



How to change glow  
plugs on **Mercedes W210**  
– replacement guide

## VIDEO TUTORIAL



### **i Important!**

This replacement procedure can be used for:

MERCEDES-BENZ E-Class T-modell (S210) E 270 T CDI, MERCEDES-BENZ C-Class Saloon (W202) C 220 CDI (202.133), MERCEDES-BENZ C-Class T-modell (S202) C 220 T CDI (202.193), MERCEDES-BENZ E-Class Saloon (W210) E 220 CDI (210.006), MERCEDES-BENZ E-Class T-modell (S210) E 220 T CDI (210.206), MERCEDES-BENZ E-Class Saloon (W210) E 200 CDI (210.007), MERCEDES-BENZ C-Class Saloon (W202) C 200 CDI (202.134), MERCEDES-BENZ C-Class T-modell (S202) C 200 T CDI (202.194), MERCEDES-BENZ V-Class (W638/2) V 200 CDI (638.294), MERCEDES-BENZ V-Class (W638/2) V 220 CDI (638.294), MERCEDES-BENZ VITO Bus (638) 108 CDI 2.2 (638.194), MERCEDES-BENZ VITO Bus (638) 110 CDI 2.2 (638.194), MERCEDES-BENZ VITO Bus (638) 112 CDI 2.2 (638.194), MERCEDES-BENZ E-Class Saloon (W210) E 270 CDI (210.016), MERCEDES-BENZ E-Class Saloon (W210) E 320 CDI (210.026), (+ 46)

The steps may slightly vary depending on the car design.

## REPLACEMENT: GLOW PLUGS – MERCEDES W210.

### TOOLS YOU NEED:



- WD-40 spray
- All-purpose cleaning spray
- Dielectric grease
- High-temperature ceramic grease
- Torque wrench
- Spark plug socket # 10
- Drive socket # E11
- Ratchet wrench
- Needle nose pliers
- Fender cover

[BUY TOOLS](#)

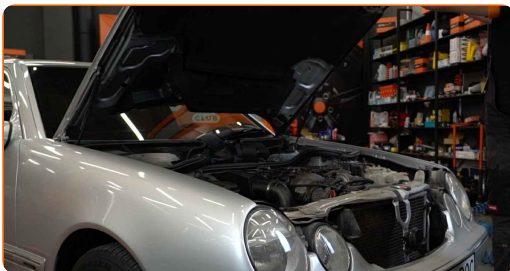
### Replacement: glow plugs – Mercedes W210. Tip from AUTODOC:

- The replacement procedure is identical for all glow plugs.
- Wear gloves to protect your hands from hot surfaces.
- Warning! Shut down the engine before starting any work – Mercedes W210.

## CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

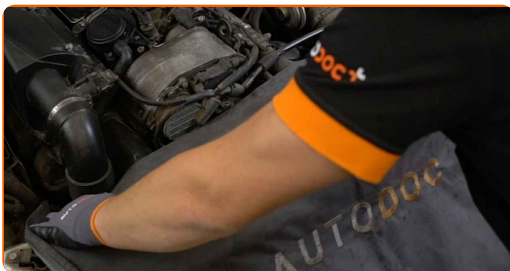
1

Open the bonnet.



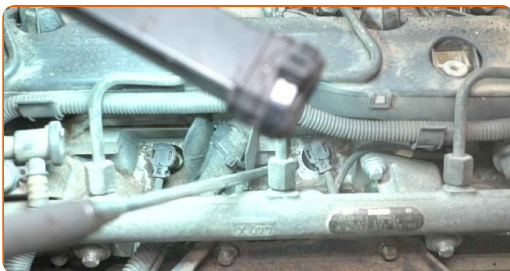
2

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



3

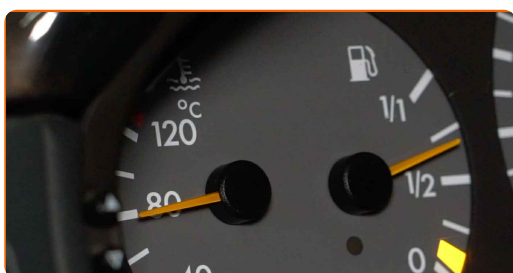
Clean dirt, dust and debris from inside the spark plug wells.



- 4 Treat the glow plugs. Use WD-40 spray.



- 5 If the glow plugs are difficult to unscrew, start the engine and let it warm up to operating temperature. This will make them easier to remove.

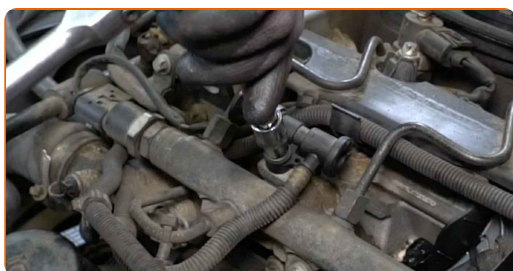


### Replacement: glow plugs – Mercedes W210. Tip:

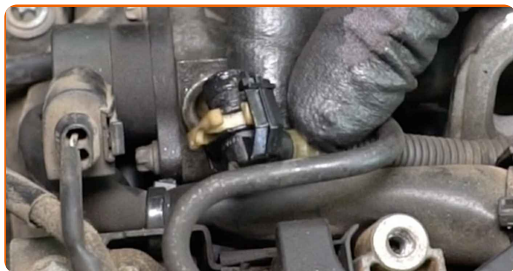
- Wear gloves to protect your hands from hot surfaces.

- 6 Shut off the engine.

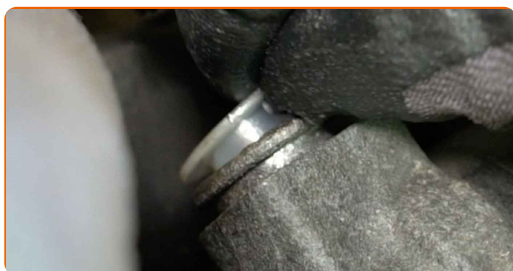
- 7 Unscrew the fuel hose fastener. Use a drive socket #E11. Use a ratchet wrench.



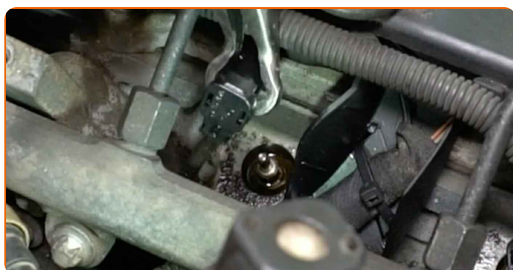
- 8 Disconnect the fuel return line hose.



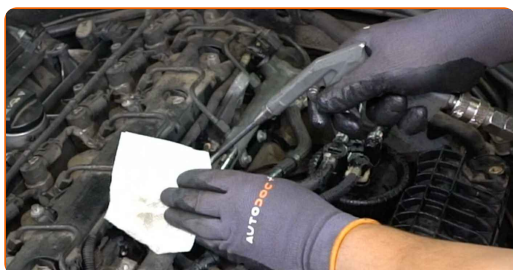
- 9 Blank off the fuel return line.



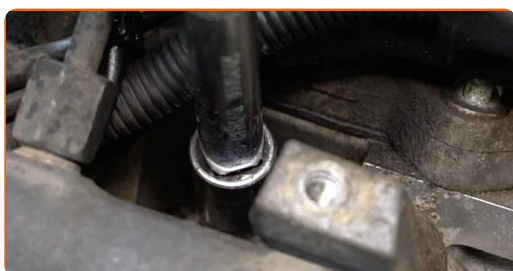
- 10 Detach the glow plug wiring connectors. Use needle nose pliers.



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



- 12 Unscrew the glow plugs. Use the spark plug socket #10. Use a torque wrench.

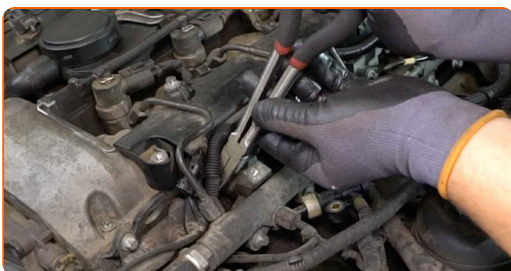


### Replacement: glow plugs – Mercedes W210. AUTODOC recommends:

- 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.

13

Remove the glow plugs. Use needle nose pliers.



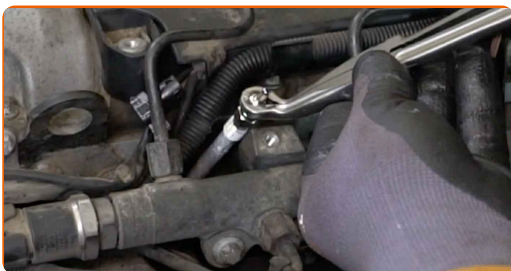
14

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



15

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





16

Tighten the glow plugs. Use the spark plug socket #10. Use a torque wrench. Tighten it to 20 nm torque.

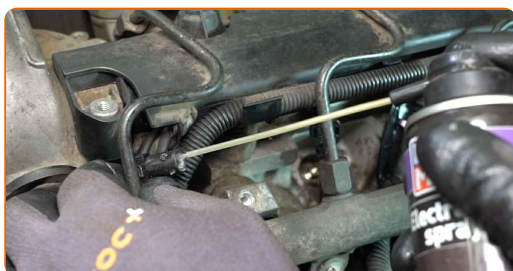


### AUTODOC recommends:

- Don't tighten the plugs with excessive force. Exceeding tightening torque can damage the thread connection.

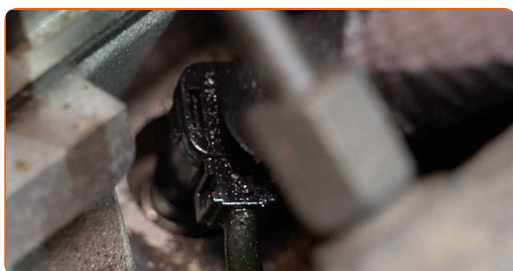
17

Treat the glow plug connectors. Use dielectric grease.



18

Attach the glow plug wiring connectors. Use needle nose pliers.



19

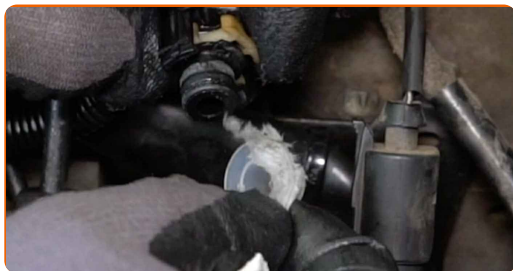
Clean the fuel return line. Use all-purpose cleaning spray.





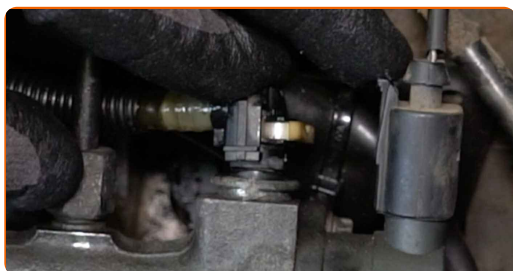
20

Unstop the fuel return line.



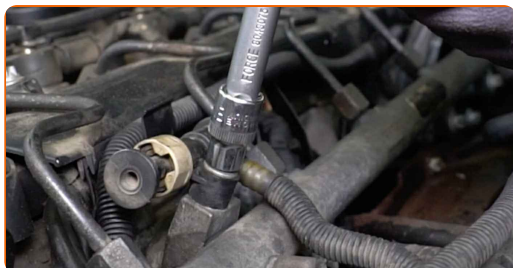
21

Connect the fuel return line hose.



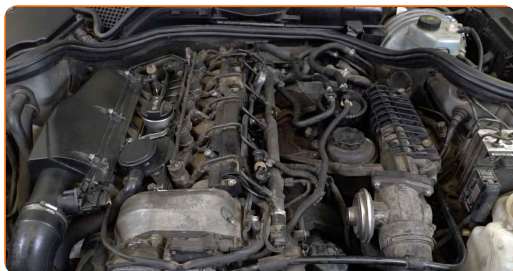
22

Tighten the fuel hose fastener. Use a drive socket #E11. Use a torque wrench. Tighten it to 8 nm torque.



23

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

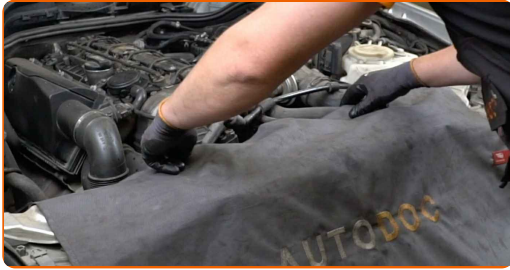


24

Shut off the engine.

25

Remove the fender protection cover.



26

Close the hood.



**WELL DONE!** 

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