



How to change fuel filter
on **MERCEDES-BENZ**
SPRINTER 5-t Bus –
replacement guide

SIMILAR VIDEO TUTORIAL



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

Important!

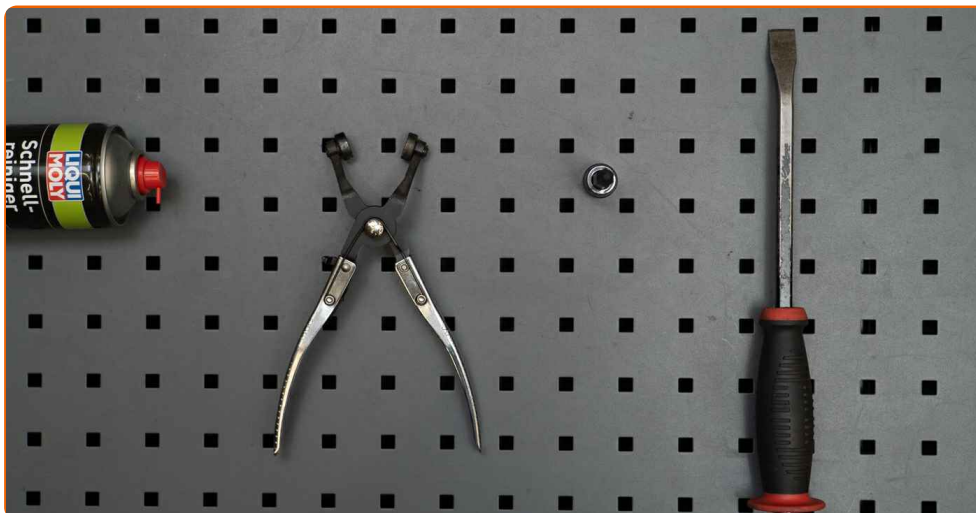
This replacement procedure can be used for:

MERCEDES-BENZ SPRINTER 5-t Bus 513 CDI 2.1 (906.653, 906.655, 906.657)

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 C-Class Saloon (W204) C 220 CDI (204.008)

REPLACEMENT: FUEL FILTER – MERCEDES-BENZ
SPRINTER 5-T BUS. LIST OF THE TOOLS YOU'LL NEED:



- All-purpose cleaning spray
- Torx bit T20
- Clic-R collar pliers
- Crow bar
- Fender cover

Buy tools

Replacement: fuel filter – MERCEDES-BENZ SPRINTER 5-t Bus. Tip from AUTODOC:

- Ensure adequate ventilation of the workplace. Fuel vapors are poisonous.
- Please note: all work on the car – MERCEDES-BENZ SPRINTER 5-t Bus – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1 Open the hood.

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

3 Remove the engine cover.



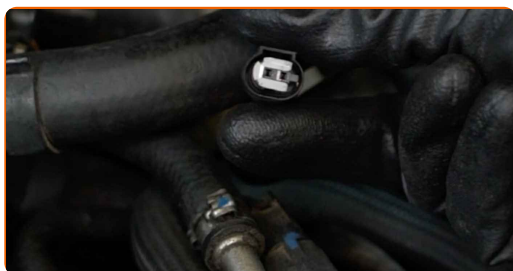
Replacement: fuel filter – MERCEDES-BENZ SPRINTER 5-t Bus. Tip:

- Raise the engine cover, holding it on two sides simultaneously.
- Do not apply excessive force when removing the part. Otherwise you may damage it.

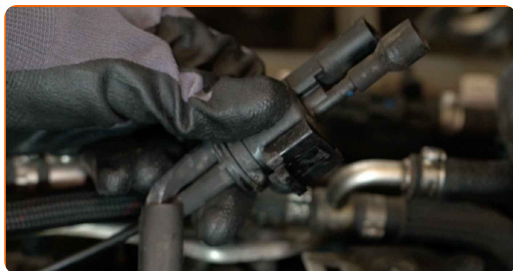
4 Clean the fasteners of the fuel supply lines. Use all-purpose cleaning spray.



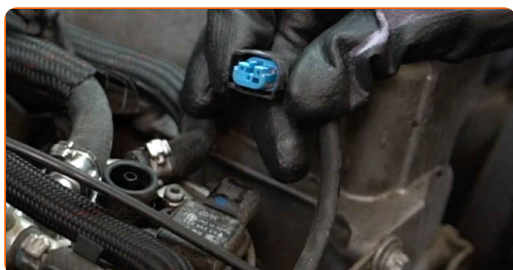
5 Unplug the vacuum valve connector.



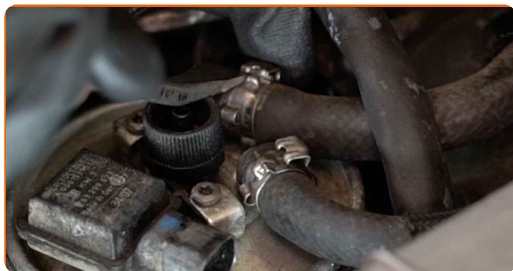
6 Detach the vacuum valve from its mounting seat and set it aside. Use a crowbar.



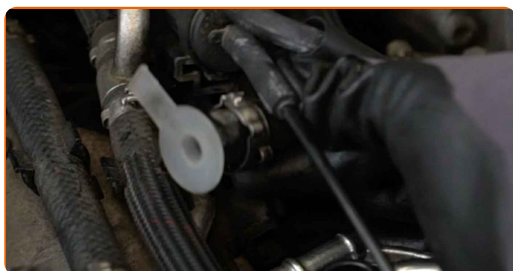
7 Detach the connector of the water-in-fuel sensor.



8 Loosen the fastening clamps of the fuel filter pipes. Use a crowbar.



9 Detach the tubes from the fuel filter.



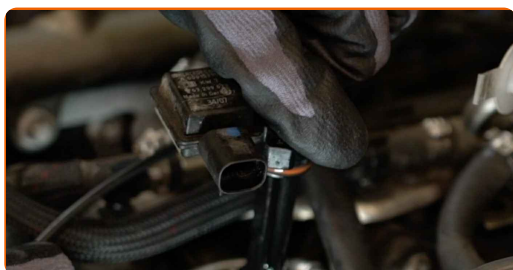
Replacement: fuel filter – MERCEDES-BENZ SPRINTER 5-t Bus. AUTODOC recommends:

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

10 Unscrew the water-in-fuel sensor fasteners. Use Torx T20.



11 Disconnect the water-in-fuel sensor from the fuel filter.



12 Unclip the fuel filter retainer. Use a crowbar.



13 Remove the fuel filter.



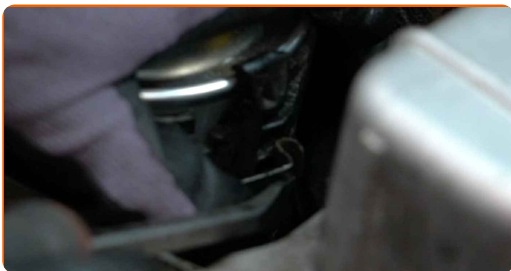
14 Install a new fuel filter.



AUTODOC recommends:

- During installation, take care to prevent dust and dirt from getting into the fuel filter housing.
- Attention! Use quality filters – MERCEDES-BENZ SPRINTER 5-t Bus.

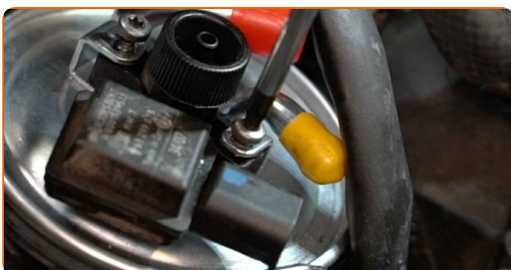
15 Fasten the fuel filter retainer. Use a crowbar.



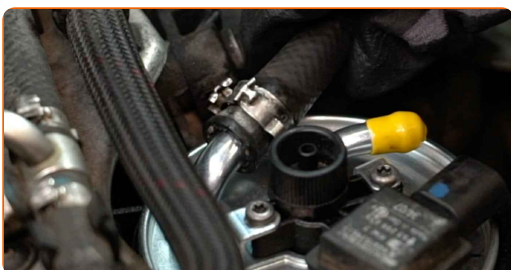
16 Install the water-in-fuel sensor.



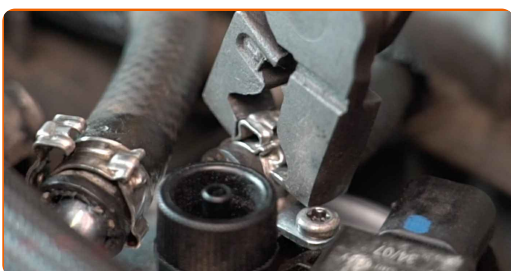
17 Screw in the water-in-fuel sensor fasteners. Use Torx T20.



18 Attach the tubes to the fuel filter.



19 Tighten the fastening clamps of the fuel filter pipes. Use clic-R collar pliers.



20 Attach the connector of the water-in-fuel sensor.



21 Install the vacuum valve.



22 Plug in the vacuum valve connector.



23 Prime the fuel system.



24 Clean the fuel filter. Use all-purpose cleaning spray.



25

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

26

Shut off the engine.

Replacement: fuel filter – MERCEDES-BENZ SPRINTER 5-t Bus. Tip from AUTODOC experts:

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

27

Install the engine cover and secure it.



AUTODOC recommends:

- Replacement: fuel filter – MERCEDES-BENZ SPRINTER 5-t Bus. Do not use excessive force during installation. This may damage the part.

28

Remove the fender protection cover.

29

Close the hood.

WELL DONE! 

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FUEL FILTER: A WIDE SELECTION

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