



How to change fuel filter
on **MERCEDES-BENZ**
SPRINTER 3-t Box (903) –
replacement guide

SIMILAR VIDEO TUTORIAL



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

 Important!

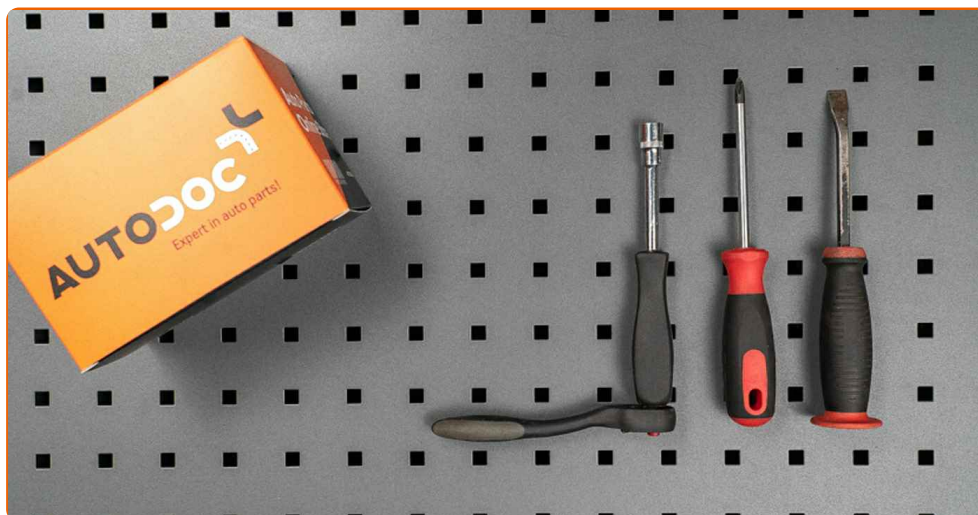
This replacement procedure can be used for:

MERCEDES-BENZ SPRINTER 3-t Box (903) 308 CDI 2.2, MERCEDES-BENZ SPRINTER 3-t Box (903) 311 CDI 2.2, MERCEDES-BENZ SPRINTER 3-t Box (903) 313 CDI 2.2, MERCEDES-BENZ SPRINTER 3-t Box (903) 316 CDI 2.7, MERCEDES-BENZ SPRINTER 3-t Box (903) 311 CDI 2.2 4x4, MERCEDES-BENZ SPRINTER 3-t Box (903) 313 CDI 2.2 4x4, MERCEDES-BENZ SPRINTER 3-t Box (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 BOX (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 Box (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 Box (903) – should be done with the engine switched off.

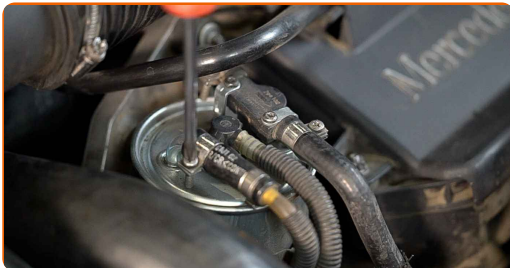
CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1 Open the bonnet.

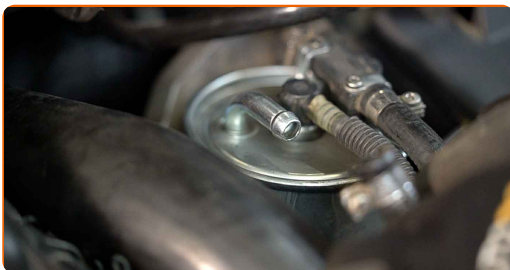
2 Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.

3 Prepare a container for fluids.

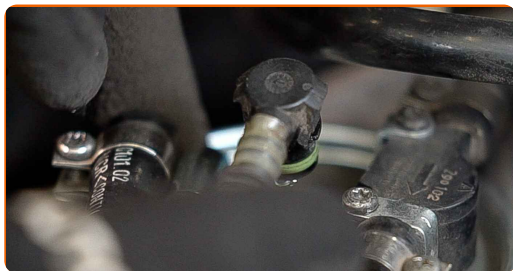
4 Loosen the fastening clamp of the fuel filter pipe. Use a Phillips screwdriver.



5 Disconnect the pipe from the fuel filter.



6 Remove the fuel pressure sensor. Use a crowbar.



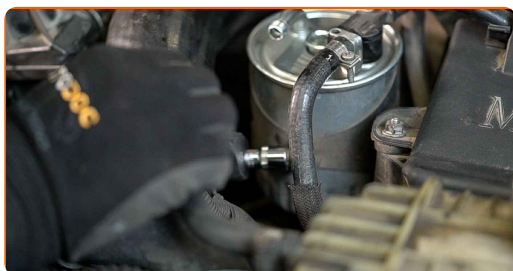
7 Unscrew the fastener attaching the fuel supply line to the fuel filter housing. Use a Phillips screwdriver.



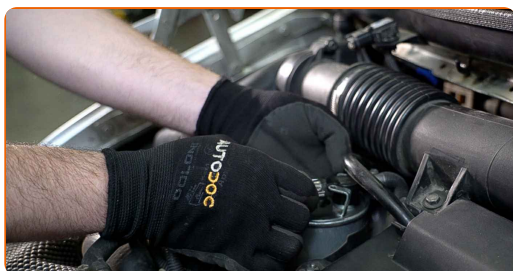
AUTODOC recommends:

- 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.

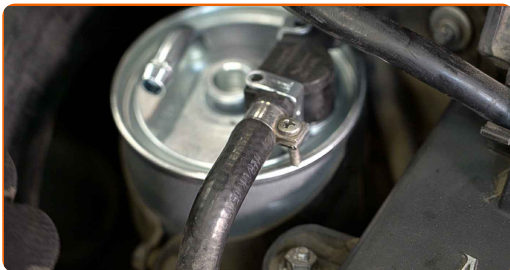


Replacement: fuel filter – MERCEDES-BENZ SPRINTER 3-t Box (903). Tip from AUTODOC experts:

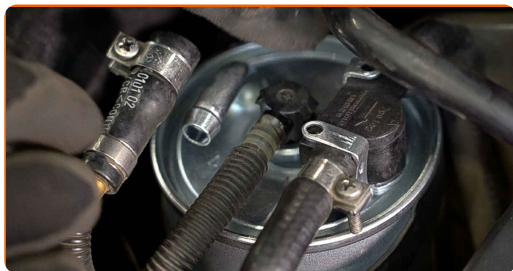
- Make sure that the fuel filter is positioned correctly. Consider the fuel flow direction mark.
- During installation, take care to prevent dust and dirt from getting into the fuel filter housing.
- Attention! Use quality filters – MERCEDES-BENZ SPRINTER 3-t Box (903).

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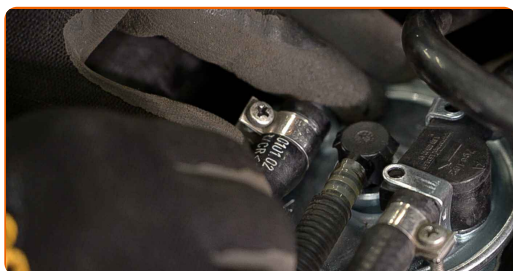
Connect the fuel supply lines to the fuel filter.



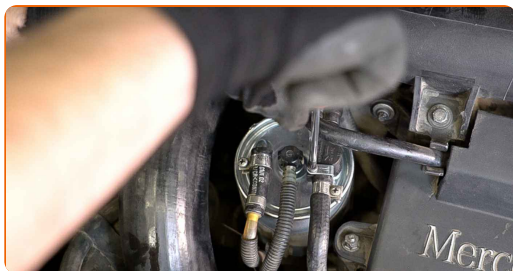
13 Install the fuel pressure sensor.



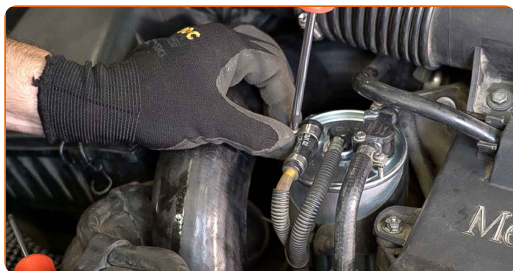
14 Attach the pipe to the fuel filter.



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

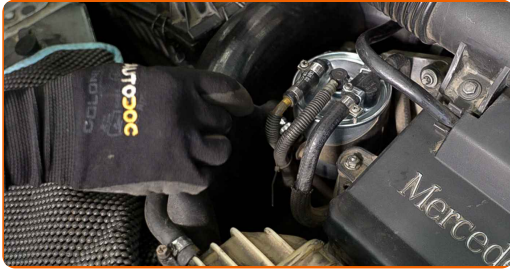


16 Tighten the fastening clamp of the fuel filter pipe. Use a Phillips screwdriver.



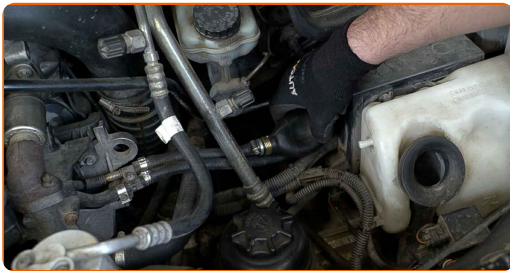
17

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 Box (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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