



How to change glow  
plugs on **RENAULT  
KANGOO / GRAND  
KANGOO (KW0/1\_)** –  
replacement guide

### SIMILAR VIDEO TUTORIAL



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

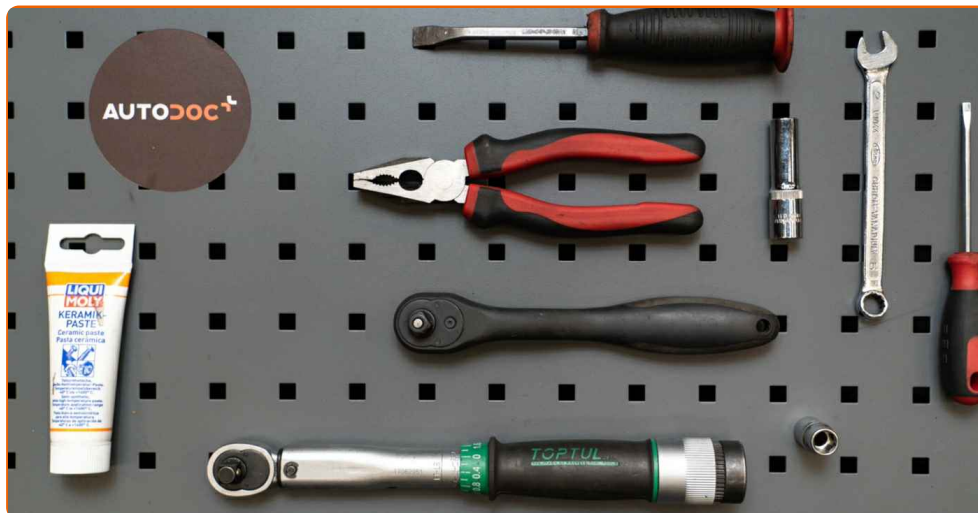
#### **Important!**

This replacement procedure can be used for:  
 RENAULT KANGOO / GRAND KANGOO (KW0/1\_) 1.5 dCi, RENAULT KANGOO / GRAND KANGOO (KW0/1\_) 1.5 dCi 110, RENAULT KANGOO / GRAND KANGOO (KW0/1\_) 1.5 dCi (K9K 647)

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 KANGOO / GRAND KANGOO (KW0/1\_). 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 KANGOO / GRAND KANGOO (KW0/1\_).  
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 KANGOO / GRAND KANGOO (KW0/1\_).  
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.



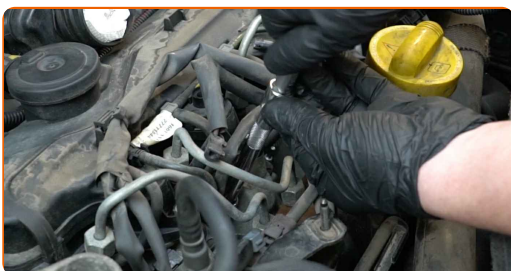
**14** Treat the glow plugs. Use the injector & glow plug grease.



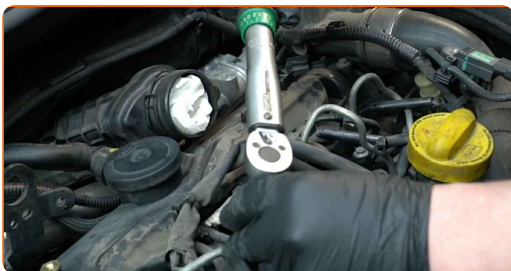
**Please note!**

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

**15** Install new glow plugs to their mounting seats.



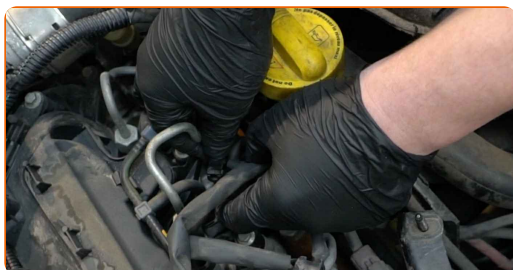
**16** Tighten the glow plugs. Use the spark plug socket #10. Use a torque wrench. Tighten it to 15 nm torque.



Replacement: glow plugs – RENAULT KANGOO / GRAND KANGOO (KW0/1\_).  
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 KANGOO / GRAND KANGOO (KW0/1\_). 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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