



How to change glow
plugs on **NISSAN CUBE**
(Z12) – 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 CUBE (Z12) 1.5 dCi

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 Clio III Hatchback (BR0/1, CR0/1) 1.5 dCi

**REPLACEMENT: GLOW PLUGS – NISSAN CUBE (Z12).
TOOLS YOU MIGHT NEED:**



- Injector & glow plug grease
- Torque wrench
- Drive socket # 10
- Spark plug socket # 10
- Ratchet wrench
- Flat Screwdriver
- Combination pliers
- Crow bar
- Microfibre towel
- Fender cover

Buy tools

Replacement: glow plugs – NISSAN CUBE (Z12). AUTODOC recommends:

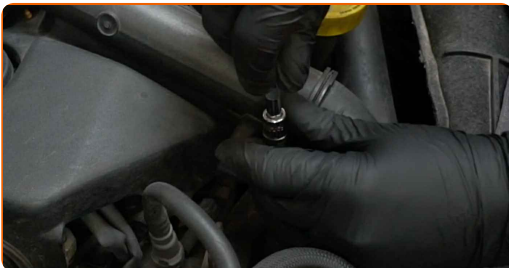
- The replacement procedure is identical for all glow plugs.
- Before getting down to work, start the engine and let it warm up to operating temperature.
- Wear gloves to protect your hands from hot surfaces.
- All work should be done with the engine stopped.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

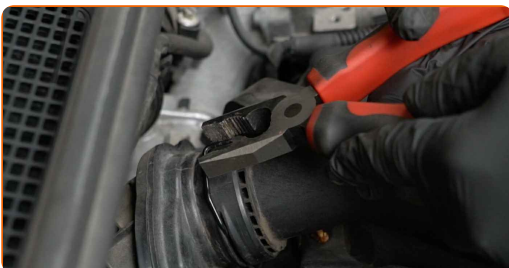
1 Open the bonnet.

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

3 Disconnect the air intake pipe fastening. Use a drive socket #10. Use a ratchet wrench.



4 Detach the air intake hose clamp. Use combination pliers. Use a crowbar.



5 Remove the air intake pipe.



6 Cover the air intake hose with a microfibre towel to prevent dust and dirt from getting into the system.



7 Detach the engine wiring harness. Use a flat screwdriver.



8 Unscrew the engine cover fastener. Use a drive socket #10. Use a ratchet wrench.



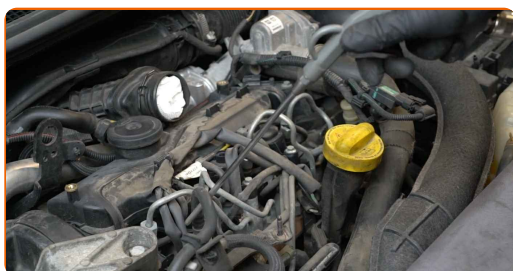
9 Remove the engine cover.



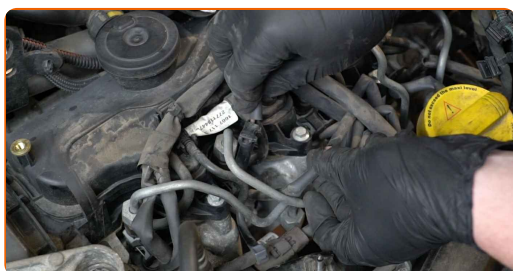
Replacement: glow plugs – NISSAN CUBE (Z12). Tip from AUTODOC experts:

- Do not apply excessive force when removing the part. Otherwise you may damage it.

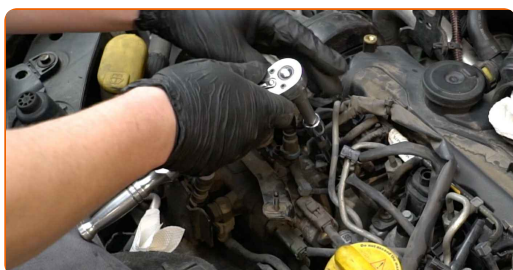
10 Clean dirt, dust and debris from inside the spark plug wells.



11 Detach the glow plug wiring connectors.



12 Unscrew the glow plugs. Use the spark plug socket #10. Use a ratchet wrench.



13 Remove the glow plugs.



14 Treat the glow plugs. Use the injector & glow plug grease.



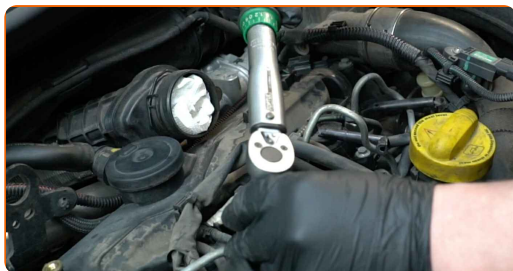
Please note!

- Do not touch the heating element as fingerprints may cause malfunction.

15 Install new glow plugs to their mounting seats.



16 Tighten the glow plugs. Use the spark plug socket #10. Use a torque wrench. Tighten it to 15 nm torque.

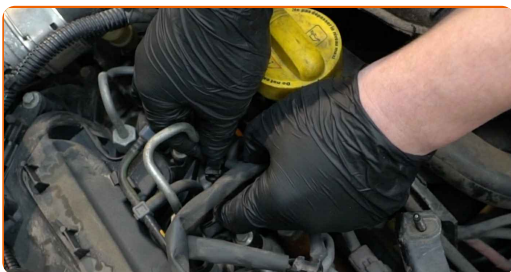


Replacement: glow plugs – NISSAN CUBE (Z12). Tip from AUTODOC:

- Don't tighten the plugs with excessive force. Exceeding tightening torque can damage the thread connection.
- Be careful when working with a spark plug wrench. Its skewing can cause damage to the threaded connection.

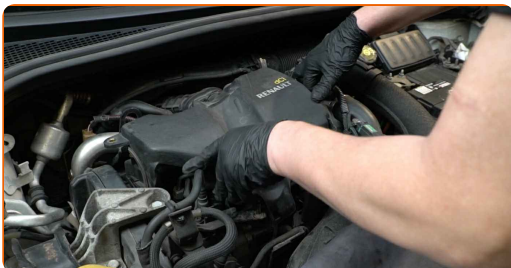
17

Attach the glow plug wiring connectors.



18

Install the engine cover and secure it.



AUTODOC recommends:

- Replacement: glow plugs – NISSAN CUBE (Z12). Do not use excessive force during installation. This may damage the part.

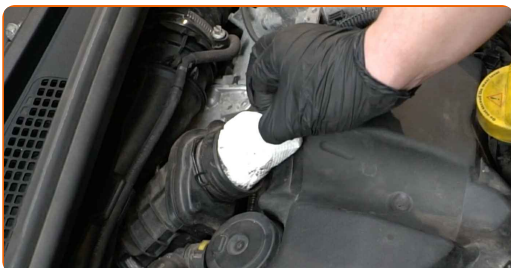
19 Screw in the engine cover fasteners. Use a drive socket #10. Use a ratchet wrench.



20 Attach the engine wiring harness. Use a flat screwdriver.



21 Remove the microfibre towel from the air intake hose.



22 Install the air intake pipe and secure it.



23 Fasten the clamp on the air intake hose. Use combination pliers.



24

Screw in the fastener of the air intake pipe. Use a drive socket #10. Use a ratchet wrench.



25

Remove the fender protection cover.

26

Close the hood.

27

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

28

Shut off the engine.

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

GLOW PLUGS: A WIDE SELECTION

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 2022 – 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 GmbH.