

## 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 6 Convertible (F12) 640d xDrive 3.0, BMW 6 Convertible (F12) 640d 3.0

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 Saloon (E90) 320d 2.0

## REPLACEMENT: FUEL FILTER – BMW 6 CONVERTIBLE (F12). TOOLS YOU NEED:



- All-purpose cleaning spray
- Drive socket # 8
- Drive socket # 13
- Torx bit T20
- Fluid container
- Flat screwdriver
- Crow bar
- Ratchet wrench
- Wheel chock

[Buy tools](#)

### Replacement: fuel filter – BMW 6 Convertible (F12). Tip:

- Ensure adequate ventilation of the workplace. Fuel vapors are poisonous.
- All work should be done with the engine stopped.

## REPLACEMENT: FUEL FILTER – BMW 6 CONVERTIBLE (F12). RECOMMENDED SEQUENCE OF STEPS:

**1**

Open the fuel door.

**2**

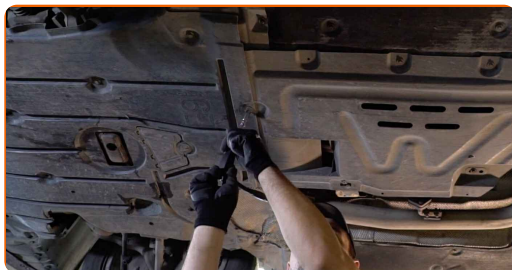
Unscrew the fuel filler cap.

**3**

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

**4**

Unscrew fixing bolts of the protective cover. Use a drive socket #8. Use a ratchet wrench.

**5**

Remove the protective cover.



6

Prepare a container for fluids.



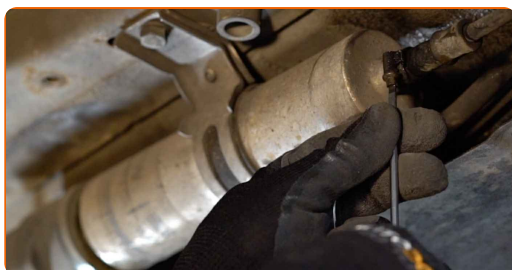
7

Treat the fasteners attaching the tubes to the fuel filter. Use all-purpose cleaning spray.



8

Loosen the fuel filter clamps. Use a flat screwdriver.



9

Remove the snap ring of the fuel pressure regulator retainer clip.



10

Detach the fuel pressure regulator from the fuel filter. Use a crowbar.

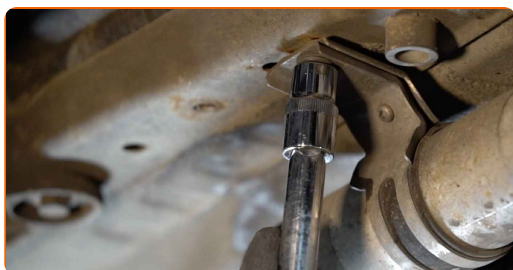


Replacement: fuel filter – BMW 6 Convertible (F12). AUTODOC experts recommend:

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

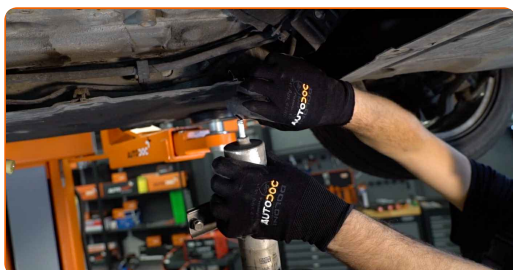
11

Loosen the fuel filter mounting. Use a drive socket #13. Use a ratchet wrench.



12

Disconnect the fuel supply lines from the fuel filter.



13

Unscrew the fastener of the fuel filter bracket. Use Torx T20. Use a ratchet wrench.



14

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



15

Install a new fuel filter.

Replacement: fuel filter – BMW 6 Convertible (F12). AUTODOC recommends:

- Remember, it is important not to mix up the input and output of the filter. Arrows on the filter indicate the direction of fuel flow.
- During installation, take care to prevent dust and dirt from getting into the fuel filter housing.
- Attention! Use quality filters – BMW 6 Convertible (F12).

16

Connect the fuel supply lines to the fuel filter.



17

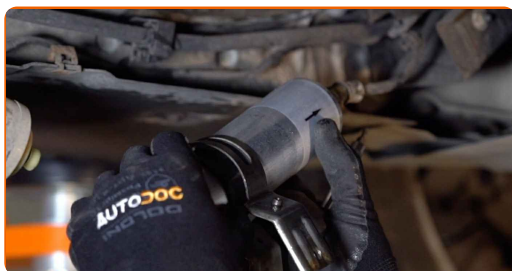
Tighten the fuel supply line fastening. Use a flat screwdriver.





**18**

Install the bracket on the fuel filter.

**19**

Tighten the fastener of the fuel filter bracket. Use Torx T20. Use a ratchet wrench.

**20**

Tighten the fuel filter fasteners. Use a drive socket #13. Use a ratchet wrench.

**21**

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



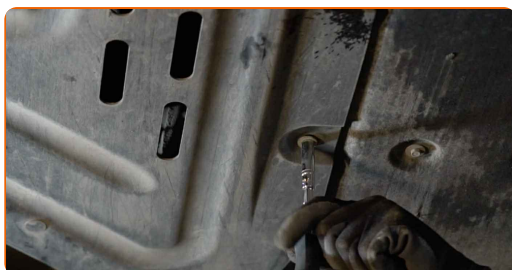
- 22 Take the fluid container away from under the fuel filter.



- 23 Install the protective cover.



- 24 Tighten fixing bolts of the protective cover. Use a drive socket #8. Use a ratchet wrench.



- 25 Lower the car.

- 26 Tighten the fuel filler cap.

- 27 Close the fuel door.

Replacement: fuel filter – BMW 6 Convertible (F12). AUTODOC experts recommend:

- 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.



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

**29** Shut off the engine.

### Replacement: fuel filter – BMW 6 Convertible (F12). 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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