



How to change glow
plugs on **RENAULT**
LOGAN I Estate (KS_) –
replacement guide

SIMILAR VIDEO TUTORIAL



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

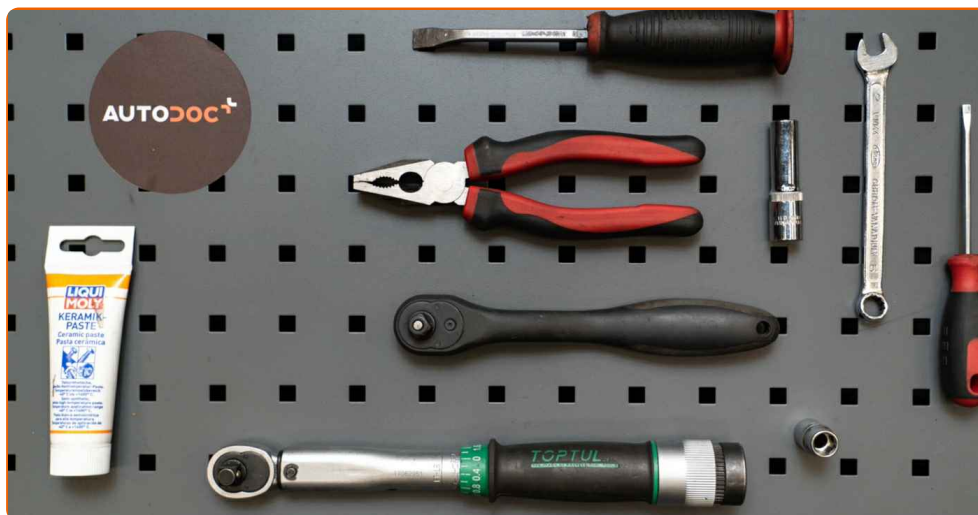
Important!

This replacement procedure can be used for:
RENAULT LOGAN I Estate (KS_) 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 – RENAULT LOGAN I
ESTATE (KS_). 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 – RENAULT LOGAN I Estate (KS_). AUTODOC recommends:

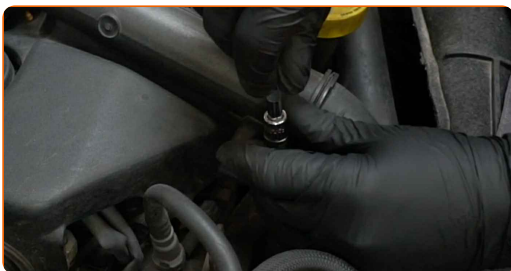
- The replacement procedure is identical for all glow plugs.
- Before getting down to work, start the engine and let it warm up to operating temperature.
- Wear gloves to protect your hands from hot surfaces.
- All work should be done with the engine stopped.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

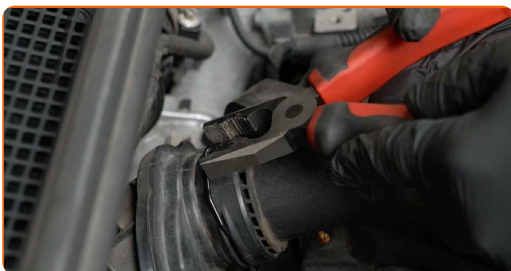
1 Open the bonnet.

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

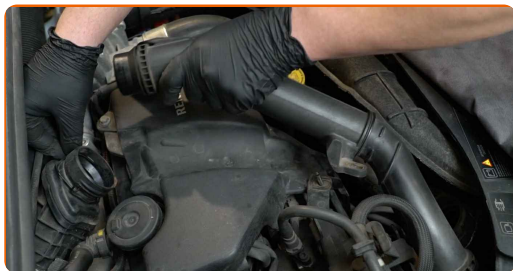
3 Disconnect the air intake pipe fastening. Use a drive socket #10. Use a ratchet wrench.



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



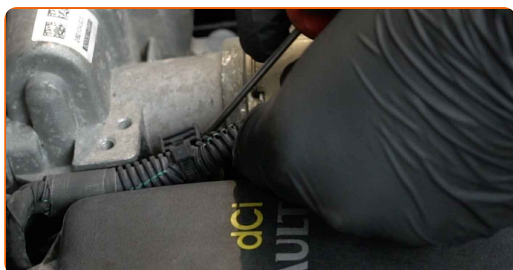
5 Remove the air intake pipe.



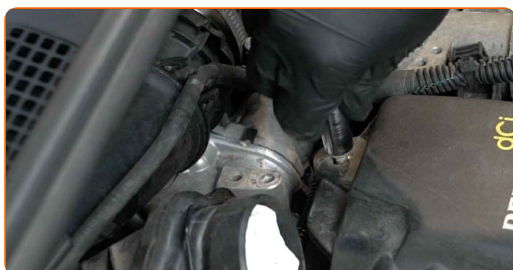
6 Cover the air intake hose with a microfibre towel to prevent dust and dirt from getting into the system.



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.



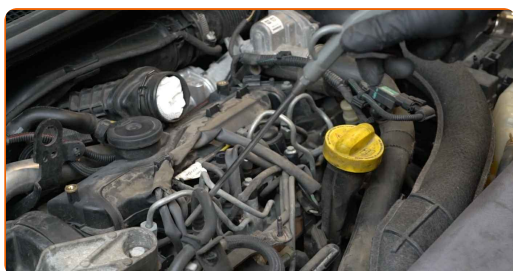
9 Remove the engine cover.



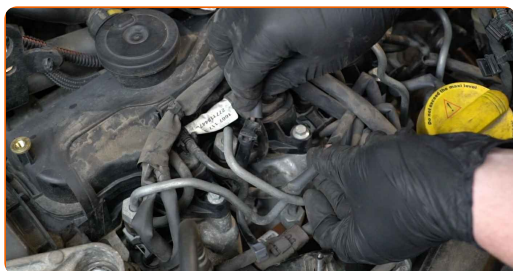
Replacement: glow plugs – RENAULT LOGAN I Estate (KS_). Tip from AUTODOC experts:

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

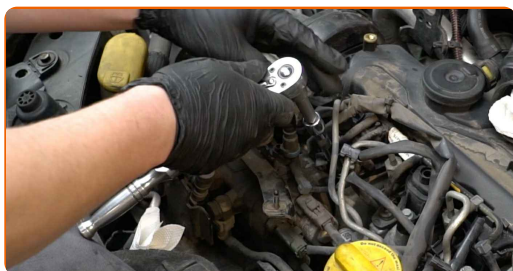
10 Clean dirt, dust and debris from inside the spark plug wells.



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.



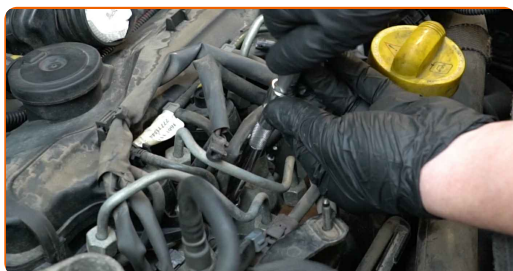
14 Treat the glow plugs. Use the injector & glow plug grease.



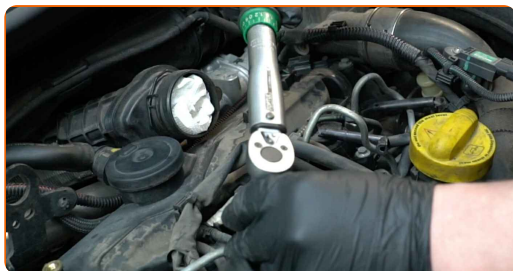
Please note!

- 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.

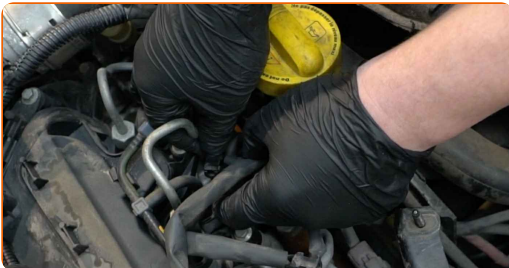


Replacement: glow plugs – RENAULT LOGAN I Estate (KS_). Tip from AUTODOC:

- 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

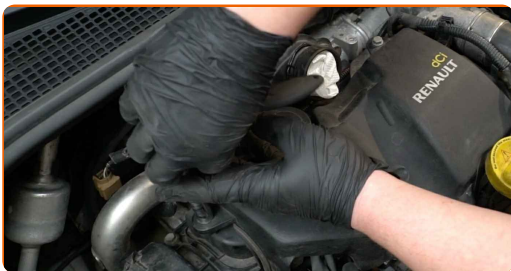
Install the engine cover and secure it.



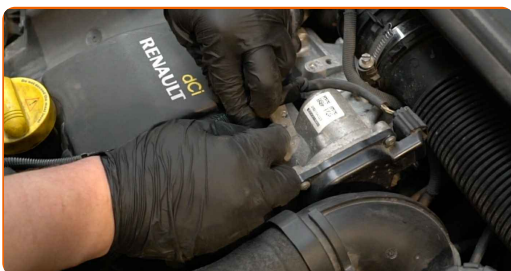
AUTODOC recommends:

- Replacement: glow plugs – RENAULT LOGAN I Estate (KS_). Do not use excessive force during installation. This may damage the part.

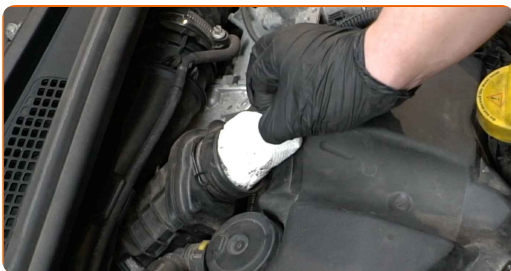
19 Screw in the engine cover fasteners. Use a drive socket #10. Use a ratchet wrench.



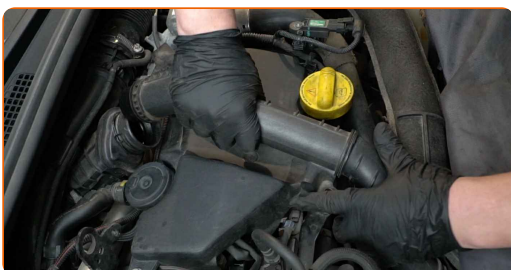
20 Attach the engine wiring harness. Use a flat screwdriver.



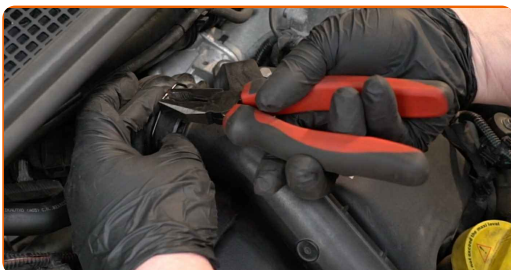
21 Remove the microfibre towel from the air intake hose.



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! 

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