



How to change fuel filter  
on **MERCEDES-BENZ V-**  
**Class (W638/2)** –  
replacement guide

### SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

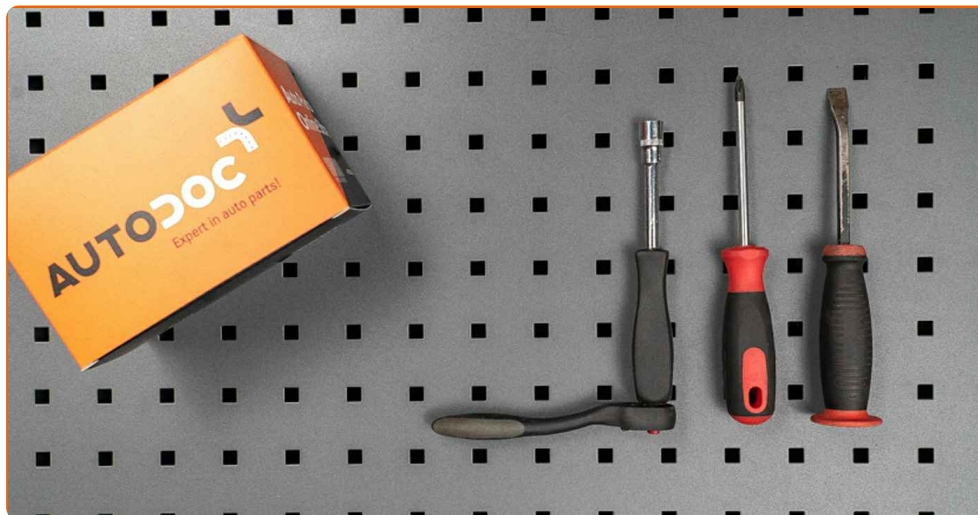
#### Important!

This replacement procedure can be used for:  
 MERCEDES-BENZ V-Class (W638/2) V 200 CDI (638.294), MERCEDES-BENZ V-Class (W638/2) V 220 CDI (638.294)

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: MERCEDES-BENZ VITO Bus (638) 112 CDI 2.2 (638.194)

REPLACEMENT: FUEL FILTER – MERCEDES-BENZ V-  
CLASS (W638/2). TOOLS YOU'LL NEED:



- Impact socket №10
- Phillips screwdriver
- Ratchet wrench
- Fluid container
- Crow bar
- Fender cover

[Buy tools](#)

Replacement: fuel filter – MERCEDES-BENZ V-Class (W638/2). Tip from AUTODOC:

- Ensure adequate ventilation of the workplace. Fuel vapors are poisonous.
- Please note: all work on the car – MERCEDES-BENZ V-Class (W638/2) – should be done with the engine switched off.

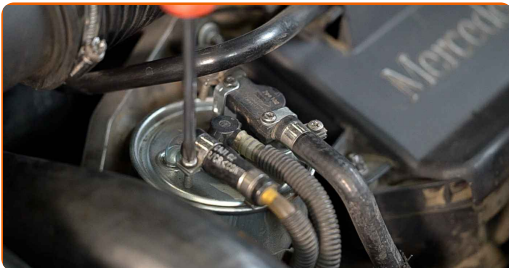
**CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:**

**1** Open the bonnet.

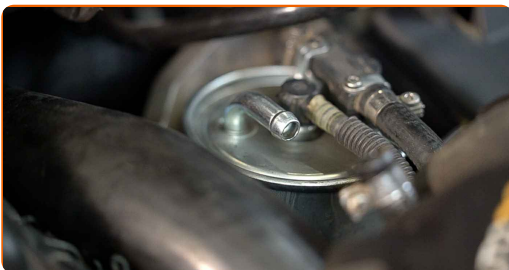
**2** Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.

**3** Prepare a container for fluids.

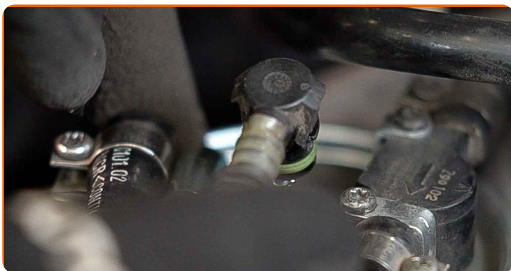
**4** Loosen the fastening clamp of the fuel filter pipe. Use a Phillips screwdriver.



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



**6** Remove the fuel pressure sensor. Use a crowbar.



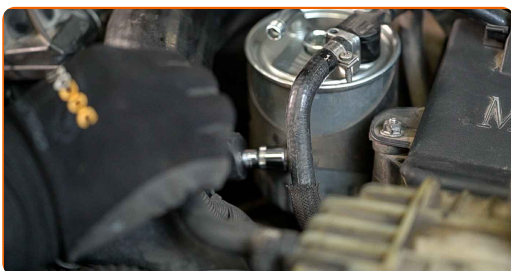
**7** Unscrew the fastener attaching the fuel supply line to the fuel filter housing. Use a Phillips screwdriver.



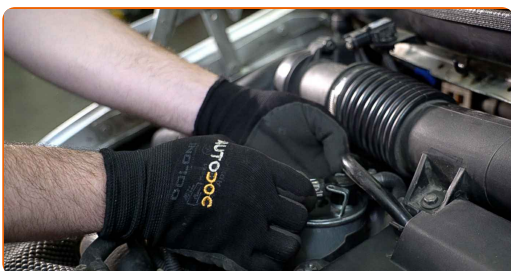
**AUTODOC recommends:**

- Be careful! Fuel may leak from the filter housing and hoses.

**8** Loosen the fuel filter mounting. Use a drive socket #10. Use a ratchet wrench.



**9** Disconnect the fuel supply lines from the fuel filter.



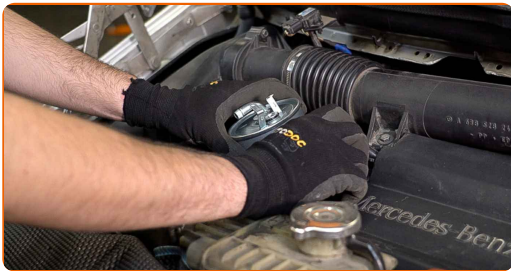
**10**

Remove the fuel filter. Put the old filter cartridge in the container.



**11**

Install a new fuel filter.

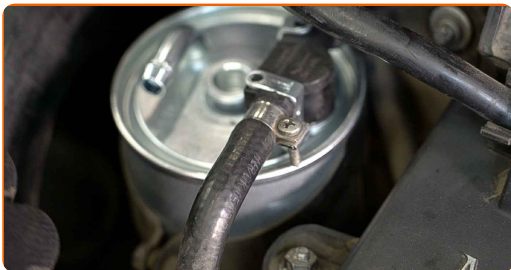


Replacement: fuel filter – MERCEDES-BENZ V-Class (W638/2). Tip from AUTODOC experts:

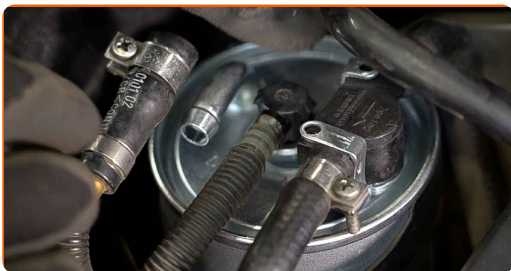
- Make sure that the fuel filter is positioned correctly. Consider the fuel flow direction mark.
- During installation, take care to prevent dust and dirt from getting into the fuel filter housing.
- Attention! Use quality filters – MERCEDES-BENZ V-Class (W638/2).

**12**

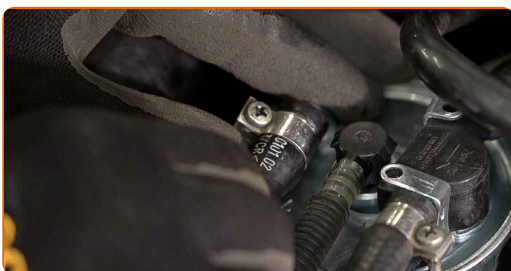
Connect the fuel supply lines to the fuel filter.



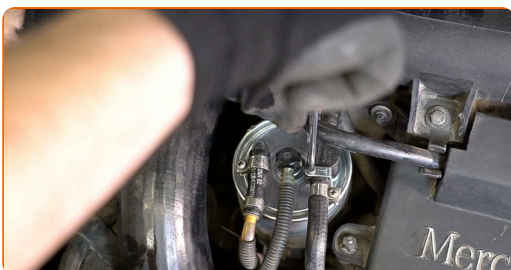
**13** Install the fuel pressure sensor.



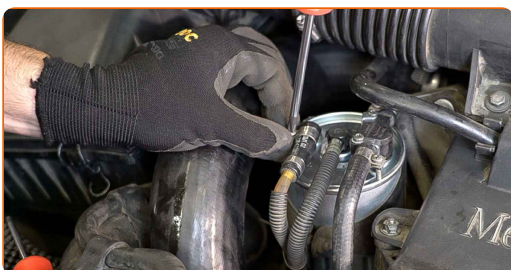
**14** Attach the pipe to the fuel filter.



**15** Screw the fastener attaching the fuel supply line to the fuel filter housing. Use a Phillips screwdriver.

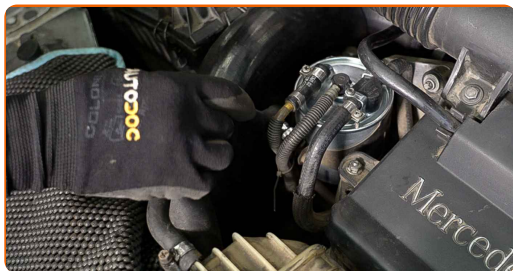


**16** Tighten the fastening clamp of the fuel filter pipe. Use a Phillips screwdriver.

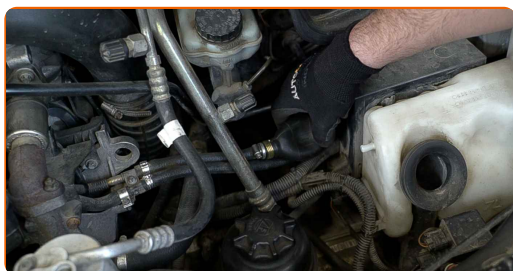




**17** Tighten the fuel filter fasteners. Use a drive socket #10. Use a ratchet wrench.



**18** Press the fuel primer pump several times until it gets hard.



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

**20** Shut off the engine.

**21** Remove the fender protection cover.

**22** Close the hood.

Replacement: fuel filter – MERCEDES-BENZ V-Class (W638/2). AUTODOC experts recommend:

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

**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**

**FUEL FILTER: A WIDE SELECTION**

## **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 2023 – 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 SE.