



How to change ignition
coil on **Nissan Qashqai**
J10 – replacement guide

VIDEO TUTORIAL



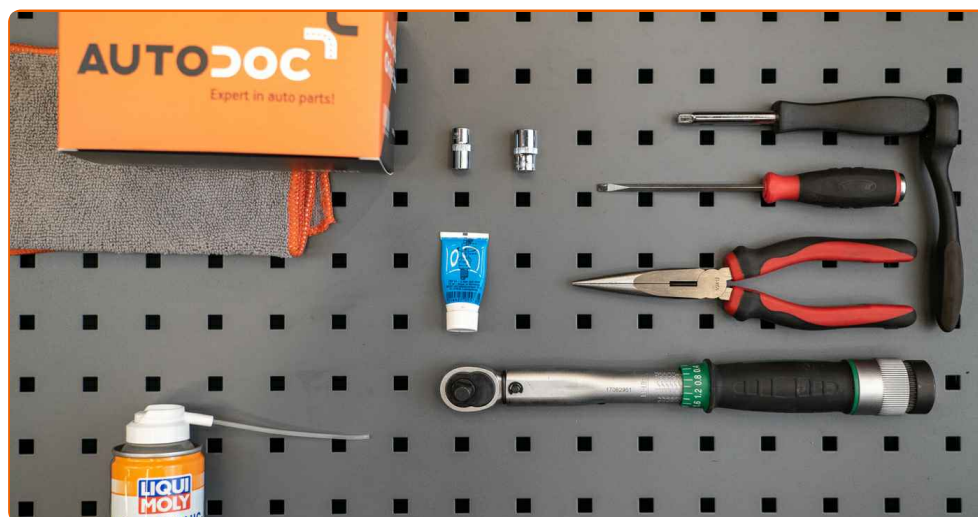
Important!

This replacement procedure can be used for:

NISSAN Qashqai / Qashqai+2 I (J10, NJ10) 1.6, NISSAN Qashqai / Qashqai+2 I (J10, NJ10) 2.0, NISSAN Qashqai / Qashqai+2 I (J10, NJ10) 2.0 All-wheel Drive, NISSAN Micra C+C III (K12) 1.6 160 SR, NISSAN Micra III Hatchback (K12) 1.6 SR 160, NISSAN Note I (E11, NE11) 1.6, NISSAN X-Trail (T31) 2.0, NISSAN Tiida Hatchback (C11) 1.6, NISSAN Tiida Hatchback (C11) 1.8, NISSAN Tiida Saloon (SC11X) 1.6, NISSAN Tiida Saloon (SC11X) 1.8, NISSAN X-Trail (T31) 2.0 FWD, NISSAN NV200 Box Body / Estate (M20) 1.6 16V, NISSAN Qashqai / Qashqai+2 I (J10, NJ10) 1.6 LPG

The steps may slightly vary depending on the car design.

REPLACEMENT: IGNITION COIL – NISSAN QASHQAI J10. 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 Qashqai J10. AUTODOC experts recommend:

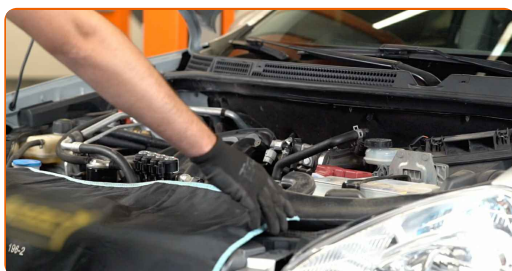
- The replacement procedure is the same for the ignition coils of all cylinders.
- All work should be done with the engine stopped.

REPLACEMENT: IGNITION COIL – NISSAN QASHQAI J10. USE THE FOLLOWING PROCEDURE:

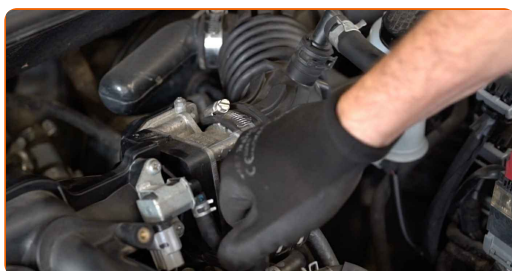
1 Open the hood.



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.



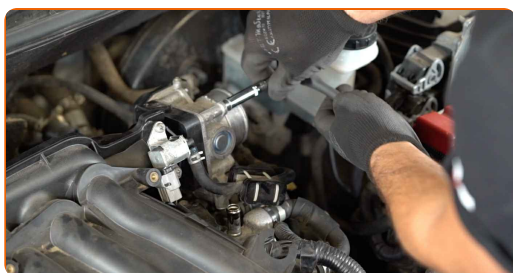
- 4 Unscrew the clamps and fasteners on the air filter intake pipe. Use a drive socket #10. Use a ratchet wrench.



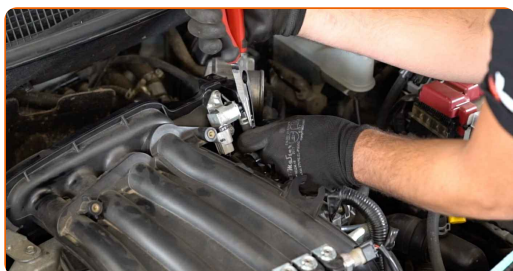
- 5 Disconnect the air intake pipe from the air filter housing.



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

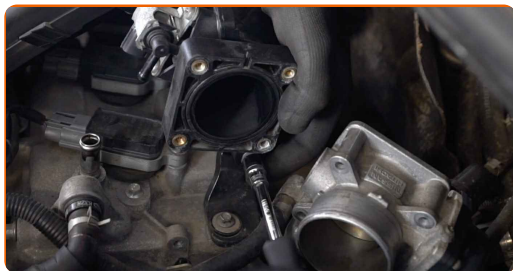


- 7 Release the clamp and detach the connector and the vacuum hose from the intake manifold near the throttle valve. Use round-nose pliers.



8

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



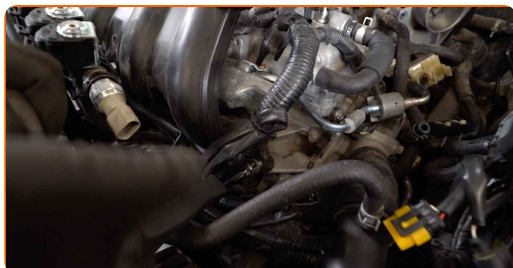
9

Detach the vacuum booster hose from the intake manifold.



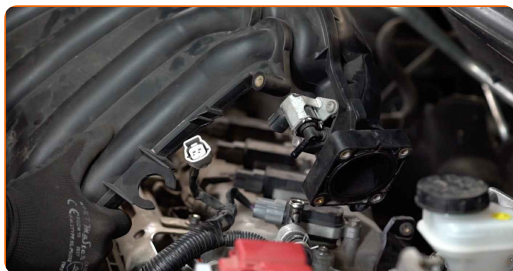
10

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



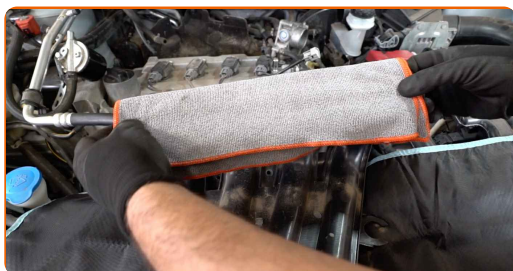
11

Remove the intake manifold.



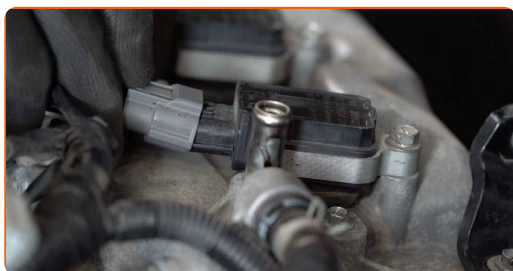
12

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

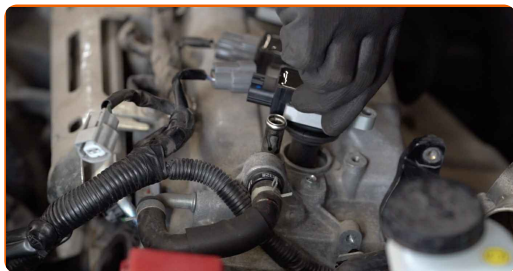
Take out the ignition coil from the spark plug well.



16

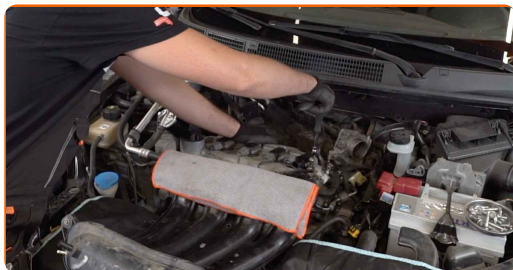
Clean dirt, dust and debris from inside the spark plug well.

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

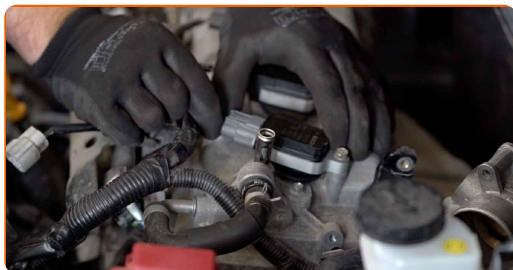


- 18 Treat the ignition coil connector with electronic spray. The spray will protect the electrical contacts from corrosion, oxidation, and will reduce the contact resistance.

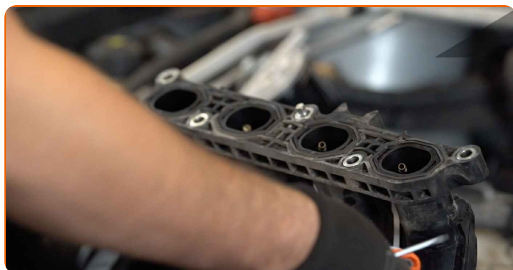
- 19 Tighten the ignition coil fastening. Use a drive socket #10. Use a torque wrench. Tighten it to 7 nm torque.



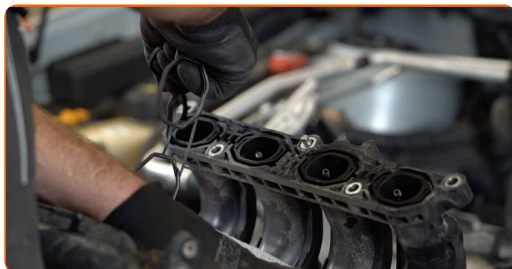
- 20 Plug in the ignition coil connector.



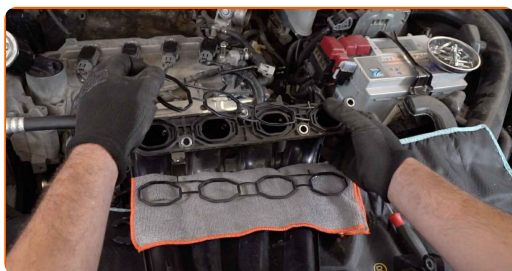
- 21 Remove the microfibre towel from the intake manifold.



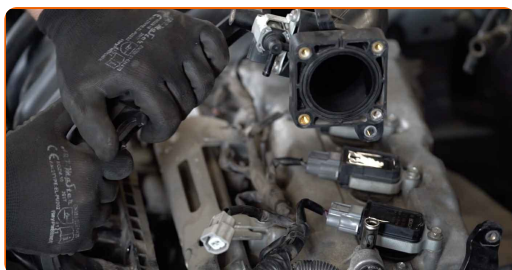
- 22** Remove the intake manifold gasket. Use a flat screwdriver.



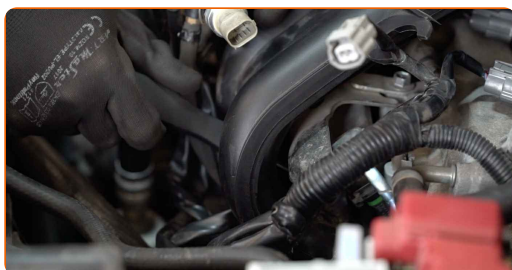
- 23** Install the new intake manifold gasket.



- 24** Install the intake manifold.



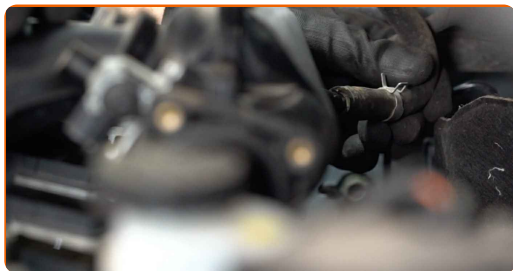
- 25** Tighten the intake manifold fasteners. Use a drive socket #10. Use a torque wrench. Tighten it to 27 nm torque.



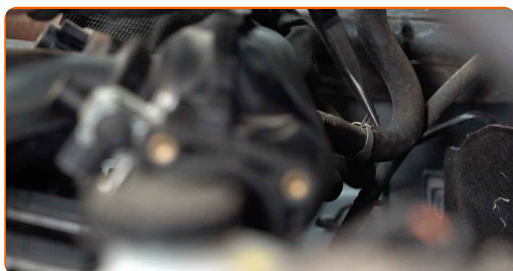
- 26** Tighten the fasteners of the intake manifold bracket. Use a drive socket #10. Use a torque wrench. Tighten it to 10 nm torque.



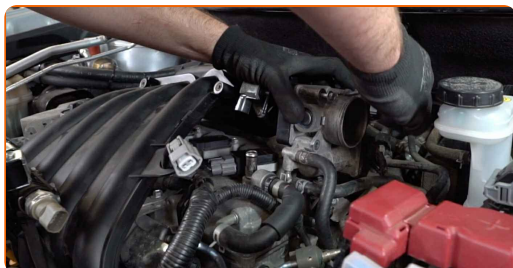
- 27 Attach the vacuum booster hose to the intake manifold.



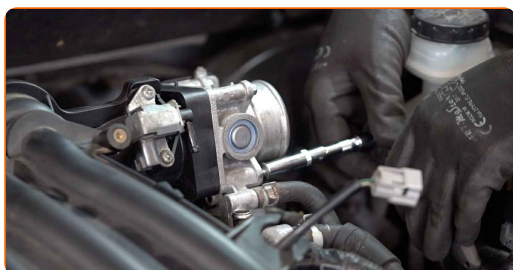
- 28 Squeeze and install the vacuum booster hose clamp. Use round-nose pliers.



- 29 Install the throttle valve on the intake manifold.



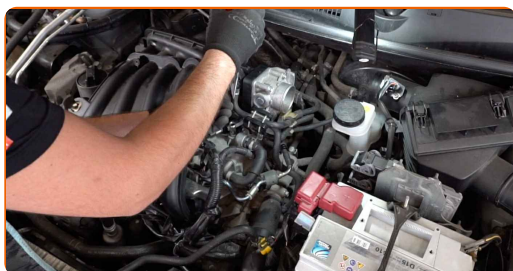
- 30 Tighten the throttle valve fasteners. Use a drive socket #8. Use a torque wrench. Tighten it to 10 nm torque.



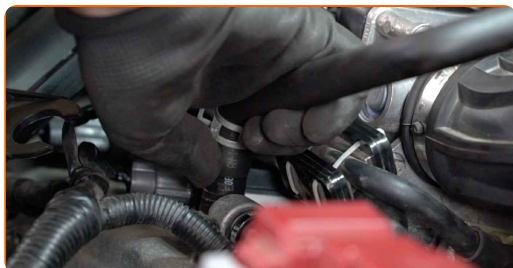
- 31** Attach the connector and the vacuum hose to the intake manifold near the throttle valve. Use round-nose pliers.



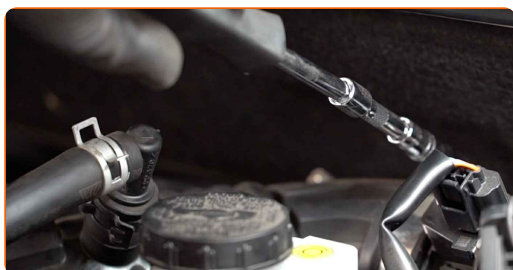
- 32** Connect the air intake pipe to the air filter housing.



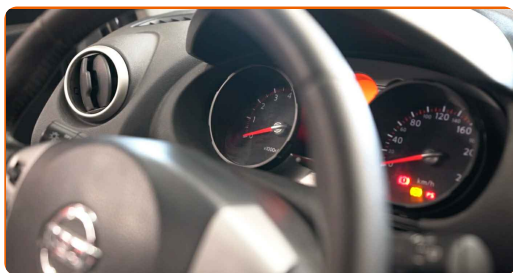
- 33** Connect the crankcase ventilation hose to the air duct. Use round-nose pliers.



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

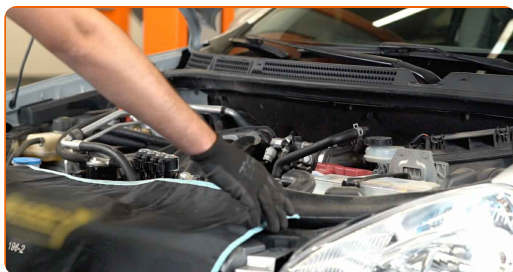


- 35 Run the engine for a few minutes. This is necessary in order to make sure that the component operates properly.

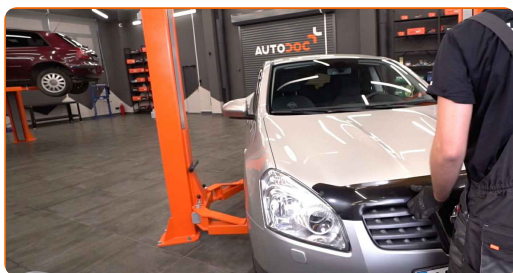


- 36 Shut off the engine.

- 37 Remove the fender protection cover.



- 38 Close the hood.



WELL DONE! 

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