



How to change glow  
plugs on **PEUGEOT**  
**Expert (224\_)** –  
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:

PEUGEOT Expert (224\_) 1.9 TD, PEUGEOT Expert (224\_) 1.9 D

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: CITROËN Berlingo / Berlingo First Van (M\_) 1.9 D

**REPLACEMENT: GLOW PLUGS – PEUGEOT EXPERT (224\_). TOOLS YOU NEED:**



- High-temperature ceramic grease
- Torque wrench
- Combination spanner #10
- Drive socket # 7
- Drive socket # 8
- Spark plug socket # 12
- Ratchet wrench
- Telescoping magnet
- Long nose pliers
- Microfibre towel
- Fender cover

**Buy tools**

Replacement: glow plugs – PEUGEOT Expert (224\_). AUTODOC experts recommend:

- The replacement procedure is identical for all glow plugs.
- Please note: all work on the car – PEUGEOT Expert (224\_) – should be done with the engine switched off.

## CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

**1** Open the hood.

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

**3** Before getting down to work, start the engine and let it warm up to operating temperature.

**4** Shut off the engine.

**5** Unscrew the negative battery terminal fastener. Use a combination spanner #10.



**6** Disconnect the earth cable terminal from the battery.



**7** Loosen the air hose clamps. Use a drive socket #7. Use a ratchet wrench.



**8** Remove the air duct.



**9** Cover the intake manifold inlet with a towel.



**10** Unscrew the fasteners that connect the power cables to the glow plugs. Use a drive socket #8. Use a ratchet wrench.



**11** Remove the fastening nuts. Use a telescoping magnet.



**12**

Remove the power cable. Use long nose pliers.



**13**

Clean the glow plug mounting seats.



**14**

Unscrew the glow plugs. Use the spark plug socket #12. Use a torque wrench.



**Replacement: glow plugs – PEUGEOT Expert (224\_). Tip from AUTODOC experts:**

- The glow plugs can get stuck over time and break apart when removed.
- Use a torque wrench to loosen the parts to avoid exceeding the breakaway torque specified by the car manufacturer.
- If you have reached the breakaway torque but the glow plugs still won't unscrew, you need to consult a professional: breakage of the parts can result in costly engine repairs.

**15** Remove the glow plugs. Use long nose pliers.



**16** Treat the glow plugs. Use high-temperature ceramic grease.



**17** Install new glow plugs to their mounting seats. Use long nose pliers.



**18** Tighten the glow plugs. Use the spark plug socket #12. Use a torque wrench. Tighten it to 25 nm torque.



Replacement: glow plugs – PEUGEOT Expert (224\_). Tip:

- 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.

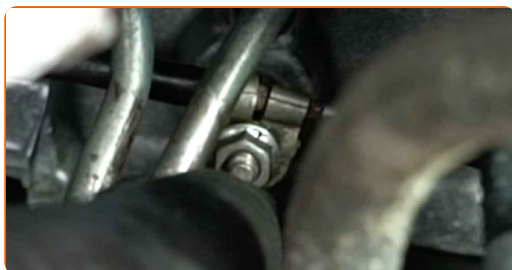
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Install the power cable.



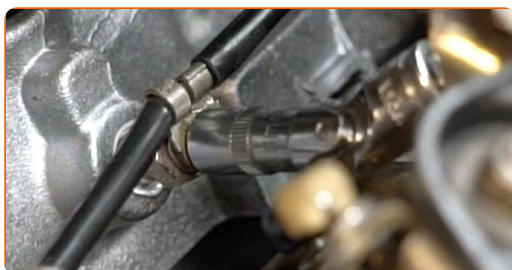
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Install the fastening nuts.



21

Tighten the fasteners that connect the power cables to the glow plugs. Use a drive socket #8. Use a torque wrench. Tighten it to 8 nm torque.





**22** Remove the towel from the intake manifold inlet.



**23** Install the air duct.



**24** Screw in the air hose clamps. Use a drive socket #7. Use a ratchet wrench.



**25** Connect the earth cable terminal to the battery.



**26** Screw in the negative battery terminal fastener. Use a combination spanner #10.



**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.

**29** Remove the fender protection cover.

**30** Close the hood.

**WELL DONE!** 

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**GLOW PLUGS: A WIDE SELECTION**

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