



How to change rear  
suspension lower trailing  
arm on **Nissan X Trail**  
**T30** – replacement guide

## VIDEO TUTORIAL



### Important!

This replacement procedure can be used for:

NISSAN X-Trail (T30) 2.5 FWD, NISSAN X-Trail (T30) 2.0 4x4, NISSAN X-Trail (T30) 2.2 Di 4x4, NISSAN Primera Saloon (P12) 2.0, NISSAN Primera Estate (WP12) 2.0, NISSAN Primera Hatchback (P12) 2.0, NISSAN X-Trail (T30) 2.2 dCi 4x4, NISSAN X-Trail (T30) 2.0, NISSAN X-Trail (T30) 2.2 dCi, NISSAN X-Trail (T30) 2.5 4x4, NISSAN X-Trail (T30) 2.2 DCi, NISSAN X-Trail (T30) 2.2 DCi FWD, NISSAN X-Trail (T30) 2.5

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The steps may slightly vary depending on the car design.

**REPLACEMENT: FRONT LOWER ARM – NISSAN X TRAIL T30. TOOLS YOU NEED:**



- Wire brush
- WD-40 spray
- Brake cleaner
- Ceramic grease
- Copper grease
- Torque wrench
- Combination spanner #17
- Combination spanner #22
- Drive socket # 17
- Drive socket # 22
- Wheel impact socket #21
- Ratchet wrench
- Crow bar
- Hydraulic transmission jack
- Wheel chock

**BUY TOOLS**

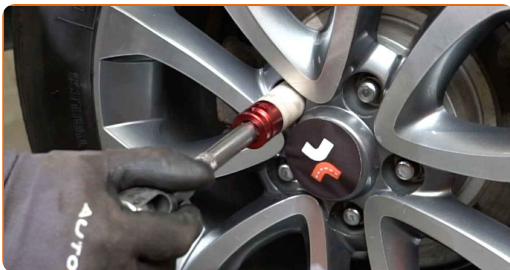
Replacement: front lower arm – Nissan X Trail T30. AUTODOC experts recommend:

- The replacement procedure is identical for the left and right lower control arms.
- Please note: all work on the car – Nissan X Trail T30 – should be done with the engine switched off.

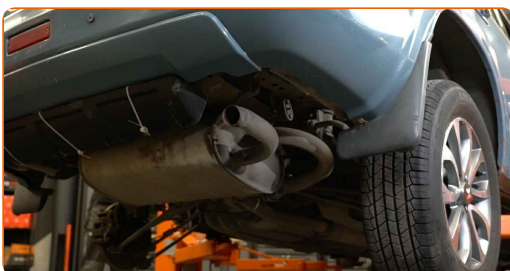
## CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

**1** Secure the wheels with chocks.

**2** Loosen the wheel mounting bolts. Use wheel impact socket #21.



**3** Raise the car.



Replacement: front lower arm – Nissan X Trail T30. Tip from AUTODOC:

- 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.

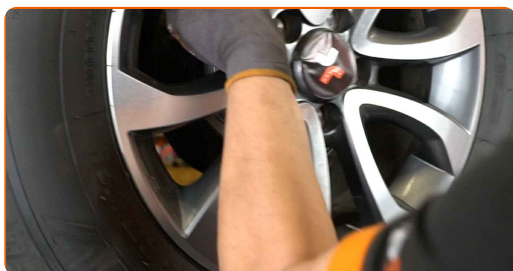


AUTODOC recommends:

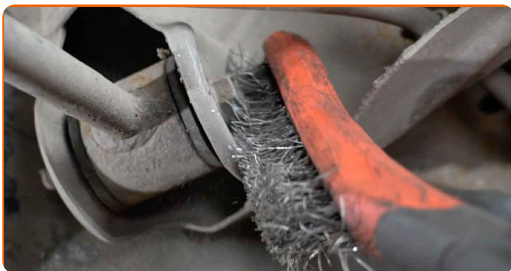
- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.  
Nissan X Trail T30

5

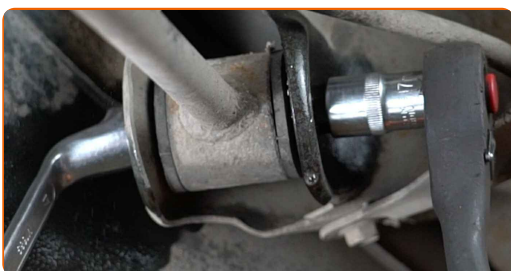
Remove the wheel.



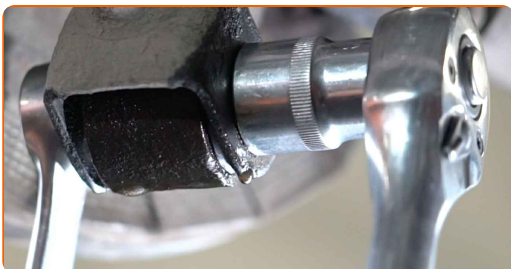
**6** Clean all joints of the arm. Use a wire brush. Use WD-40 spray.



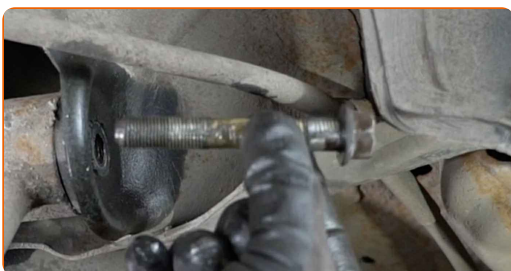
**7** Unscrew the fastener connecting the suspension arm to the car body. Use a combination spanner #17. Use a drive socket #17. Use a ratchet wrench.



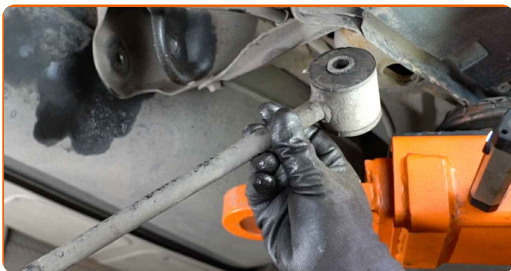
**8** Unscrew the fastener connecting the control arm to the rear knuckle. Use a combination spanner #22. Use a drive socket #22. Use a ratchet wrench.



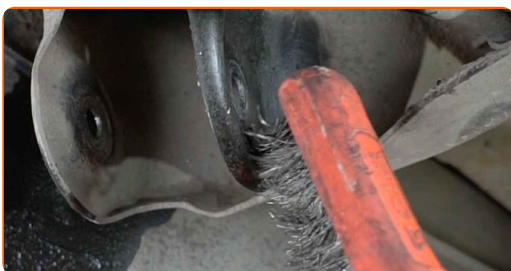
**9** Remove the fastening bolts.



**10** Remove the control arm.



**11** Clean the suspension arm mounting seats. Use a wire brush. Use WD-40 spray.



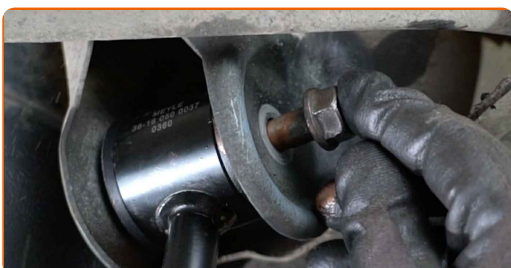
**12** Install a new arm. Use a crowbar.



Replacement: front lower arm – Nissan X Trail T30. AUTODOC experts recommend:

- During the installation process, use only new bolts and nuts.

**13** Install the fastening bolts.



**14** Support the rear knuckle. Use a hydraulic transmission jack.



Replacement: front lower arm – Nissan X Trail T30. AUTODOC recommends:

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

**15** Tighten the fastener connecting the suspension arm to the rear knuckle. Use a combination spanner #22. Use a drive socket #22. Use a torque wrench. Tighten it to 110 Nm torque.

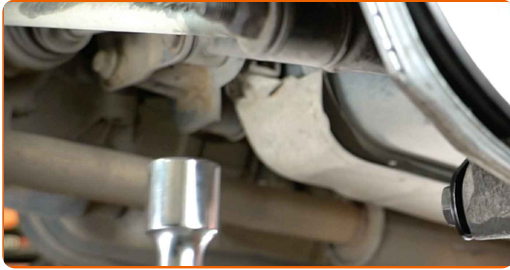


**16** Tighten the fastener connecting the suspension arm to the car body. Use a combination spanner #17. Use a drive socket #17. Use a torque wrench. Tighten it to 98 Nm torque.





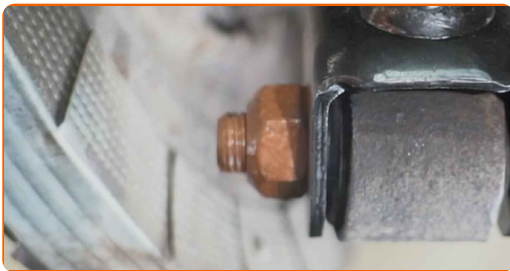
**17** Remove the support from under the rear knuckle.



**AUTODOC recommends:**

- Replacement: front lower arm – Nissan X Trail T30. Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

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



**19** Clean the wheel rim mounting seat. Use a wire brush.



20

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



21

Clean the brake disk surface. Use a brake cleaner.

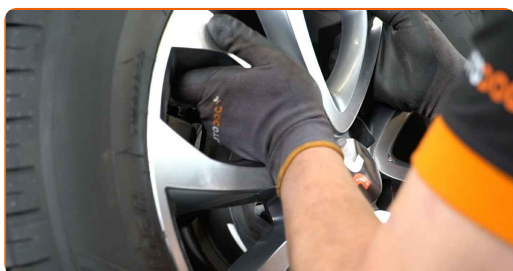


**AUTODOC recommends:**

- Replacement: front lower arm – Nissan X Trail T30. After applying the spray, wait a few minutes.

22

Install the wheel.



**AUTODOC recommends:**

- Important! Hold the wheel while screwing in the fastening bolts. Nissan X Trail T30

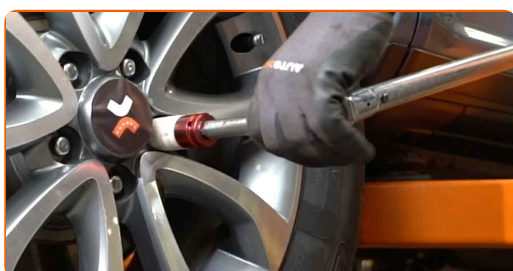
23

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



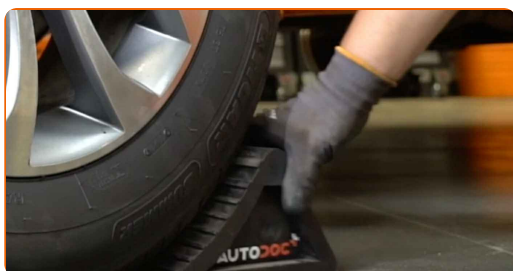
24

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 118 Nm torque.



25

Remove the jacks and chocks.



**WELL DONE!** 

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