



How to change fuel filter  
on **TOYOTA 4Runner**  
(**\_N1\_**) – 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 (\_N1\_) 2.4 D

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  
 (\_N1\_). 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 (\_N1\_). AUTODOC experts recommend:

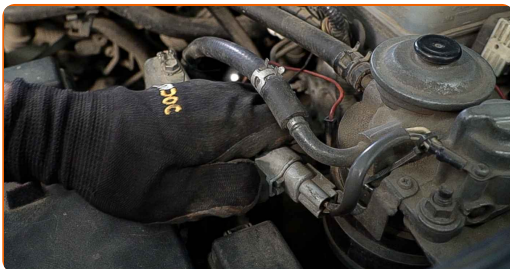
- Ensure adequate ventilation of the workplace. Fuel vapors are poisonous.
- All work should be done with the engine stopped.

## REPLACEMENT: FUEL FILTER – TOYOTA 4RUNNER (\_N1\_). RECOMMENDED SEQUENCE OF STEPS:

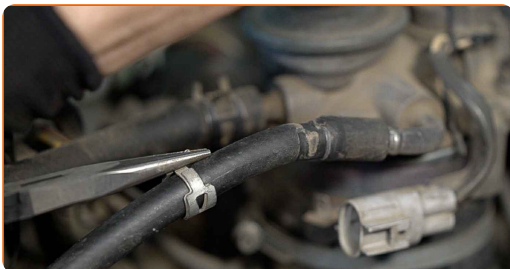
**1** Open the bonnet.

**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 (\_N1\_). 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.



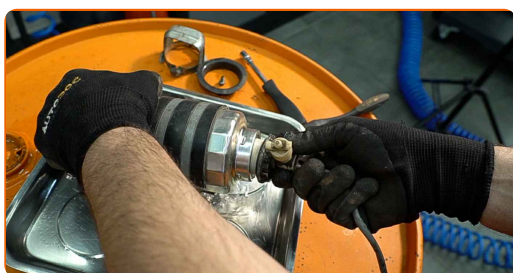
**8** Unscrew the bracket of the water-in-fuel sensor. Use a drive socket #8.



**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.



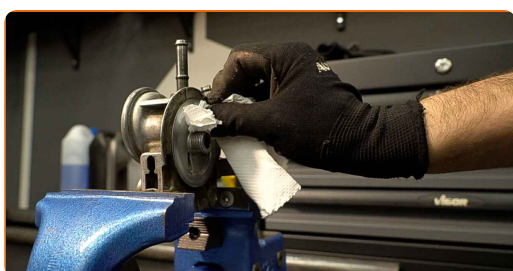
**14** Grip the fuel filter cover with the old cartridge in a vice.



**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.

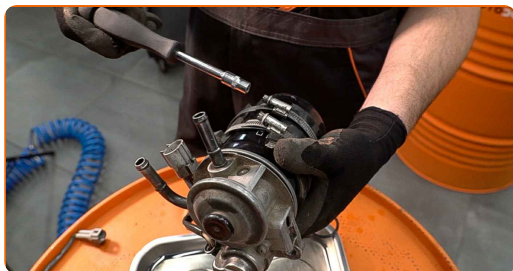
**18** Loosen the vice and take out the fuel filter assembly.



**19** Install the fuel filter protective case.



**20** Tighten the clamps of the fuel filter protective case. Use a drive socket #8.



**21** Remove the O-ring of the water-in-fuel sensor. Use a flat screwdriver.





**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 (\_N1\_). 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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