



How to change front
lower arm on **VAUXHALL**
Meriva Mk I (A) (X03) –
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:

VAUXHALL Meriva Mk I (A) (X03) 1.7 DTI, VAUXHALL Meriva Mk I (A) (X03) 1.6 i, VAUXHALL Meriva Mk I (A) (X03) 1.6 i 16V, VAUXHALL Meriva Mk I (A) (X03) 1.8 i 16V, VAUXHALL Meriva Mk I (A) (X03) 1.7 CDTI, VAUXHALL Meriva Mk I (A) (X03) 1.3 CDTI, VAUXHALL Meriva Mk I (A) (X03) 1.6 Turbo, VAUXHALL Meriva Mk I (A) (X03) 1.4 16V Twinport, VAUXHALL Meriva Mk I (A) (X03) 1.6 i 16V Twinport

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: OPEL Meriva A (X03) 1.6 16V (E75)

REPLACEMENT: FRONT LOWER ARM – VAUXHALL MERIVA MK I (A) (X03). LIST OF THE TOOLS YOU'LL NEED:



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

Buy tools

Replacement: front lower arm – VAUXHALL Meriva Mk I (A) (X03). AUTODOC experts 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 – VAUXHALL MERIVA MK I (A) (X03). 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:

- Important! Hold the wheel while unscrewing the fastening bolts. VAUXHALL Meriva Mk I (A) (X03)

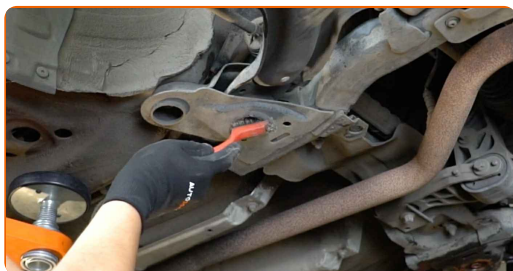
5

Remove the wheel.



6

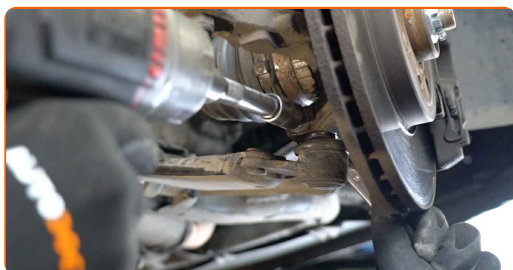
Clean all joints of the arm. Use a wire brush. Use WD-40 spray.



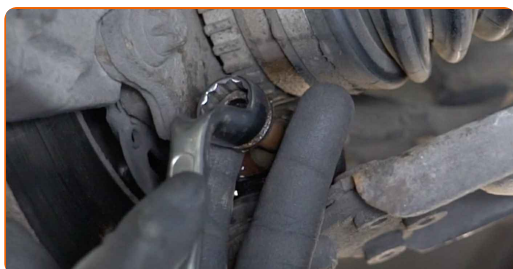
AUTODOC recommends:

- Replacement: front lower arm – VAUXHALL Meriva Mk I (A) (X03). After applying the spray, wait a few minutes.
- Wear protective goggles.
- Wear a respirator.

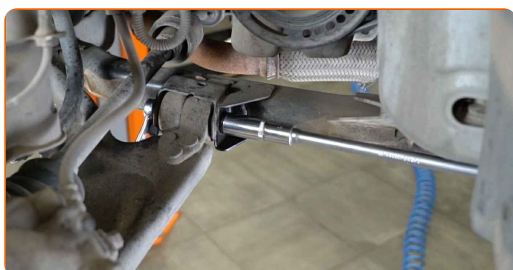
7 Unscrew the ball joint fastening to the steering knuckle. Use a combination spanner #16. Use a drive socket #16. Use a ratchet wrench.



8 Remove the fastening bolt. Use a combination spanner #16.

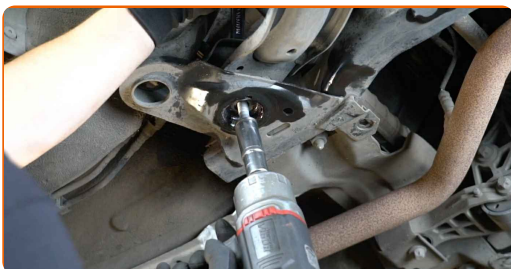


9 Unscrew the front arm fastener. Use a combination spanner #18. Use a drive socket #18. Use a ratchet wrench.



10

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

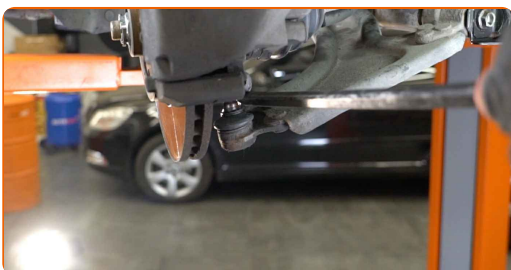


11

Remove the rear fastener of the control arm. Use a drive socket #18. Use a ratchet wrench.

12

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



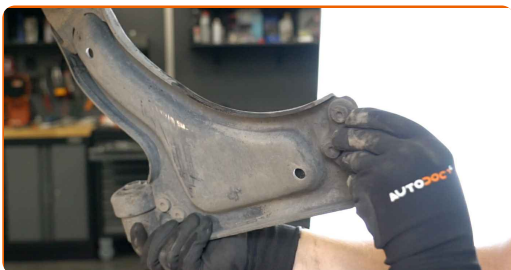
13

Remove the front fastener of the control arm. Use a drive socket #18. Use a ratchet wrench.



14

Remove the arm. Use a crowbar.



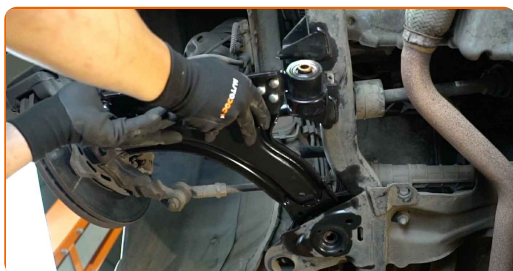
15

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



16

Install a new arm. Use a crowbar.

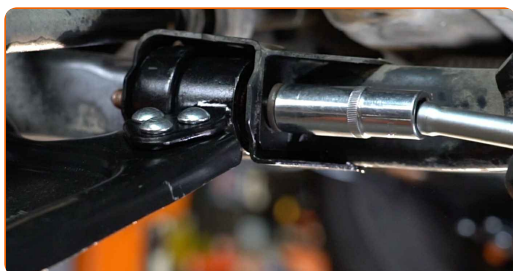


Replacement: front lower arm – VAUXHALL Meriva Mk I (A) (X03).
Professionals recommend:

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

17

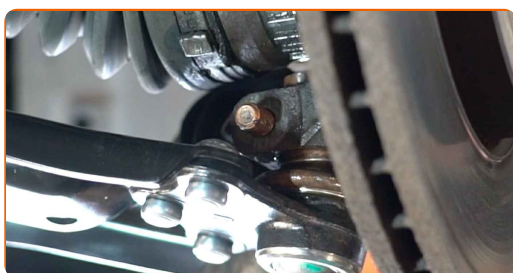
Install the control arm fasteners. Use a drive socket #18. Use a ratchet wrench.



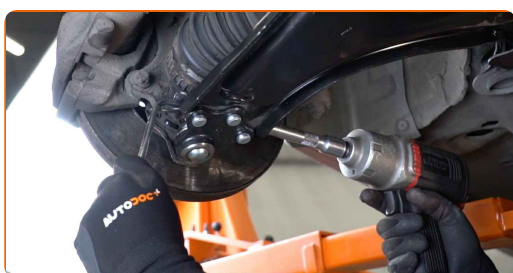
18 Connect the lower arm to the steering knuckle.



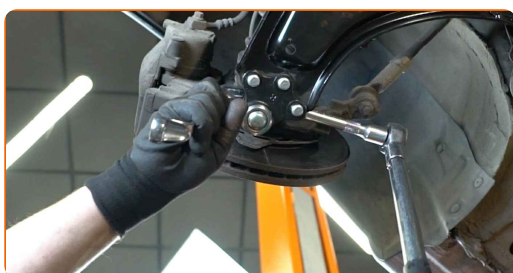
19 Install the fastening bolt.



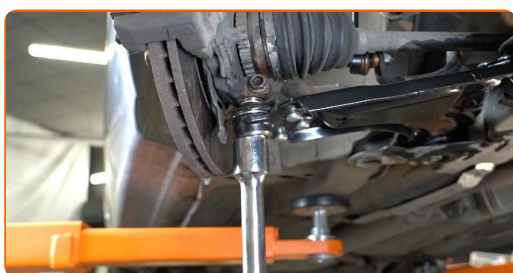
20 Screw the fasteners of the ball joint. Use a combination spanner #16. Use a drive socket #16. Use a ratchet wrench.



21 Tighten the ball joint fastener. Use a combination spanner #16. Use a drive socket #16. Use a torque wrench. Tighten it to 55 Nm torque.



22 Support the arm. Use a hydraulic transmission jack.



- 23** Tighten the front fastener connecting the control arm to the subframe. Use a combination spanner #18. Use a drive socket #18. Use a torque wrench. Tighten it to 90 Nm torque.+75°



AUTODOC recommends:

- Important! Be sure to use new fasteners.

- 24** Tighten the rear fastener of the control arm. Use a combination spanner #18. Use a drive socket #18. Use a torque wrench. Tighten it to 90 Nm torque.+75°

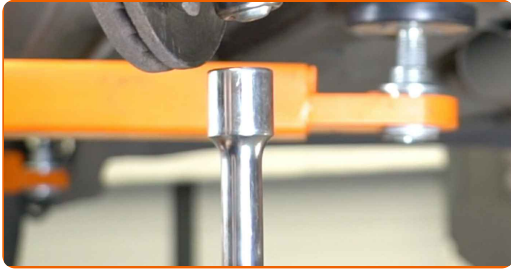


AUTODOC recommends:

- Important! Be sure to use new fasteners.

25

Remove the support from under the arm.



AUTODOC recommends:

- Replacement: front lower arm – VAUXHALL Meriva Mk I (A) (X03). Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

26

Treat all joints of the arm. Use copper grease.



27

Treat the contacting surface. Use copper grease.



28

Clean the brake disk surface. Use a brake cleaner.

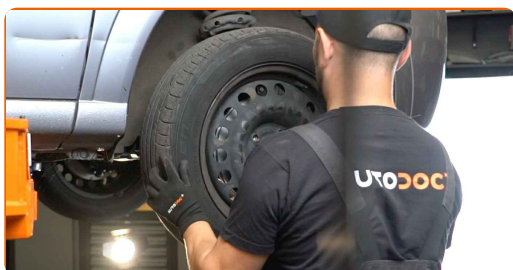


AUTODOC recommends:

- Replacement: front lower arm – VAUXHALL Meriva Mk I (A) (X03). After applying the spray, wait a few minutes.

29

Install the wheel.

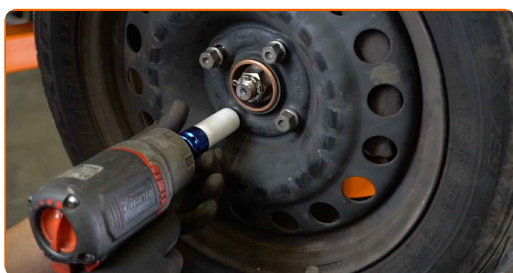


AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. VAUXHALL Meriva Mk I (A) (X03)

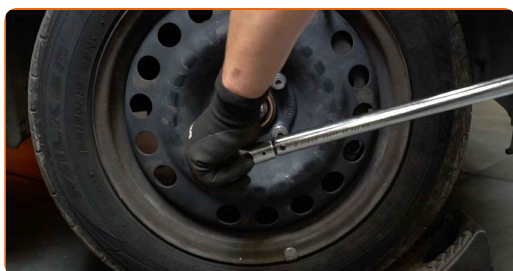
30

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



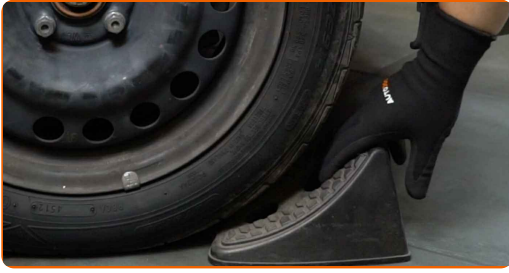
31

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.



32

Remove the jacks and chocks.



WELL DONE! 

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CONTROL ARM: A WIDE SELECTION

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