



How to change spark
plugs on **NISSAN**
PRIMERA (P11) –
replacement guide

SIMILAR VIDEO TUTORIAL



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

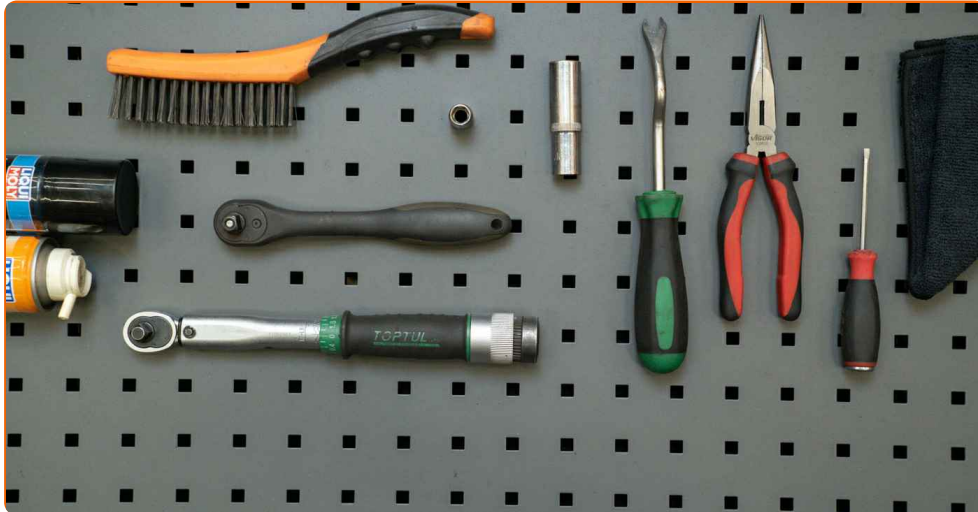
Important!

This replacement procedure can be used for:
 NISSAN PRIMERA (P11) 1.6 16V

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: NISSAN MICRA III (K12) 1.4 16V

REPLACEMENT: SPARK PLUGS – NISSAN PRIMERA (P11). LIST OF THE TOOLS YOU'LL NEED:



- High-temperature anti-seize lubricant
- Dielectric grease
- Torque wrench
- Drive socket # 10
- Spark plug socket # 16
- Ratchet wrench
- Flat screwdriver
- Clip removal tool
- Long nose pliers
- Microfibre towel
- Fender cover

Buy tools

Replacement: spark plugs – NISSAN PRIMERA (P11). Professionals recommend:

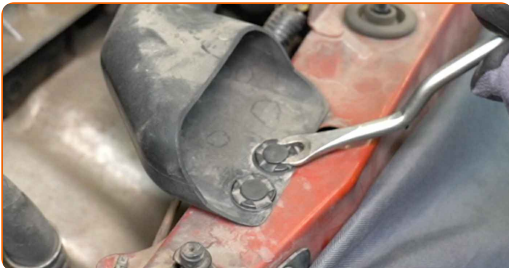
- The replacement procedure is the same for all spark plugs.
- Please note: all work on the car – NISSAN PRIMERA (P11) – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

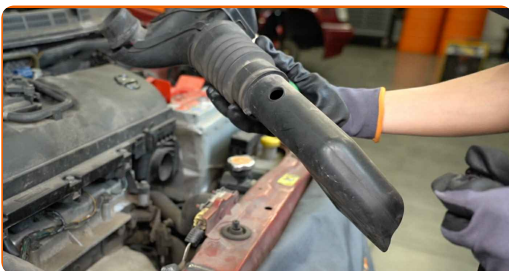
1 Open the bonnet.

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

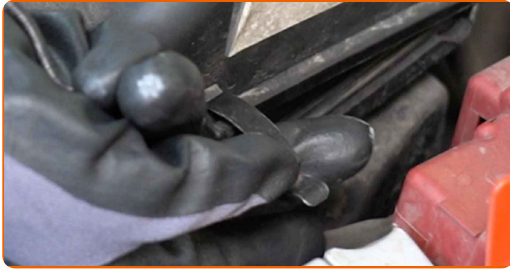
3 Disconnect the fastener of the air intake hose. Use a clip removal tool.



4 Remove the air intake hose.



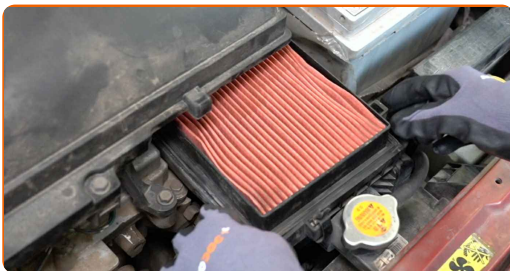
5 Release the air filter housing retainers.



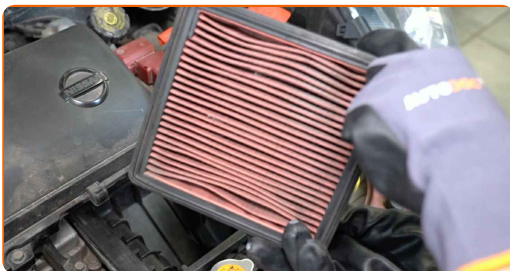
Replacement: spark plugs – NISSAN PRIMERA (P11). Tip:

- The air filter housing is built into the engine cover.

6 Detach the air filter housing.



7 Remove the filter element from the filter housing.



8 Move the air filter housing aside.



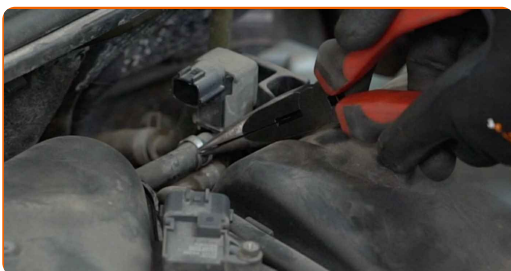
9

Detach the connectors from the engine cover. Use a flat screwdriver.



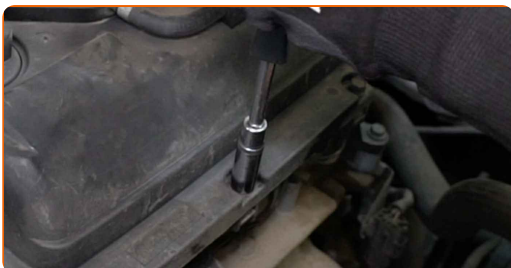
10

Loosen the clamps and detach the hoses from the engine cover. Use long nose pliers.



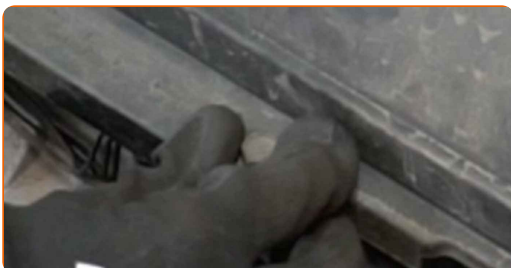
11

Unscrew the fasteners of the upper engine cover. Use a drive socket #10. Use a ratchet wrench.



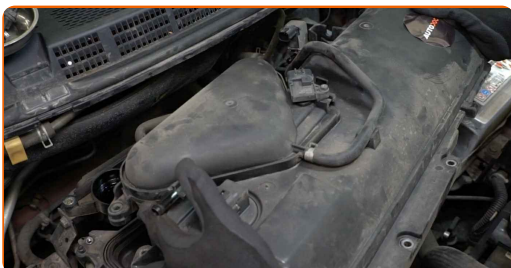
12

Remove the fastening bolts.

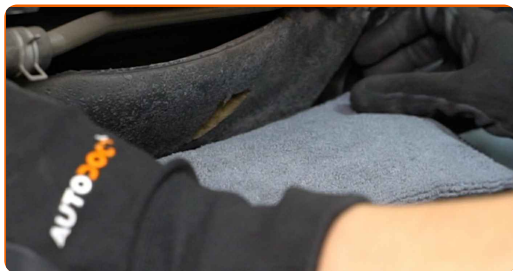


13

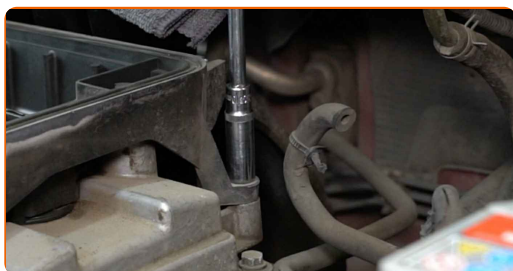
Remove the upper engine cover.



14 Cover the intake channels of the engine with a microfibre cloth to prevent dust and dirt from getting inside.

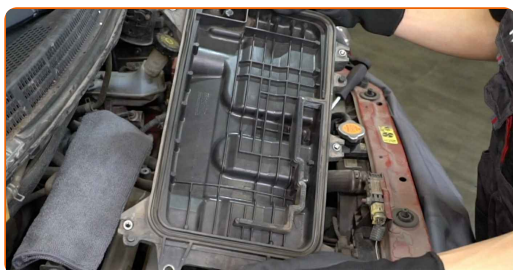


15 Unscrew the fasteners of the lower engine cover. Use a drive socket #10. Use a ratchet wrench.

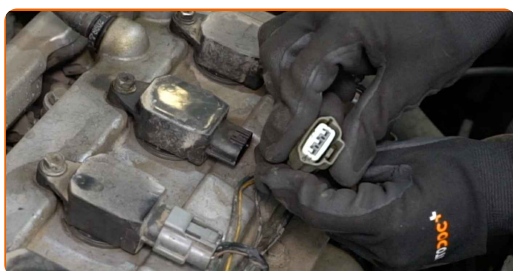


16 Remove the fastening bolts.

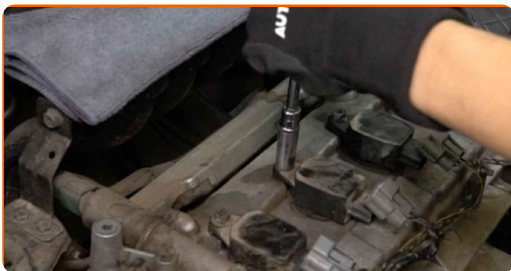
17 Remove the lower engine cover.



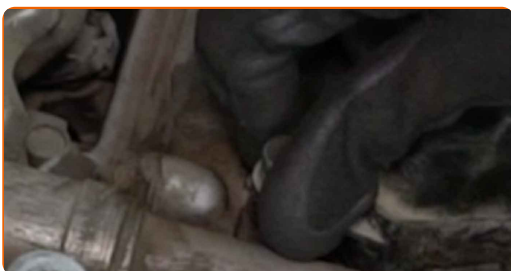
18 Unplug the connectors from the ignition coils.



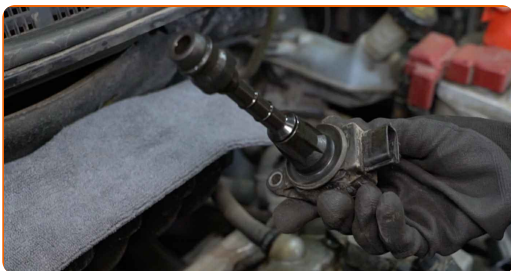
19 Unscrew the fasteners of the ignition coils. Use a drive socket #10. Use a ratchet wrench.



20 Remove the fastening bolts.



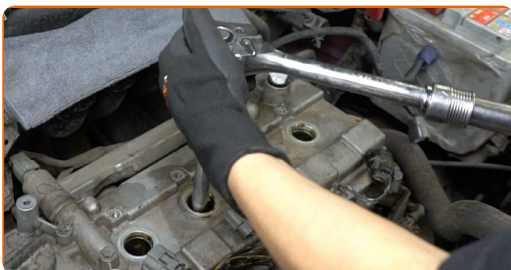
21 Take out the ignition coils from the spark plug wells.



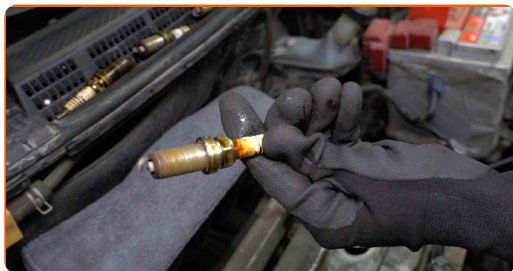
22 Clean dirt, dust and debris from inside the spark plug wells.



23 Unscrew the spark plugs. Use the spark plug socket #16. Use a ratchet wrench.



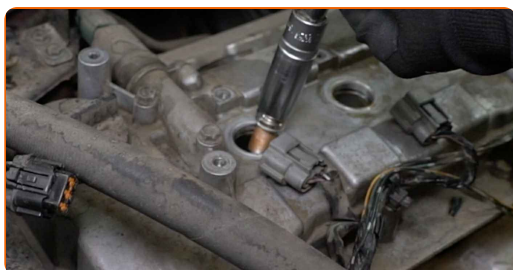
24 Take out the spark plugs.



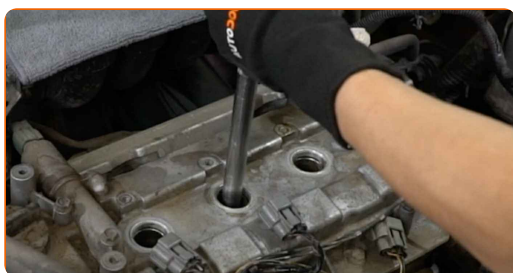
25 Apply a thin layer of a special high temperature anti-seize lubricant to the threads of the new spark plugs.



26 Install the new spark plugs into their mounting seats.



27 Screw new spark plugs and tighten them. Use the spark plug socket #16. Use a torque wrench. Tighten it to 25 nm torque.

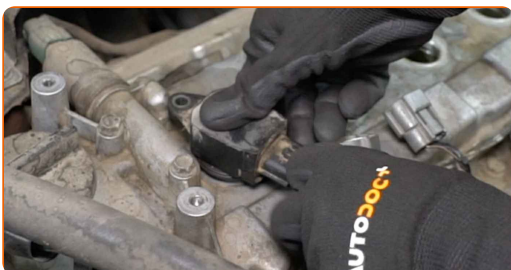


Replacement: spark plugs – NISSAN PRIMERA (P11). AUTODOC experts recommend:

- 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.

28

Install the ignition coils to the spark plug wells.

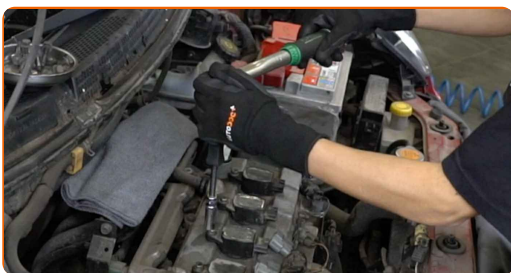


29

Install the fastening bolts.

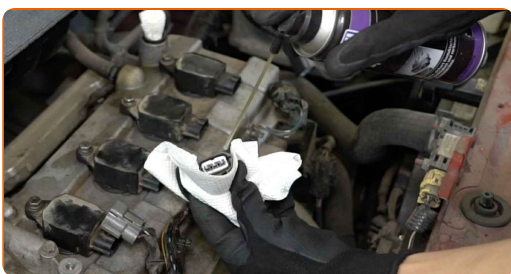
30

Tighten the ignition coil fasteners. Use a drive socket #10. Use a torque wrench. Tighten it to 9 nm torque.



31

Treat the connectors of the ignition coils with an electrical contact cleaner spray.

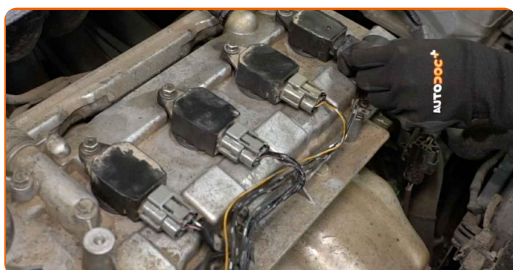


Replacement: spark plugs – NISSAN PRIMERA (P11). Tip:

- The compound will protect the contacts from corrosion and oxidation, and will lower the contact resistance.

32

Plug in the connectors of the ignition coils.



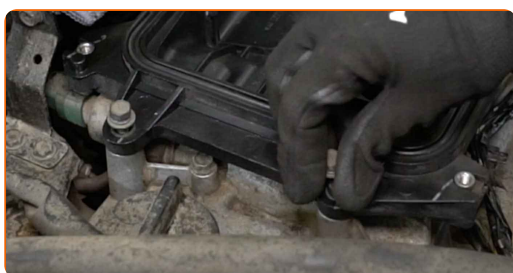
33

Install the lower engine cover.



34

Install the fastening bolts.



35

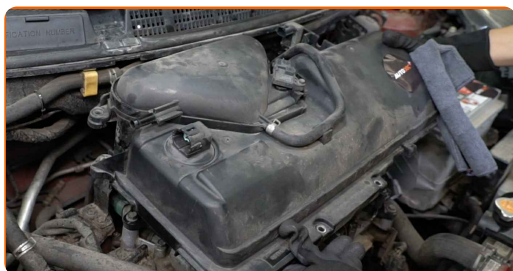
Screw in the fasteners of the lower engine cover. Use a drive socket #10. Use a ratchet wrench.

36

Remove the microfibre cloth from the engine intake channels.

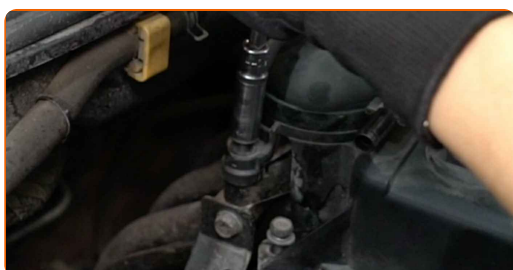


37 Install the upper engine cover.

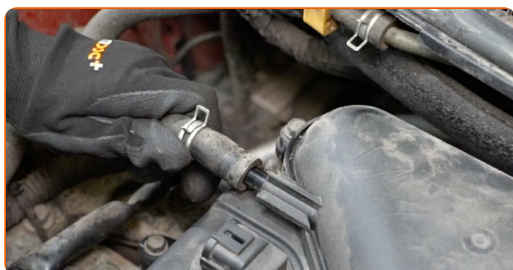


38 Install the fastening bolts.

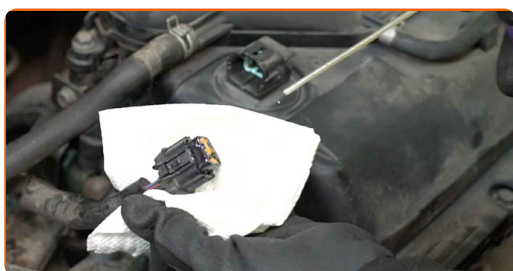
39 Screw in the fasteners of the upper engine cover. Use a drive socket #10. Use a ratchet wrench.



40 Attach the hoses to the engine cover and secure them with the clamps. Use long nose pliers.



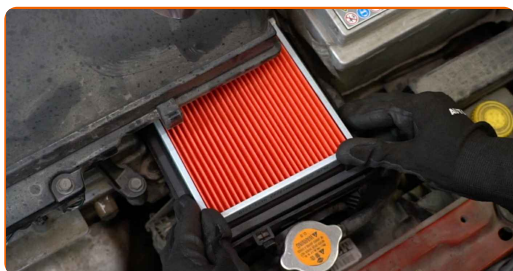
41 Treat the engine cover connectors. Use dielectric grease.



42 Attach the connectors to the engine cover. Use a flat screwdriver.



43 Insert the filter cartridge into the filter housing.



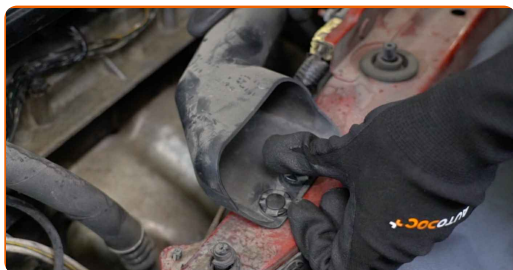
44 Install the air filter housing.



45 Lock the air filter housing retainers.



46 Install the air intake hose and secure it.



47 Run the engine for a few minutes.

Replacement: spark plugs – NISSAN PRIMERA (P11). AUTODOC recommends:

- This is necessary in order to make sure that the component operates properly.

48 Shut off the engine.

49 Remove the fender protection cover.

50 Close the bonnet.

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

SPARK 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 2023 – 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.