



How to change front  
lower arm on **Nissan**  
**Qashqai J10** –  
replacement guide

## VIDEO TUTORIAL



### Important!

This replacement procedure can be used for:

NISSAN X-Trail (T31) 2.0 dCi FWD, NISSAN Qashqai / Qashqai+2 I (J10, NJ10) 1.5 dCi, NISSAN Qashqai / Qashqai+2 I (J10, NJ10) 1.6, NISSAN Qashqai / Qashqai+2 I (J10, NJ10) 2.0, NISSAN Qashqai / Qashqai+2 I (J10, NJ10) 2.0 All-wheel Drive, NISSAN Qashqai / Qashqai+2 I (J10, NJ10) 1.6 dCi All-wheel Drive, NISSAN Qashqai / Qashqai+2 I (J10, NJ10) 1.6 dCi, NISSAN Qashqai / Qashqai+2 I (J10, NJ10) 2.0 dCi, NISSAN Qashqai / Qashqai+2 I (J10, NJ10) 2.0 dCi All-wheel Drive, NISSAN X-Trail (T31) 2.0 dCi, NISSAN X-Trail (T31) 2.0, NISSAN X-Trail (T31) 2.0 dCi 4x4, NISSAN X-Trail (T31) 2.5 4x4, NISSAN X-Trail (T31) 2.0 FWD, NISSAN Qashqai / Qashqai+2 I (J10, NJ10) 1.6 LPG, (+ 6)

The steps may slightly vary depending on the car design.

**REPLACEMENT: FRONT LOWER ARM – NISSAN QASHQAI J10. TOOLS YOU'LL NEED:**



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Torque wrench
- Combination spanner #16
- Combination spanner #18
- Drive socket # 18
- Drive socket # 19
- Drive socket # 21
- Wheel impact socket #21
- Ratchet wrench
- Tap wrench
- Hammer
- Flat chisel
- Crow bar
- Wheel chock

**BUY TOOLS**

Replacement: front lower arm – Nissan Qashqai J10. AUTODOC recommends:

- The replacement procedure is identical for the left and right lower control arms.
- Please note: all work on the car – Nissan Qashqai J10 – should be done with the engine switched off.

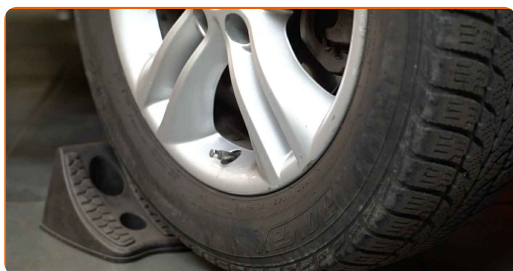
**CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:**

**1** Secure the wheels with chocks.

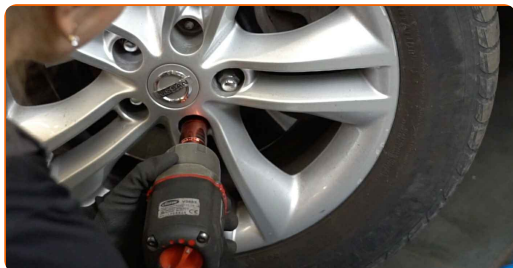
**2** Loosen the wheel mounting bolts. Use wheel impact socket #17.



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



**4** Unscrew the wheel bolts.

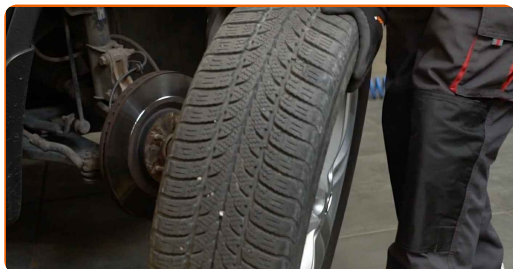


Replacement: front lower arm – Nissan Qashqai J10. Tip:

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

5

Remove the wheel.



6

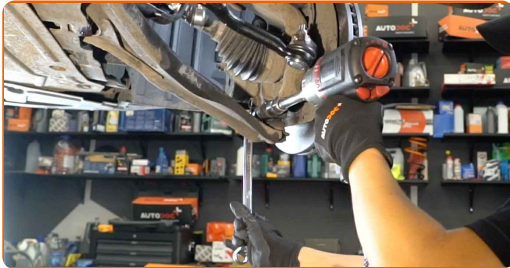
Clean all joints of the arm. Use a wire brush. Use WD-40 spray.



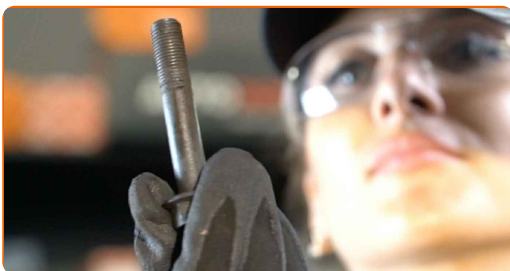
AUTODOC recommends:

- Replacement: front lower arm – Nissan Qashqai J10. After applying the spray, wait a few minutes.
- Wear protective goggles.

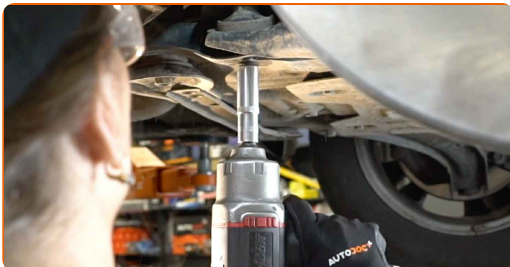
- 7 Unscrew the ball joint fastening to the steering knuckle. Use a combination spanner #18. Use a drive socket #18. Use a tap wrench.



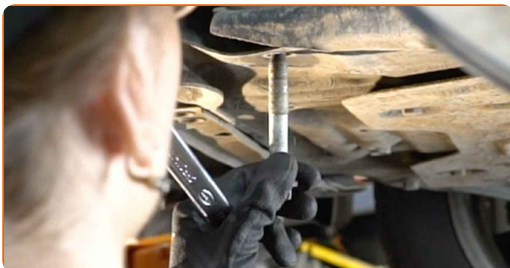
- 8 Remove the fastening bolt.



- 9 Unscrew the rear fastener connecting the control arm to the subframe. Use a combination spanner #16. Use a drive socket #18. Use a ratchet wrench.



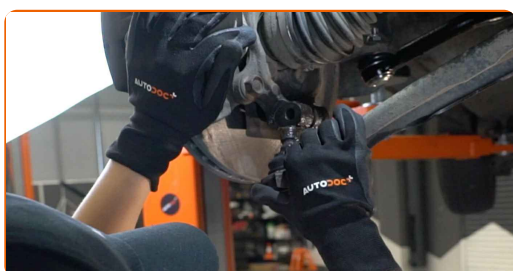
- 10 Remove the rear fastener of the control arm.



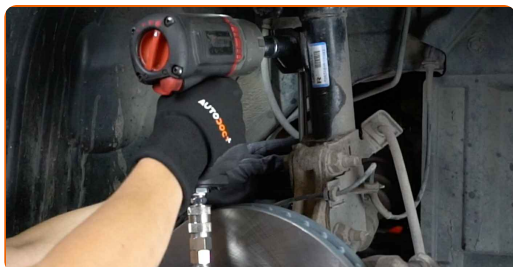
- 11 Release the fastener connecting the ball joint to the steering knuckle. Use a flat metal-working chisel. Use a hammer.



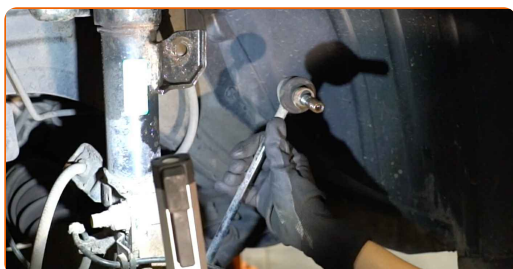
- 12 Disconnect the ball joint from the steering knuckle. Use a crowbar.



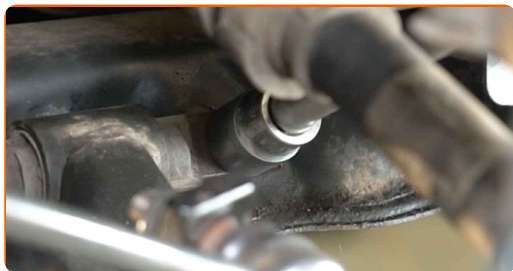
- 13 Unscrew the fastener connecting the stabilizer link to the shock strut. Use a drive socket #19. Use a ratchet wrench.



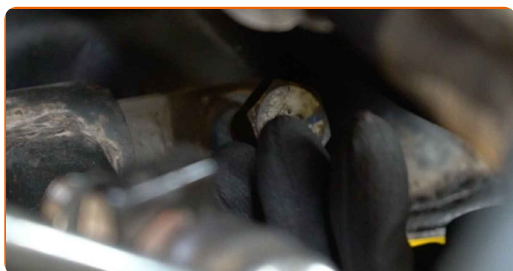
- 14 Remove the stabilizer rod.



**15** Unscrew the front arm fastener. Use a drive socket #21. Use a tap wrench.



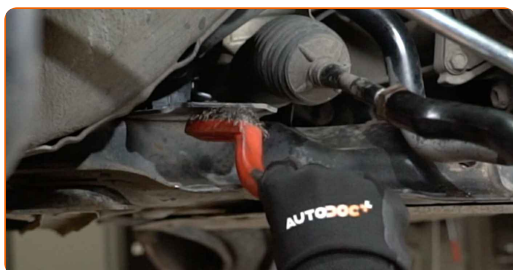
**16** Remove the front fastener of the control arm.



**17** Remove the arm.



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





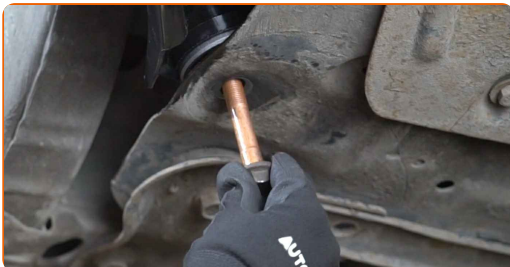
**19** Install a new arm.



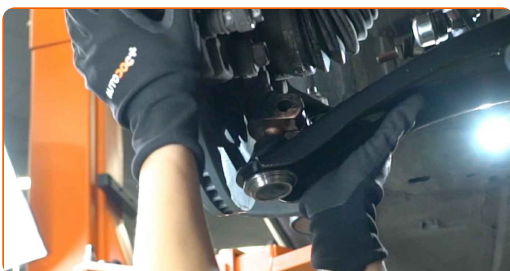
Replacement: front lower arm – Nissan Qashqai J10. AUTODOC experts recommend:

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

**20** Install the control arm fasteners.



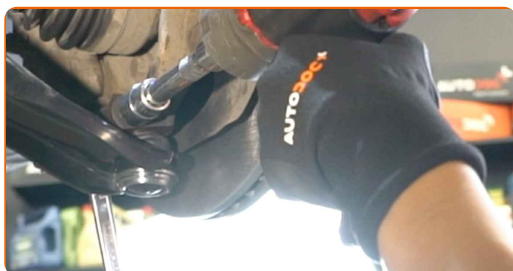
**21** Connect the ball joint to the steering knuckle.



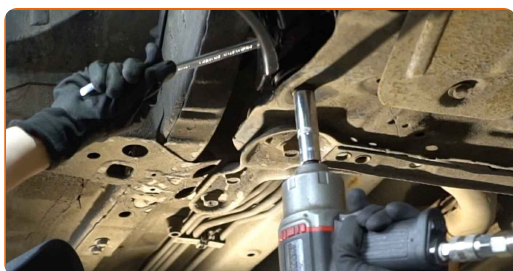
**22** Install the fastening bolt.



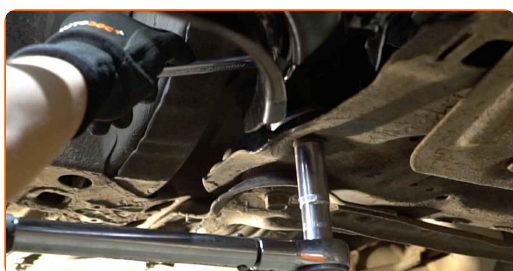
**23** Screw the fasteners of the ball joint. Use a combination spanner #18. Use a drive socket #18. Use a tap wrench.



**24** Screw the rear fastener connecting the control arm to the subframe. Use a combination spanner #16. Use a drive socket #18. Use a ratchet wrench.



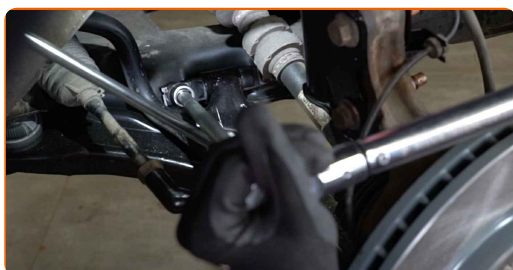
**25** Tighten the rear fastener connecting the arm to the body subframe. Use a combination spanner #18. Use a drive socket #18. Use a torque wrench. Tighten it to 98 Nm torque.



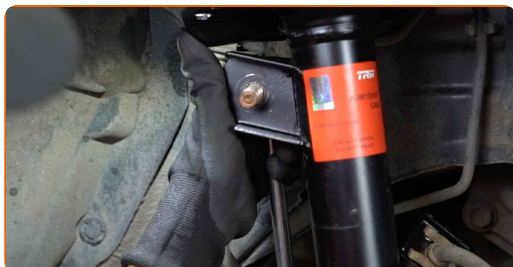
- 26 Tighten the ball joint fastener. Use a combination spanner #18. Use a drive socket #18. Use a torque wrench. Tighten it to 87 Nm torque.



- 27 Tighten the front fastener connecting the control arm to the subframe. Use a drive socket #21. Use a torque wrench. Tighten it to 171 Nm torque.



- 28 Install the transverse stabilizer link.



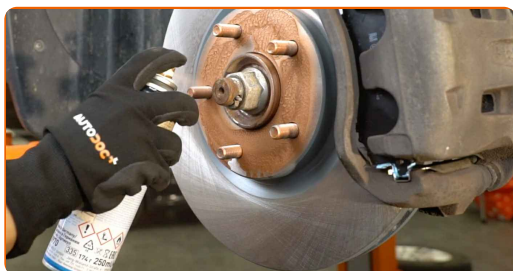
- 29 Tighten the fastener connecting the stabilizer link to the shock strut. Use a drive socket #19. Use a torque wrench. Tighten it to 65 Nm torque.



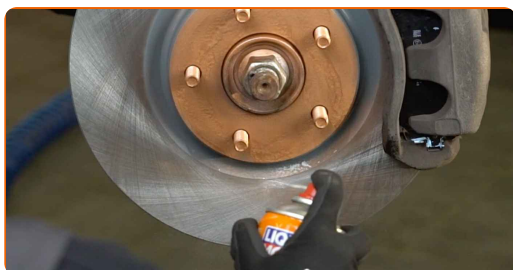
**30** Treat all joints of the arm. Use copper grease.



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



**32** Clean the brake disk surface. Use a brake cleaner.



Replacement: front lower arm – Nissan Qashqai J10. Tip from AUTODOC:

- After applying the spray, wait a few minutes.

**33** Install the wheel.



**AUTODOC recommends:**

- Important! Hold the wheel while screwing in the fastening bolts. Nissan Qashqai J10

**34**

Screw in the wheel bolts. Use wheel impact socket #21.



**35**

Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #21. Use a torque wrench. Tighten it to 112 Nm torque.



**36**

Remove the jacks and chocks.



**WELL DONE!** 

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