



How to change engine oil  
and filter on **VW Jetta**  
**Mk5 (1K)** – 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 Jetta Mk5 (1K) 1.6 TDI

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 Passat Saloon (362) 2.0 TDI

REPLACEMENT: ENGINE OIL AND FILTER – VW JETTA MK5 (1K). TOOLS YOU MIGHT NEED:



- Wire brush
- All-purpose cleaning spray
- Torque wrench
- Drive socket # 19
- Drive socket # 30
- Torx bit T30
- Ratchet wrench
- Flat screwdriver
- Funnel
- Oil drain pan
- Fender cover

**Buy tools**

### Replacement: engine oil and filter – VW Jetta Mk5 (1K). Tip from AUTODOC:

- 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 – VW Jetta Mk5 (1K) – 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 bracket for the engine pipes. Use Torx T30. Use a ratchet wrench.



4 Unscrew the oil filler plug.



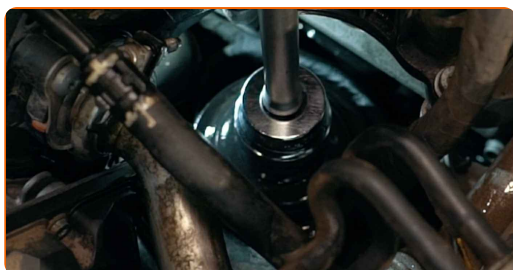
5 Pull up the oil dipstick.



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



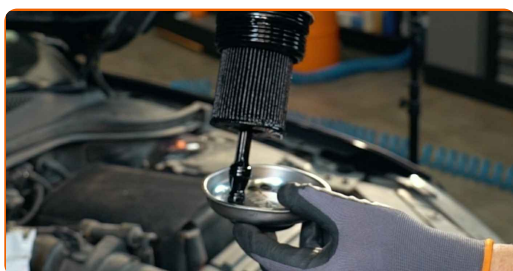
7 Unscrew the filter housing cap together with the old filter element. Use a drive socket #30. Use a ratchet wrench.



8 Prepare a container for the old oil filter.



9 Put the old oil filter in the container.



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

Replacement: engine oil and filter – VW Jetta Mk5 (1K). Professionals recommend:

- The vehicle must be on even keel, and if it is at an angle, the drain plug must be at the lowest point.
- All work should be done with the engine stopped.

**11** Put a waste oil container with at least 5 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 #19. 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** Detach the oil filter from the filter cover.



**16** Remove old o-rings from the oil filter cover. Use a flat screwdriver.





**17** Clean the oil filter seat. Use all-purpose cleaning spray.



**18** Install new O-rings and a new oil filter to their mounting seats on the filter cover.



**Please note!**

- Make sure to install the filter correctly. Don't mix up the sides of the part.

**19** Lubricate the rubber seal of the new filter with a little amount of fresh oil.

**20** Install a new oil filter housing cover and tighten it.

**21** Clean the area of the oil pan drainage hole.





- 22 Screw in the new drainage plug and tighten it. Use a drive socket #19. Use a torque wrench. Tighten it to 28 nm torque.



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



- 24 Lower the car.

- 25 Screw the cap on. Use a drive socket #30. Use a torque wrench. Tighten it to 25 Nm torque.

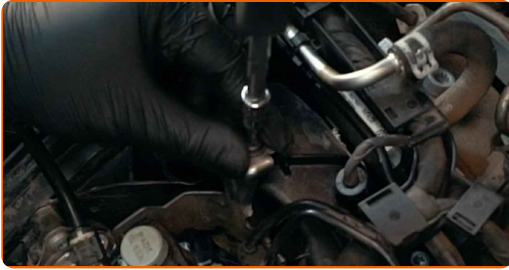


- 26 Clean the oil filter housing cap. Use all-purpose cleaning spray.



**27**

Screw in the bracket for the engine pipes. Use Torx T30. Use a ratchet wrench.

**28**

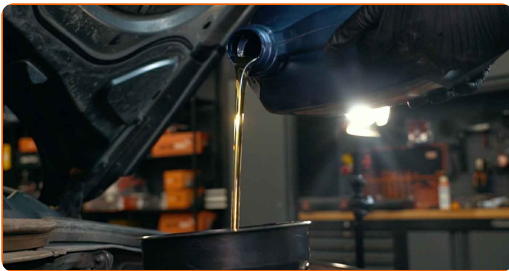
Remove the oil filler cap.

**29**

Insert the funnel.

**30**

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



Replacement: engine oil and filter – VW Jetta Mk5 (1K). AUTODOC experts recommend:

- Use the oil recommended by the manufacturer.

31

Check the oil level using the dipstick. Top up oil if necessary.



Please note!

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

32

Install the oil filler cap.



**33** Tighten the oil filler cap.



**34** Run the engine for a few minutes.

**35** After the oil pressure warning light goes out, stop the engine.

**36** Check the oil level 5 minutes after the stop of the engine operation using a dipstick and add oil if necessary.



**Please note!**

- The oil level should be between the Min and Max marks.
- Make sure that the oil filler cap is properly tightened.
- Check the threaded plug of the drainage hole and the oil filter seal for tightness. If necessary, carefully tighten them up.

**37** Remove the fender protection cover.

**38** Close the hood.

Replacement: engine oil and filter – VW Jetta Mk5 (1K). 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.
- To protect the environment from pollution, be sure to dispose of the used filters at special collection points.

**WELL DONE!** 

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