



How to change engine oil  
and filter on **Nissan X  
Trail T30 diesel** –  
replacement guide

## VIDEO TUTORIAL



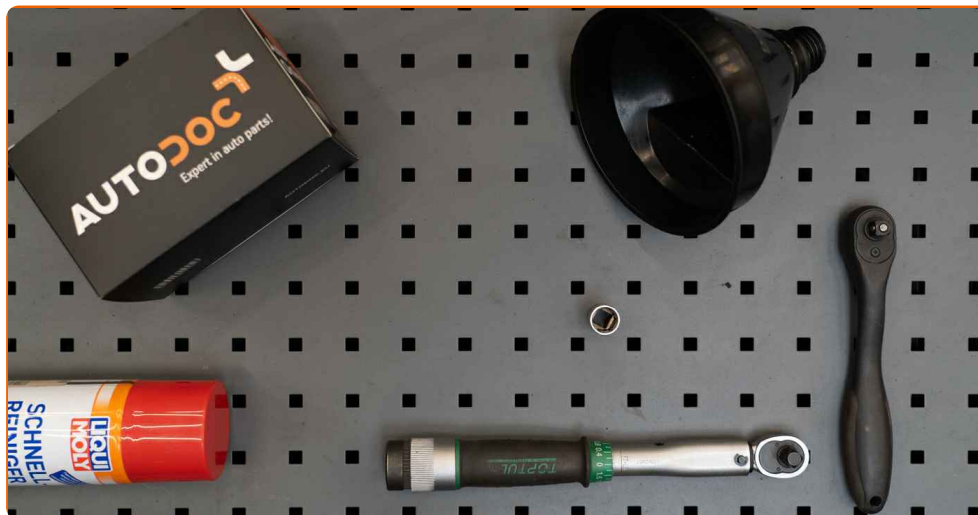
### Important!

This replacement procedure can be used for:

NISSAN NP300 Pickup (D22) 2.5 dCi 4x4, NISSAN NP300 Navara Pickup (D40) 2.5 dCi 4WD (D40TT, D40T, D40M, D40BB), NISSAN NP300 Navara Platform / Chassis (D40) 2.5 dCi, NISSAN MURANO (Z51) 2.5 dCi 4x4, NISSAN NP300 Pickup (D22) 2.5 dCi, NISSAN ALMERA II Hatchback (N16) 2.2 Di, NISSAN Almera II Saloon (N16) 2.2 Di, NISSAN ALMERA TINO (V10) 2.2 dCi, NISSAN X-TRAIL (T30) 2.2 Di 4x4, NISSAN PRIMERA (P12) 2.2 Di, NISSAN PRIMERA Estate (WP12) 2.2 Di, NISSAN PRIMERA Hatchback (P12) 2.2 Di, NISSAN PRIMERA Estate (WP12) 2.2 dCi, NISSAN PRIMERA (P12) 2.2 dCi, NISSAN PRIMERA Hatchback (P12) 2.2 dCi, (+ 17)

The steps may slightly vary depending on the car design.

REPLACEMENT: ENGINE OIL AND FILTER – NISSAN X TRAIL T30. TOOLS YOU'LL NEED:



- All-purpose cleaning spray
- Drive socket # 14
- Ratchet wrench
- Torque wrench
- Oil drain pan
- Funnel
- Fender cover

**BUY TOOLS**

Replacement: engine oil and filter – Nissan X Trail T30. AUTODOC experts recommend:

- Replace the oil filter every time when changing motor oil.
- Wear gloves to prevent contact with hot liquid.
- Warning! Shut down the engine before starting any work – Nissan X Trail T30.

## CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

- 1 Lift the car using a jack or place it over an inspection pit.

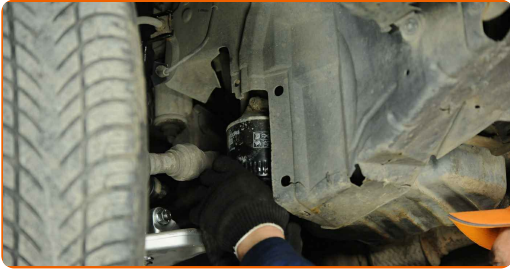


Replacement: engine oil and filter – Nissan X Trail T30. Tip:

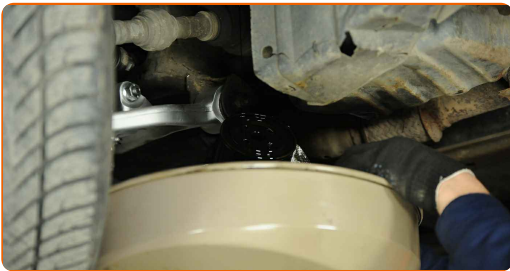
- The vehicle must be on even keel, and if it is at an angle, the drain plug must be at the lowest point.

- 2 Put a waste oil container with at least 6 l capacity under the drainage hole.

**3** Unscrew the oil filter.



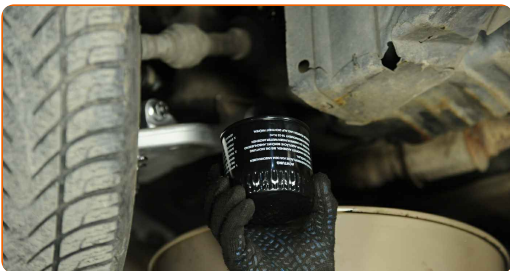
**4** Put the old oil filter in the container.



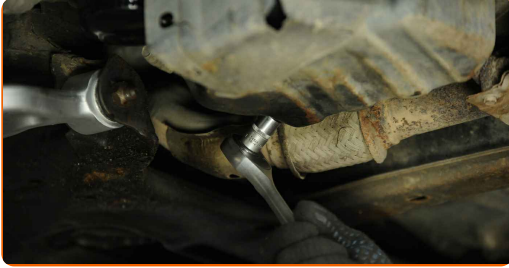
Replacement: engine oil and filter – Nissan X Trail T30. AUTODOC recommends:

- Move up the container. The oil starts to drain out of the drainage hole immediately after you have removed the oil filter.

**5** Clean the oil filter seat. Screw the new filter into its place.



**6** Unscrew the drain plug. Use a drive socket #14. Use a ratchet wrench.



**7** Drain the used oil.

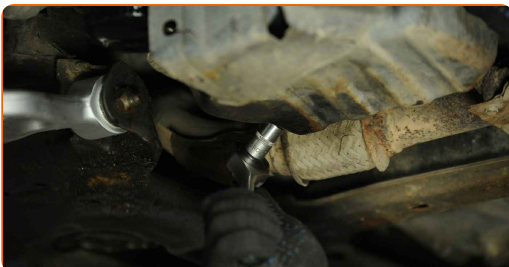


**Replacement: engine oil and filter – Nissan X Trail T30. Tip from AUTODOC:**

- Caution! The oil may be hot.
- Wait until the oil has completely drained from the drainage hole.

**8** Clean the area of the oil pan drainage hole.

**9** Screw in the new drainage plug and tighten it. Use a drive socket #14. Use a torque wrench. Tighten it to 25 Nm torque.



**10** Clean the area of the oil pan drainage hole. Use all-purpose cleaning spray.



**11** Lower the car. Open the hood.



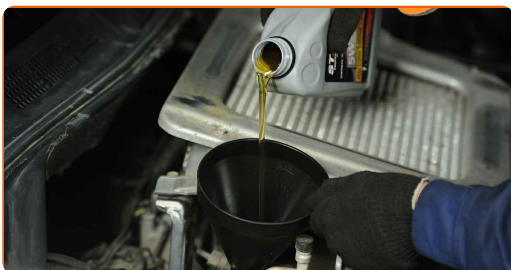
**12** Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.

**13** Unscrew the oil filler plug. Remove the oil filler cap.



**14** Insert the funnel.

**15** Pour oil into the engine through the filler. Required amount of oil: 5.2 l.

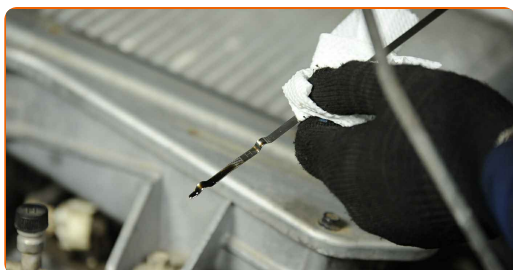


Replacement: engine oil and filter – Nissan X Trail T30. Professionals recommend:

- Use the oil recommended by the manufacturer.

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Check the oil level using the dipstick. Top up oil if necessary.

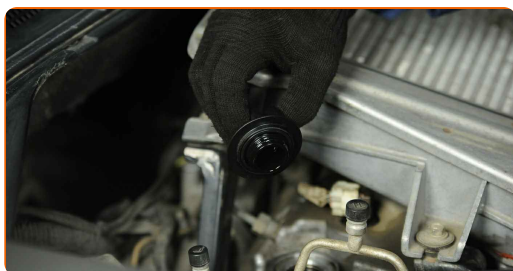


Please note!

- The oil level should be between the Min and Max marks.

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Install the oil filler cap.



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Tighten the oil filler cap.



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Run the engine for a few minutes. After the oil pressure warning light goes out, stop the engine.



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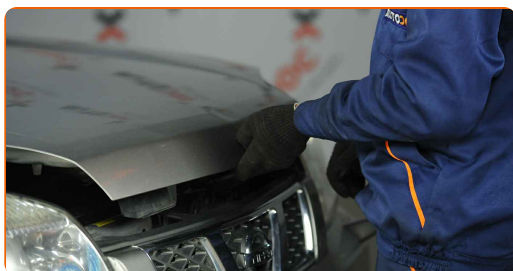
Check the oil level 5 minutes after the stop of the engine operation using a dipstick and add oil if necessary.

**Please note!**

- The oil level should be between the Min and Max marks.
- Make sure that the oil filler cap is properly tightened.
- Check the threaded plug of the drainage hole and the oil filter seal for tightness. If necessary, carefully tighten them up.

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Remove the fender protection cover. Close the hood.



Replacement: engine oil and filter – Nissan X Trail T30. Tip from AUTODOC experts:

- Note that oil pressure warning light, which indicates insufficient pressure in the lubrication system, may be on for a longer time than usual. After a few seconds, the oil will fill all the channels, and the light will go out.
- To protect the environment from pollution, be sure to dispose of the used filters at special collection points.

**WELL DONE!** 

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