



How to change fuel filter  
on **MERCEDES-BENZ**  
**SPRINTER 3-t**  
**Platform/Chassis (903)** –  
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 SPRINTER 3-t Platform/Chassis (903) 308 CDI 2.2, MERCEDES-BENZ SPRINTER 3-t Platform/Chassis (903) 311 CDI 2.2, MERCEDES-BENZ SPRINTER 3-t Platform/Chassis (903) 313 CDI 2.2, MERCEDES-BENZ SPRINTER 3-t Platform/Chassis (903) 316 CDI 2.7, MERCEDES-BENZ SPRINTER 3-t Platform/Chassis (903) 311 CDI 2.2 4x4, MERCEDES-BENZ SPRINTER 3-t Platform/Chassis (903) 313 CDI 2.2 4x4, MERCEDES-BENZ SPRINTER 3-t Platform/Chassis (903) 316 CDI 2.7 4x4

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  
SPRINTER 3-T PLATFORM/CHASSIS (903). TOOLS  
YOU'LL NEED:



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

**Buy tools**

Replacement: fuel filter – MERCEDES-BENZ SPRINTER 3-t Platform/Chassis (903). Tip from AUTODOC:

- Ensure adequate ventilation of the workplace. Fuel vapors are poisonous.
- Please note: all work on the car – MERCEDES-BENZ SPRINTER 3-t Platform/Chassis (903) – should be done with the engine switched off.

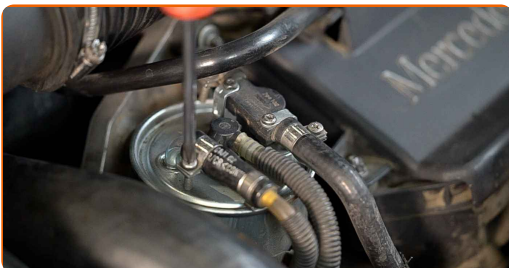
**CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:**

**1** Open the bonnet.

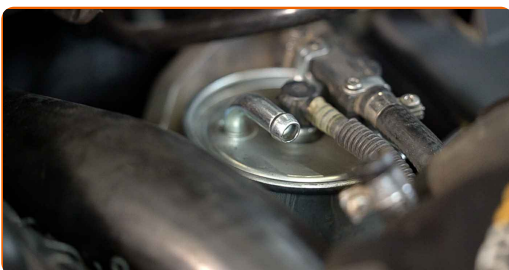
**2** Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.

**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.



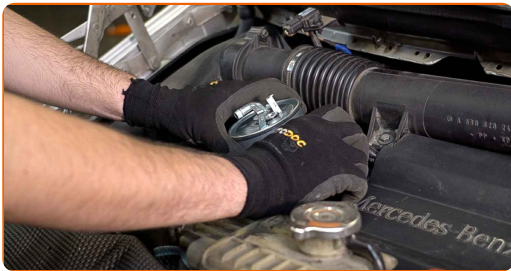
**10**

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



**11**

Install a new fuel filter.

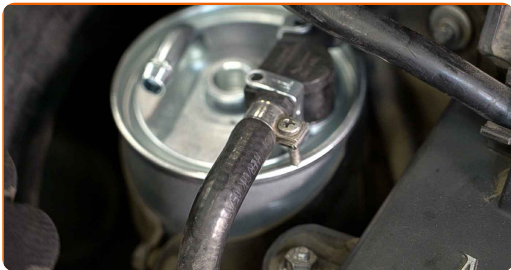


**Replacement: fuel filter – MERCEDES-BENZ SPRINTER 3-t Platform/Chassis (903). Tip from AUTODOC experts:**

- 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 SPRINTER 3-t Platform/Chassis (903).

**12**

Connect the fuel supply lines to the fuel filter.





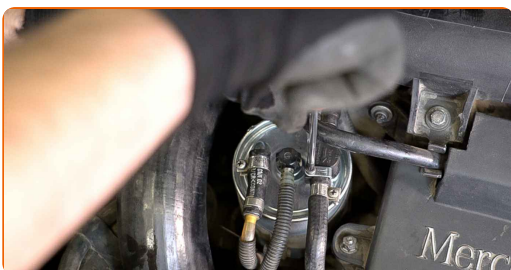
**13** Install the fuel pressure sensor.



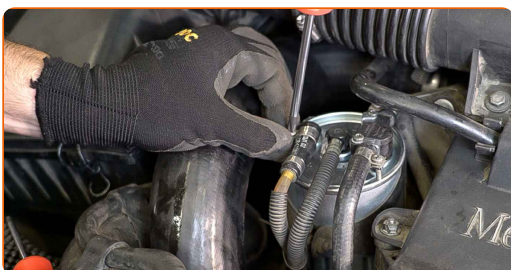
**14** Attach the pipe to the fuel filter.



**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.



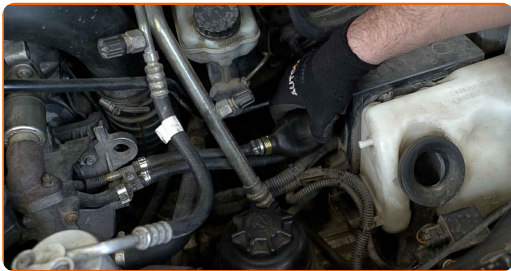
**17**

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 SPRINTER 3-t Platform/Chassis (903). 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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**FUEL FILTER: A WIDE SELECTION**

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