



How to change spark  
plugs on **Mercedes**  
**W202** – replacement  
guide

## VIDEO TUTORIAL



### Important!

This replacement procedure can be used for:

MERCEDES-BENZ E-Class Saloon (W124) E 200 (124.019), MERCEDES-BENZ E-Class Saloon (W124) E 220 (124.022), MERCEDES-BENZ E-Class T-modell (S124) E 200 T (124.079), MERCEDES-BENZ E-Class T-modell (S124) E 220 T (124.082), MERCEDES-BENZ E-Class Convertible (A124) E 200 (124.060), MERCEDES-BENZ E-Class Coupe (C124) E 200 (124.040), MERCEDES-BENZ E-Class Convertible (A124) E 220 (124.062), MERCEDES-BENZ E-Class Coupe (C124) E 220 (124.042), MERCEDES-BENZ C-Class Saloon (W202) C 180 (202.018), MERCEDES-BENZ C-Class Saloon (W202) C 200 (202.020), MERCEDES-BENZ SPRINTER 2-t Bus (901, 902) 214 2.3, MERCEDES-BENZ E-Class Saloon (W210) E 200 (210.035), MERCEDES-BENZ E-Class Saloon (W210) E 230 (210.037), MERCEDES-BENZ Saloon (W124) 200 E 2.0 (124.019), MERCEDES-BENZ Saloon (W124) 220 E 2.2 (124.022), (+ 48)

The steps may slightly vary depending on the car design.

REPLACEMENT: SPARK PLUGS – MERCEDES W202.  
LIST OF THE TOOLS YOU'LL NEED:



- High-temperature anti-seize lubricant
- Spark plug socket # 16
- HEX bit no.H5.
- Ratchet wrench
- Torque wrench
- Flat Screwdriver
- Fender cover

**BUY TOOLS**

Replacement: spark plugs – Mercedes W202. Tip from AUTODOC:

- The replacement procedure is the same for all spark plugs.
- All work should be done with the engine stopped.

**REPLACEMENT: SPARK PLUGS – MERCEDES W202. RECOMMENDED SEQUENCE OF STEPS:**

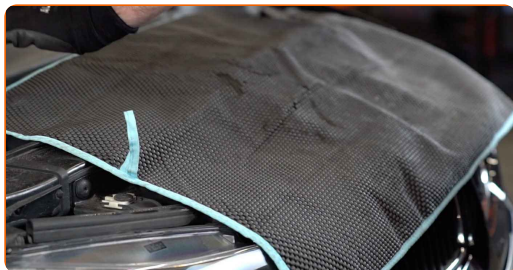
1

Open the hood.



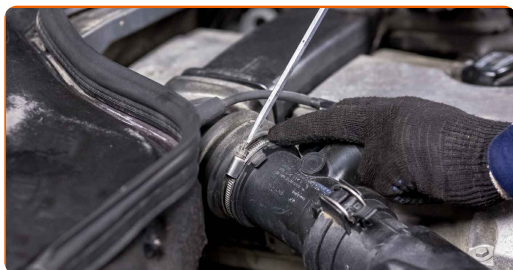
2

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

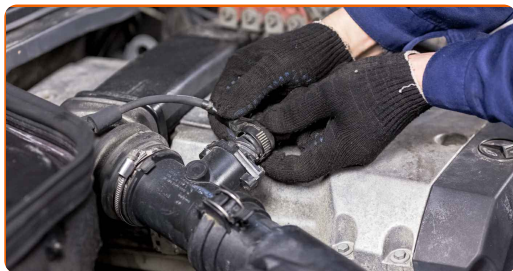


3

Detach the air intake hose clamp. Use a flat screwdriver.



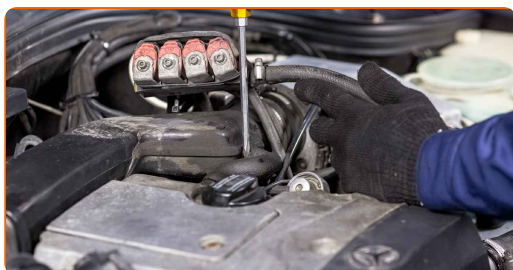
**4** Unplug the mass air flow sensor connector.



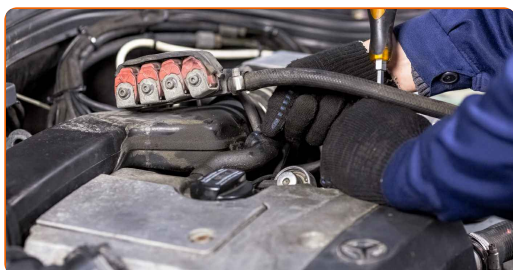
**5** Disconnect the air intake pipe from the air filter housing.



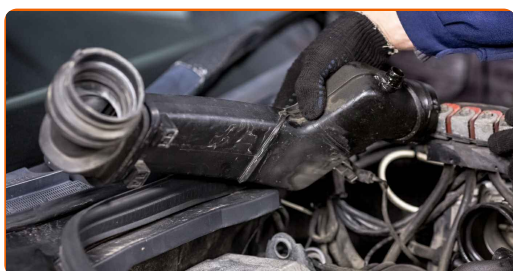
**6** Unscrew the clamp that fastens the air filter hose to the throttle body. Use a flat screwdriver.



**7** Detach the vacuum pipe. Use a flat screwdriver.



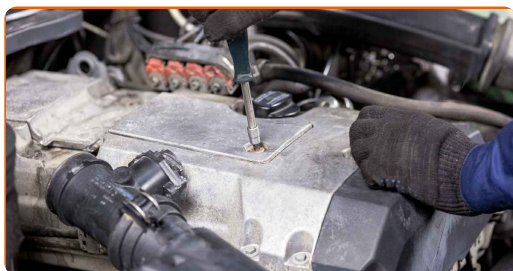
**8** Dismantle the air filter pipe.





9

Unscrew the engine cover fastener. Use HEX No.H5. Use a ratchet wrench.



10

Remove the engine cover. Use a flat screwdriver.

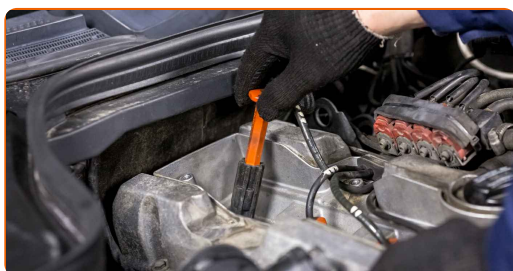


**AUTODOC recommends:**

- Replacement: spark plugs – Mercedes W202. To avoid damaging the part when removing it, do not use excessive force.

11

Remove the spark plug wire connectors from the spark plug wells.

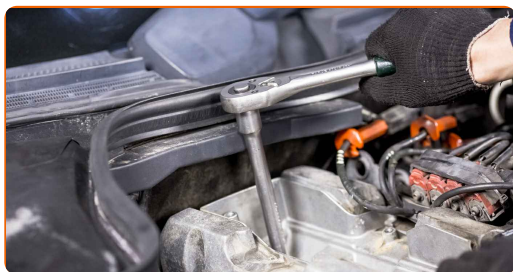


Replacement: spark plugs – Mercedes W202. Professionals recommend:

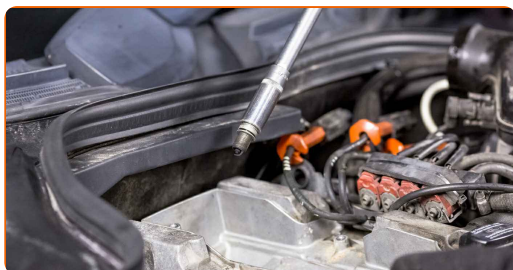
- Be careful to avoid damaging spark plug wires.
- Remember the sequence of the spark plug wires connectors.

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

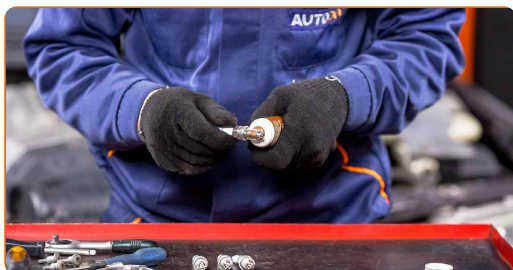
**13** Unscrew the spark plugs. Use the spark plug socket #16. Use a ratchet wrench.



**14** Take out the spark plugs. Use the spark plug socket #16.



**15** Apply a thin layer of a special high temperature anti-seize lubricant to the threads of the new spark plugs.



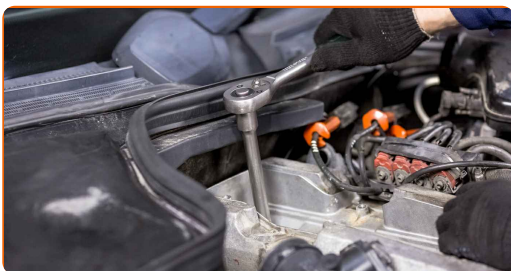
**16**

Install the new spark plugs into their mounting seats. Use the spark plug socket #16.



**17**

Screw new spark plugs and tighten them. Use the spark plug socket #16. Use a torque wrench. Tighten it to 27 nm torque.



**Replacement: spark plugs – Mercedes W202. AUTODOC experts 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**

Install the spark plug wire connectors into the spark plug wells. Make sure you hear a click indicating that it is locked in place.



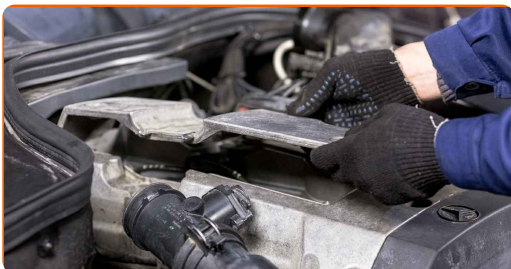


AUTODOC recommends:

- Replacement: spark plugs – Mercedes W202. Follow the installation steps.

19

Install the engine cover and secure it.

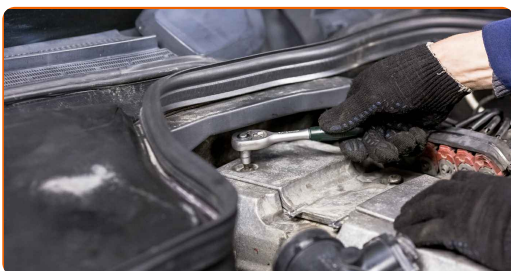


Replacement: spark plugs – Mercedes W202. AUTODOC recommends:

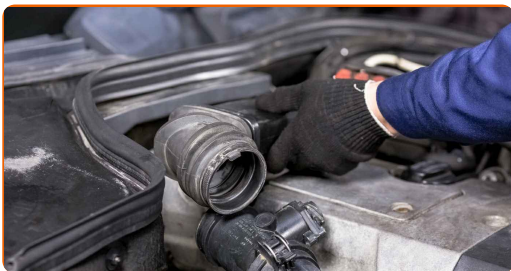
- Make sure the engine cover is properly seated. It should not be displaced with respect to the guiding fasteners.
- Do not apply excessive force when installing the part. Otherwise you may damage the fasteners.

20

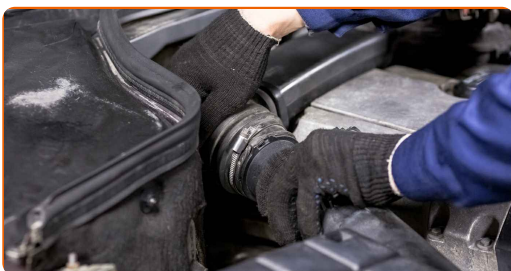
Screw in the engine cover fasteners. Use HEX No.H5. Use a ratchet wrench.



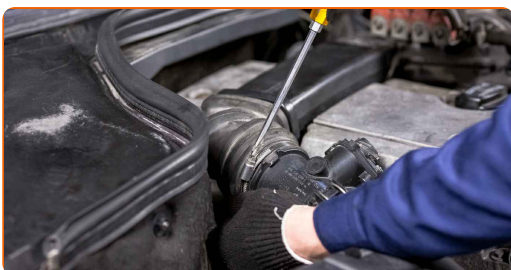
21 Install the air filter pipe.



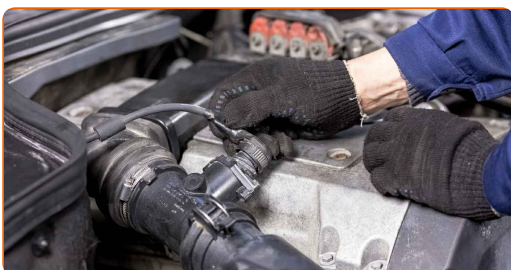
22 Connect the air intake pipe to the air filter housing.



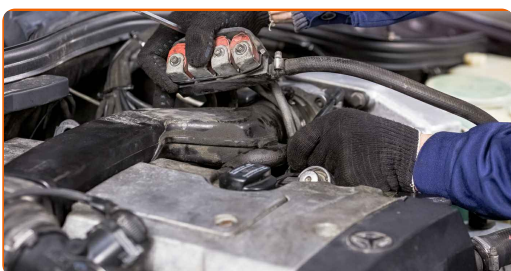
23 Fasten the clamp on the air intake hose. Use a flat screwdriver.



24 Plug in the mass air flow sensor connector.



25 Attach the vacuum pipe.

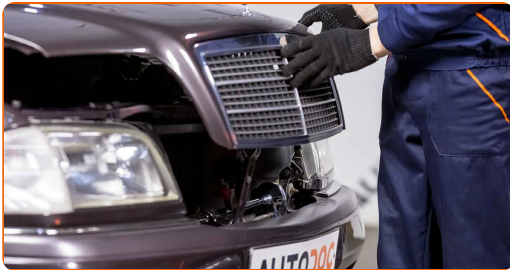


**26** Screw in the clamp that connects the air filter hose to the throttle body. Use a flat screwdriver.

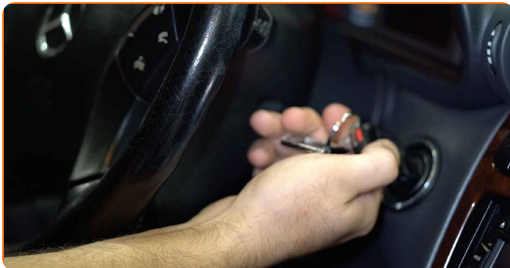


**27** Remove the fender protection cover.

**28** Close the hood.



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



**30** Shut off the engine.

**WELL DONE!** 

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