



How to change fuel filter
on **VW California T6**
Minibus (SGC, SGG, SHC)
– 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:

VW California T6 Minibus (SGC, SGG, SHC) 2.0 TDI, VW California T6 Minibus (SGC, SGG, SHC) 2.0 TDI 4motion

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: VW Transporter V Van (7HA, 7HH, 7EA, 7EH) 1.9 TDI

**REPLACEMENT: FUEL FILTER – VW CALIFORNIA T6
MINIBUS (SGC, SGG, SHC). LIST OF THE TOOLS YOU'LL
NEED:**



- All-purpose cleaning spray
- Drive socket # 10
- Drive socket # 13
- Ratchet wrench
- Phillips Screwdriver
- Flat Screwdriver
- Fluid container
- Fender cover

Buy tools

Replacement: fuel filter – VW California T6 Minibus (SGC, SGG, SHC).
 AUTODOC experts recommend:

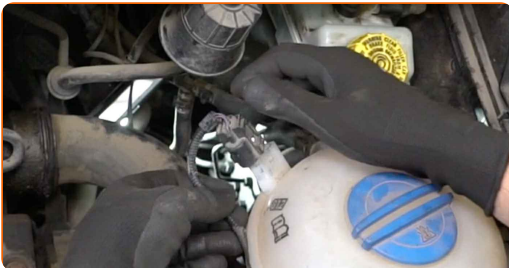
- Ensure adequate ventilation of the workplace. Fuel vapors are poisonous.
- Please note: all work on the car – VW California T6 Minibus (SGC, SGG, SHC) – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

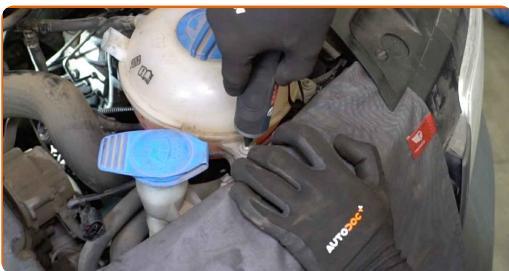
1 Open the hood.

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

3 Detach the coolant expansion tank connector.

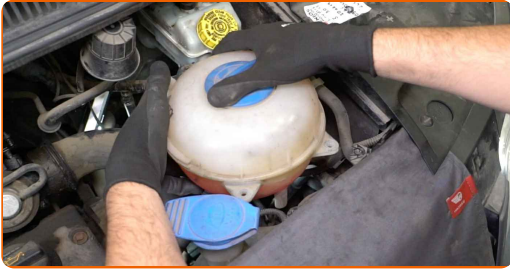


4 Unscrew the fasteners of the coolant reservoir. Use a Phillips screwdriver.



5

Remove the coolant reservoir.



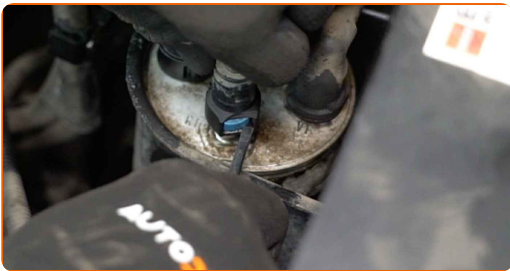
6

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



7

Disconnect the fuel supply lines from the fuel filter. Use a flat screwdriver.

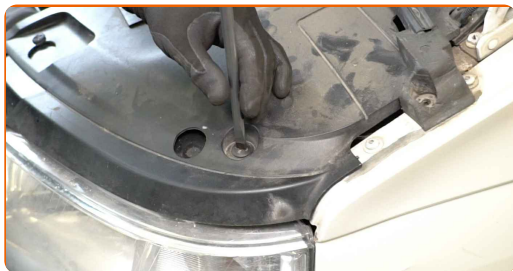


Replacement: fuel filter – VW California T6 Minibus (SGC, SGG, SHC).
Professionals recommend:

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

8

Unscrew the fasteners of the back section of the engine cover. Use a flat screwdriver.



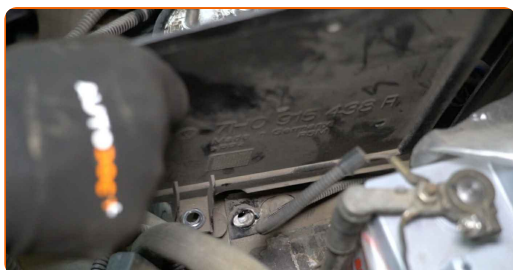
9

Unscrew the fasteners of the underbody cover panel. Use a drive socket #13. Use a ratchet wrench.



10

Remove the underbody cover panel.

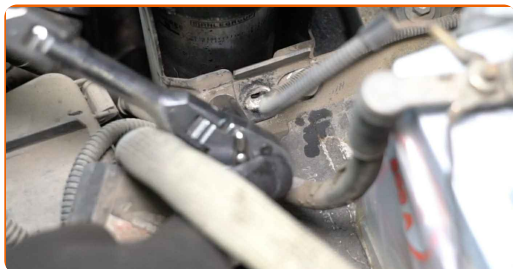


11

Unscrew the fuel filter bracket. Use a drive socket #10. Use a ratchet wrench.

12

Unscrew the fuel filter bracket fixing bolts. Use a drive socket #13. Use a ratchet wrench.

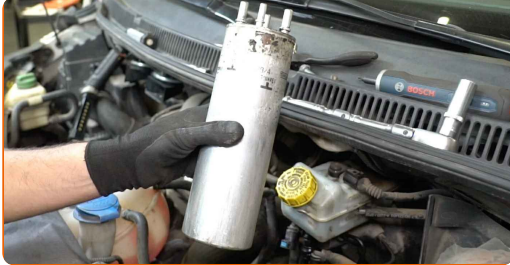


13

Prepare a container for fluids.

14

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

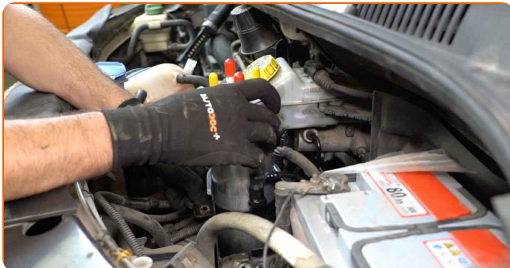


Replacement: fuel filter – VW California T6 Minibus (SGC, SGG, SHC).
AUTODOC experts recommend:

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

15

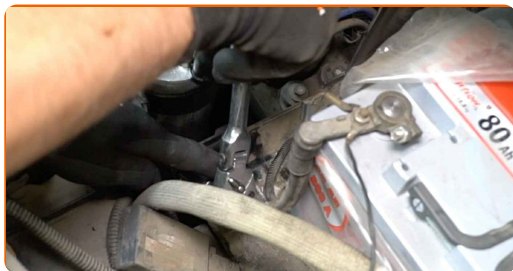
Install a new fuel filter.



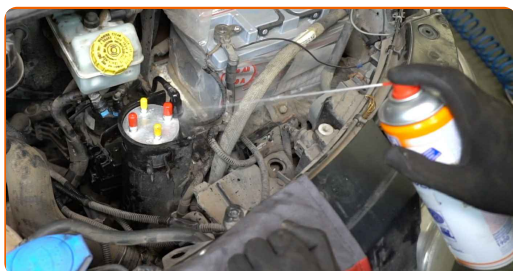
Replacement: fuel filter – VW California T6 Minibus (SGC, SGG, SHC).
AUTODOC recommends:

- Make sure that the fuel filter is positioned correctly. Consider the fuel flow direction mark.
- During installation, take care to prevent dust and dirt from getting into the fuel filter housing.
- Attention! Use quality filters – VW California T6 Minibus (SGC, SGG, SHC).

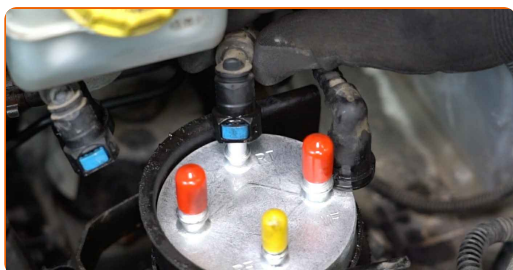
16 Screw the fixing bolts of the fuel filter bracket. Use a drive socket #13. Use a ratchet wrench.



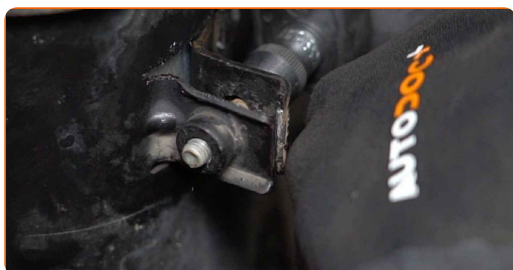
17 Clean the fuel lines. Use all-purpose cleaning spray.



18 Connect the fuel lines to the new fuel filter.



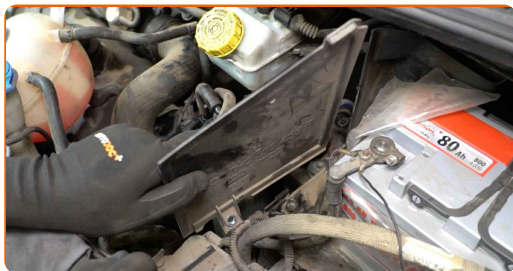
19 Screw in the fuel filter mounting bracket. Use a drive socket #10. Use a ratchet wrench.



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.

22 Install the underbody cover panel.



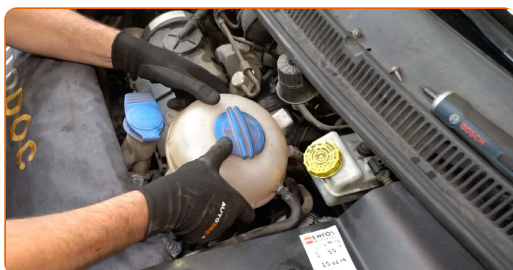
23 Screw in the fasteners of the underbody cover panel. Use a drive socket #13. Use a ratchet wrench.



24 Screw in the fasteners of the back section of the engine cover. Use a flat screwdriver.

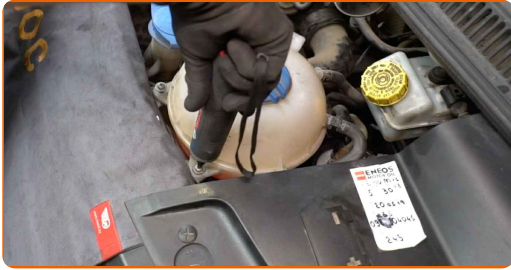


25 Install the coolant reservoir.



26

Screw in the coolant reservoir fasteners. Use a Phillips screwdriver.



27

Attach the coolant expansion tank connector.



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.

30

Remove the fender protection cover.

31

Close the hood.

Replacement: fuel filter – VW California T6 Minibus (SGC, SGG, SHC). Tip from AUTODOC experts:

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

WELL DONE! 

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