



How to change front  
lower arm on **Nissan**  
**Micra K12** – replacement  
guide

## VIDEO TUTORIAL



### Important!

This replacement procedure can be used for:

NISSAN Note (E11, NE11) 1.5 dCi, NISSAN MICRA III (K12) 1.2 16V, NISSAN MICRA III (K12) 1.5 dCi, NISSAN MICRA III (K12) 1.0 16V, NISSAN Micra C+C III (K12) 1.4 16V, NISSAN Micra C+C III (K12) 1.6 160 SR, NISSAN MICRA III (K12) 1.6 SR 160, NISSAN Note (E11, NE11) 1.4, NISSAN Note (E11, NE11) 1.6

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The steps may slightly vary depending on the car design.

**REPLACEMENT: FRONT LOWER ARM – NISSAN MICRA K12. 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 Micra K12. 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 MICRA K12. 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 Micra K12. 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:

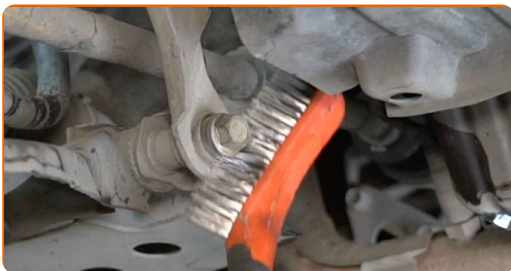
- To avoid injury, hold up the wheel when unscrewing the bolts.

5

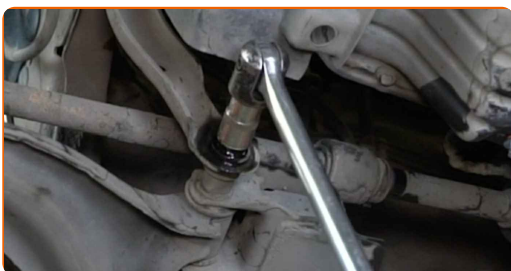
Remove the wheel.



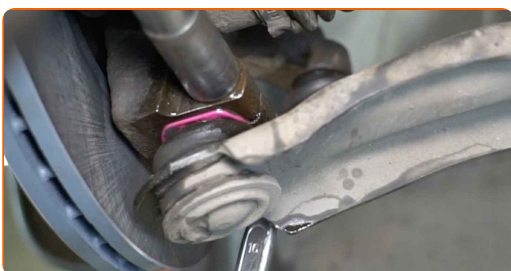
**6** Clean the control arm fasteners. Use a wire brush. Use WD-40 spray.



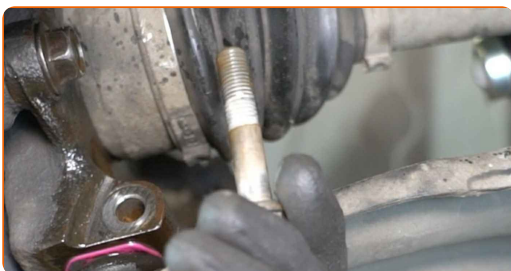
**7** Unscrew the front fastener of the control arm. Use a drive socket #17. Use a ratchet wrench.



**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.



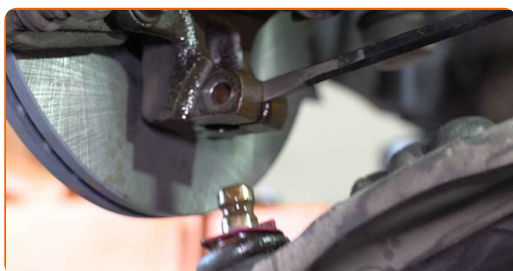
**10**

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.

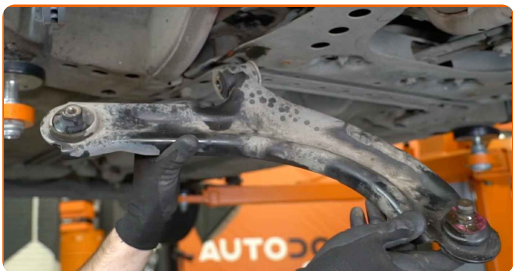


**13**

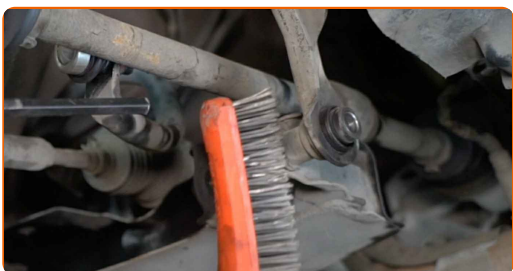
Remove the fastening bolts.



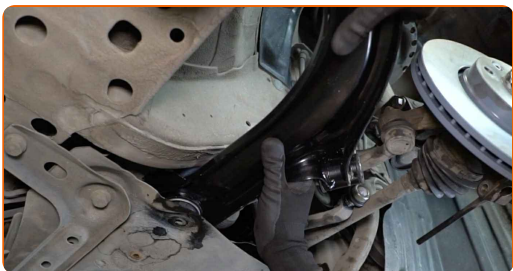
**14** Remove the control arm. Use a crowbar.



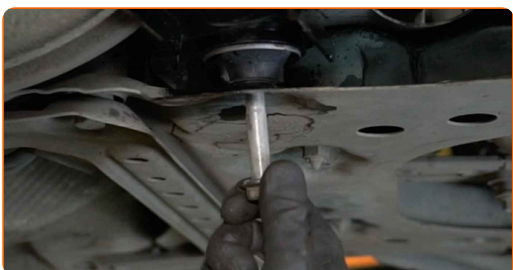
**15** Clean the suspension arm mounting seats. Use a wire brush. Use all-purpose cleaning spray.



**16** Install the new control arm.



**17** Install the fastening bolts.

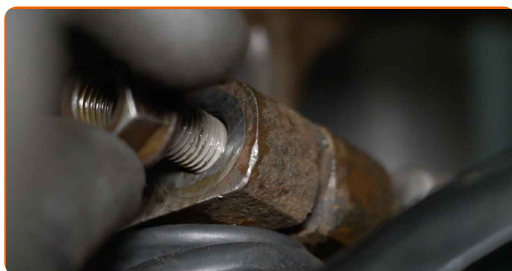


**18** Connect the ball joint to the steering knuckle.

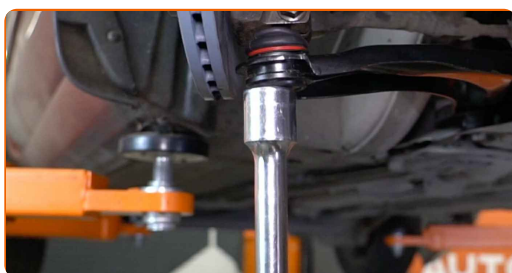




**19** Install the fastening bolt.



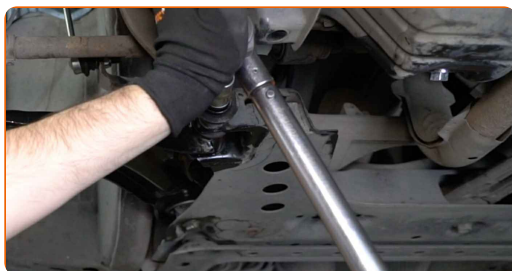
**20** Support the steering knuckle. Use a hydraulic transmission jack.



Replacement: front lower arm – Nissan Micra K12. Tip from AUTODOC experts:

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

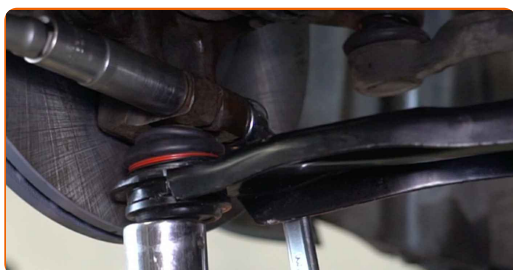
**21** Tighten the front fastener of the arm. Use a drive socket #17. Use a torque wrench. Tighten it to 114 Nm torque.



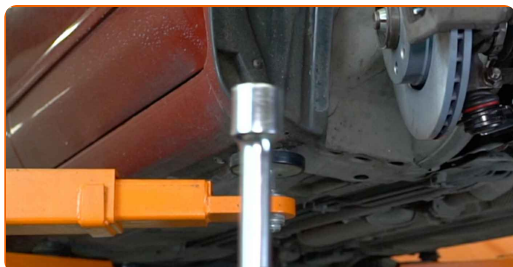
- 22** Tighten the rear fastener of the control arm. Use a combination spanner #18. Use a drive socket #18. Use a torque wrench. Tighten it to 127 Nm torque.



- 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.



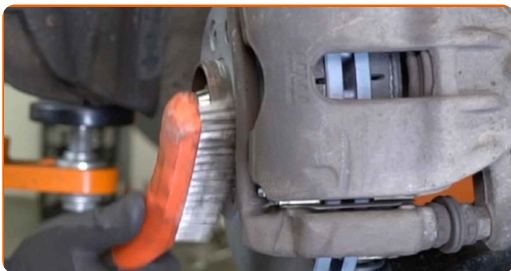
- 24** Remove the support from under the steering knuckle.



**AUTODOC recommends:**

- Replacement: front lower arm – Nissan Micra K12. 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 Micra K12. 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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