



How to change air filter  
on **MERCEDES-BENZ**  
**Sprinter 3-T**  
**Platform/Chassis**  
**(W903)** – 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 (W903) 308 D 2.3, MERCEDES-BENZ Sprinter 3-T Platform/Chassis (W903) 312 D 2.9, MERCEDES-BENZ Sprinter 3-T Platform/Chassis (W903) 314 2.3, MERCEDES-BENZ Sprinter 3-T Platform/Chassis (W903) 310 D 2.9, MERCEDES-BENZ Sprinter 3-T Platform/Chassis (W903) 308 CDI 2.2, MERCEDES-BENZ Sprinter 3-T Platform/Chassis (W903) 311 CDI 2.2, MERCEDES-BENZ Sprinter 3-T Platform/Chassis (W903) 313 CDI 2.2, MERCEDES-BENZ Sprinter 3-T Platform/Chassis (W903) 316 CDI 2.7, MERCEDES-BENZ Sprinter 3-T Platform/Chassis (W903) 314 NGT 2.3, MERCEDES-BENZ Sprinter 3-T Platform/Chassis (W903) 311 CDI 2.2 4x4, MERCEDES-BENZ Sprinter 3-T Platform/Chassis (W903) 313 CDI 2.2 4x4, MERCEDES-BENZ Sprinter 3-T Platform/Chassis (W903) 316 CDI 2.7 4x4, MERCEDES-BENZ Sprinter 3-T Platform/Chassis (W903) 312 D 2.9 (903.411, 903.412, 903.413, 903.421, 903.422,...), MERCEDES-BENZ Sprinter 3-T Platform/Chassis (W903) 310 D 2.9 4x4

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 Vito Minibus (W638) 112 CDI 2.2 (638.194)

REPLACEMENT: AIR FILTER – MERCEDES-BENZ  
SPRINTER 3-T PLATFORM/CHASSIS (W903). TOOLS  
YOU'LL NEED:



- Drive socket # 7
- Ratchet wrench
- Phillips screwdriver
- Crow bar
- Microfibre towel
- Fender cover

[Buy tools](#)

Replacement: air filter – MERCEDES-BENZ Sprinter 3-T Platform/Chassis (W903). Tip from AUTODOC experts:

- Follow the terms, recommendations and requirements of the part operation provided by the manufacturer.
- Please note: all work on the car – MERCEDES-BENZ Sprinter 3-T Platform/Chassis (W903) – 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 Detach the air intake hose clamp. Use a drive socket #7. Use a ratchet wrench.



4 Disconnect the air intake pipe from the air filter housing. Use a crowbar.



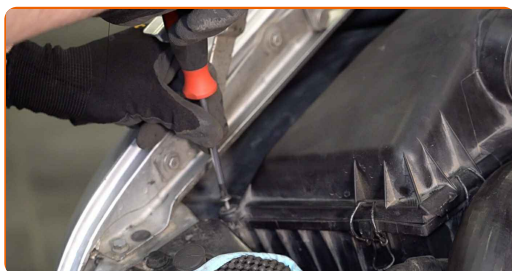
5

Unplug the mass air flow sensor connector.



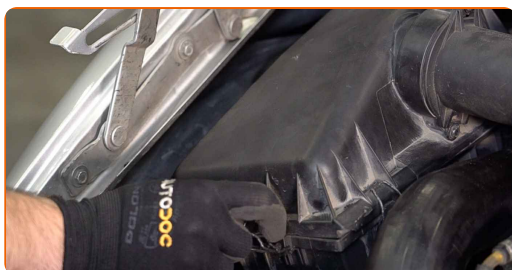
6

Undo the fastening screws of the air filter cover. Use a Phillips screwdriver.



7

Release the air filter cover clips.



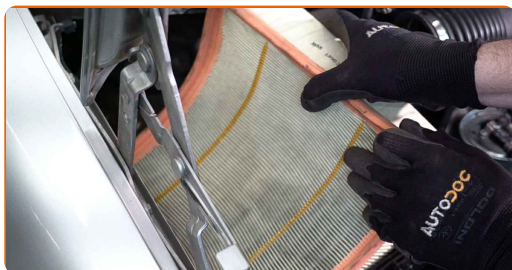
8

Take off the filter lid.



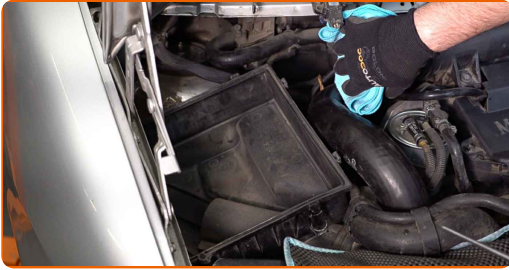
9

Remove the filter element from the filter housing.



10

Cover the air intake hose with a microfibre towel to prevent dust and dirt from getting into the system.



11

Clean the air filter cover and housing.

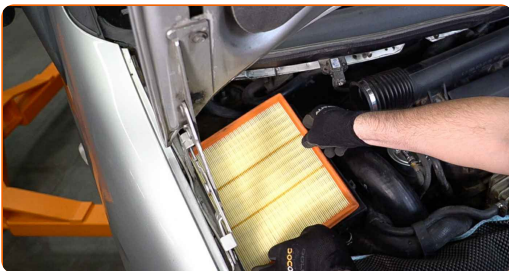


Replacement: air filter – MERCEDES-BENZ Sprinter 3-T Platform/Chassis (W903). Professionals recommend:

- Before cleaning the air filter cover and housing, cover the air duct parts, mass airflow sensor (if available), throttle valve with a clean cloth.

12

Insert a new filter element into the filter housing. Make sure that the filter edge fits tight to the housing.



AUTODOC recommends:

- Replacement: air filter – MERCEDES-BENZ Sprinter 3-T Platform/Chassis (W903). Be sure to position the filtering element correctly. Avoid misalignment.
- Take care to only use quality filters.
- During installation, make sure to prevent dust and dirt from getting into the air filter housing.

13

Reinstall the air filter cover. Fasten it.



14

Connect the air intake pipe to the air filter housing.



15

Press the air filter cover clips into place.





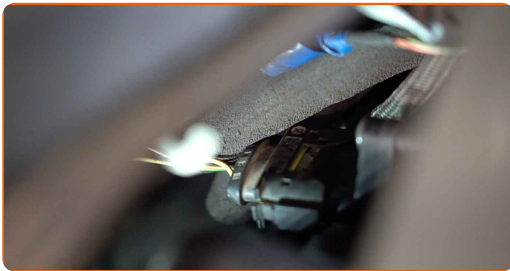
16

Screw in the fastening screws of the air filter cover. Use a Phillips screwdriver.



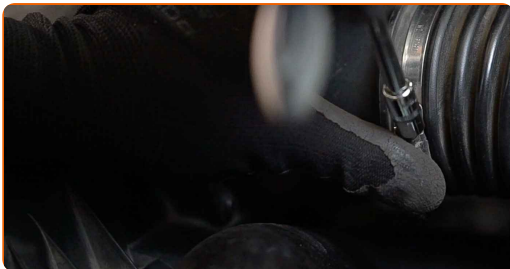
17

Plug in the mass air flow sensor connector.



18

Fasten the clamp on the air intake hose. Use a drive socket #7. Use a ratchet wrench.



19

Remove the fender protection cover.

20

Close the hood.

**WELL DONE!** 👍

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**AIR FILTER: A WIDE SELECTION**

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