



How to change
serpentine belt on **Nissan**
X Trail T30 – replacement
guide

VIDEO TUTORIAL

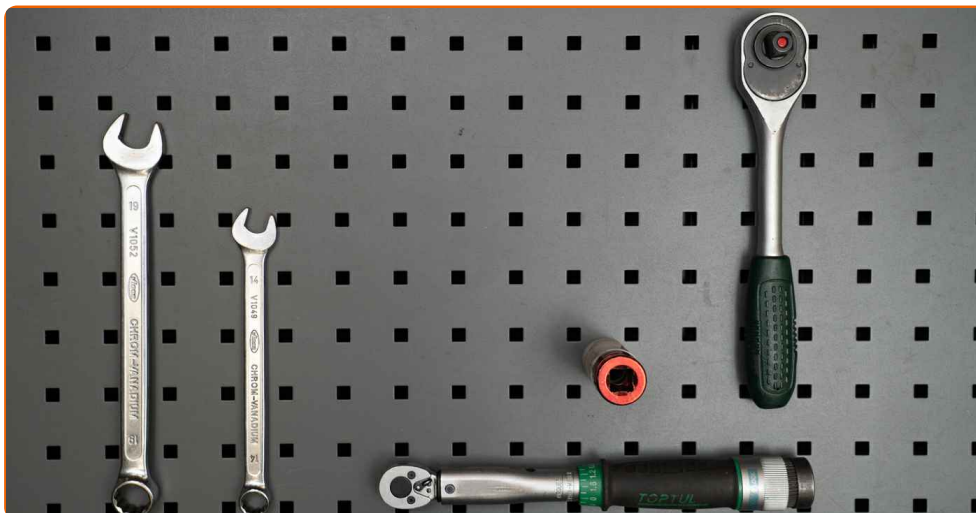
** Important!**

This replacement procedure can be used for:

NISSAN X-TRAIL (T30) 2.0 4x4, NISSAN PRIMERA (P12) 2.0, NISSAN PRIMERA Estate (WP12) 2.0, NISSAN PRIMERA Hatchback (P12) 2.0, NISSAN X-TRAIL (T30) 2.5 4x4, NISSAN X-TRAIL (T30) 2.0, NISSAN TEANA I (J31) 2.0

The steps may slightly vary depending on the car design.

REPLACEMENT: SERPENTINE BELT – NISSAN X TRAIL
T30. LIST OF THE TOOLS YOU'LL NEED:



- Torque wrench
- Combination spanner #14
- Combination spanner #19
- Wheel impact socket #21
- Ratchet wrench
- Wheel chock

BUY TOOLS

Replacement: serpentine belt – Nissan X Trail T30. Tip from AUTODOC experts:

- All work should be done with the engine stopped.

REPLACEMENT: SERPENTINE BELT – NISSAN X TRAIL T30. RECOMMENDED SEQUENCE OF STEPS:

1 Secure the wheels with chocks.

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



3 Raise the car.



Replacement: serpentine belt – Nissan X Trail T30. Professionals recommend:

- 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.

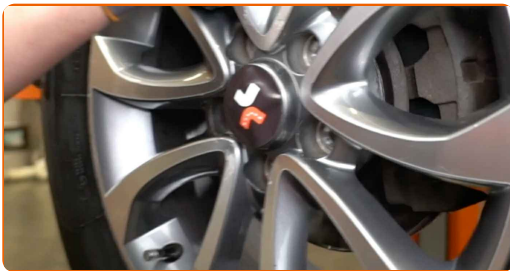


AUTODOC recommends:

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

5

Remove the wheel.



6

Unscrew and detach the engine side cover fasteners.

7

Remove the engine cover.

8

Pull aside the V-ribbed belt tensioner pulley. Use a combination spanner #14.



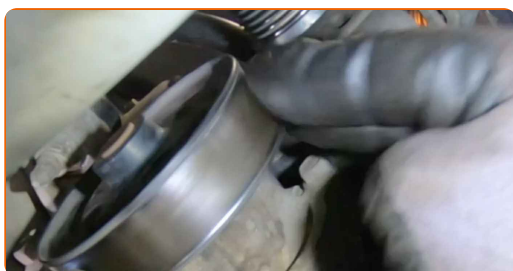
9 Remove the V-ribbed belt.



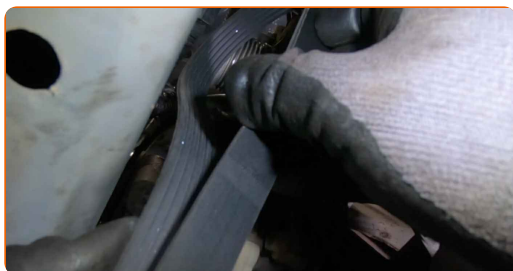
Replacement: serpentine belt – Nissan X Trail T30. AUTODOC experts recommend:

- Check the condition of the tensioner pulley and idler pulley. Replace them if necessary.

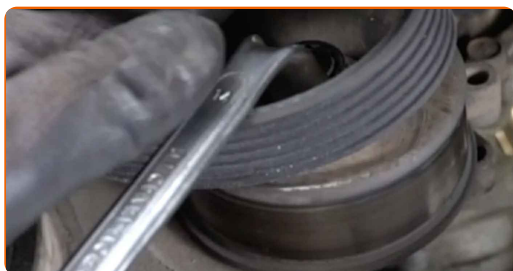
10 Return the tensioner pulley to its initial position.



11 Install the V-ribbed belt.



12 Pull aside the V-ribbed belt tensioner pulley.

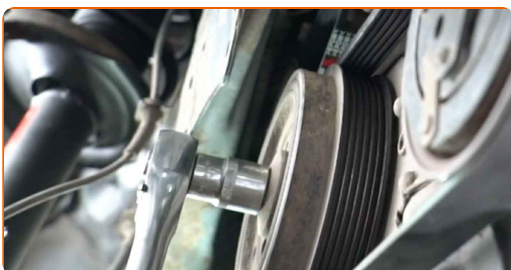


13 Place the V-ribbed belt on the tensioner pulley.



14 Return the tensioner pulley to its initial position.

15 Rotate the crankshaft several times to check whether the new V-ribbed belt is working correctly. Use a combination spanner #19. Use a ratchet wrench.



Replacement: serpentine belt – Nissan X Trail T30. Tip from AUTODOC:

- Make sure that the V-ribbed belt fits all pulleys snugly.
- Make sure that the V-ribbed belt is properly tensioned.

16 Run the engine for a few minutes. This is necessary in order to make sure that the component operates properly.

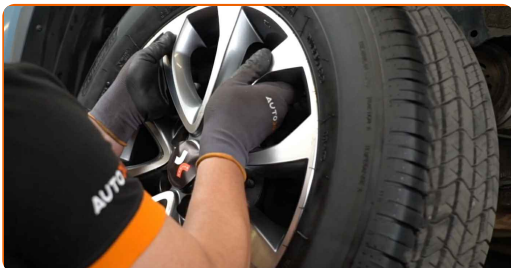


17 Shut off the engine.

18 Install the engine cover.

19 Install and screw in the engine side cover fasteners.

20 Install the wheel.



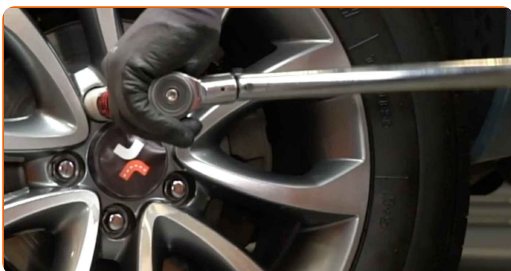
AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. Nissan X Trail T30

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



22 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.



23

Remove the jacks and chocks.



WELL DONE! 

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