



How to change fuel filter  
on **Mercedes W210**  
**diesel** – 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 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 E-Class Saloon (W210) E 270 CDI (210.016), MERCEDES-BENZ E-Class Saloon (W210) E 320 CDI (210.026), MERCEDES-BENZ E-Class T-modell (S210) E 320 T CDI (210.226), MERCEDES-BENZ E-Class T-modell (S210) E 270 T CDI (210.216), MERCEDES-BENZ M-Class (W163) ML 270 CDI (163.113), MERCEDES-BENZ S-Class Saloon (W220) S 320 CDI (220.026, 220.126), MERCEDES-BENZ CLK (C209) 270 CDI 2.7 (209.316), (+ 2)

The steps may slightly vary depending on the car design.

REPLACEMENT: FUEL FILTER – MERCEDES W210.  
TOOLS YOU'LL NEED:



- All-purpose cleaning spray
- Torque wrench
- Bulb hand fuel pump
- Automotive fluid syringe
- Flat screwdriver
- Universal puller
- Clic-R collar pliers
- Fender cover

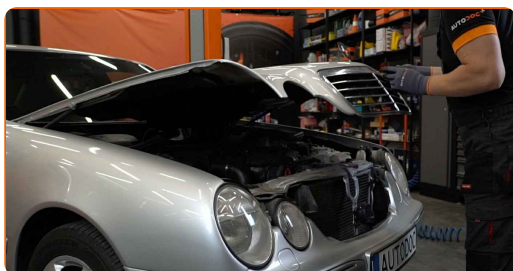
**BUY TOOLS**

Replacement: fuel filter – Mercedes W210. AUTODOC recommends:

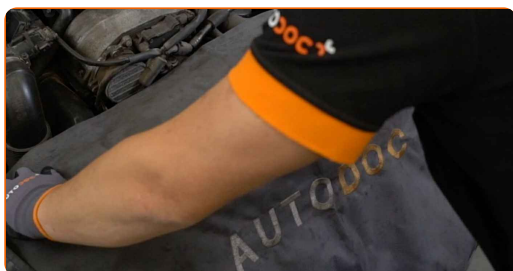
- Ensure adequate ventilation of the workplace. Fuel vapors are poisonous.
- All work should be done with the engine stopped.

**REPLACEMENT: FUEL FILTER – MERCEDES W210. RECOMMENDED SEQUENCE OF STEPS:**

**1** Open the bonnet.



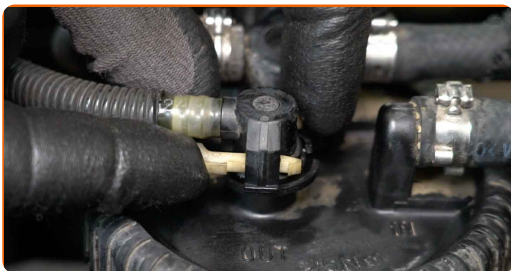
**2** Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.



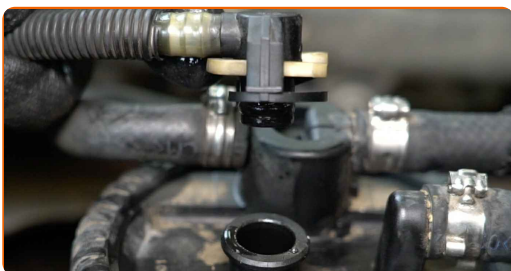
**3** Clean the fuel filter housing and the cover. Use all-purpose cleaning spray.



**4** Remove the retaining clip that secures the fuel filter pipe.



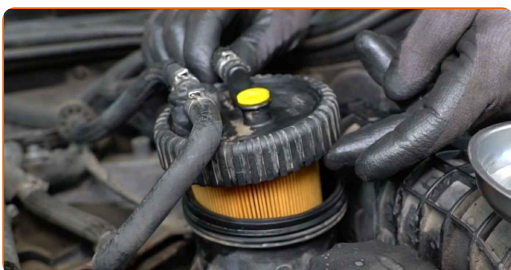
**5** Disconnect the pipe from the fuel filter.



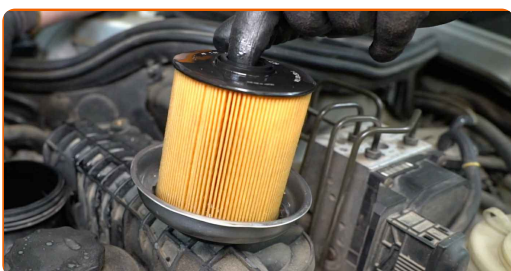
**6** Unscrew the fasteners of the fuel filter housing cover. Use a universal puller.



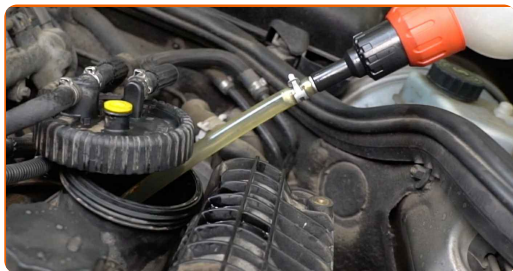
**7** Lift the fuel filter cover up a little.



**8** Remove the fuel filter.



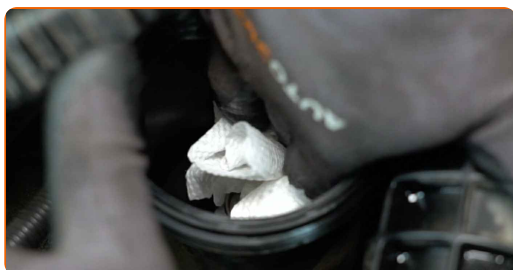
**9** Pump the fuel out of the fuel filter housing. Use an automotive fluid syringe.



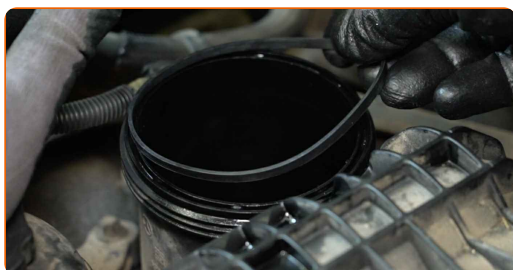
**10** Remove the old O-ring. Use a flat screwdriver.



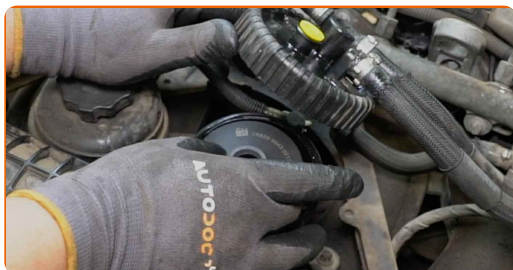
**11** Clean the fuel filter housing.



**12** Install the new O-ring.

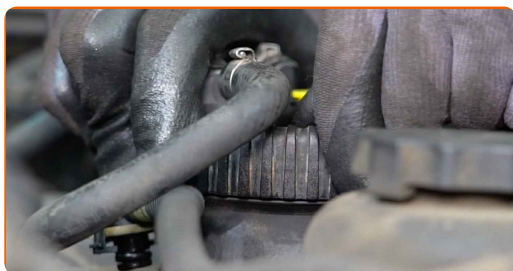


**13** Install a new fuel filter.

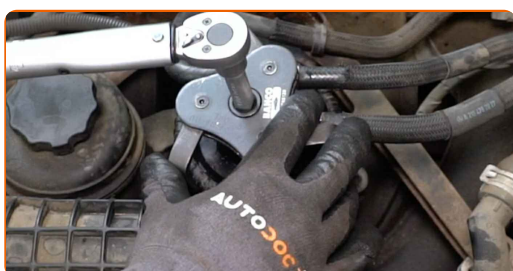




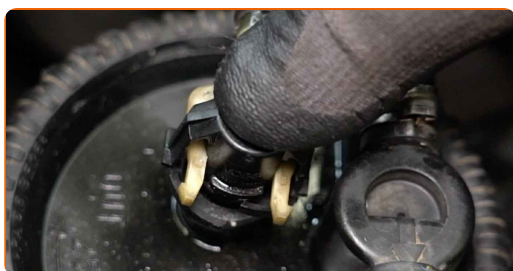
**14** Install and tighten the fuel filter housing cap.



**15** Tighten the fasteners of the fuel filter housing cover. Use a universal puller. Use a torque wrench. Tighten it to 35 Nm torque.



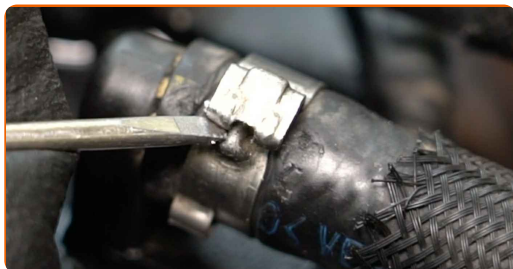
**16** Connect the pipe to the fuel filter.



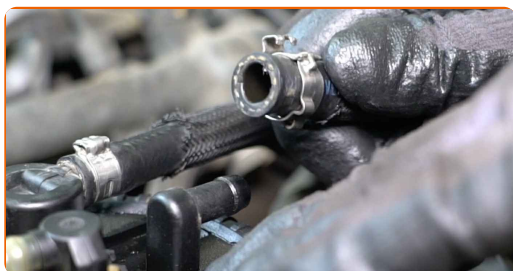
**17** Secure the fuel filter pipe with the retaining clip.



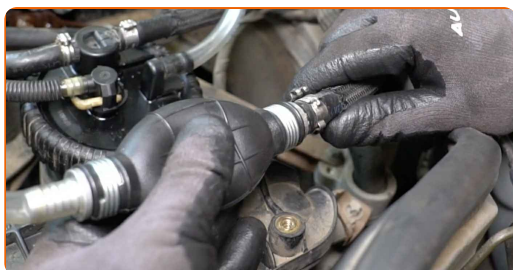
**18** Loosen the fastening clamp of the fuel filter pipe. Use a flat screwdriver.



**19** Disconnect the fuel hose from the fuel filter.



**20** Prime the fuel system manually. Use a bulb hand fuel pump.



**Replacement: fuel filter – Mercedes W210. Professionals recommend:**

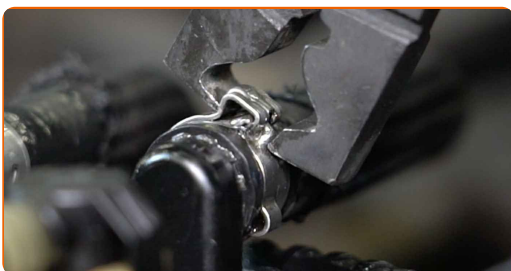
- This is necessary so that the fuel system fills completely with fuel.
- Be careful! Fuel may leak from the filter housing and hoses.



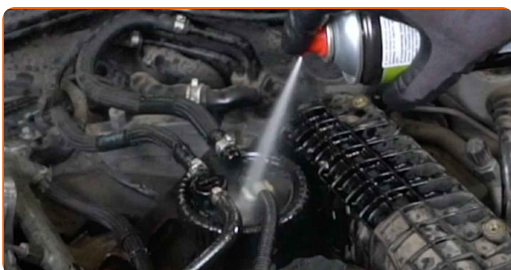
**21** Reconnect the fuel hose to the fuel filter.



**22** Tighten the fastening clamp of the fuel filter pipe. Use clic-R collar pliers.



**23** Clean the fuel filter housing and the cover. Use all-purpose cleaning spray.



**24** Run the engine for a few minutes.

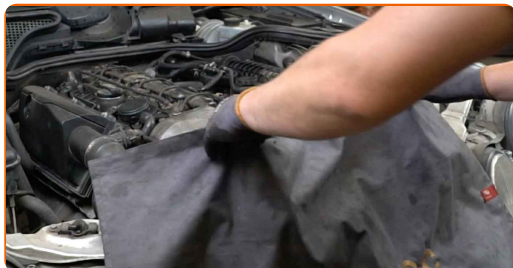


**AUTODOC recommends:**

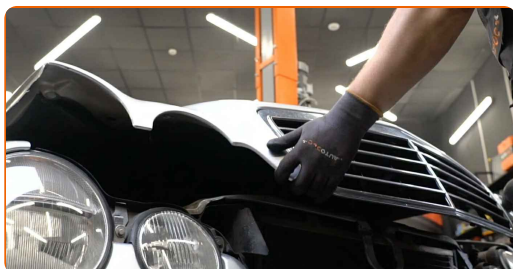
- This is necessary in order to make sure that the component operates properly.

**25** Shut off the engine.

**26** Remove the fender protection cover.



**27** Close the bonnet.



Replacement: fuel filter – Mercedes W210. AUTODOC experts recommend:

- To protect the environment from pollution, be sure to dispose of the used filters at special collection points.

**WELL DONE!** 

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