



How to change ignition  
coil on **NISSAN NV200**  
**Box Body / Estate (M20)**  
– replacement guide

## SIMILAR VIDEO TUTORIAL



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

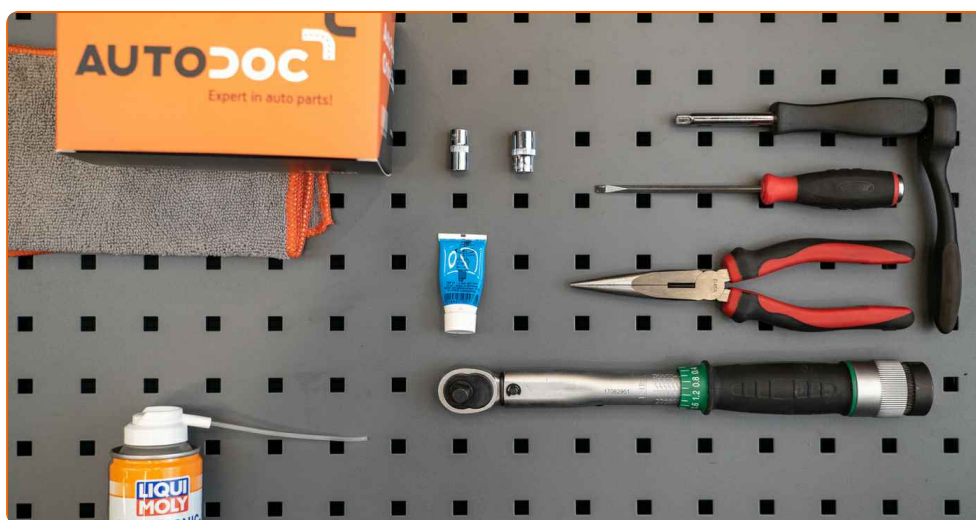
### ⓘ Important!

This replacement procedure can be used for:  
NISSAN NV200 Box Body / Estate (M20) 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 Qashqai / Qashqai+2 I (J10, NJ10) 1.6

## REPLACEMENT: IGNITION COIL – NISSAN NV200 BOX BODY / ESTATE (M20). LIST OF THE TOOLS YOU'LL NEED:



- Electronic spray
- Torque wrench
- Drive socket # 8
- Drive socket # 10
- Ratchet wrench
- Round-nose pliers
- Flat screwdriver
- Microfibre towel
- Fender cover

**Buy tools**

Replacement: ignition coil – NISSAN NV200 Box Body / Estate (M20).  
AUTODOC experts recommend:

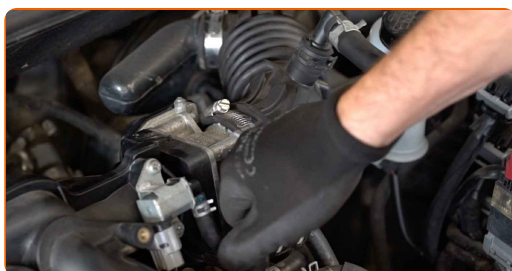
- The replacement procedure is the same for the ignition coils of all cylinders.
- All work should be done with the engine stopped.

## REPLACEMENT: IGNITION COIL – NISSAN NV200 BOX BODY / ESTATE (M20). USE THE FOLLOWING PROCEDURE:

1 Open the hood.

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

3 Disconnect the crankcase ventilation hose from the air duct. Use round-nose pliers.

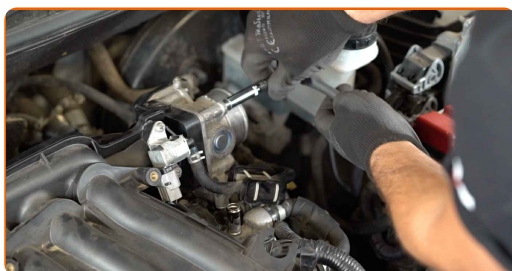


4 Unscrew the clamps and fasteners on the air filter intake pipe. Use a drive socket #10. Use a ratchet wrench.

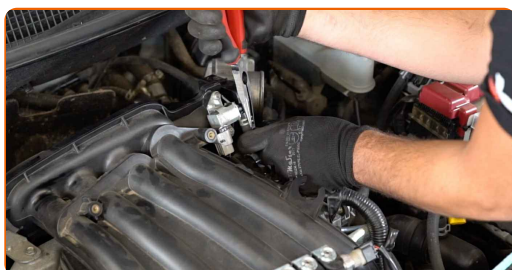


5 Disconnect the air intake pipe from the air filter housing.

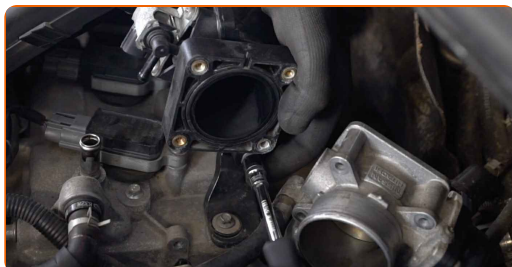
- 6** Unscrew the fasteners connecting the throttle valve to the intake manifold. Use a drive socket #8. Use a ratchet wrench.



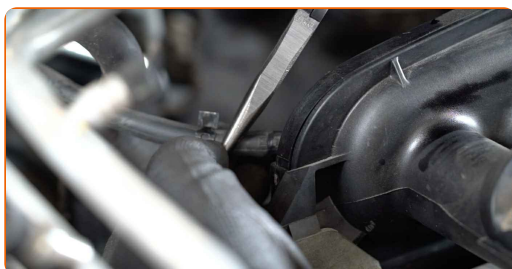
- 7** Release the clamp and detach the connector and the vacuum hose from the intake manifold near the throttle valve. Use round-nose pliers.



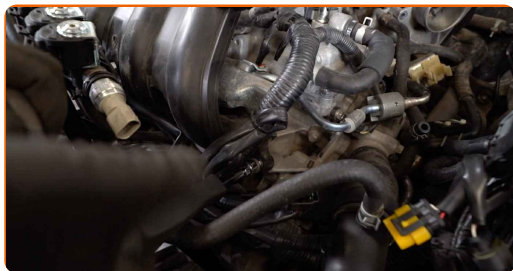
- 8** Unscrew the fasteners of the intake manifold bracket. Use a drive socket #10.



- 9** Detach the vacuum booster hose from the intake manifold.



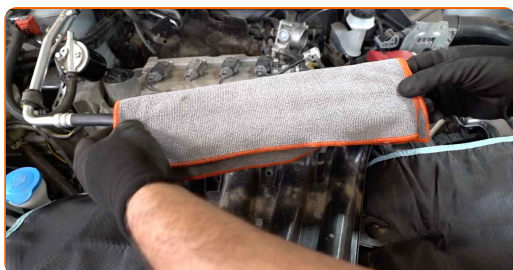
- 10** Unscrew the intake manifold fasteners. Use a drive socket #10. Use a ratchet wrench.



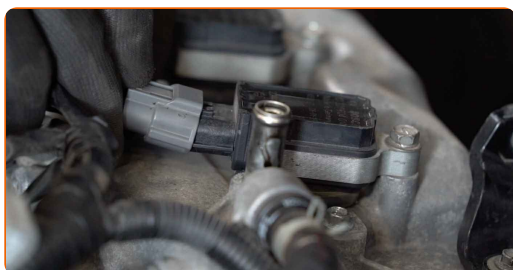
- 11** Remove the intake manifold.



- 12** Cover the intake manifold passages with a microfibre towel to prevent dust and dirt from getting inside.



- 13** Detach the connector from the ignition coil.



- 14** Unscrew the ignition coil bracket. Use a drive socket #10.



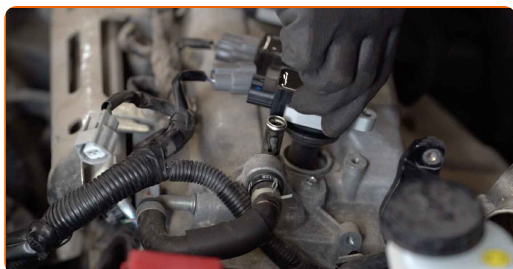


- 15 Take out the ignition coil from the spark plug well.



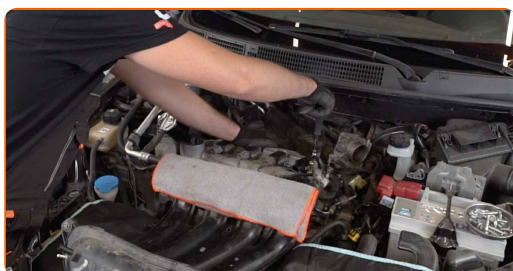
- 16 Clean dirt, dust and debris from inside the spark plug well.

- 17 Install the new ignition coil to the spark plug well. Make sure you hear a click indicating that it is locked in place.

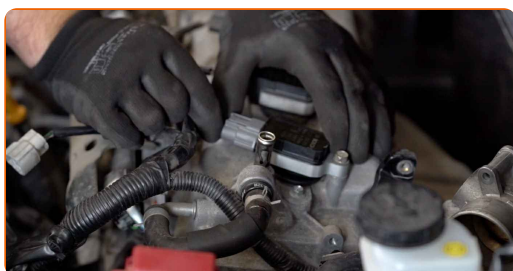


- 18 Treat the ignition coil connector with electronic spray. The spray will protect the electrical contacts from corrosion, oxidation, and will reduce the contact resistance.

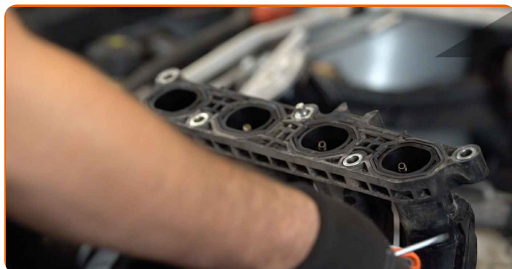
- 19 Tighten the ignition coil fastening. Use a drive socket #10. Use a torque wrench. Tighten it to 7 nm torque.



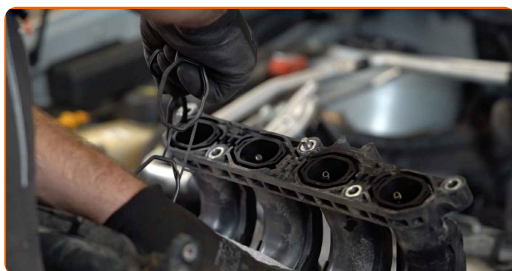
- 20 Plug in the ignition coil connector.



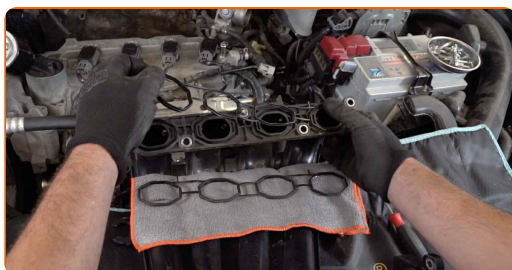
- 21 Remove the microfibre towel from the intake manifold.



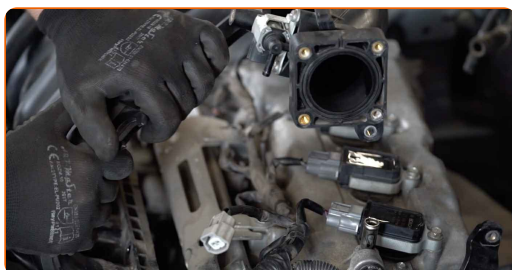
- 22 Remove the intake manifold gasket. Use a flat screwdriver.



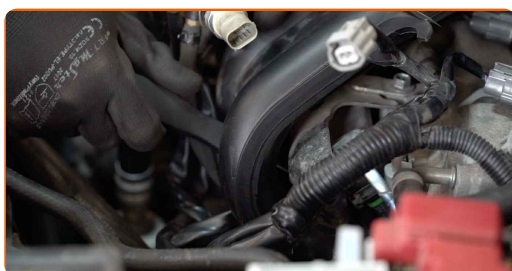
- 23 Install the new intake manifold gasket.



- 24 Install the intake manifold.



- 25 Tighten the intake manifold fasteners. Use a drive socket #10. Use a torque wrench. Tighten it to 27 nm torque.

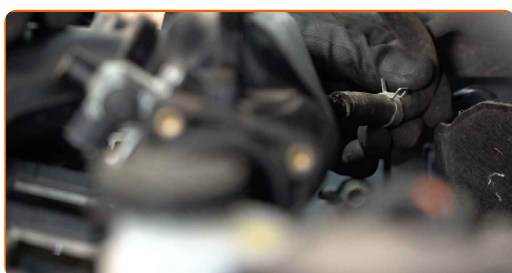




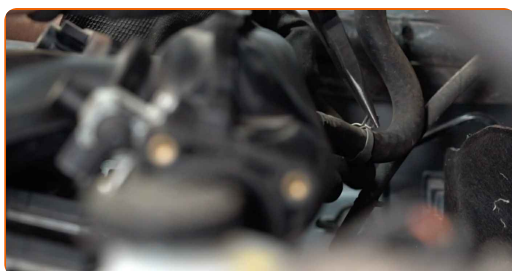
- 26** Tighten the fasteners of the intake manifold bracket. Use a drive socket #10. Use a torque wrench. Tighten it to 10 nm torque.



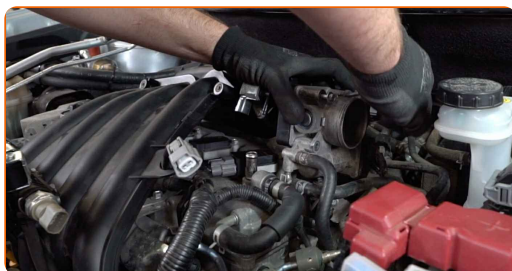
- 27** Attach the vacuum booster hose to the intake manifold.



- 28** Squeeze and install the vacuum booster hose clamp. Use round-nose pliers.



- 29** Install the throttle valve on the intake manifold.



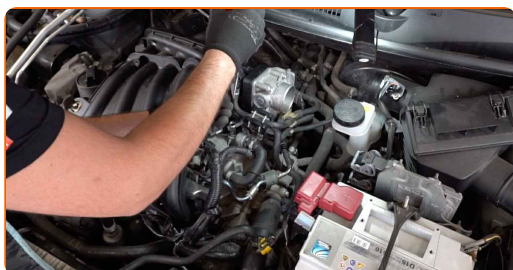
**30** Tighten the throttle valve fasteners. Use a drive socket #8. Use a torque wrench. Tighten it to 10 nm torque.



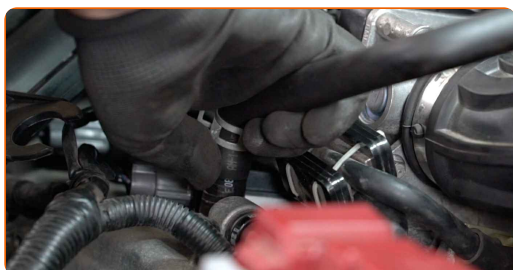
**31** Attach the connector and the vacuum hose to the intake manifold near the throttle valve. Use round-nose pliers.



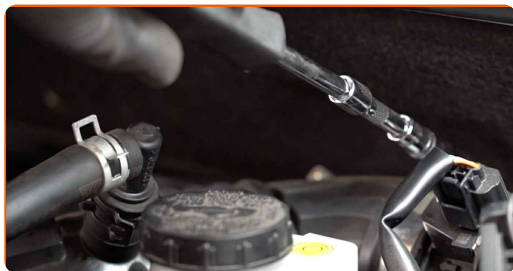
**32** Connect the air intake pipe to the air filter housing.



**33** Connect the crankcase ventilation hose to the air duct. Use round-nose pliers.



**34** Tighten the clamp and the fasteners on the air filter intake pipe. Use a drive socket #10. Use a ratchet wrench.



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

**36** Shut off the engine.

**37** Remove the fender protection cover.

**38** Close the hood.

**WELL DONE!** 

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