



How to change fuel filter  
on **MERCEDES-BENZ**  
**Sprinter Classic 3.5-T**  
**Van (W909)** –  
replacement guide

## SIMILAR VIDEO TUTORIAL



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

### **Important!**

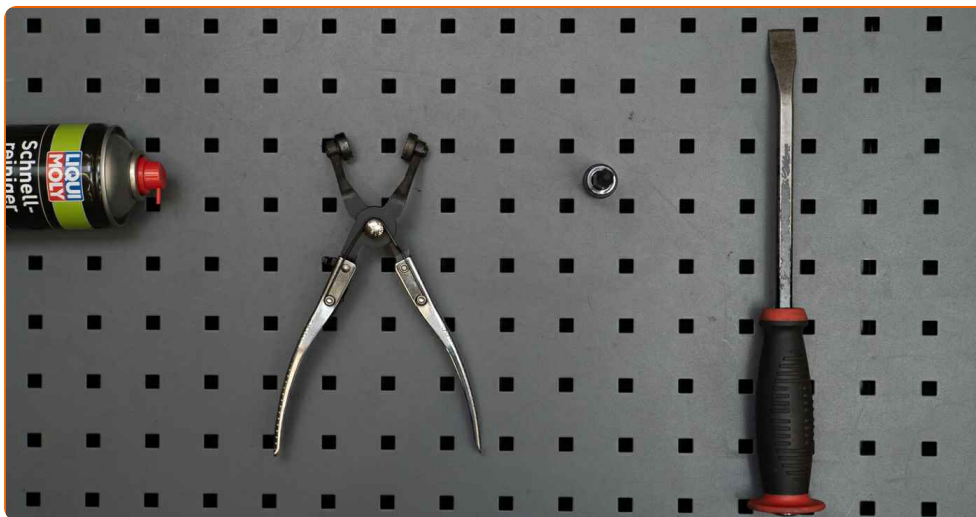
This replacement procedure can be used for:

MERCEDES-BENZ Sprinter Classic 3.5-T Van (W909) 311 CDI 2.2 (909.632, 909.633)

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 CLASSIC 3.5-T VAN (W909). 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 Classic 3.5-T Van (W909).  
Tip from AUTODOC:

- Ensure adequate ventilation of the workplace. Fuel vapors are poisonous.
- Please note: all work on the car – MERCEDES-BENZ Sprinter Classic 3.5-T Van (W909) – 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.



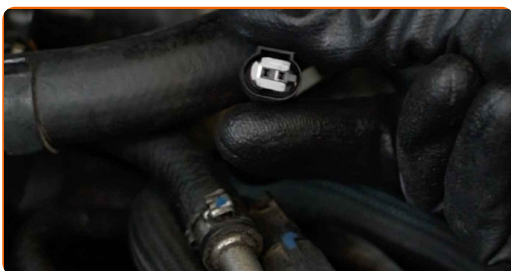
Replacement: fuel filter – MERCEDES-BENZ Sprinter Classic 3.5-T Van (W909).  
Tip:

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

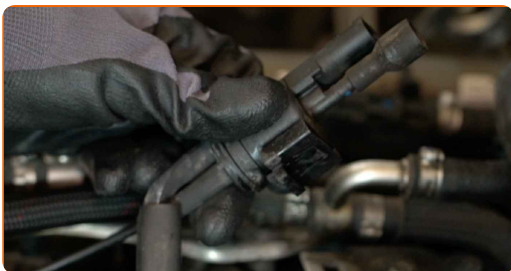
**4** Clean the fasteners of the fuel supply lines. Use all-purpose cleaning spray.



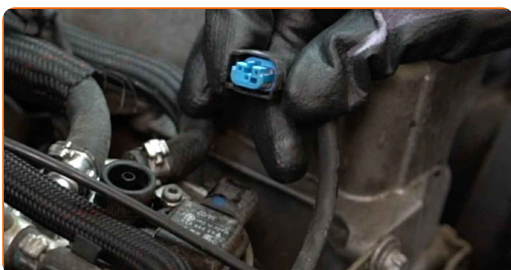
**5** Unplug the vacuum valve connector.



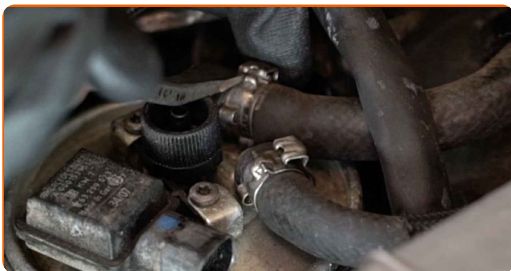
**6** Detach the vacuum valve from its mounting seat and set it aside. Use a crowbar.



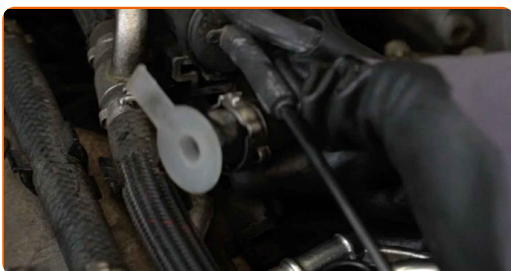
**7** Detach the connector of the water-in-fuel sensor.



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



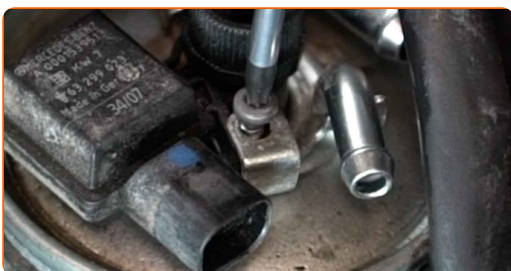
**9** Detach the tubes from the fuel filter.



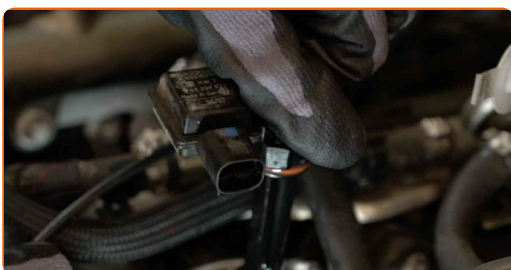
Replacement: fuel filter – MERCEDES-BENZ Sprinter Classic 3.5-T Van (W909).  
AUTODOC recommends:

- 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.



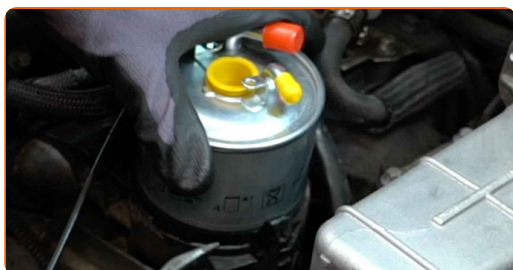
**12** Unclip the fuel filter retainer. Use a crowbar.



**13** Remove the fuel filter.



**14** Install a new fuel filter.

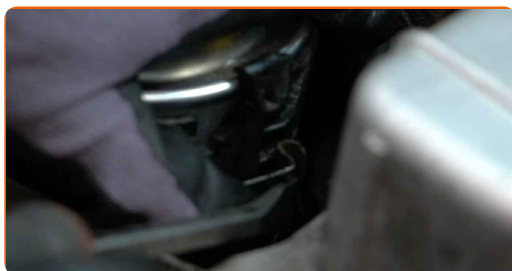


**AUTODOC recommends:**

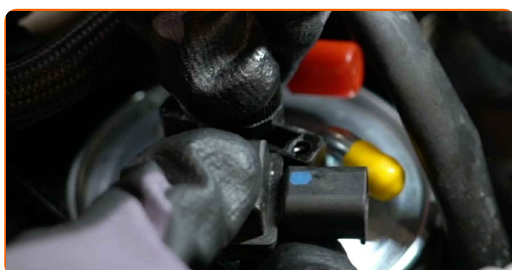
- During installation, take care to prevent dust and dirt from getting into the fuel filter housing.
- Attention! Use quality filters – MERCEDES-BENZ Sprinter Classic 3.5-T Van (W909).



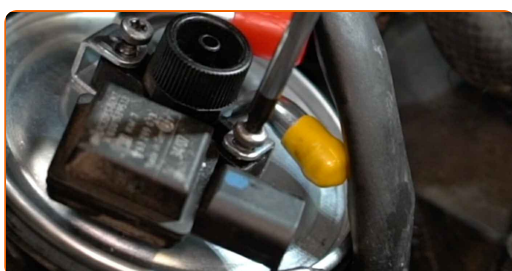
**15** Fasten the fuel filter retainer. Use a crowbar.



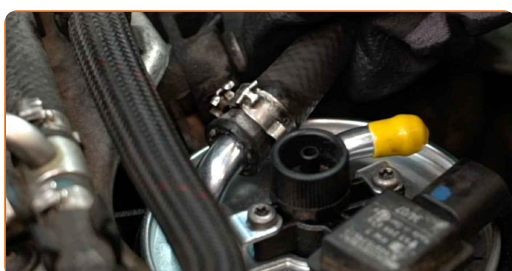
**16** Install the water-in-fuel sensor.



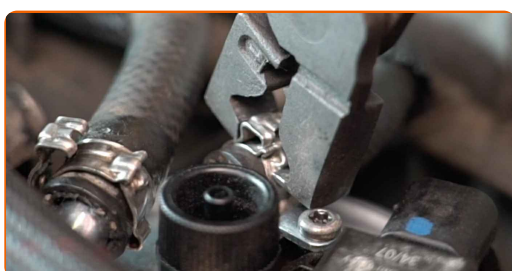
**17** Screw in the water-in-fuel sensor fasteners. Use Torx T20.



**18** Attach the tubes to the fuel filter.



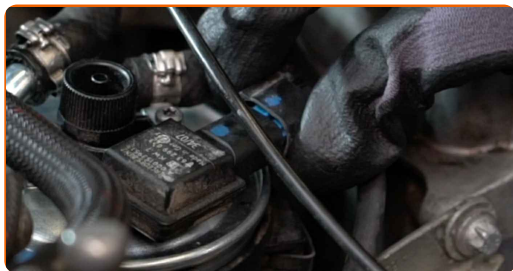
**19** Tighten the fastening clamps of the fuel filter pipes. Use clic-R collar pliers.



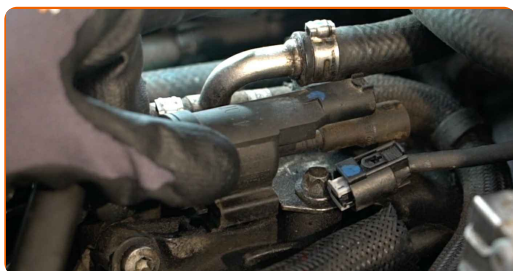


**20**

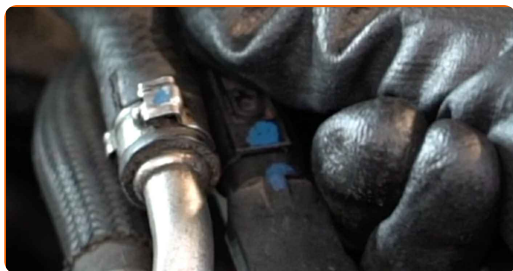
Attach the connector of the water-in-fuel sensor.

**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 Classic 3.5-T Van (W909).**  
**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 Classic 3.5-T Van (W909). 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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