E18. Use a tap wrench.



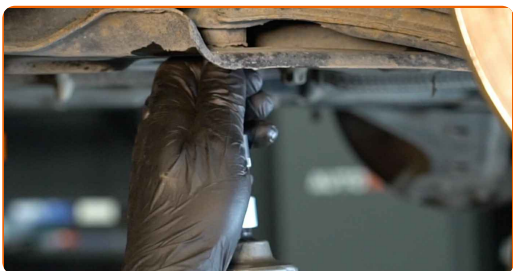
10

Unscrew the rear fastener connecting the control arm to the subframe. Use a combination spanner #18. Use a drive socket #E18. Use a tap wrench.



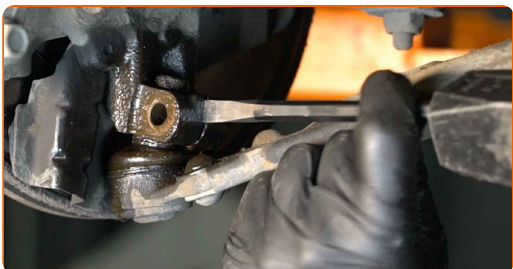
11

Remove the fastening bolts. Use a drive socket #E18. Use a ratchet wrench.



12

Release the fastener connecting the ball joint to the steering knuckle. Use a flat metal-working chisel. Use a hammer.



13

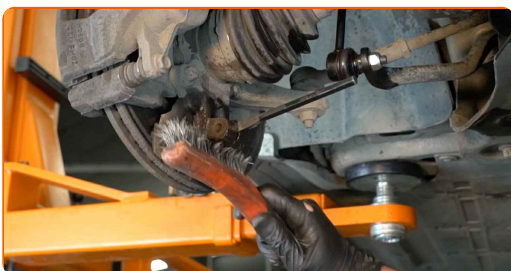
Disconnect the ball joint from the steering knuckle.



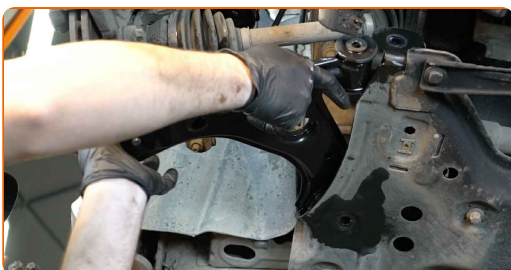
14 Remove the arm.



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



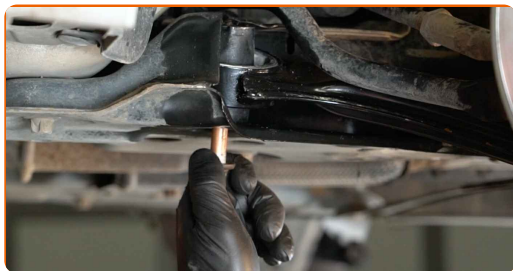
16 Install a new arm.



Replacement: front lower arm – FIAT Linea (323, 110). AUTODOC experts recommend:

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

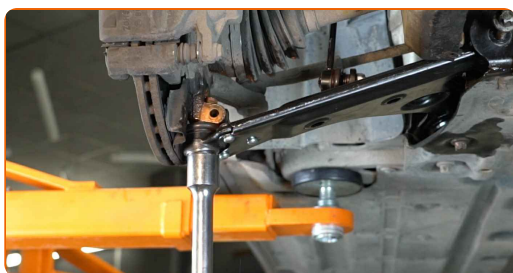
17 Install the fastening bolts. Use a combination spanner #18. Use a drive socket #E18. Use a tap wrench.



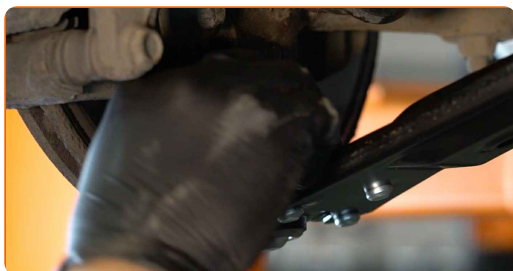
18 Screw the rear fastener connecting the control arm to the subframe. Use a combination spanner #18. Use a drive socket #E18. Use a ratchet wrench.



19 Support the arm. Use a hydraulic transmission jack.



20 Connect the ball joint to the steering knuckle.



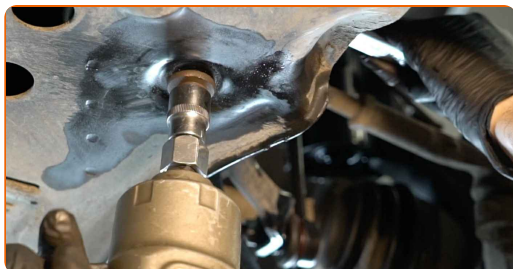
21 Install the fastening bolt.



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



23 Screw the rear fastener connecting the control arm to the subframe. Use a combination spanner #18. Use a drive socket #E18. Use a ratchet wrench.



24 Tighten the front fastener connecting the control arm to the subframe. Use a drive socket #E18. Use a torque wrench. Tighten it to 60 Nm torque. +90°



AUTODOC recommends:

- Important! Be sure to use new fasteners.

25

Tighten the rear fastener connecting the arm to the body subframe. Use a drive socket #E18. Use a torque wrench. Tighten it to 60 Nm torque. +90°

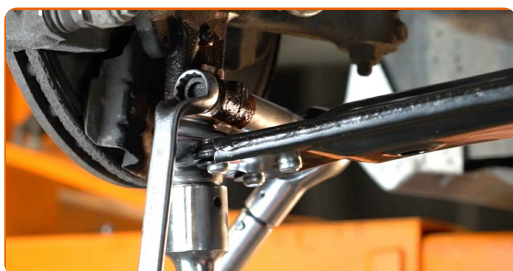


AUTODOC recommends:

- Important! Be sure to use new fasteners.

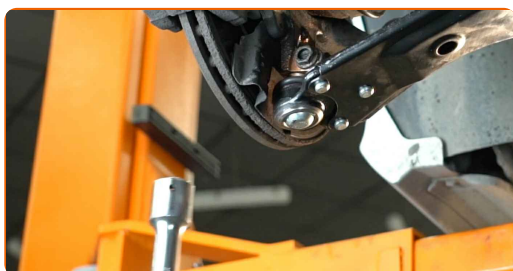
26

Tighten the ball joint fastener. Use a drive socket #16. Use a torque wrench. Tighten it to 50 nm torque.



27

Remove the support from under the arm.

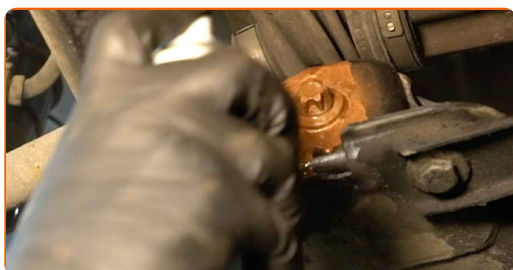


AUTODOC recommends:

- Replacement: front lower arm – FIAT Linea (323, 110). Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

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 – FIAT Linea (323, 110). Tip from AUTODOC:

- After applying the spray, wait a few minutes.

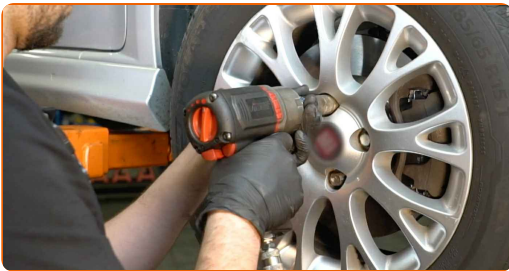
31 Install the wheel.



Replacement: front lower arm – FIAT Linea (323, 110). Professionals recommend:

- 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 wheel impact socket #17. Use a torque wrench. Tighten it to 120 nm torque.



34

Remove the jacks and chocks.



WELL DONE! 

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