



How to change glow
plugs on **Mercedes ML**
W163 – replacement
guide

VIDEO TUTORIAL

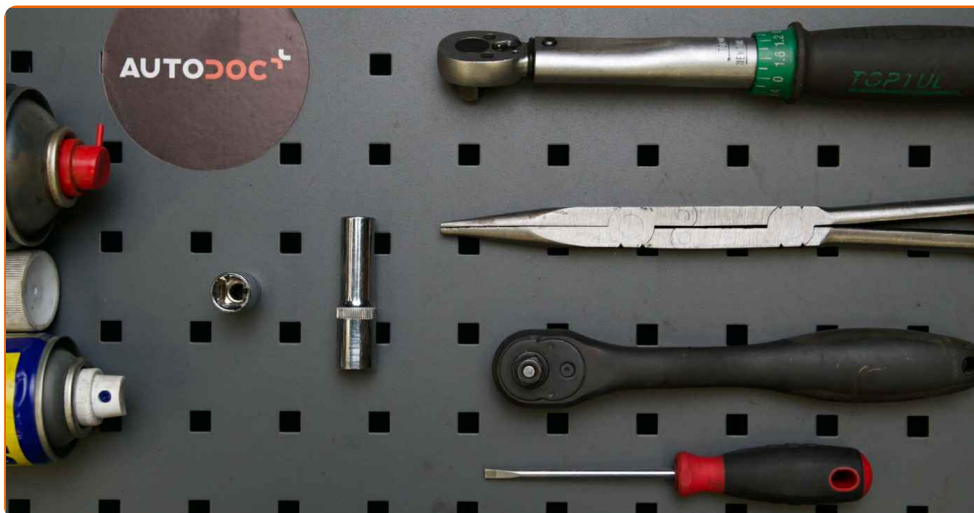
** Important!**

This replacement procedure can be used for:

MERCEDES-BENZ E-Class T-modell (S210) E 270 T CDI, MERCEDES-BENZ E-Class Saloon (W210) E 270 CDI (210.016), MERCEDES-BENZ E-Class T-modell (S210) E 270 T CDI (210.216), MERCEDES-BENZ C-Class Saloon (W203) C 270 CDI (203.016), MERCEDES-BENZ C-Class T-modell (S203) C 270 CDI (203.216), MERCEDES-BENZ E-Class Platform / Chassis (VF210) E 270 CDI (210.616)

The steps may slightly vary depending on the car design.

REPLACEMENT: GLOW PLUGS – MERCEDES ML W163.
 TOOLS YOU NEED:



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

BUY TOOLS

Replacement: glow plugs – Mercedes ML W163. Tip from AUTODOC experts:

- The replacement procedure is identical for all glow plugs.
- Wear gloves to protect your hands from hot surfaces.
- Please note: all work on the car – Mercedes ML W163 – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1

Open the bonnet.



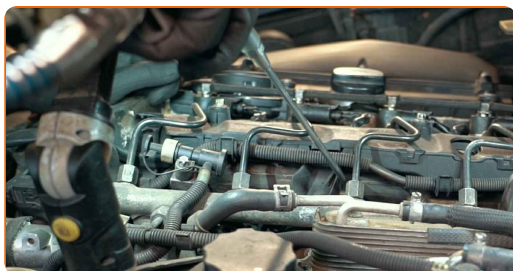
2

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

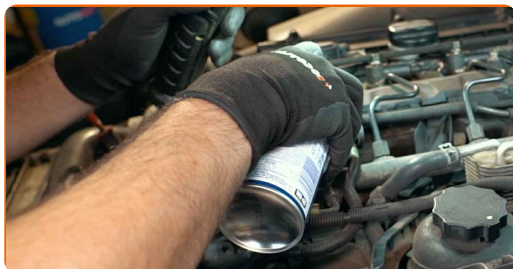


3

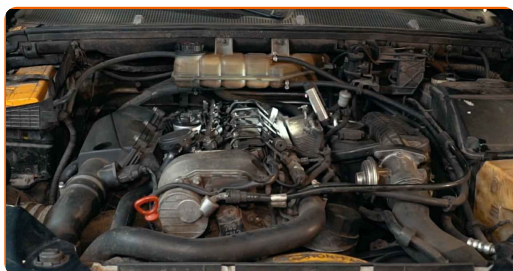
Clean dirt, dust and debris from inside the spark plug wells.



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

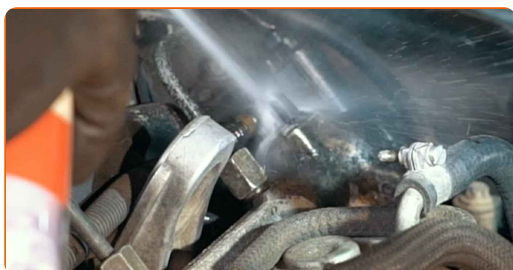


5 Before getting down to work, start the engine and let it warm up to operating temperature.

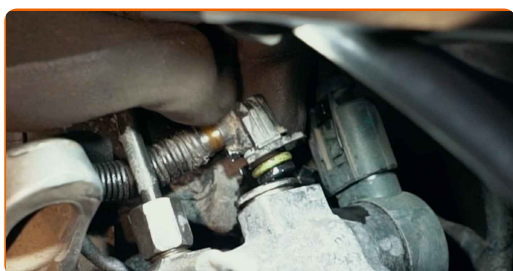


6 Shut off the engine.

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



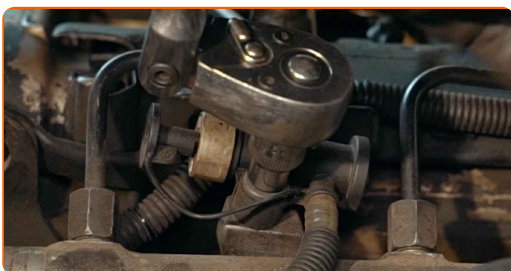
8 Disconnect the fuel return line hose. Use a flat screwdriver.



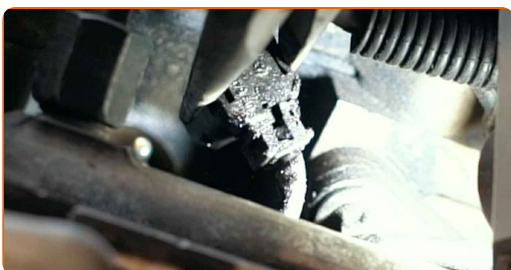
9 Blank off the fuel return line.



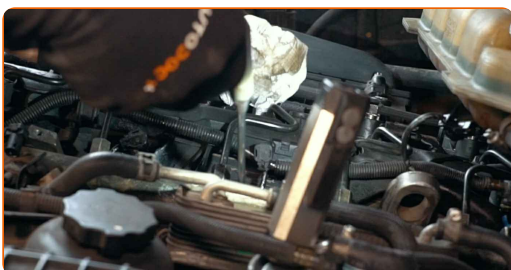
10 Unscrew the engine vacuum pipe fastener. Use a drive socket #E11. Use a ratchet wrench.



11 Detach the glow plug wiring connectors. Use needle nose pliers.



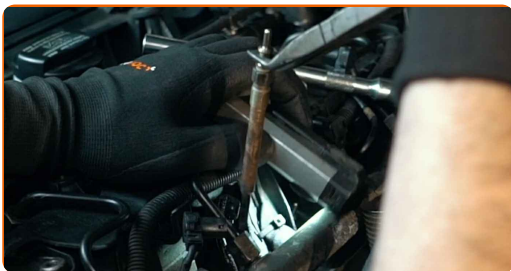
12 Clean dirt, dust and debris from inside the spark plug wells.



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



14 Remove the glow plugs. Use the spark plug socket #10. Use needle nose pliers.



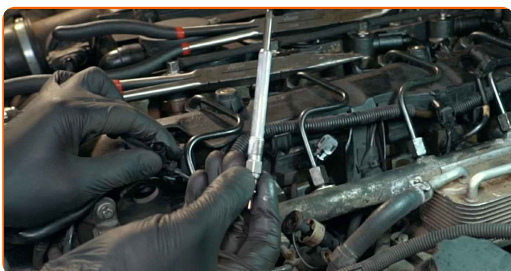
15 Treat the glow plugs. Use high-temperature ceramic grease.



Please note!

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

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



17

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

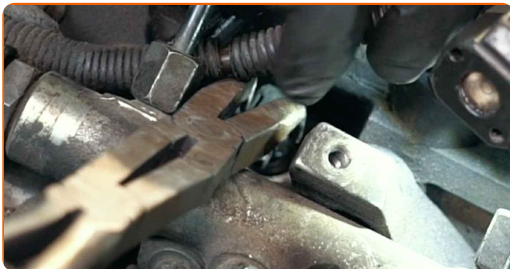


Replacement: glow plugs – Mercedes ML W163. Professionals recommend:

- 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.

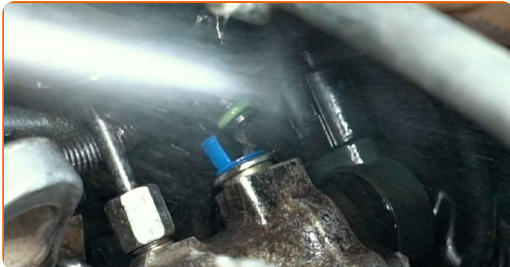
18

Attach the glow plug wiring connectors.



19

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



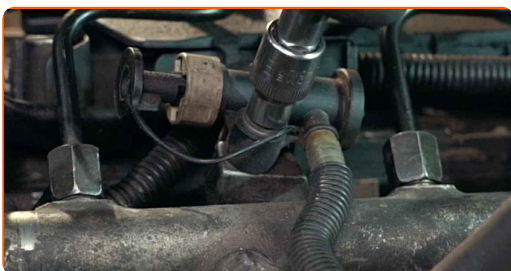
20

Unstop the fuel return line.

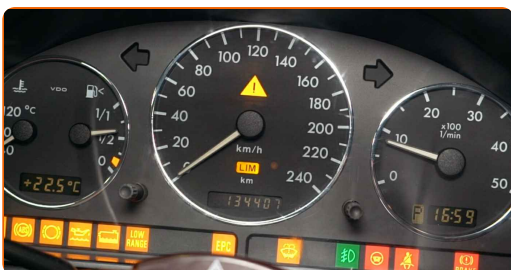
21 Connect the fuel return line hose.



22 Tighten the engine vacuum pipe fastener. Use a drive socket #E11. Use a ratchet wrench.

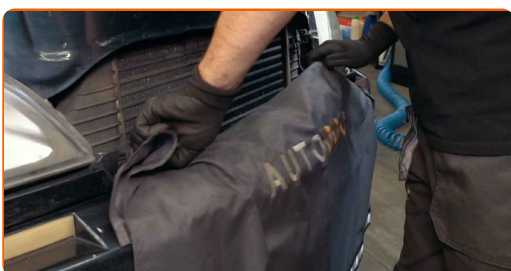


23 Run the engine for a few minutes. This is necessary in order to make sure that the component operates properly.



24 Shut off the engine.

25 Remove the fender protection cover.



26

Close the hood.



WELL DONE! 

VIEW MORE TUTORIALS

AUTODOC – TOP QUALITY AND AFFORDABLE CAR PARTS ONLINE

AUTODOC MOBILE APP: GREAT DEALS AND CONVENIENT SHOPPING



+ AUTODOC

GET IT ON  **Google Play**

 **Download on the App Store**

Download

A GREAT SELECTION OF SPARE PARTS FOR YOUR CAR

BUY SPARE PARTS FOR MERCEDES

GLOW PLUGS: A WIDE SELECTION

CHOOSE CAR PARTS FOR MERCEDES ML W163

GLOW PLUGS FOR MERCEDES: BUY NOW

**GLOW PLUGS FOR MERCEDES ML W163: THE BEST DEALS
& OFFERS**

DISCLAIMER:

The document contains only general recommendations that may be useful for you when you perform repair or replacement work. AUTODOC shall not be liable for any loss, injury, damage of property occurring in the repair or replacement process due to incorrect use or misinterpretation of the provided information.

AUTODOC shall not be liable for any possible mistakes and uncertainties in this guide. The information provided is for information purposes only and cannot replace advice from specialists.

AUTODOC shall not be liable for incorrect or hazardous usage of equipment, tools and car parts. AUTODOC strongly recommends to be careful and observe the safety rules when performing repair or replacement works. Remember: usage of low quality auto parts does not guarantee you the appropriate level of road safety.

© Copyright 2022 – All the contents of this website, in particular texts, photographs and graphics, are protected by copyright. All rights, including reproduction, publication, editing and translation rights, are reserved by AUTODOC GmbH.