

## SIMILAR VIDEO TUTORIAL



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

### **i Important!**

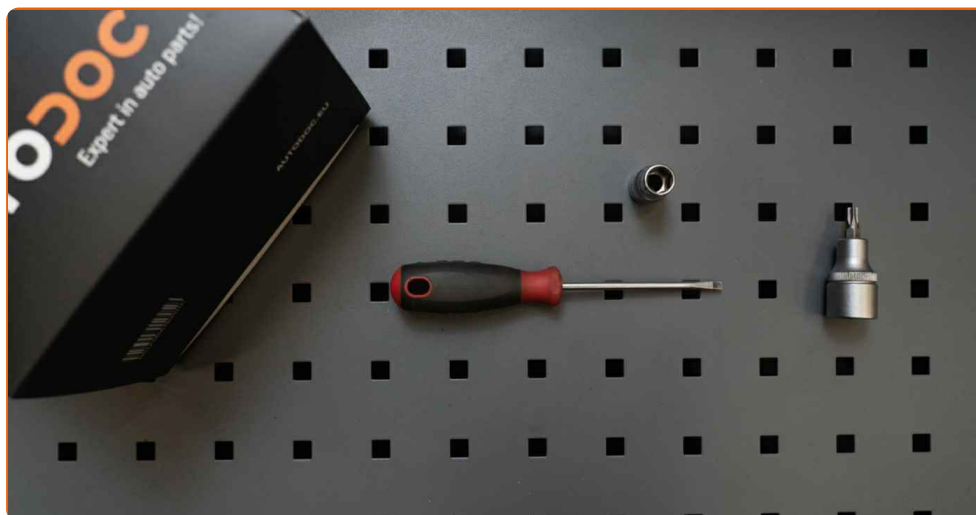
This replacement procedure can be used for:

BMW 1 Hatchback (E87) 116d 2.0, BMW 1 Hatchback (E87) 118d 2.0, BMW 1 Hatchback (E87) 120d 2.0, BMW 1 Hatchback (E87) 123d 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 5 Saloon (E60) 525d 2.5

## REPLACEMENT: FUEL FILTER – BMW 1 HATCHBACK (E87). TOOLS YOU NEED:



- All-purpose cleaning spray
- Drive socket # 10
- Torx bit T40
- Ratchet wrench
- Fluid container
- Flat Screwdriver

**Buy tools**

## Replacement: fuel filter – BMW 1 Hatchback (E87). Tip from AUTODOC experts:

- Ensure adequate ventilation of the workplace. Fuel vapors are poisonous.
- Please note: all work on the car – BMW 1 Hatchback (E87) – should be done with the engine switched off.

## CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1 Lift the car using a jack or place it over an inspection pit.

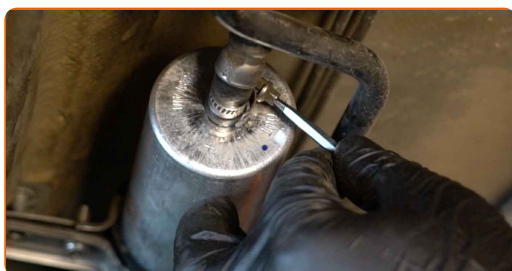
2 Prepare a container for fluids.



3 Remove the snap ring of the fuel pressure regulator retainer clip. Use a flat screwdriver.

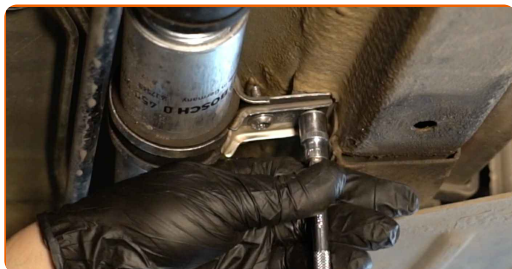


4 Loosen the fastening clamp of the fuel filter pipe. Use a flat screwdriver.



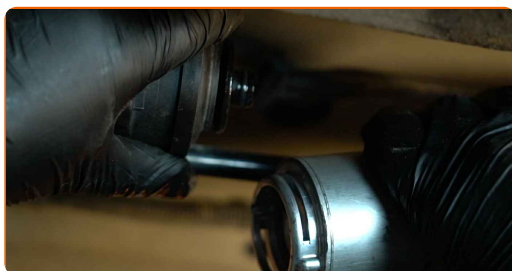
5

Loosen the fuel filter mounting. Use a drive socket #10. Use a ratchet wrench.



6

Detach the tubes from the fuel filter.

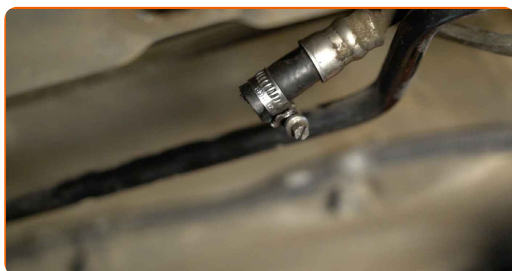


Replacement: fuel filter – BMW 1 Hatchback (E87). AUTODOC recommends:

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

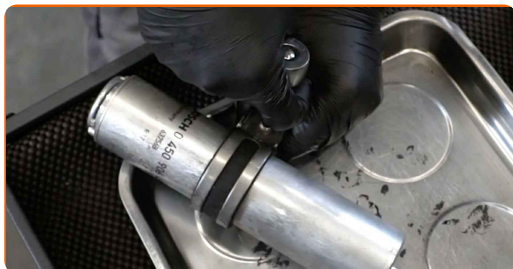
7

Remove the fuel filter. Put the old filter cartridge in the container.



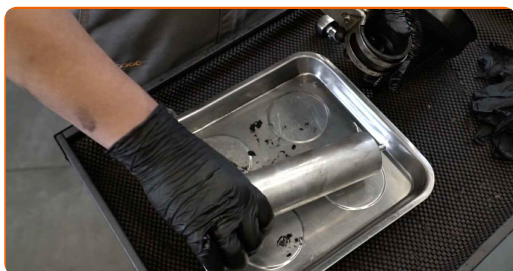
8

Unscrew the fuel filter bracket fixing bolts. Use Torx T40. Use a ratchet wrench.



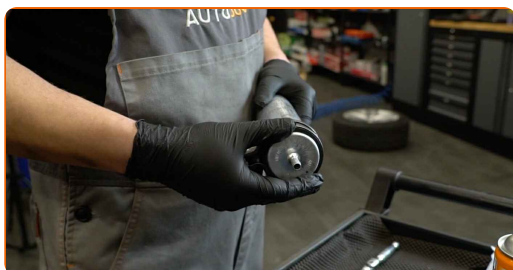
9

Remove the fuel filter fastening bracket.



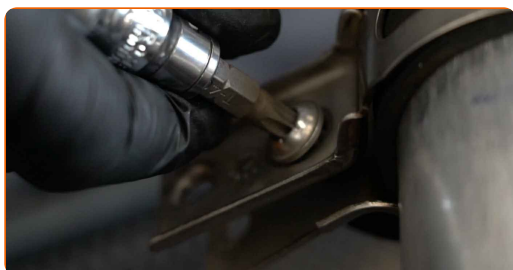
10

Install the fuel filter fastening bracket.



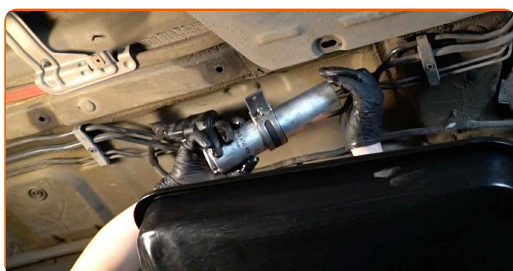
11

Screw the fixing bolts of the fuel filter bracket. Use Torx T40. Use a ratchet wrench.



12

Install a new fuel filter.



### Replacement: fuel filter – BMW 1 Hatchback (E87). Tip from AUTODOC:

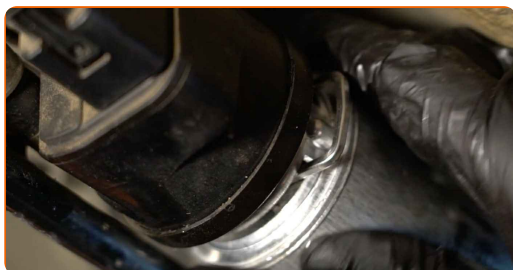
- Make sure that the fuel filter is positioned correctly. Consider the fuel flow direction mark.
- During installation, take care to prevent dust and dirt from getting into the fuel filter housing.
- BMW 1 Hatchback (E87) – It's important to only use high-quality filters.

**13**

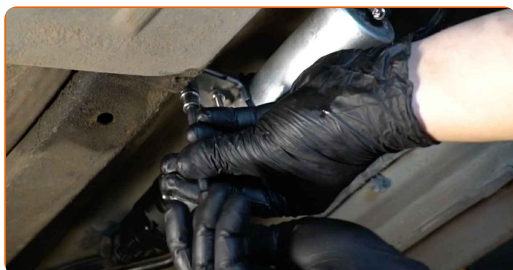
Attach the tubes to the fuel filter.

**14**

Install the snap ring of the fuel pressure regulator's retainer clip.

**15**

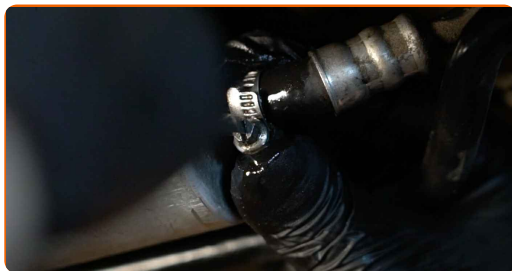
Screw in the fuel filter mounting bracket. Use a drive socket #10. Use a ratchet wrench.





16

Tighten the fastening clamp of the fuel filter pipe. Use a flat screwdriver.



17

Clean the fuel filter mounting bracket. Use all-purpose cleaning spray.



18

Take the fluid container away from under the fuel filter.



19

Lower the car.

Replacement: fuel filter – BMW 1 Hatchback (E87). Tip from AUTODOC experts:

- Before starting off, switch the ignition on and off several times. This should be done to activate the fuel pump to make it pump fuel through the fuel system.

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

**21** Shut off the engine.

### Replacement: fuel filter – BMW 1 Hatchback (E87). Tip:

- To protect the environment from pollution, be sure to dispose of the used filters at special collection points.

**WELL DONE!** 

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