



How to change fuel filter  
on **MERCEDES-BENZ**  
**SPRINTER 3,5-t Box**  
**(906)** – 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:

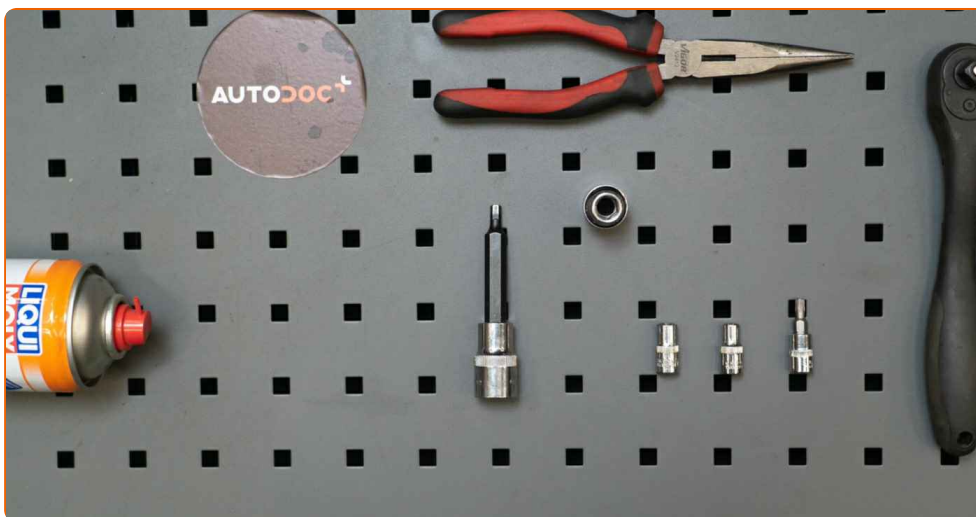
MERCEDES-BENZ SPRINTER 3,5-t Box (906) 319 CDI / BlueTEC 3.0 4x4 (906.631, 906.633, 906.635), MERCEDES-BENZ SPRINTER 3,5-t Box (906) 311 CDI 2.2 (906.631, 906.633, 906.635), MERCEDES-BENZ SPRINTER 3,5-t Box (906) 315 CDI 2.2 (906.631, 906.633, 906.635), MERCEDES-BENZ SPRINTER 3,5-t Box (906) 309 CDI 2.2 (906.631, 906.633, 906.635), MERCEDES-BENZ SPRINTER 3,5-t Box (906) 318 CDI 3.0 (906.631, 906.633, 906.635), MERCEDES-BENZ SPRINTER 3,5-t Box (906) 313 CDI 2.2 (906.631, 906.633, 906.635), MERCEDES-BENZ SPRINTER 3,5-t Box (906) 319 CDI / BlueTEC 3.0 (906.631, 906.633, 906.635), MERCEDES-BENZ SPRINTER 3,5-t Box (906) 311 CDI 2.2 4x4 (906.631, 906.633, 906.635), MERCEDES-BENZ SPRINTER 3,5-t Box (906) 315 CDI 2.2 4x4 (906.631, 906.633, 906.635), MERCEDES-BENZ SPRINTER 3,5-t Box (906) 318 CDI 3.0 4x4 (906.631, 906.633, 906.635)

The steps may slightly vary depending on the car design.

Please note that this tutorial was created based on the replacement procedure for this car part on a car with a similar design.

This tutorial was created based on the replacement procedure for a similar car part on: MERCEDES-BENZ E-Class Saloon (W211) E 270 CDI (211.016)

**REPLACEMENT: FUEL FILTER – MERCEDES-BENZ  
SPRINTER 3,5-T BOX (906). LIST OF THE TOOLS YOU'LL  
NEED:**



- All-purpose cleaning spray
- Torx bit T25
- Drive socket # 5.5
- Drive socket # 7
- Drive socket # 10
- HEX bit No.H5
- Ratchet wrench
- Round-nose pliers
- Bulb hand fuel pump
- Fender cover

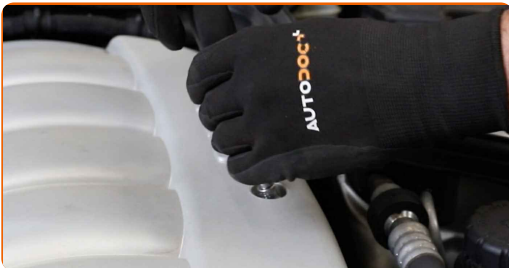
**Buy tools**

Replacement: fuel filter – MERCEDES-BENZ SPRINTER 3,5-t Box (906).  
 AUTODOC experts recommend:

- Ensure adequate ventilation of the workplace. Fuel vapors are poisonous.
- Please note: all work on the car – MERCEDES-BENZ SPRINTER 3,5-t Box (906) – 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 Unscrew the engine cover fastener. Use Torx T25. Use a ratchet wrench.
- 4 Unscrew the fasteners of the back section of the engine cover. Use a drive socket #10. Use a ratchet wrench.



- 5 Remove the back section of the engine cover.



**AUTODOC recommends:**

- Replacement: fuel filter – MERCEDES-BENZ SPRINTER 3,5-t Box (906). Do not use excessive force when removing the part as this may damage it.

**6**

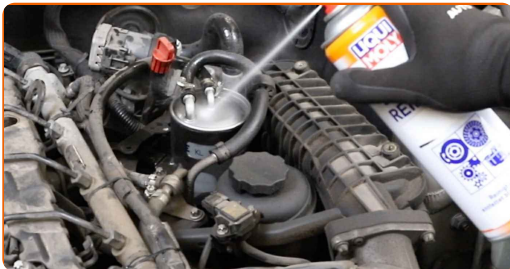
Remove the engine cover.

**AUTODOC recommends:**

- Replacement: fuel filter – MERCEDES-BENZ SPRINTER 3,5-t Box (906). To avoid damaging the part when removing it, do not use excessive force.

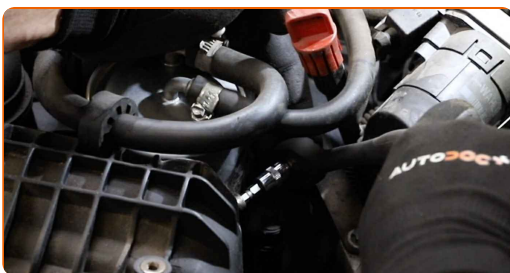
**7**

Clean the fuel filter housing and the cover. Use all-purpose cleaning spray.



**8**

Loosen the fuel filter mounting. Use HEX No.H5. Use a ratchet wrench.



- 9 Loosen the fastening clamps of the fuel filter pipes. Use a drive socket #5.5. Use a drive socket #7. Use a ratchet wrench.



- 10 Detach the tubes from the fuel filter. Use round-nose pliers.



Replacement: fuel filter – MERCEDES-BENZ SPRINTER 3,5-t Box (906). Tip:

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

- 11 Remove the fuel filter.



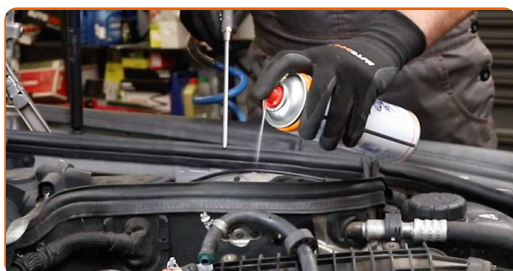
**12** Install a new fuel filter.



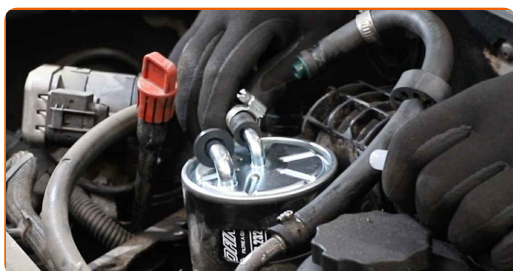
Replacement: fuel filter – MERCEDES-BENZ SPRINTER 3,5-t Box (906). Tip from AUTODOC:

- 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.
- MERCEDES-BENZ SPRINTER 3,5-t Box (906) – It's important to only use high-quality filters.

**13** Clean the fuel filter housing and the cover. Use all-purpose cleaning spray.



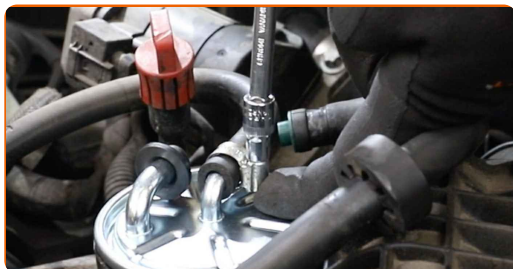
**14** Attach the pipe to the fuel filter.





15

Tighten the fastening clamp of the fuel filter pipe. Use a drive socket #5.5. Use a ratchet wrench.



16

Press the fuel primer pump several times until it gets hard. Use a bulb hand fuel pump.



17

Attach the pipe to the fuel filter.



18

Tighten the fastening clamp of the fuel filter pipe. Use a drive socket #7. Use a ratchet wrench.



**19**

Clean the fuel filter housing and the cover. Use all-purpose cleaning spray.



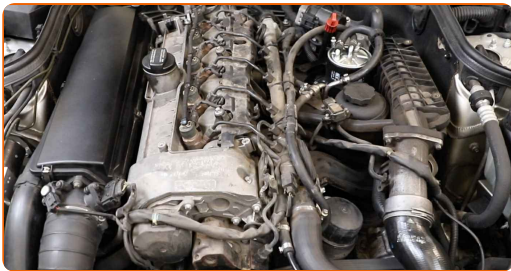
**20**

Screw in the fuel filter mounting bracket. Use HEX No.H5. Use a ratchet wrench.



**21**

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



**22**

Shut off the engine.

**23**

Install the engine cover and secure it.

**AUTODOC recommends:**

- Replacement: fuel filter – MERCEDES-BENZ SPRINTER 3,5-t Box (906). Do not use excessive force during installation. This may damage the part.

**24** Screw in the engine cover fasteners. Use Torx T25. Use a ratchet wrench.

**25** Put the back section of the engine cover back in place.



**AUTODOC recommends:**

- Replacement: fuel filter – MERCEDES-BENZ SPRINTER 3,5-t Box (906). To avoid damaging the part during installation, do not use excessive force.

**26** Screw in the fasteners of the back section of the engine cover. Use a drive socket #10. Use a ratchet wrench.



**27** Remove the fender protection cover.

**28** Close the hood.

**WELL DONE!** 

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**FUEL FILTER: A WIDE SELECTION**

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