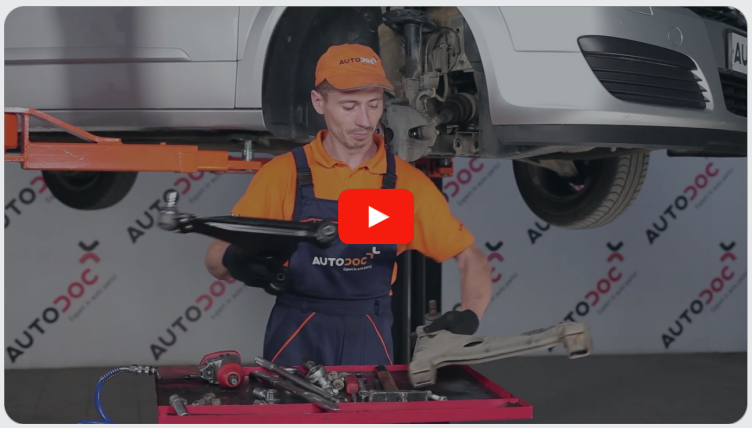
AUTODOC CLUB

How to change front lower arm on **VAUXHALL Meriva Mk II (B) (S10)** – replacement guide

SIMILAR VIDEO TUTORIAL



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

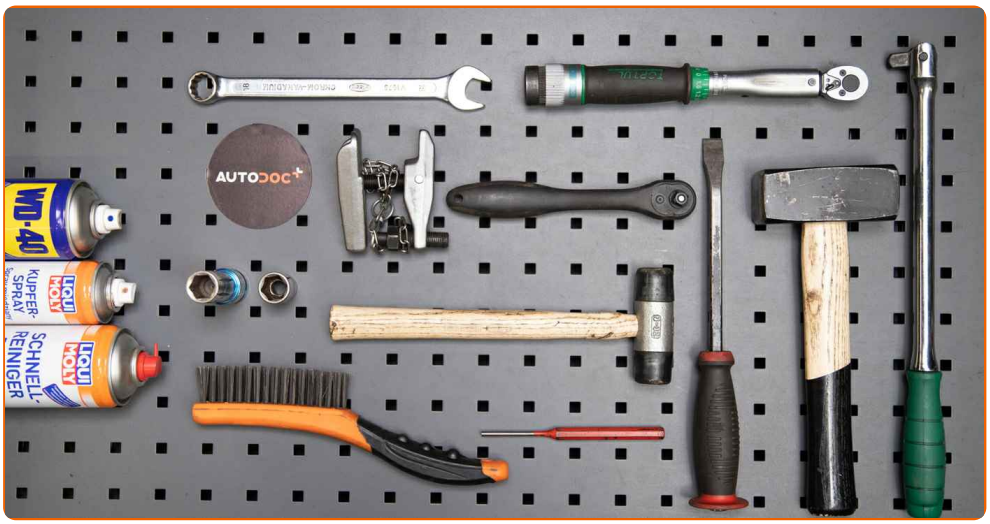
Important!

This replacement procedure can be used for:
VAUXHALL Meriva Mk II (B) (S10) 1.3 CDTi, VAUXHALL Meriva Mk II (B) (S10) 1.7 CDTi, VAUXHALL Meriva Mk II (B) (S10) 1.4, VAUXHALL Meriva Mk II (B) (S10) 1.3 CDTI, VAUXHALL Meriva Mk II (B) (S10) 1.7 CDTI, VAUXHALL Meriva Mk II (B) (S10) 1.4 LPG, VAUXHALL Meriva Mk II (B) (S10) 1.6 CDTi, VAUXHALL Meriva Mk II (B) (S10) 1.6 CDTI

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 Astra H Caravan (A04) 1.3 CDTI (L35)

REPLACEMENT: FRONT LOWER ARM – VAUXHALL MERIVA MK II (B) (S10). TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #18
- Drive socket # 18
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Rubber mallet
- Hammer
- Pin punch
- Crow bar
- Tap wrench
- Ball joint puller
- Hydraulic transmission jack
- Wheel chock

Buy tools

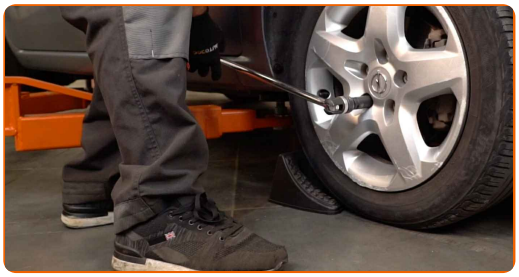
Replacement: front lower arm – VAUXHALL Meriva Mk II (B) (S10). AUTODOC experts recommend:

- The replacement procedure is identical for the left and right lower control arms.
- Warning! Shut down the engine before starting any work – VAUXHALL Meriva Mk II (B) (S10).

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1 Secure the wheels with chocks.

2 Loosen the wheel mounting bolts. Use wheel impact socket #17.



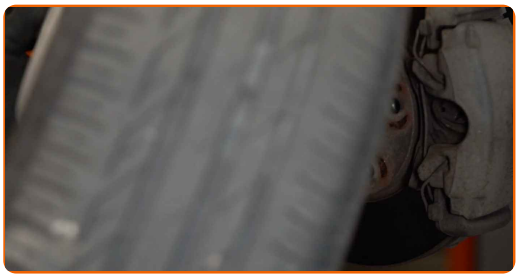
3 Raise the front of the car and secure on supports.

4 Unscrew the wheel bolts.

AUTODOC recommends:

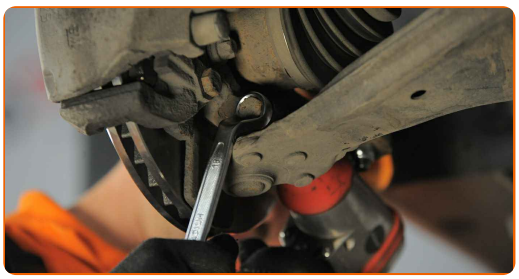
- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts. VAUXHALL Meriva Mk II (B) (S10)

5 Remove the wheel.

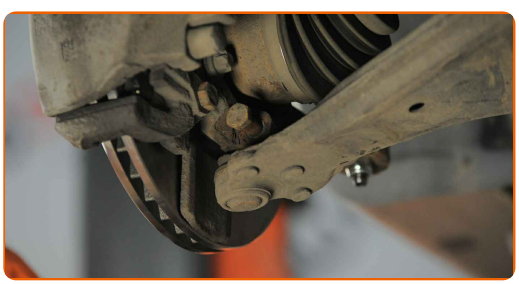


6 Clean the fastener connecting the ball joint to the steering knuckle. Use a wire brush. Use WD-40 spray.

7 Unscrew the ball joint fastening to the steering knuckle. Use a combination spanner #18. Use a drive socket #18. Use a ratchet wrench.

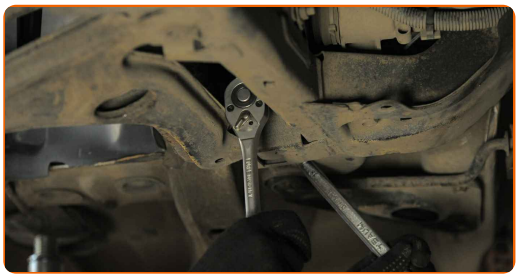


8 Remove the fastening bolt.



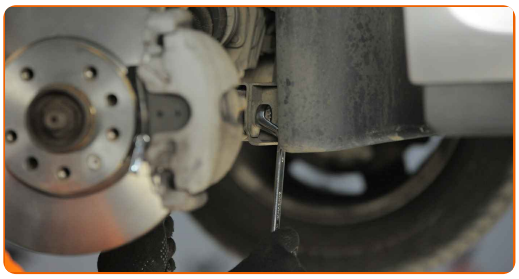
9 Clean the fasteners connecting the control arm to the subframe. Use a wire brush. Use WD-40 spray.

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. Use a tap wrench.

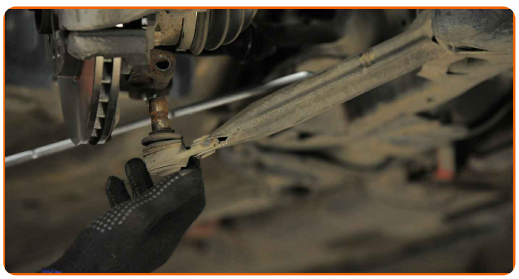


11 Remove the rear fastener of the control arm.

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

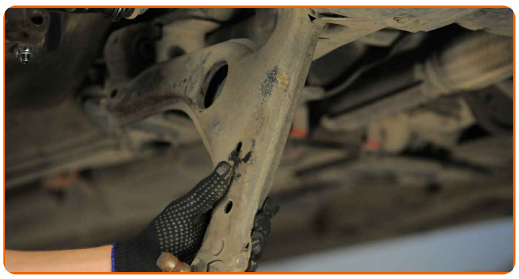


13 Disconnect the ball joint from the steering knuckle. Use a ball joint puller.

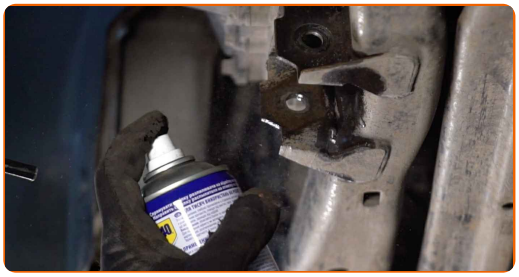


14 Remove the front fastener of the control arm.

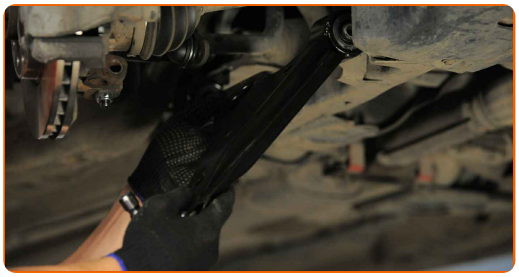
15 Remove the arm. Use a crowbar.



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



17 Install a new arm. Use a rubber mallet.



Replacement: front lower arm – VAUXHALL Meriva Mk II (B) (S10). Professionals recommend:

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

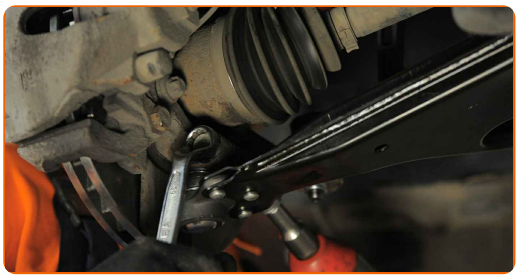
18 Install the front fastener of the arm.

19 Install the rear fastener of the control arm.

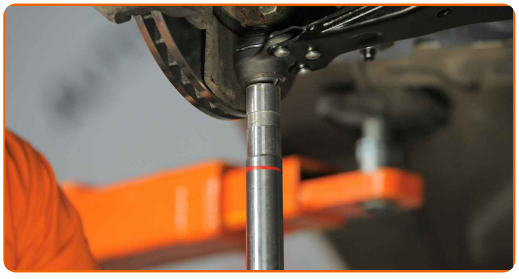
20 Connect the ball joint to the steering knuckle. Use a rubber mallet.

21 Install the fastening bolt. Use a pin punch. Use a hammer.

22 Tighten the fastener connecting the ball joint to the steering knuckle. Use a combination spanner #18. Use a drive socket #18. Use a torque wrench. Tighten it to 50 Nm torque.



23 Support the arm. Use a hydraulic transmission jack.

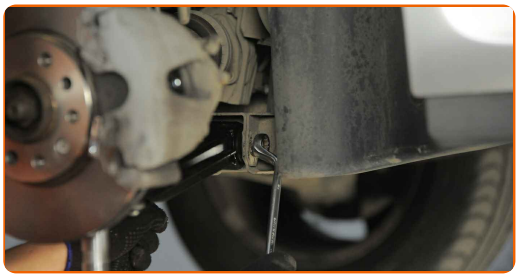


24 Tighten the rear fastener of the control arm. Use a combination spanner #18. Use a drive socket #18. Use a torque wrench. Tighten it to 90 Nm torque.+90°

AUTODOC recommends:

- Important! Be sure to use new fasteners.

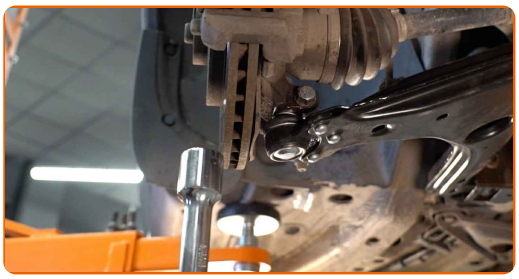
25 Tighten the front fastener connecting the control arm to the subframe. Use a combination spanner #18. Use a drive socket #18. Use a torque wrench. Tighten it to 90 Nm torque.+90°



AUTODOC recommends:

- Important! Be sure to use new fasteners.

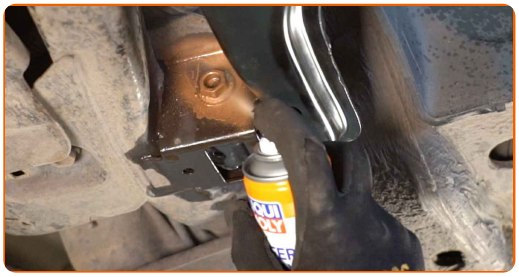
26 Remove the support from under the arm.



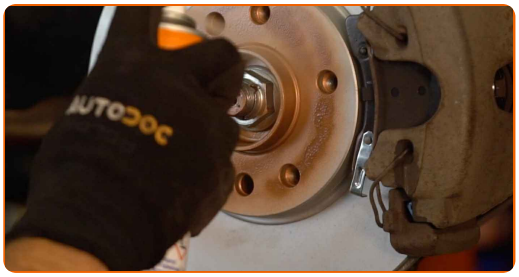
AUTODOC recommends:

- Replacement: front lower arm – VAUXHALL Meriva Mk II (B) (S10). Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

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



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



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

Replacement: front lower arm – VAUXHALL Meriva Mk II (B) (S10). AUTODOC experts recommend:

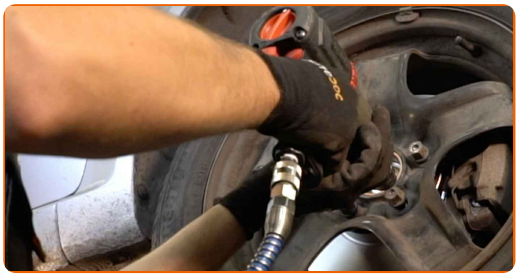
- After applying the spray, wait a few minutes.

30 Install the wheel.

AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts. VAUXHALL Meriva Mk II (B) (S10)

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



32 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 110 nm torque.

33 Remove the jacks and chocks.

WELL DONE!

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