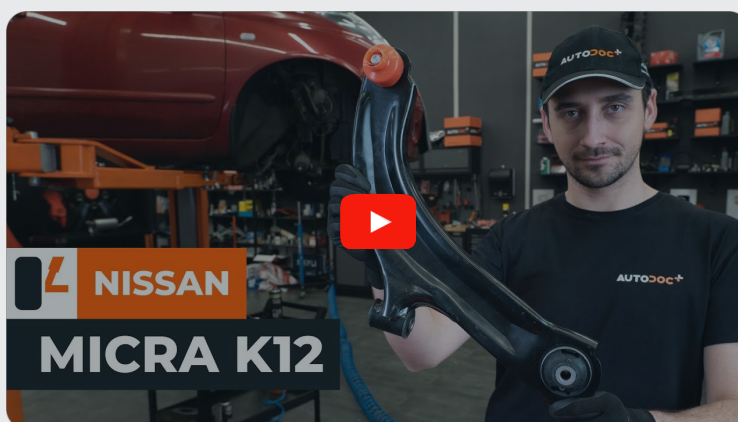




How to change front
lower arm on **NISSAN**
Note (E11, NE11) –
replacement guide

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:
 NISSAN Note (E11, NE11) 1.5 dCi, NISSAN Note (E11, NE11) 1.4, NISSAN Note (E11, NE11) 1.6

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: NISSAN MICRA III (K12) 1.4 16V

REPLACEMENT: FRONT LOWER ARM – NISSAN NOTE (E11, NE11). LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- All-purpose cleaning spray
- Ceramic grease
- Torque wrench
- Combination spanner #16
- Combination spanner #18
- Drive socket # 16
- Drive socket # 17
- Drive socket # 18
- Wheel impact socket #17
- Ratchet wrench
- Tap wrench
- Flat chisel
- Hammer
- Crow bar
- Hydraulic transmission jack
- Wheel chock

Buy tools

Replacement: front lower arm – NISSAN Note (E11, NE11). Tip from AUTODOC experts:

- 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 – NISSAN NOTE (E11, NE11). USE THE FOLLOWING PROCEDURE:

1 Secure the wheels with chocks.

2 Loosen the wheel bolts. Use wheel impact socket #17. Use a tap wrench.



3 Raise the car.

Replacement: front lower arm – NISSAN Note (E11, NE11). Tip:

- If you are using a jack, make sure it rests on a flat surface without any unevenness.
- Be sure to additionally secure the car with jack stands.

4

Unscrew the wheel bolts.



AUTODOC recommends:

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

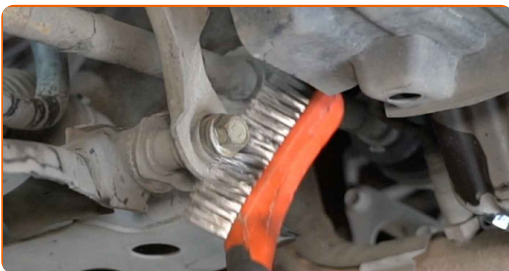
5

Remove the wheel.



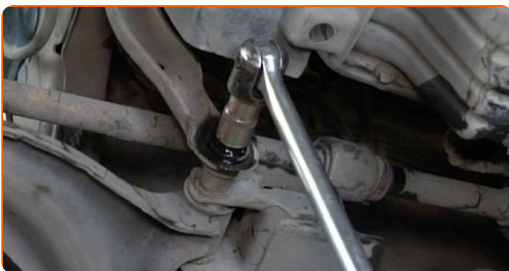
6

Clean the control arm fasteners. Use a wire brush. Use WD-40 spray.

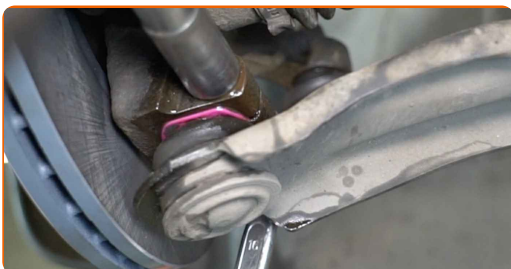


7

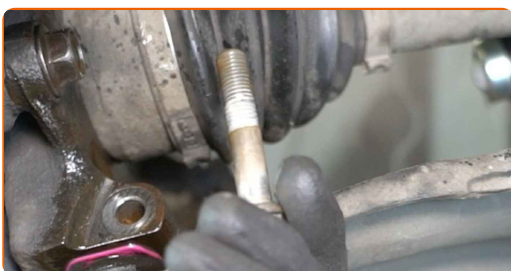
Unscrew the front fastener of the control arm. Use a drive socket #17. Use a ratchet wrench.



8 Unscrew the fastener connecting the ball joint to the steering knuckle. Use a combination spanner #16. Use a drive socket #16. Use a ratchet wrench.



9 Remove the fastening bolt.



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



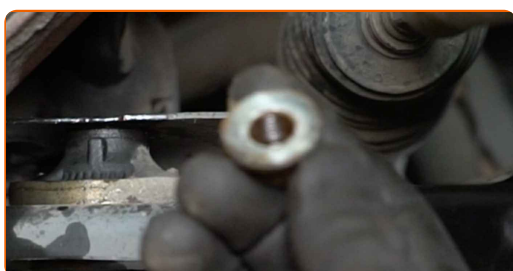
11 Disconnect the ball joint from the steering knuckle.



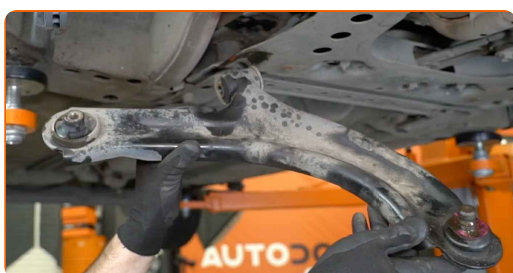
- 12 Unscrew the rear fastener of the control arm. Use a combination spanner #18. Use a drive socket #18. Use a ratchet wrench.



- 13 Remove the fastening bolts.



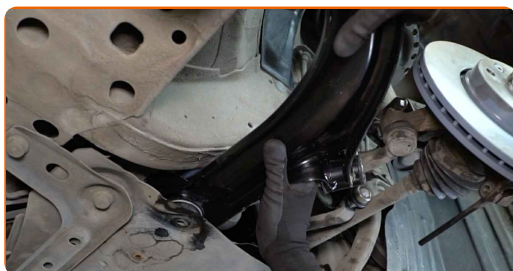
- 14 Remove the control arm. Use a crowbar.



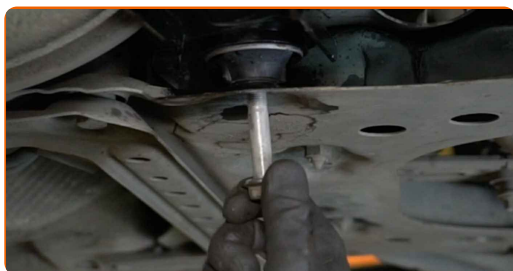
- 15 Clean the suspension arm mounting seats. Use a wire brush. Use all-purpose cleaning spray.



- 16 Install the new control arm.



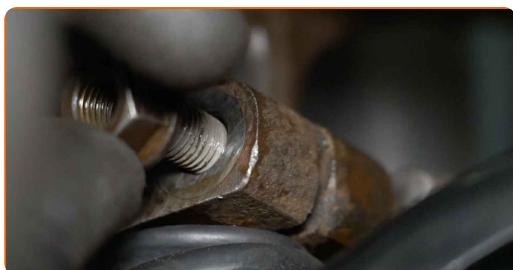
17 Install the fastening bolts.



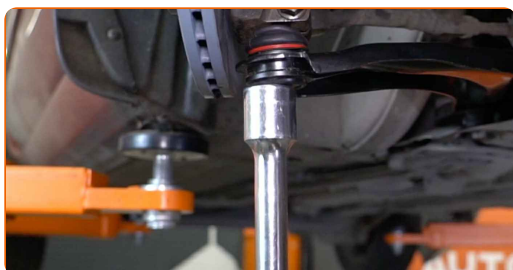
18 Connect the ball joint to the steering knuckle.



19 Install the fastening bolt.



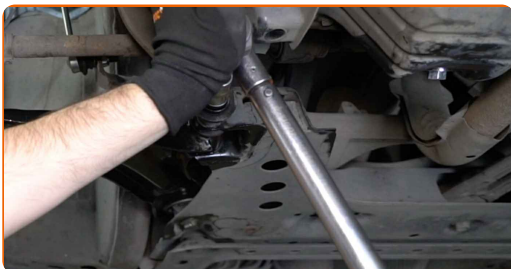
20 Support the steering knuckle. Use a hydraulic transmission jack.



Replacement: front lower arm – NISSAN Note (E11, NE11). Tip from AUTODOC experts:

- For tightening the fasteners correctly, you have to jack up the suspension components to their working position.

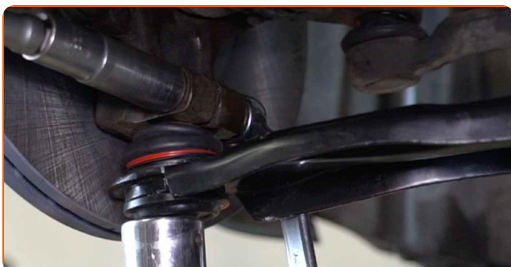
21 Tighten the front fastener of the arm. Use a drive socket #17. Use a torque wrench. Tighten it to 114 Nm torque.



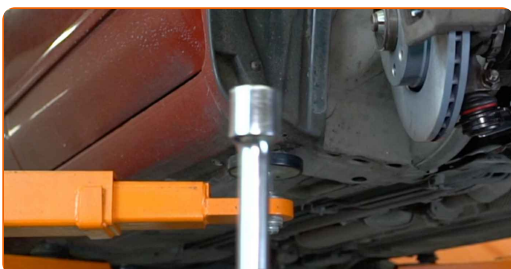
22 Tighten the rear fastener of the control arm. Use a combination spanner #18. Use a drive socket #18. Use a torque wrench. Tighten it to 127 Nm torque.



23 Tighten the ball joint fastener. Use a combination spanner #16. Use a drive socket #16. Use a torque wrench. Tighten it to 37 Nm torque.



24 Remove the support from under the steering knuckle.

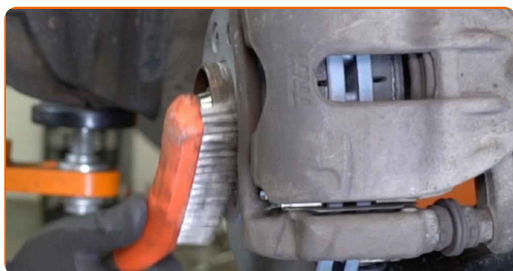


AUTODOC recommends:

- Replacement: front lower arm – NISSAN Note (E11, NE11). Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

25

Clean the wheel rim mounting seat. Use a wire brush. Use all-purpose cleaning spray.



26

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



27

Install the wheel.



Replacement: front lower arm – NISSAN Note (E11, NE11). Tip:

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

28

Screw in the wheel bolts. Use wheel impact socket #17. Use a ratchet wrench.



29

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.



30

Remove the jacks and chocks.



WELL DONE! 

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