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How to change glow plugs on **CITROËN JUMPER Bus (230P)** – 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 JUMPER Bus (230P) 1.9 TD, CITROËN JUMPER Bus (230P) 2.5 TD, CITROËN JUMPER Bus (230P) 2.5 D, CITROËN JUMPER Bus (230P) 2.5 D 4x4, CITROËN JUMPER Bus (230P) 1.9 TD 4x4, CITROËN JUMPER Bus (230P) 2.5 TD 4x4, CITROËN JUMPER Bus (230P) 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

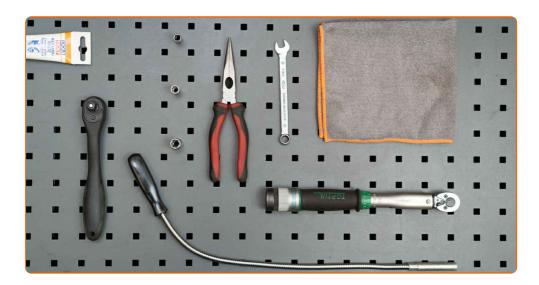
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REPLACEMENT: GLOW PLUGS – CITROËN JUMPER BUS (230P). TOOLS YOU NEED:



- 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

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Replacement: glow plugs – CITROËN JUMPER Bus (230P). AUTODOC experts recommend:

- The replacement procedure is identical for all glow plugs.
- Please note: all work on the car CITROËN JUMPER Bus (230P) should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

- Open the hood.
- Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.
- Before getting down to work, start the engine and let it warm up to operating temperature.
- Shut off the engine.
- Unscrew the negative battery terminal fastener. Use a combination spanner #10.



Disconnect the earth cable terminal from the battery.



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



Remove the air duct.

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Cover the intake manifold inlet with a towel.



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



Remove the fastening nuts. Use a telescoping magnet.



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Remove the power cable. Use long nose pliers.



Clean the glow plug mounting seats.

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



Replacement: glow plugs – CITROËN JUMPER Bus (230P). 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.

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Remove the glow plugs. Use long nose pliers.



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



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



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



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Replacement: glow plugs - CITROËN JUMPER Bus (230P). 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.



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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.



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Remove the towel from the intake manifold inlet.



23 Install the air duct.

26



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



Connect the earth cable terminal to the battery.



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



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- 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.
- Remove the fender protection cover.
- Close the hood.



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