



How to change air filter  
on **MERCEDES-BENZ**  
**Sprinter 4-T Van (W904)**  
– 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 4-T Van (W904) 414 2.3, MERCEDES-BENZ Sprinter 4-T Van (W904) 408 CDI 2.2, MERCEDES-BENZ Sprinter 4-T Van (W904) 411 CDI 2.2, MERCEDES-BENZ Sprinter 4-T Van (W904) 413 CDI 2.2, MERCEDES-BENZ Sprinter 4-T Van (W904) 416 CDI 2.7, MERCEDES-BENZ Sprinter 4-T Van (W904) 411 CDI 2.2 4x4, MERCEDES-BENZ Sprinter 4-T Van (W904) 413 CDI 2.2 4x4, MERCEDES-BENZ Sprinter 4-T Van (W904) 416 CDI 2.7 4x4, MERCEDES-BENZ Sprinter 4-T Van (W904) 408 D 2.3, MERCEDES-BENZ Sprinter 4-T Van (W904) 410 D 2.9, MERCEDES-BENZ Sprinter 4-T Van (W904) 410 D 2.9 4x4, MERCEDES-BENZ Sprinter 4-T Van (W904) 412 D 2.9, MERCEDES-BENZ Sprinter 4-T Van (W904) 412 D 2.9 4x4, MERCEDES-BENZ Sprinter 4-T Van (W904) 414 D 2.9 4x4, MERCEDES-BENZ Sprinter 4-T Van (W904) 414 NGT

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 Minibus (W638) 112 CDI 2.2 (638.194)

REPLACEMENT: AIR FILTER – MERCEDES-BENZ  
SPRINTER 4-T VAN (W904). 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 4-T Van (W904). 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 4-T Van (W904) – 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.

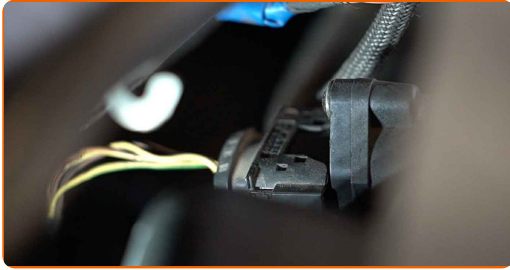
**3** Detach the air intake hose clamp. Use a drive socket #7. Use a ratchet wrench.



**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.



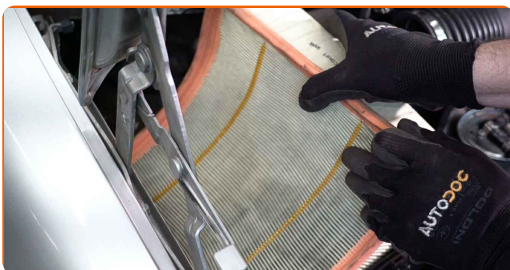
7 Release the air filter cover clips.



8 Take off the filter lid.

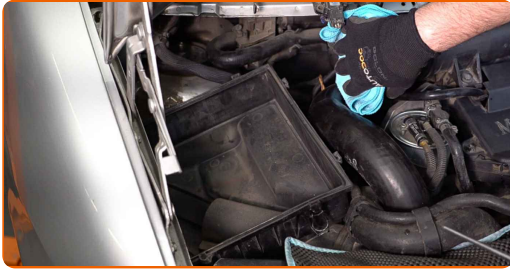


9 Remove the filter element from the filter housing.



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 4-T Van (W904).  
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.

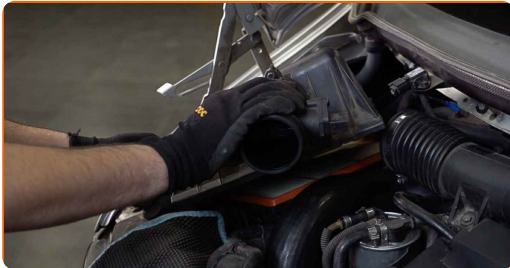


**AUTODOC recommends:**

- Replacement: air filter – MERCEDES-BENZ Sprinter 4-T Van (W904). 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.

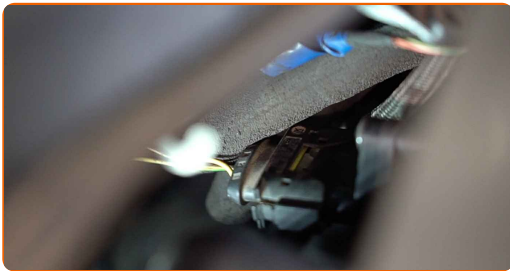


**16**

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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