How to change glow plugs on **CITROËN Xsara Box Body / Hatchback** (N3_) – replacement guide



SIMILAR VIDEO TUTORIAL



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

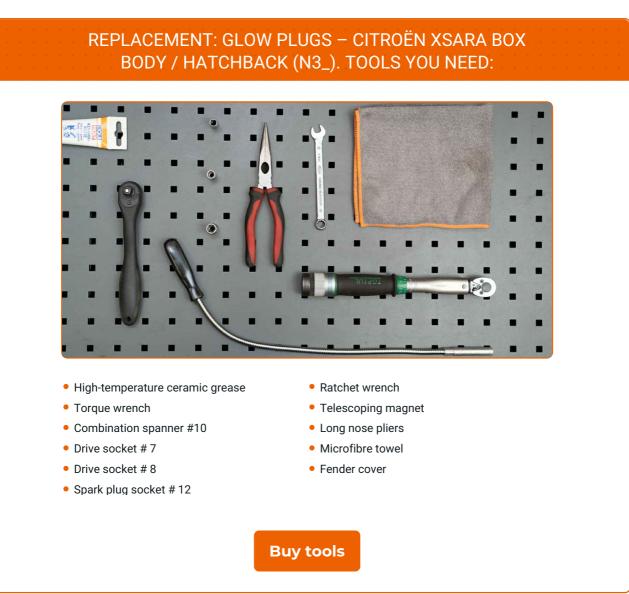
(i) Important!

This replacement procedure can be used for: CITROËN Xsara Box Body / Hatchback (N3_) 1.8 D, CITROËN Xsara Box Body / Hatchback (N3_) 1.9 D

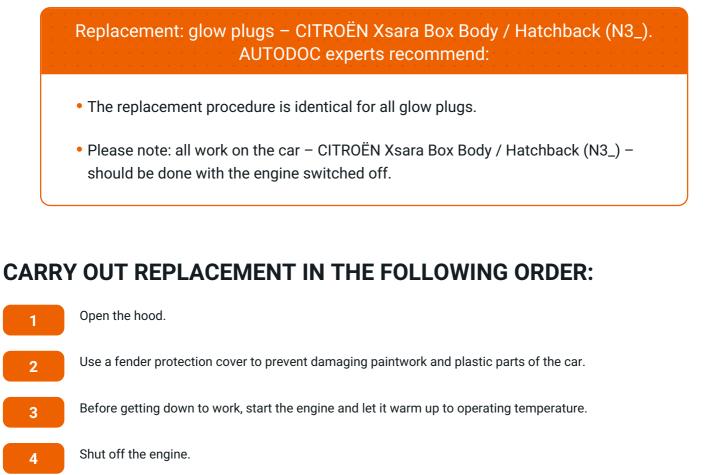
The steps may slightly vary depending on the car design.

This tutorial was created based on the replacement procedure for a similar car part on: CITROËN Berlingo / Berlingo First Van (M_) 1.9 D









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



6

5

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 – CITROËN Xsara Box Body / Hatchback (N3_). 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.





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 - CITROËN Xsara Box Body / Hatchback (N3_). 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.
- 19

Install the power cable.



20

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.

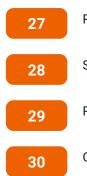


26

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







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

Shut off the engine.



Close the hood.



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