



How to change pollen  
filter on **BMW 3 Compact**  
**(E46)** – 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:

BMW 3 Compact (E46) 316ti 1.8, BMW 3 Compact (E46) 325ti 2.5, BMW 3 Compact (E46) 318ti 2.0, BMW 3 Compact (E46) 320td 2.0, BMW 3 Compact (E46) 318td 2.0, BMW 3 Compact (E46) 316ti 1.6, BMW 3 Compact (E46) 318Ti 2.0

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: BMW 3 Touring (E46) 330d 3.0

REPLACEMENT: POLLEN FILTER – BMW 3 COMPACT  
(E46). TOOLS YOU MIGHT NEED:



- Torx bit T20
- Ratchet wrench
- Fender cover

[Buy tools](#)

Replacement: pollen filter – BMW 3 Compact (E46). AUTODOC recommends:

- Replace the cabin filter at least once every six months, in early spring and autumn seasons.
- Follow the terms, recommendations and requirements of the part operation provided by the manufacturer.
- If the air flow into the cabin has sharply reduced, replace the filter before a scheduled maintenance.
- All work should be done with the engine stopped.

## REPLACEMENT: POLLEN FILTER – BMW 3 COMPACT (E46). TAKE THE FOLLOWING STEPS:

**1** Open the hood.

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

**3** Unscrew the fasteners of the cabin filter housing cover.



**4** Remove the cabin filter housing cover.



5

Remove the cabin filter.



6

Remove the rubber strip.



7

Unscrew the filter housing fastening bolts. Use Torx T20. Use a ratchet wrench.



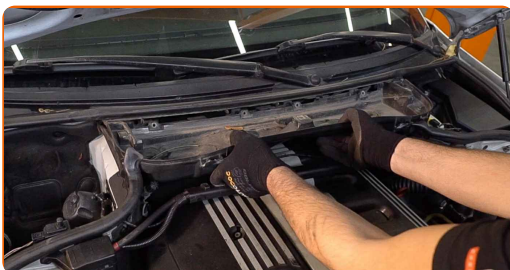
8

Disconnect the wiring harness from the cabin filter housing.



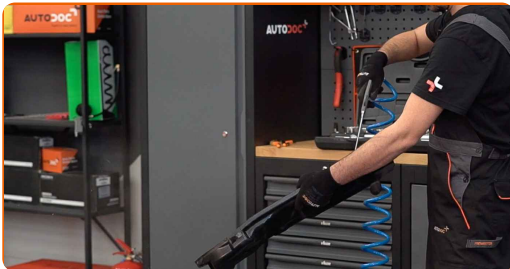
9

Remove the cabin air filter housing.



10

Clean the cabin filter housing and cover.

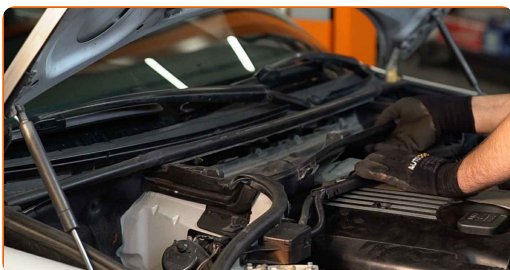


Replacement: pollen filter – BMW 3 Compact (E46). Professionals recommend:

- Remove any debris from the cabin filter housing carefully to prevent contamination of the ventilation duct.
- Do not attempt to clean and reuse the filter - it will affect the quality of air cleaning inside the car.

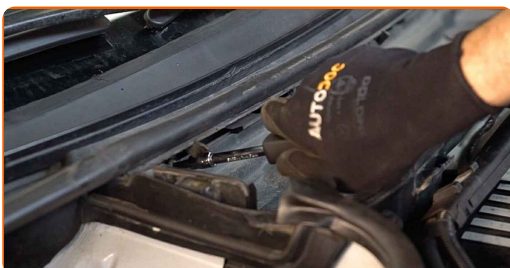
11

Install the cabin air filter housing.



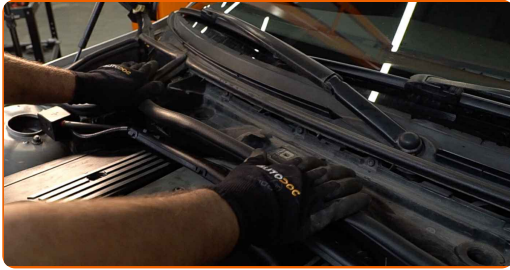
12

Screw the filter housing fastening bolts. Use Torx T20. Use a ratchet wrench.





13 Install the rubber strip.



14 Connect the wiring harness to the cabin filter housing.



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



Replacement: pollen filter – BMW 3 Compact (E46). AUTODOC experts recommend:

- Follow the air flow direction arrow on the filter.
- Replacement: pollen filter – BMW 3 Compact (E46). Be sure to position the filtering element correctly. Avoid misalignment.
- Take care to only use quality filters.

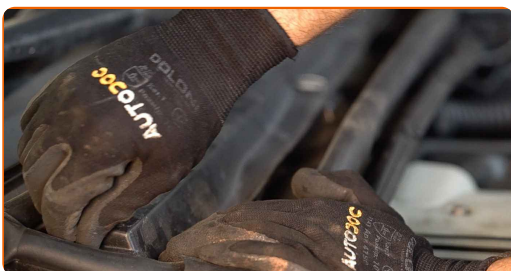
16

Reinstall the cabin filter housing cover.



17

Screw in the fasteners of the cabin filter housing cover.



18

Remove the fender protection cover.

19

Close the hood.

**WELL DONE!** 👍[VIEW MORE TUTORIALS](#)



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**POLLEN FILTER: A WIDE SELECTION**

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