



How to change engine oil  
and filter on **VW Passat**  
**B5 Variant diesel** –  
replacement guide

## VIDEO TUTORIAL



### **i Important!**

This replacement procedure can be used for:

VW Sharan I (7M8, 7M9, 7M6) 1.9 TDI, VW Caddy II Van (9K9A) 1.9 SDI, VW Passat B5 Saloon (3B2) 1.9 TDI, VW Passat B5 Estate (3B5) 1.9 TDI, VW Caddy II Van (9K9A) 1.9 TDI, VW Polo III Classic (6V2) 1.9 TDI, VW Passat B5 Saloon (3B2) 1.9 TDI Syncro/4motion, VW Passat B5 Estate (3B5) 1.9 TDI Syncro/4motion, VW Golf IV Hatchback (1J1) 1.9 TDI, VW Golf IV Hatchback (1J1) 1.9 SDI, VW LT 28-35 II Minibus 2.5 SDI, VW LT 28-35 II Minibus 2.5 TDI, VW LT 28-46 II Platform / Chassis (2DC, 2DF, 2DG, 2DL, 2DM) 2.5 SDI, VW LT 28-46 II Van (2DA, 2DD, 2DH) 2.5 SDI, VW LT 28-46 II Van (2DA, 2DD, 2DH) 2.5 TDI, (+ 34)

The steps may slightly vary depending on the car design.

## REPLACEMENT: ENGINE OIL AND FILTER – VW PASSAT B5 VARIANT. LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- All-purpose cleaning spray
- Combination spanner #19
- Drive socket # 10
- Drive socket # 19
- Oil filter cup socket 89-15F
- Ratchet wrench
- Torque wrench
- Oil drain pan
- Funnel
- Flat Screwdriver
- Fender cover

**BUY TOOLS**

Replacement: engine oil and filter – VW Passat B5 Variant. AUTODOC experts recommend:

- Replace the oil filter every time when changing motor oil.
- Wear gloves to prevent contact with hot liquid.
- All work should be done with the engine stopped.

## REPLACEMENT: ENGINE OIL AND FILTER – VW PASSAT B5 VARIANT. RECOMMENDED SEQUENCE OF STEPS:

- 1 Open the hood. Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.



- 2 Remove the engine cover caps. Use a flat screwdriver.



- 3 Unscrew the engine cover fastener. Use a drive socket #10.



4

Remove the engine cover.

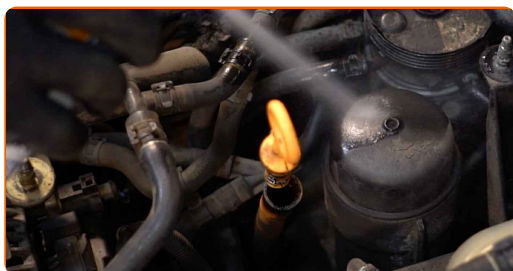


### AUTODOC recommends:

- Raise the engine cover, holding it on two sides simultaneously.

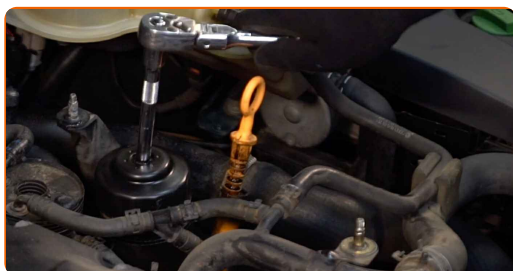
5

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



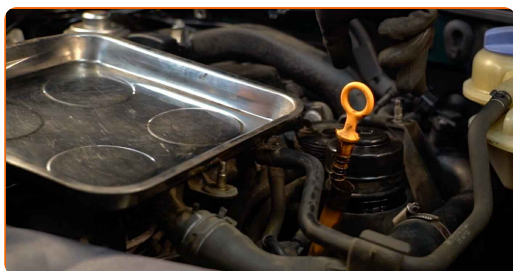
6

Unscrew the filter housing cap together with the old filter element. Use the 89-15F socket. Use a ratchet wrench.



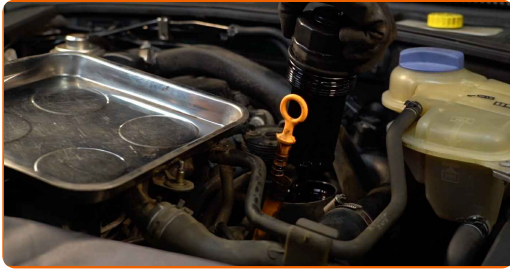
7

Prepare a container for the old oil filter.



8

Remove the filter element from the filter housing. Put the old filter cartridge in the container.



9

Unscrew the oil filler plug.



10

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

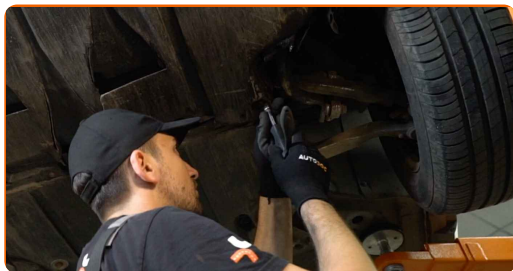


### Replacement: engine oil and filter – VW Passat B5 Variant. Tip from AUTODOC:

- 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.

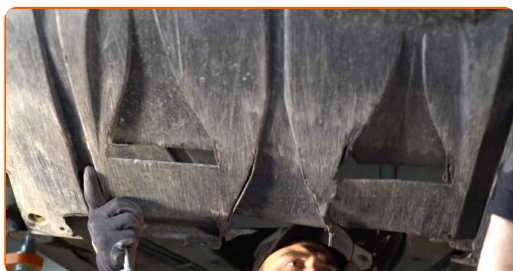
11

Undo the fasteners of the oil pan lower cover. Use a drive socket #10.



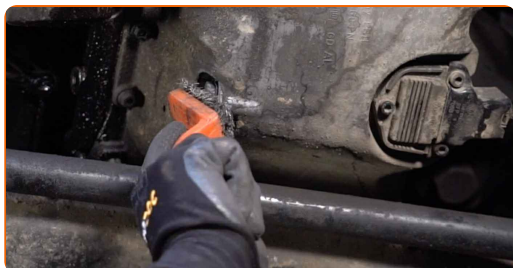
12

Remove the oil pan cover.



13

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



14

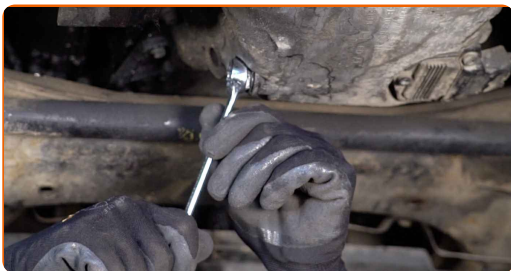
Put a waste oil container with at least 4 l capacity under the drainage hole.





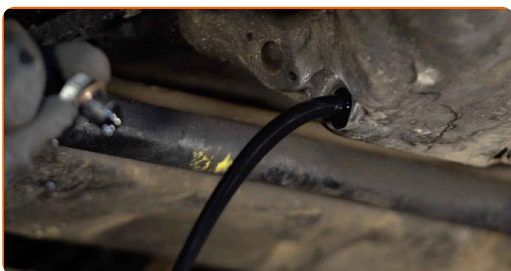
15

Unscrew the drain plug. Use a combination spanner #19. Use a ratchet wrench.



16

Drain the used oil.

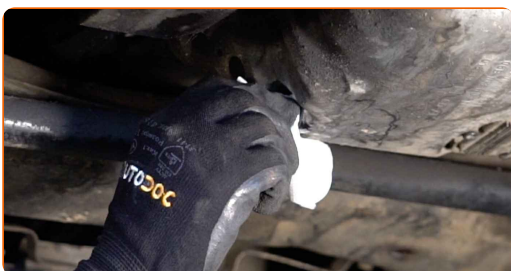


Replacement: engine oil and filter – VW Passat B5 Variant. Tip from AUTODOC experts:

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

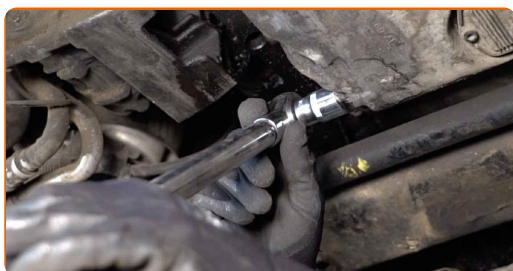
17

Clean the area of the oil pan drainage hole.

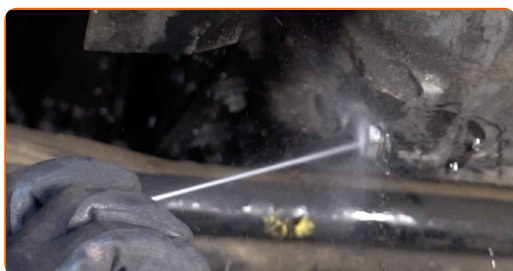




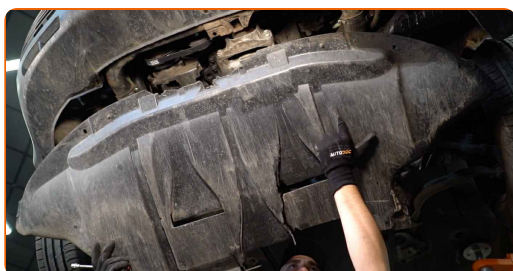
- 18** Screw in the new drainage plug and tighten it. Use a drive socket #19. Use a torque wrench. Tighten it to 30 Nm torque.



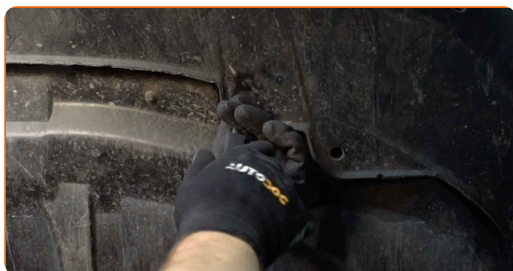
- 19** Clean the area of the oil pan drainage hole. Use all-purpose cleaning spray.



- 20** Reinstall the oil pan lower cover.



- 21** Tighten the fasteners of the oil pan lower cover. Use a drive socket #10. Use a ratchet wrench.



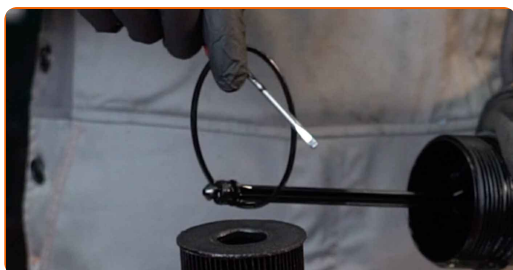
**22** Lower the car.



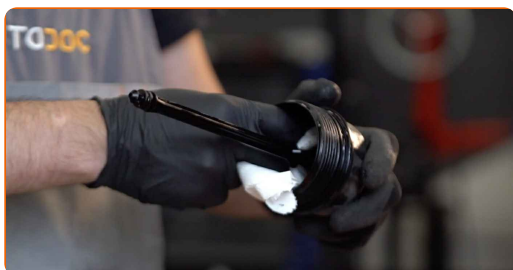
**23** Detach the oil filter from the filter cover.



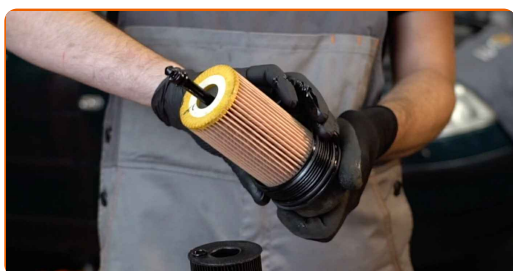
**24** Remove old o-rings from the oil filter cover. Use a flat screwdriver.



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



**26** Install new O-rings (2 pieces) and a new oil filter to their mounting seats on the filter cover.

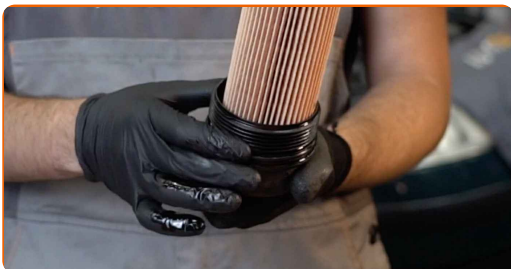


Please note!

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

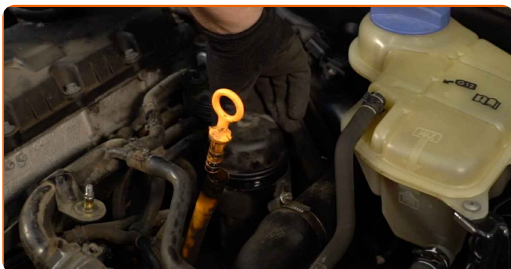
27

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



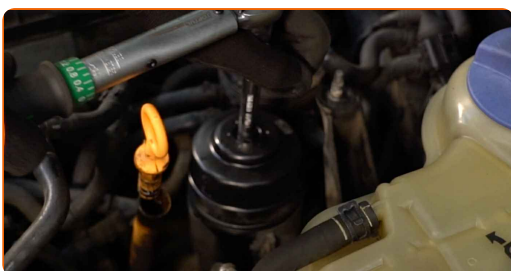
28

Screw the new filter into its place.



29

Install a new oil filter housing cover and tighten it. Use the 89-15F socket. Use a torque wrench. Tighten it to 25 Nm torque.



30

Install the engine cover and secure it.

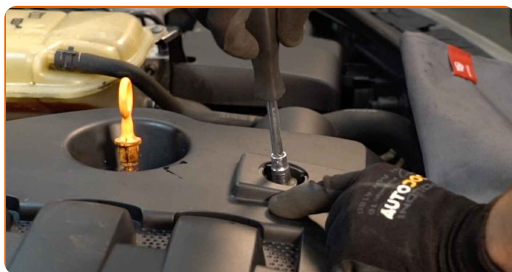


### AUTODOC recommends:

- Make sure the engine cover is properly seated. It should not be displaced with respect to the guiding fasteners.
- Caution! Do not use excessive force during installation. This may damage the fasteners of the car. VW Passat B5 Variant

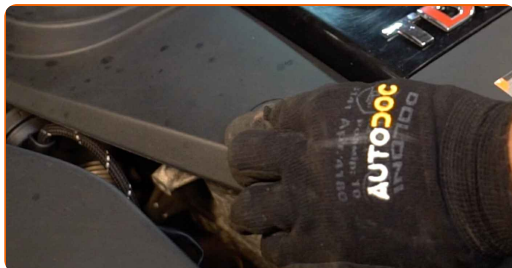
31

Screw in the engine cover fasteners. Use a drive socket #10.



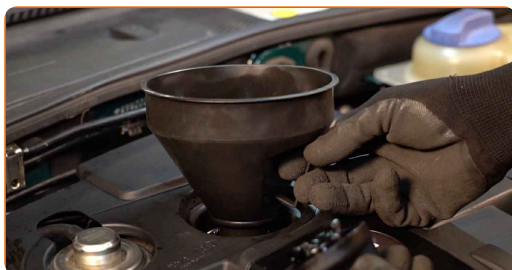
32

Install the engine cover caps.



33

Remove the oil filler cap. Insert the funnel.



34

Pour oil into the engine through the filler. Required amount of oil: 3.9 l.

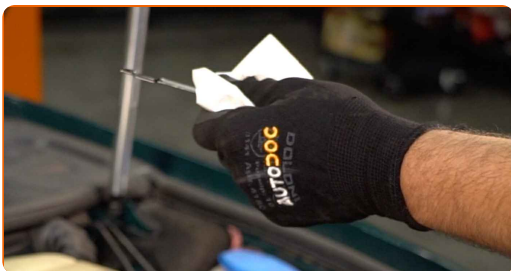


Replacement: engine oil and filter – VW Passat B5 Variant. Tip from AUTODOC experts:

- Use the oil recommended by the manufacturer.

35

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.

36

Install the oil filler cap. Tighten the oil filler cap.





37

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



38

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.

39

Remove the fender protection cover.



40

Close the hood.



### Replacement: engine oil and filter – VW Passat B5 Variant. Tip:

- 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!** 

[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**

**BUY SPARE PARTS FOR VW**

**OIL FILTER: A WIDE SELECTION**

**CHOOSE CAR PARTS FOR VW PASSAT B5 VARIANT**

**OIL FILTER FOR VW: BUY NOW**

**OIL FILTER FOR VW PASSAT B5 VARIANT: THE BEST DEALS  
& OFFERS**

### **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 2022 – 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 GmbH.