



How to change fuel filter
on **TOYOTA 4Runner**
(N180) – 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:

TOYOTA 4Runner (N180) 3.0 Turbo-D, TOYOTA 4Runner (N180) 3.0 TDi

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: TOYOTA LAND CRUISER (KDJ12_, GRJ12_) 3.0 D-4D

REPLACEMENT: FUEL FILTER – TOYOTA 4RUNNER (N180). TOOLS YOU NEED:



- All-purpose cleaning spray
- Drive socket # 8
- Drive socket # 12
- Ratchet wrench
- Torque wrench
- Vice
- Round-nose pliers
- Flat Screwdriver
- Oil filter wrench
- Fender cover

Buy tools

Replacement: fuel filter – TOYOTA 4Runner (N180). AUTODOC experts recommend:

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

REPLACEMENT: FUEL FILTER – TOYOTA 4RUNNER (N180). RECOMMENDED SEQUENCE OF STEPS:

1 Open the bonnet.

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

3 Detach the connector of the water-in-fuel sensor.



4 Loosen the fastening clamps of the fuel filter pipes. Use round-nose pliers.



5

Detach the tubes from the fuel filter.

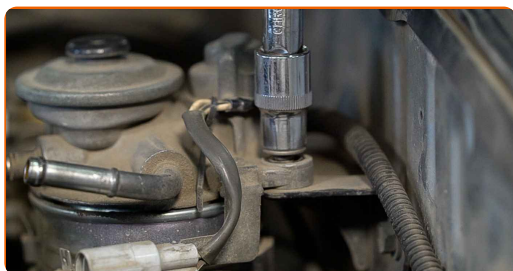


Replacement: fuel filter – TOYOTA 4Runner (N180). Tip:

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

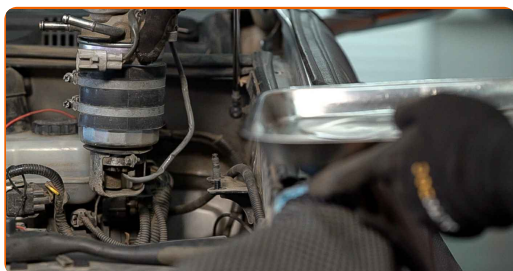
6

Loosen the fuel filter mounting. Use a drive socket #12. Use a ratchet wrench.



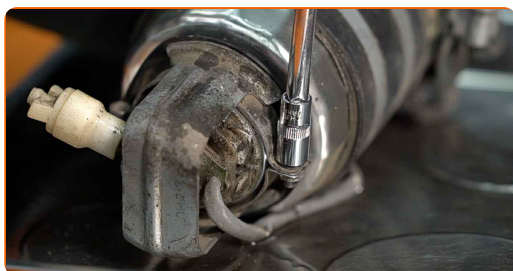
7

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



8

Unscrew the bracket of the water-in-fuel sensor. Use a drive socket #8.



9 Remove the rubber strip.



10 Unscrew the water-in-fuel sensor.



11 Wait until the fuel is completely drained from the fuel filter.



12 Unscrew the clamps of the fuel filter protective case. Use a drive socket #8.



13 Remove the protective case of the fuel filter.



14 Grip the fuel filter cover with the old cartridge in a vice.



15 Unscrew the cartridge.



16 Clean the mounting seat of the cartridge.



17 Screw in the new cartridge. Use an oil filter wrench. Use a torque wrench. Tighten it to 14 Nm torque.



AUTODOC recommends:

- Take care to only use quality filters.
- During installation, take care to prevent dust and dirt from getting into the fuel filter housing.

22 Clean the water-in-fuel sensor. Use all-purpose cleaning spray.



23 Install the new O-ring of the water-in-fuel sensor.



24 Screw in the water-in-fuel sensor.



25 Install the rubber strip.



26 Screw in the bracket of the water-in-fuel sensor. Use a drive socket #8. Use a ratchet wrench.



27 Install a new fuel filter.



28 Tighten the fuel filter fasteners. Use a drive socket #12. Use a ratchet wrench.



29 Attach the connector of the water-in-fuel sensor.



30 Attach the tubes to the fuel filter. Use round-nose pliers.



31 Tighten the fastening clamps of the fuel filter pipes. Use round-nose pliers.



32 Press the fuel primer pump several times until it gets hard.



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

34 Shut off the engine.

35 Remove the fender protection cover.

36 Close the hood.

Replacement: fuel filter – TOYOTA 4Runner (N180). Professionals recommend:

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

WELL DONE! 

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FUEL FILTER: A WIDE SELECTION

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