



How to change fuel filter  
on **NISSAN Patrol III/1**  
**Off-Road (W160)** –  
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:  
NISSAN Patrol III/1 Off-Road (W160) 3.2 TD

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: NISSAN X-TRAIL (T30) 2.2 dCi 4x4

REPLACEMENT: FUEL FILTER – NISSAN PATROL III/1 OFF-ROAD (W160). LIST OF THE TOOLS YOU'LL NEED:



- All-purpose cleaning spray
- Drive socket # 10
- Ratchet wrench
- Flat Screwdriver
- Phillips screwdriver
- Pliers
- Fender cover

**Buy tools**

Replacement: fuel filter – NISSAN Patrol III/1 Off-Road (W160). 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 – NISSAN PATROL III/1 OFF-ROAD (W160). USE THE FOLLOWING PROCEDURE:

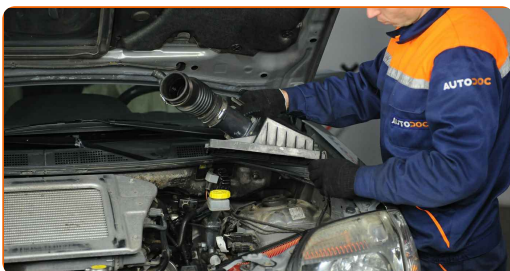
**1** Open the bonnet.

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

**3** Slide the filter cover clips. Use a flat screwdriver.



**4** Take off the filter lid.



**5** Demount the air filter.



**6** Disconnect the crankcase ventilation hose from the air duct.

**7** Loosen the air intake fastening. Use a flat screwdriver.



**8** Detach the vacuum pipe. Use pliers.



**9** Unscrew the fuel filter bracket fixing bolts. Use a drive socket #10. Use a ratchet wrench. Use a Phillips screwdriver.



**10** Remove the fuel filter together with its bracket.



**11** Clean the fasteners of the fuel supply lines. Use all-purpose cleaning spray.

**12** Loosen the fastening clamps of the fuel filter pipes. Use pliers.



**13** Detach the tubes from the fuel filter.



Replacement: fuel filter – NISSAN Patrol III/1 Off-Road (W160). AUTODOC experts recommend:

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

14 Unscrew the lower cap of the fuel filter.



15 Remove the fuel filter.



16 Put the old filter cartridge in the container.



17 Clean the fuel filter housing and the cover. Use all-purpose cleaning spray.



18 Install a new fuel filter.

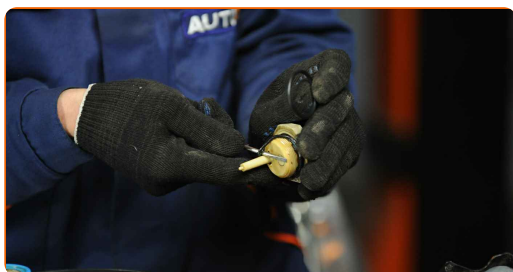


Replacement: fuel filter – NISSAN Patrol III/1 Off-Road (W160). Professionals recommend:

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

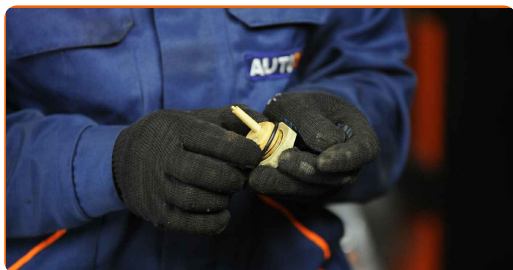
19

Remove the rubber strip. Use a flat screwdriver.



20

Install the rubber strip.



21

Install the lower cap onto the new fuel filter.



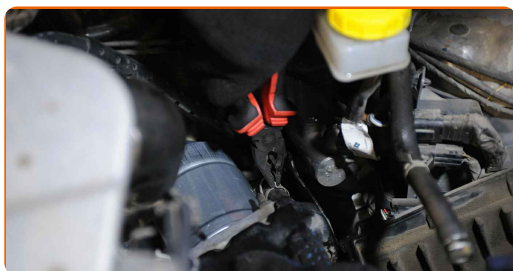
22

Install the new fuel filter together with its bracket.

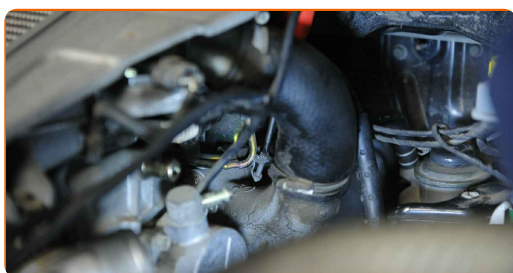




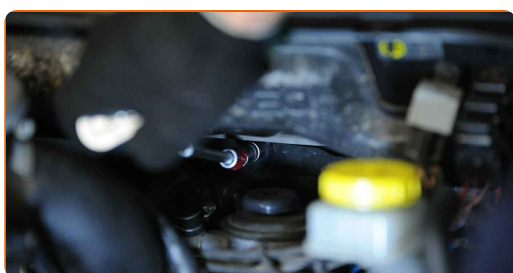
**23** Attach the tubes to the fuel filter. Use pliers.



**24** Tighten the fastening clamps of the fuel filter pipes. Use pliers.



**25** Screw the fixing bolts of the fuel filter bracket. Use a drive socket #10. Use a ratchet wrench. Use a Phillips screwdriver.



**26** Attach the vacuum pipe. Use pliers.



**27** Install the air filter.



28 Reinstall the air filter cover. Fasten it.

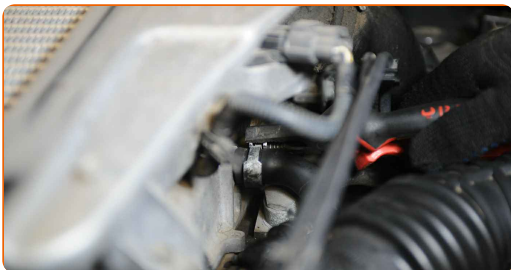
29 Lock the retaining clips of the air filter housing cover. Use a flat screwdriver.



30 Secure the fastener of the air intake duct. Use a flat screwdriver.



31 Connect the crankcase ventilation hose to the air duct.



32 Remove the fender protection cover.

33 Close the hood.

**WELL DONE!** 

[VIEW MORE TUTORIALS](#)

# AUTODOC – TOP QUALITY AND AFFORDABLE CAR PARTS ONLINE

**AUTODOC MOBILE APP: GREAT DEALS AND CONVENIENT SHOPPING**



**+ AUTODOC**

GET IT ON  
 **Google Play**

 **Download on the App Store**

**Download**

**A GREAT SELECTION OF SPARE PARTS FOR YOUR CAR**

**FUEL FILTER: A WIDE SELECTION**

## **DISCLAIMER:**

The document contains only general recommendations that may be useful for you when you perform repair or replacement work. AUTODOC shall not be liable for any loss, injury, damage of property occurring in the repair or replacement process due to incorrect use or misinterpretation of the provided information.

AUTODOC shall not be liable for any possible mistakes and uncertainties in this guide. The information provided is for information purposes only and cannot replace advice from specialists.

AUTODOC shall not be liable for incorrect or hazardous usage of equipment, tools and car parts. AUTODOC strongly recommends to be careful and observe the safety rules when performing repair or replacement works. Remember: usage of low quality auto parts does not guarantee you the appropriate level of road safety.

© Copyright 2023 – All the contents of this website, in particular texts, photographs and graphics, are protected by copyright. All rights, including reproduction, publication, editing and translation rights, are reserved by AUTODOC SE.