



How to change camshaft
position sensor on
NISSAN X-Trail (T32) –
replacement guide

SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

Important!

This replacement procedure can be used for:

NISSAN X-TRAIL (T32) 2.0 dCi (T32), NISSAN X-TRAIL (T32) 2.0 dCi ALL MODE 4x4-i (NT32)

The steps may slightly vary depending on the car design.

This tutorial was created based on the replacement procedure for a similar car part on: RENAULT MASTER II Box (FD) 2.2 dCi 90

REPLACEMENT: CAMSHAFT POSITION SENSOR – NISSAN X-TRAIL (T32). TOOLS YOU'LL NEED:



- Wire brush
- All-purpose cleaning spray
- Electronic spray
- Torque wrench
- 10 mm socket
- Ratchet wrench
- Mounting lever
- Paper towels

[Buy tools](#)

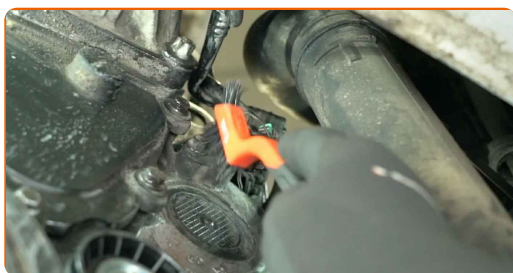
Replacement: camshaft position sensor – NISSAN X-Trail (T32). AUTODOC recommends:

- All the work should be carried out with the ignition switched off.

REPLACEMENT: CAMSHAFT POSITION SENSOR – NISSAN X-TRAIL (T32). TAKE THE FOLLOWING STEPS:

1 Lift the vehicle using a vehicle lift or place it over an inspection pit.

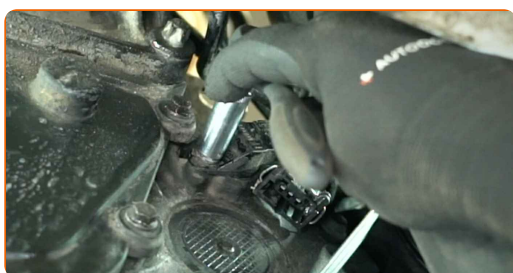
2 Clean the fastener of the camshaft position sensor. Use a wire brush. Use an all-purpose cleaning spray.



3 Detach the connector of the camshaft position sensor.



4 Unscrew the fastener of the camshaft position sensor. Use a 10 mm socket. Use a ratchet wrench.



5

Remove the fastening bolt.



6

Remove the camshaft position sensor.



7

Plug the sensor mounting hole with a paper towel to prevent dust and dirt from getting in.



8

Clean the mounting seat of the camshaft position sensor. Use an all-purpose cleaning spray.



9

Treat the connector of the camshaft position sensor. Use an electronic spray.



10

Remove the paper towel from the mounting hole.

11

Install the new camshaft position sensor.



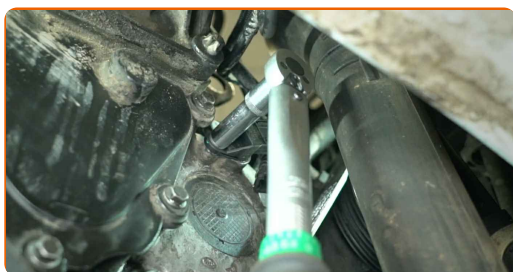
12

Install and screw in the fastening bolt. Use a 10 mm socket. Use a ratchet wrench.



13

Tighten the fastener of the camshaft position sensor. Use a 10 mm socket. Use a torque wrench. Tightening torque: 10 N·m.



- 14 Attach the connector of the camshaft position sensor.



- 15 Lower the vehicle.

- 16 Check that the new component is working.



WELL DONE! 

[VIEW MORE TUTORIALS](#)

AUTODOC – TOP QUALITY AND AFFORDABLE CAR PARTS ONLINE

AUTODOC MOBILE APP: GREAT DEALS AND CONVENIENT SHOPPING



+ AUTODOC

GET IT ON Google Play

Download on the App Store

Download

A GREAT SELECTION OF SPARE PARTS FOR YOUR CAR

CAMSHAFT POSITION SENSOR: A WIDE SELECTION

i DISCLAIMER:

The document contains only general recommendations that may be useful for you when you perform repair or replacement work. AUTODOC shall not be liable for any loss, injury, damage of property occurring in the repair or replacement process due to incorrect use or misinterpretation of the provided information.

AUTODOC shall not be liable for any possible mistakes and uncertainties in this guide. The information provided is for information purposes only and cannot replace advice from specialists.

AUTODOC shall not be liable for incorrect or hazardous usage of equipment, tools and car parts. AUTODOC strongly recommends to be careful and observe the safety rules when performing repair or replacement works. Remember: usage of low quality auto parts does not guarantee you the appropriate level of road safety.

© Copyright 2025 – All the contents of this website, in particular texts, photographs and graphics, are protected by copyright. All rights, including reproduction, publication, editing and translation rights, are reserved by AUTODOC SE.