



How to change fuel filter
on **MERCEDES-BENZ GL**
(X164) – replacement
guide

SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

Important!

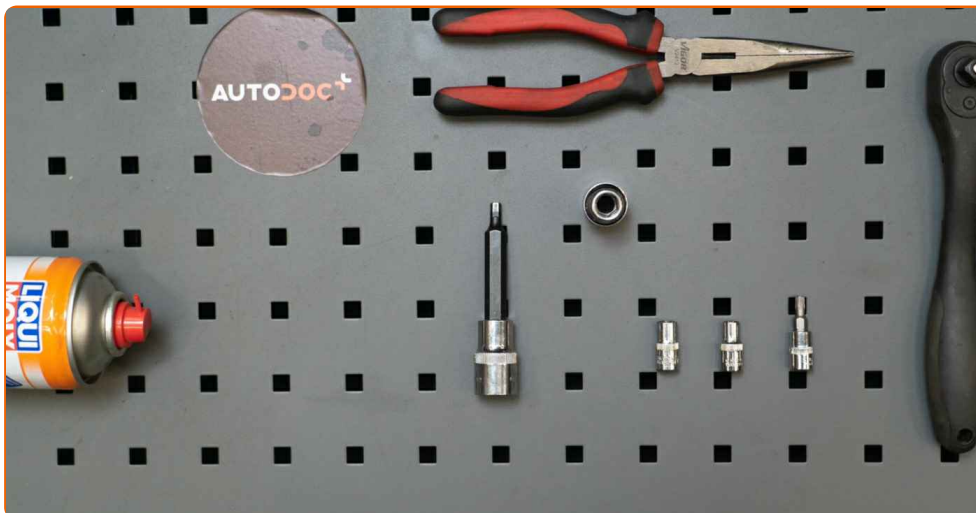
This replacement procedure can be used for:

MERCEDES-BENZ GL (X164) GL 350 CDI 4-matic (164.823), MERCEDES-BENZ GL (X164) GL 420 CDI 4-matic (164.828), MERCEDES-BENZ GL (X164) GL 320 CDI 4-matic (164.822), MERCEDES-BENZ GL (X164) GL 350 CDI 4-matic (164.822), MERCEDES-BENZ GL (X164) GL 450 CDI 4-matic (164.828), MERCEDES-BENZ GL (X164) GL 320 CDI / 350 BlueTEC 4-matic (164.824, 164.825)

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: MERCEDES-BENZ E-Class Saloon (W211) E 270 CDI (211.016)

REPLACEMENT: FUEL FILTER – MERCEDES-BENZ GL (X164). LIST OF THE TOOLS YOU'LL NEED:



- All-purpose cleaning spray
- Torx bit T25
- Drive socket # 5.5
- Drive socket # 7
- Drive socket # 10
- HEX bit No.H5
- Ratchet wrench
- Round-nose pliers
- Bulb hand fuel pump
- Fender cover

Buy tools

Replacement: fuel filter – MERCEDES-BENZ GL (X164). AUTODOC experts recommend:

- Ensure adequate ventilation of the workplace. Fuel vapors are poisonous.
- Please note: all work on the car – MERCEDES-BENZ GL (X164) – 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 Unscrew the engine cover fastener. Use Torx T25. Use a ratchet wrench.
- 4 Unscrew the fasteners of the back section of the engine cover. Use a drive socket #10. Use a ratchet wrench.



- 5 Remove the back section of the engine cover.



AUTODOC recommends:

- Replacement: fuel filter – MERCEDES-BENZ GL (X164). Do not use excessive force when removing the part as this may damage it.

6

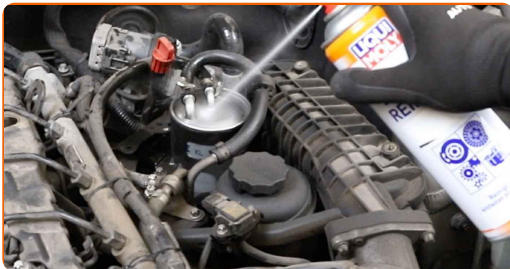
Remove the engine cover.

AUTODOC recommends:

- Replacement: fuel filter – MERCEDES-BENZ GL (X164). To avoid damaging the part when removing it, do not use excessive force.

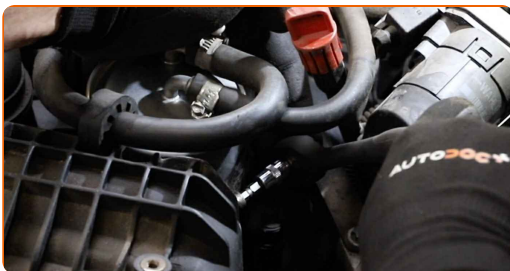
7

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



8

Loosen the fuel filter mounting. Use HEX No.H5. Use a ratchet wrench.



- 9** Loosen the fastening clamps of the fuel filter pipes. Use a drive socket #5.5. Use a drive socket #7. Use a ratchet wrench.



- 10** Detach the tubes from the fuel filter. Use round-nose pliers.



Replacement: fuel filter – MERCEDES-BENZ GL (X164). Tip:

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

- 11** Remove the fuel filter.



12

Install a new fuel filter.

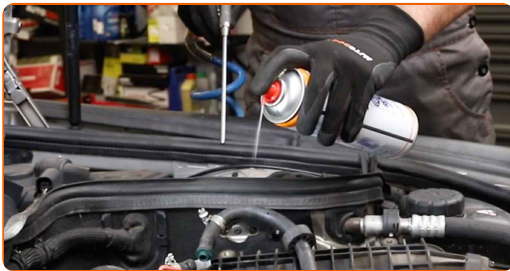


Replacement: fuel filter – MERCEDES-BENZ GL (X164). Tip from AUTODOC:

- 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.
- MERCEDES-BENZ GL (X164) – It's important to only use high-quality filters.

13

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



14

Attach the pipe to the fuel filter.



15 Tighten the fastening clamp of the fuel filter pipe. Use a drive socket #5.5. Use a ratchet wrench.



16 Press the fuel primer pump several times until it gets hard. Use a bulb hand fuel pump.



17 Attach the pipe to the fuel filter.



18 Tighten the fastening clamp of the fuel filter pipe. Use a drive socket #7. Use a ratchet wrench.



19

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



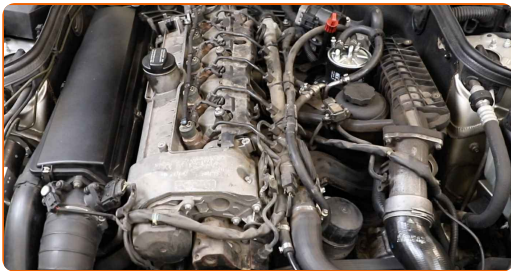
20

Screw in the fuel filter mounting bracket. Use HEX No.H5. Use a ratchet wrench.



21

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



22

Shut off the engine.

23

Install the engine cover and secure it.

AUTODOC recommends:

- Replacement: fuel filter – MERCEDES-BENZ GL (X164). Do not use excessive force during installation. This may damage the part.

24 Screw in the engine cover fasteners. Use Torx T25. Use a ratchet wrench.

25 Put the back section of the engine cover back in place.



AUTODOC recommends:

- Replacement: fuel filter – MERCEDES-BENZ GL (X164). To avoid damaging the part during installation, do not use excessive force.

26 Screw in the fasteners of the back section of the engine cover. Use a drive socket #10. Use a ratchet wrench.



27 Remove the fender protection cover.

28 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.