

## VIDEO TUTORIAL



### ⓘ Important!

This replacement procedure can be used for:

BMW X5 (E70) xDrive 30 d, BMW X5 (E70) xDrive 40 d, BMW X6 (E71, E72) xDrive 30 d, BMW X6 (E71, E72) xDrive 40 d, BMW 5 Saloon (F10) 525d xDrive 2.0, BMW 5 Saloon (F10) 525d 2.0, BMW 7 (F01, F02, F03, F04) 740d xDrive 3.0, BMW 5 Touring (F11) M 550 d xDrive, BMW 5 Saloon (F10) M 550 d xDrive, BMW 5 Saloon (F10) 530d 3.0, BMW 5 Saloon (F10) 530d xDrive 3.0, BMW 5 Saloon (F10) 535d 3.0, BMW 5 Saloon (F10) 535d xDrive 3.0, BMW 5 Touring (F11) 525d 2.0, BMW 5 Touring (F11) 525d xDrive 2.0, (+ 92)

The steps may slightly vary depending on the car design.

## REPLACEMENT: FUEL FILTER – BMW X3 E83. LIST OF THE TOOLS YOU'LL NEED:



- Drive socket # 10
- Torx bit T20
- Ratchet wrench
- Flat Screwdriver
- Fluid container

**BUY TOOLS**

### Replacement: fuel filter – BMW X3 E83. Tip from AUTODOC:

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

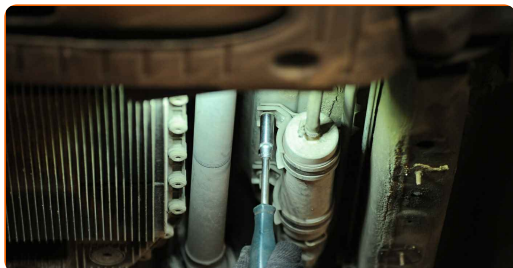
## REPLACEMENT: FUEL FILTER – BMW X3 E83. TAKE THE FOLLOWING STEPS:

**1**

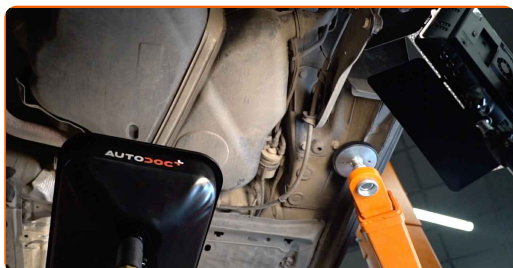
Lift the car using a jack or place it over an inspection pit.

**2**

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

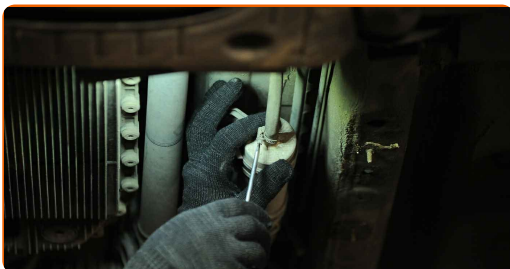
**3**

Prepare a container for fluids.



4

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



Replacement: fuel filter – BMW X3 E83. AUTODOC recommends:

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

5

Disconnect the pipe from the fuel filter.



6

Remove the spring clip that holds the fuel line in place. Use a flat screwdriver.



7

Remove the fuel filter.



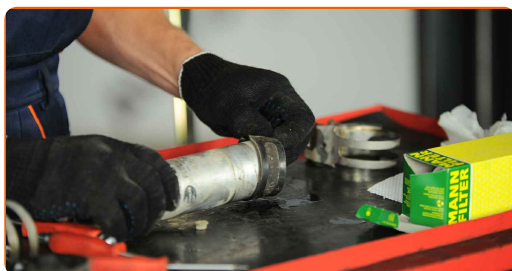
8

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



9

Take the fuel filter out of the bracket.



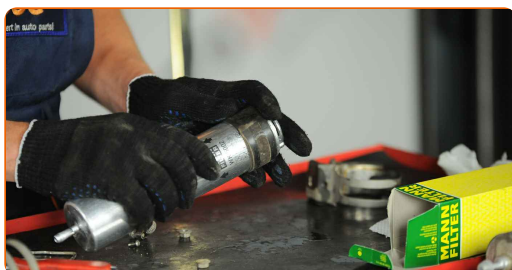
10

Install the rubber strip. Use a flat screwdriver.



11

Fasten the fuel filter in the holder.



12

Screw in the fastener of the fuel filter bracket. Use Torx T20. Use a ratchet wrench. Use a flat screwdriver.

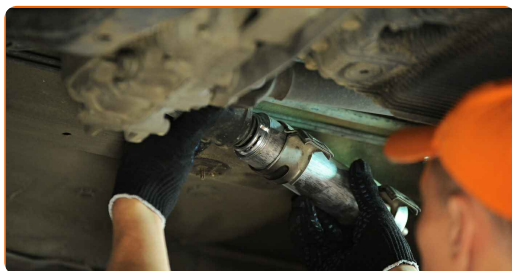


### Replacement: fuel filter – BMW X3 E83. Professionals recommend:

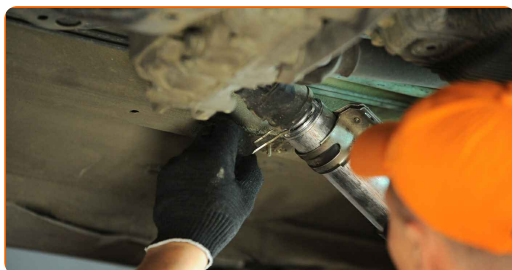
- Remember, it is important not to mix up the input and output of the filter. Arrows on the filter indicate the direction of fuel flow.
- During installation, take care to prevent dust and dirt from getting into the fuel filter housing.
- Take care to only use quality filters.

**13**

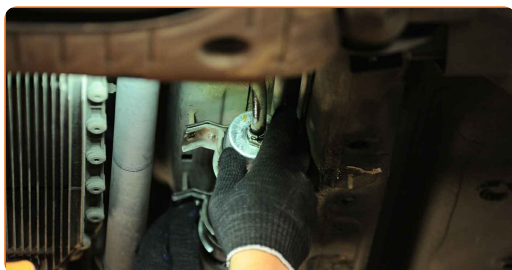
Install a new fuel filter.

**14**

Reinstall the spring clip that holds the fuel line in place.

**15**

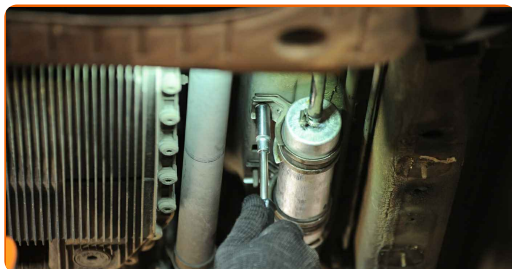
Attach the pipe to the fuel filter.





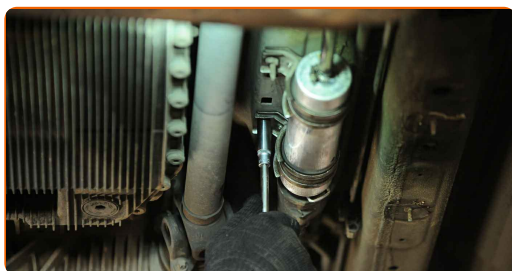
16

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



17

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

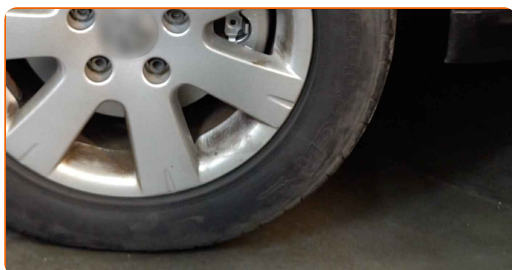


18

Take the fluid container away from under the fuel filter.

19

Lower the car.



Replacement: fuel filter – BMW X3 E83. 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.

- 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 X3 E83. Tip from AUTODOC:

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

**WELL DONE!** 👍

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