



How to change engine oil  
and filter on **MERCEDES-  
BENZ G-Class Off-Road  
(W460)** – replacement  
guide

## SIMILAR VIDEO TUTORIAL



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

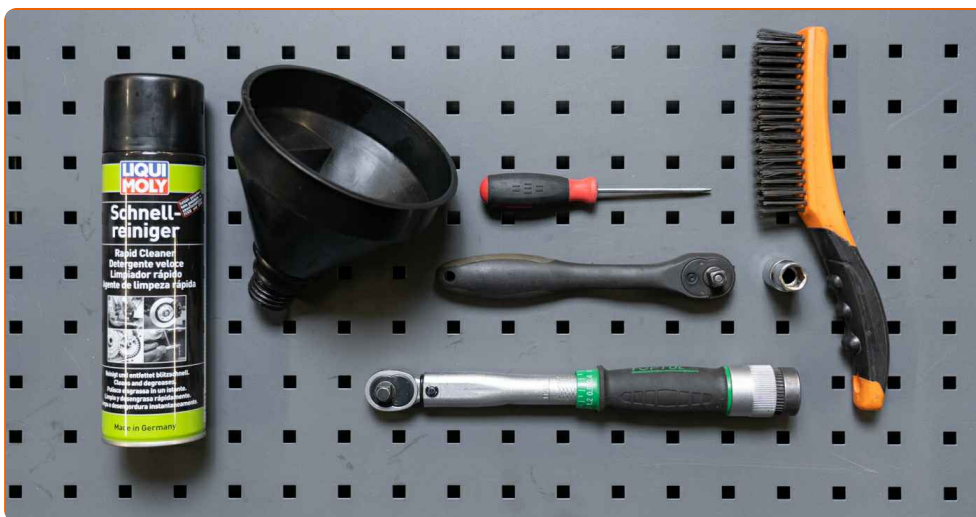
### Important!

This replacement procedure can be used for:  
MERCEDES-BENZ G-Class Off-Road (W460) 250 GD 2.5

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 (W124) E 250 D (124.126, 124.129)

REPLACEMENT: ENGINE OIL AND FILTER – MERCEDES-BENZ G-CLASS OFF-ROAD (W460). LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- All-purpose cleaning spray
- Torque wrench
- Drive socket # 13
- Ratchet wrench
- Flat screwdriver
- Funnel
- Oil drain pan
- Fender cover

**Buy tools**

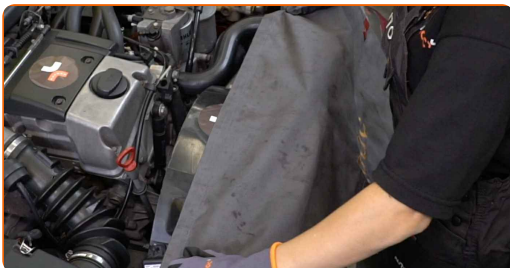
Replacement: engine oil and filter – MERCEDES-BENZ G-Class Off-Road (W460). Tip:

- Replace the oil filter every time when changing motor oil.
- Wear gloves to prevent contact with hot liquid.
- Please note: all work on the car – MERCEDES-BENZ G-Class Off-Road (W460) – should be done with the engine switched off.

**CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:**

**1** Open the bonnet.

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



**3** Pull up the oil dipstick.



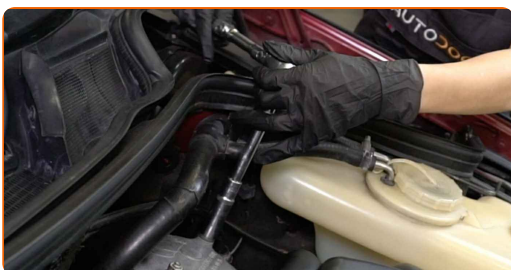
**4** Unscrew the oil filler plug.



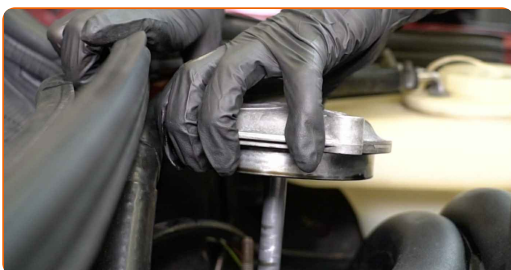
**5** Clean the oil filter housing cap. Use all-purpose cleaning spray.



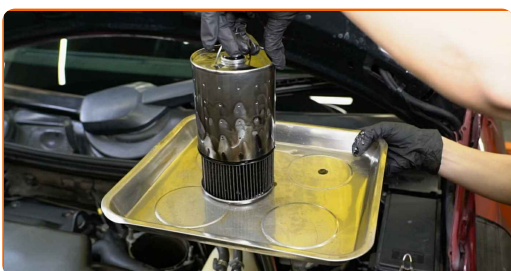
**6** Unscrew the fasteners of the oil filter housing cap. Use a drive socket #13. Use a ratchet wrench.



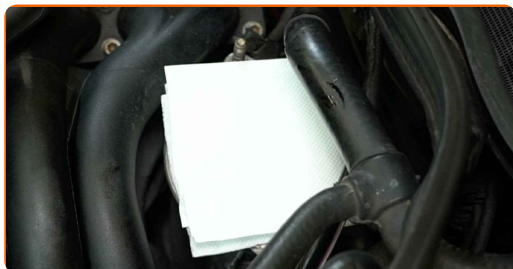
**7** Remove the oil filter housing cap.



**8** Take the oil filter out of its housing.



**9** Cover the oil filter housing with a microfibre towel to prevent dirt and foreign objects from getting into the system.



**10** Lift the car using a jack or place it over an inspection pit.

Replacement: engine oil and filter – MERCEDES-BENZ G-Class Off-Road (W460). AUTODOC recommends:

- The vehicle must be on a level surface, but if it is at an angle, the drain plug must be at the lowest point.

**11** Put a waste oil container with at least 7 l capacity under the drainage hole.



**12** Clean the area of the oil pan drainage hole. Use a wire brush. Use all-purpose cleaning spray.



13

Unscrew the drain plug. Use a drive socket #13. Use a ratchet wrench.



14

Drain the used oil.



**AUTODOC recommends:**

- Caution! The oil may be hot.
- Wait until the oil has completely drained from the drainage hole.

15

Remove the old seal of the oil filter cap. Use a flat screwdriver.



16

Clean the oil filter housing cap. Use all-purpose cleaning spray.



17

Install a new oil filter cap seal.



Replacement: engine oil and filter – MERCEDES-BENZ G-Class Off-Road (W460). AUTODOC experts recommend:

- Use only new O-rings during installation.

18

Clean the area of the oil pan drainage hole. Use all-purpose cleaning spray.





- 19 Screw in the new drainage plug and tighten it. Use a drive socket #13. Use a torque wrench. Tighten it to 30 Nm torque.

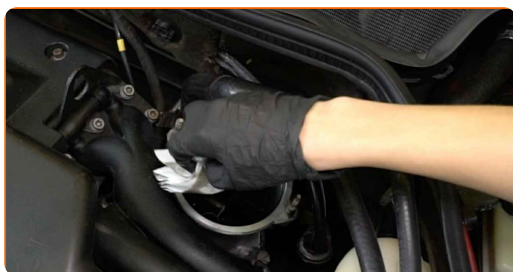


- 20 Clean the area of the oil pan drainage hole. Use all-purpose cleaning spray.



- 21 Lower the car.

- 22 Remove the microfibre towel from the oil filter housing.



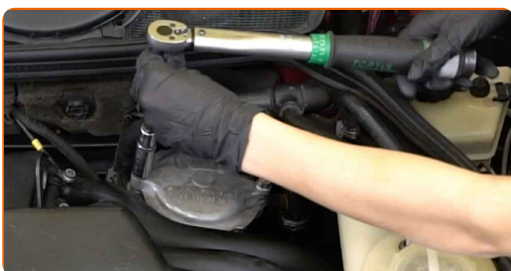
- 23 Install a new oil filter.



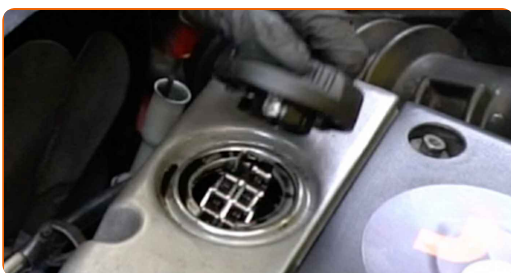
**24** Install the oil filter housing cap.



**25** Tighten the fasteners of the oil filter housing cap. Use a drive socket #13. Use a torque wrench. Tighten it to 25 Nm torque.



**26** Remove the oil filler cap.



**27** Insert the funnel.



**28** Pour new oil into the engine in the amount recommended by the car manufacturer.



**AUTODOC recommends:**

- Use the oil recommended by the manufacturer.

**29**

Check the oil level using the dipstick.

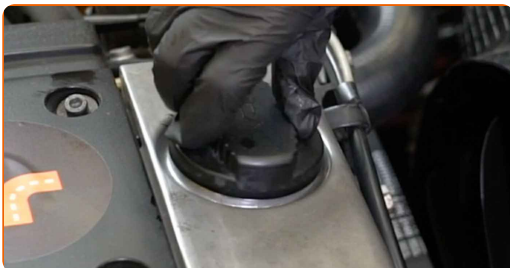


**Replacement: engine oil and filter – MERCEDES-BENZ G-Class Off-Road (W460). Professionals recommend:**

- Top up oil if necessary.
- The oil level should be between the Min and Max marks.

**30**

Install the oil filler cap.



**31**

Tighten the oil filler cap.



**32**

Run the engine for a few minutes. After the oil pressure warning light goes out, stop the engine.

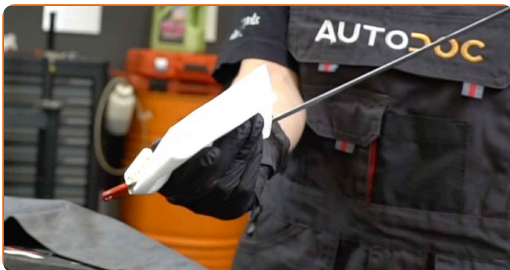


**Replacement: engine oil and filter – MERCEDES-BENZ G-Class Off-Road (W460). Tip from AUTODOC experts:**

- Note that oil pressure warning light, which indicates insufficient pressure in the lubrication system, may be on for a longer time than usual. After a few seconds, the oil will fill all the channels, and the light will go out.

**33**

Check the oil level with a dipstick 5 minutes after turning the engine off and add oil if necessary.



**Please note!**

- The oil level should be between the Min and Max marks.

**34**

Make sure that the oil filler cap is properly tightened.

**35** Check the threaded plug of the drainage hole and the oil filter seal for tightness. If necessary, carefully tighten them up.

**36** Remove the fender protection cover.



**37** Close the bonnet.

**AUTODOC recommends:**

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

**WELL DONE!** 

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