



How to change engine oil
and filter on **Audi A4 B6**
Avant – replacement
guide

VIDEO TUTORIAL

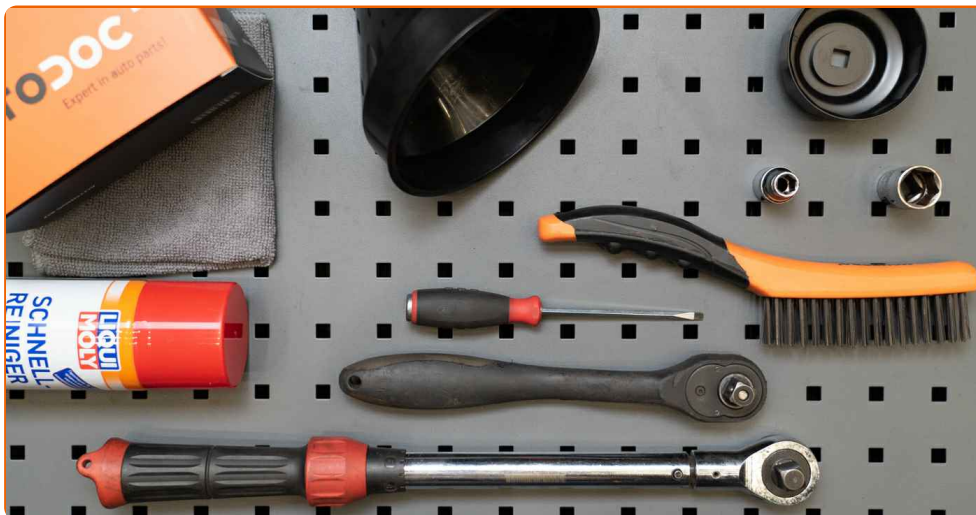
** Important!**

This replacement procedure can be used for:

AUDI A3 Hatchback (8L1) 1.9 TDI, AUDI A6 C5 Saloon (4B2) 1.9 TDI, AUDI A6 C5 Avant (4B5) 1.9 TDI, AUDI A4 B5 Saloon (8D2) 1.9 TDI, AUDI A4 B5 Avant (8D5) 1.9 TDI, AUDI A4 B5 Avant (8D5) 1.9 TDI quattro, AUDI A4 B5 Saloon (8D2) 1.9 TDI quattro, AUDI A4 B6 Saloon (8E2) 1.9 TDI, AUDI A3 Hatchback (8L1) 1.9 TDI quattro, AUDI A4 B6 Avant (8E5) 1.9 TDI, AUDI A4 B6 Saloon (8E2) 1.9 TDI quattro, AUDI A4 B6 Avant (8E5) 1.9 TDI quattro, AUDI A4 B7 Saloon (8EC) 2.0 TDI, AUDI A4 B7 Saloon (8EC) 2.0 TDI 16V, AUDI A4 B7 Saloon (8EC) 1.9 TDI, (+ 6)

The steps may slightly vary depending on the car design.

REPLACEMENT: ENGINE OIL AND FILTER – AUDI A4 B6 AVANT. LIST OF THE TOOLS YOU'LL NEED:



- All-purpose cleaning spray
- Oil filter cup socket 76-14F
- Drive socket # 10
- Drive socket # 19
- Ratchet wrench
- Torque wrench
- Oil drain pan
- Funnel
- Flat Screwdriver
- Fender cover

BUY TOOLS

Replacement: engine oil and filter – Audi A4 B6 Avant. Tip from AUTODOC experts:

- Replace the oil filter every time when changing motor oil.
- Warning! Shut down the engine before starting any work – Audi A4 B6 Avant.
- Wear gloves to prevent contact with hot liquid.

REPLACEMENT: ENGINE OIL AND FILTER – AUDI A4 B6 AVANT. RECOMMENDED SEQUENCE OF STEPS:

1 Open the hood.



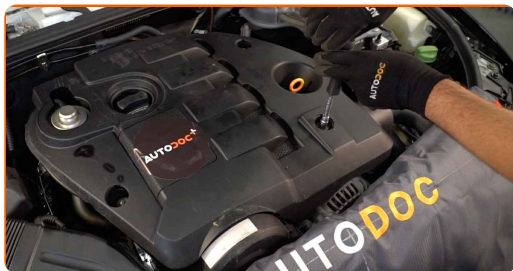
2 Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.



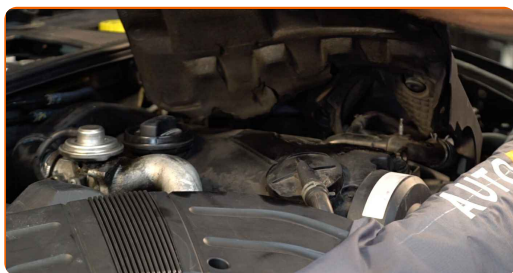
3 Remove the engine cover caps. Use a flat screwdriver.



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



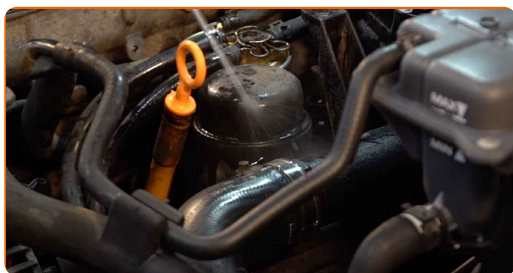
5 Remove the engine cover.



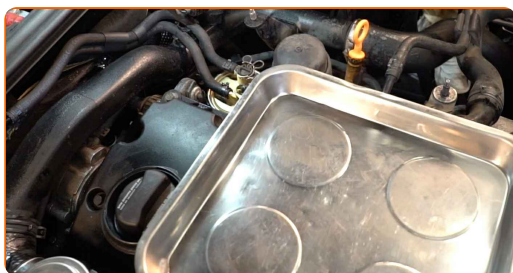
Replacement: engine oil and filter – Audi A4 B6 Avant. Tip from AUTODOC:

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

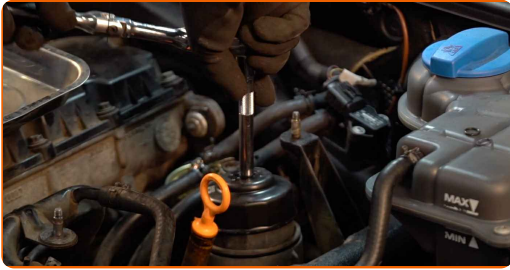
6 Clean the oil filter housing cap. Use all-purpose cleaning spray.



7 Prepare a container for the old oil filter.



8 Unscrew the filter housing cap together with the old filter element. Use the 76-14F socket. Use a ratchet wrench.



9 Put the old oil filter in the container.



Replacement: engine oil and filter – Audi A4 B6 Avant. Professionals recommend:

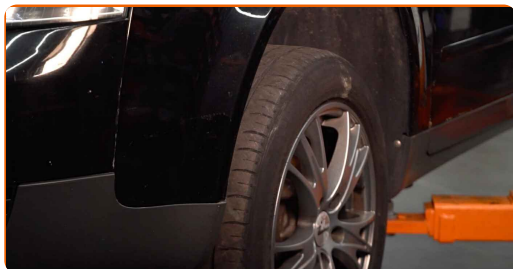
- Move up the container. The oil starts to drain out of the drainage hole immediately after you have removed the oil filter.
- Cover the oil filter housing with a microfibre towel to prevent dirt and foreign objects from getting into the system.

10 Unscrew the oil filler plug.



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

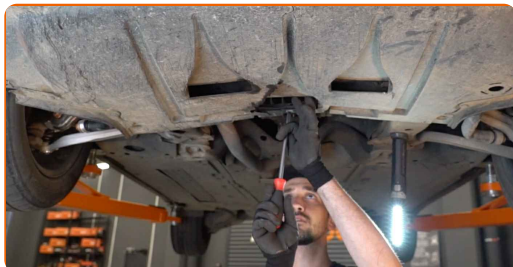


Replacement: engine oil and filter – Audi A4 B6 Avant. Tip:

- 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.

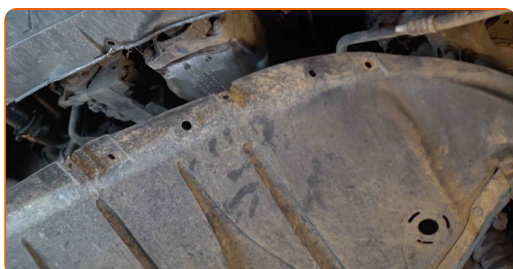
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Undo the fasteners of the oil pan lower cover. Use a drive socket #10.

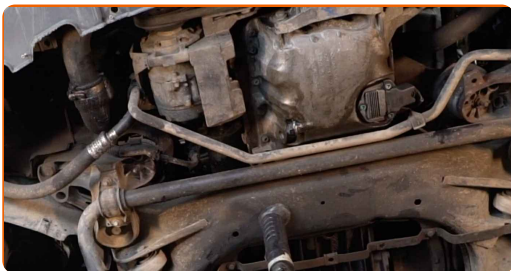


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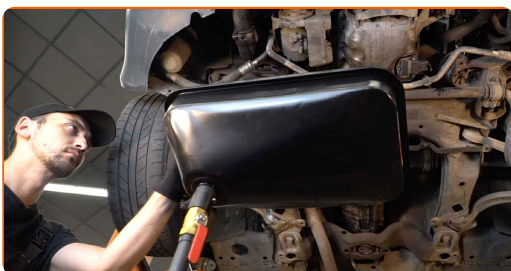
Remove the oil pan cover.



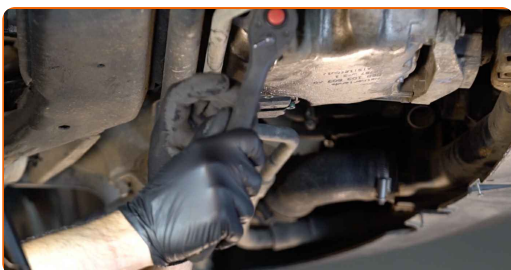
14 Clean the area of the oil pan drainage hole. Use all-purpose cleaning spray.



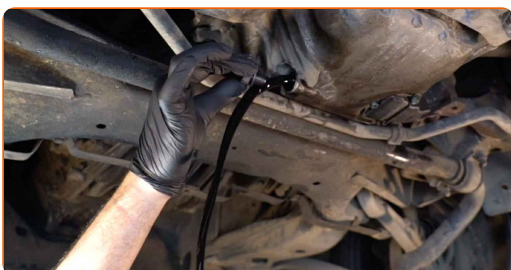
15 Put a waste oil container with at least 4 l capacity under the drainage hole.



16 Unscrew the drain plug. Use a drive socket #19. Use a ratchet wrench.



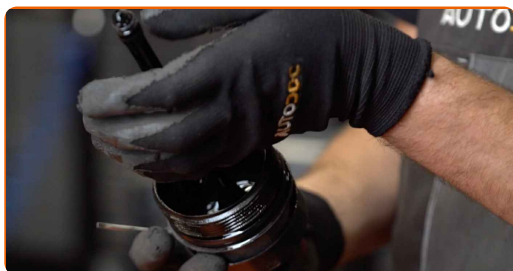
17 Drain the used oil.



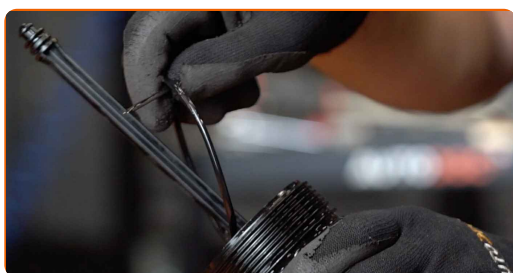
Replacement: engine oil and filter – Audi A4 B6 Avant. Tip from AUTODOC:

- Caution! The oil may be hot.

18 Detach the oil filter from the filter cover.

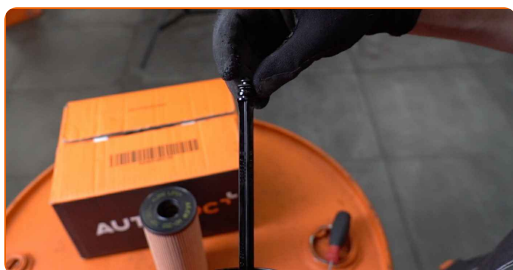


19 Remove old o-rings from the oil filter cover. Use a flat screwdriver.



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

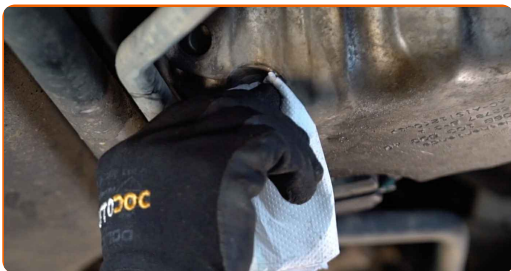
21 Install new O-rings (2 pieces) and a new oil filter to their mounting seats on the filter cover.



Please note!

- Make sure to install the filter correctly. Don't mix up the sides of the part.
- Wait until the oil has completely drained from the drainage hole.

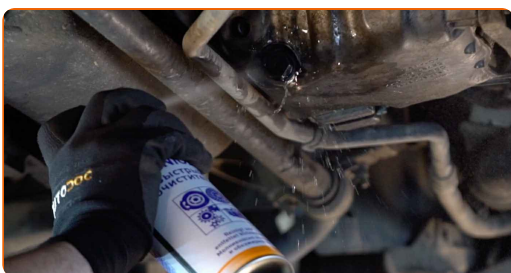
22 Clean the area of the oil pan drainage hole.



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



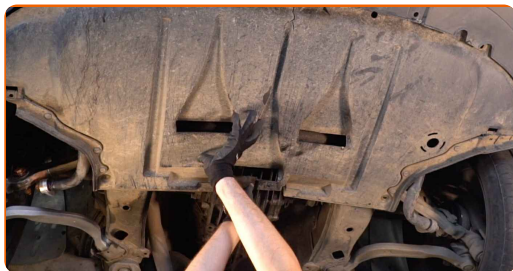
24 Clean the area of the oil pan drainage hole. Use all-purpose cleaning spray.



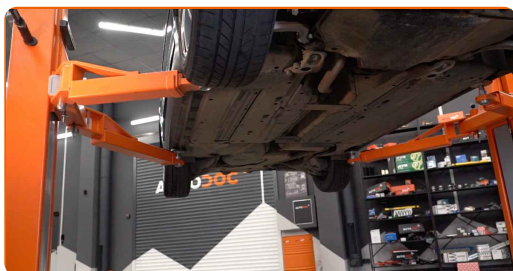
25 Reinstall the oil pan lower cover.



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

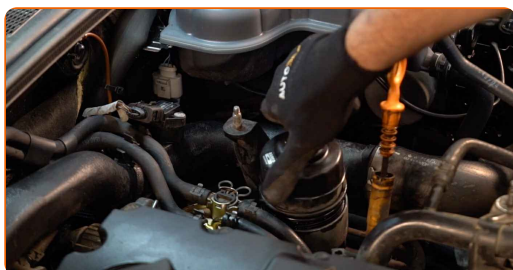


27 Lower the car.

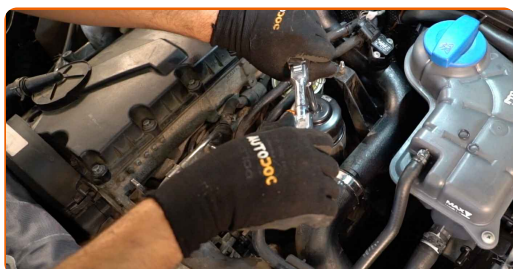


28 Lubricate the rubber seal of the new filter with a little amount of fresh oil.

29 Screw the new filter into its place.



30 Install a new oil filter housing cover and tighten it. Use the 76-14F socket. Use a torque wrench. Tighten it to 25 Nm torque.



31 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. Audi A4 B6 Avant

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



33 Install the engine cover caps.

34 Remove the oil filler cap. Insert the funnel.



35

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

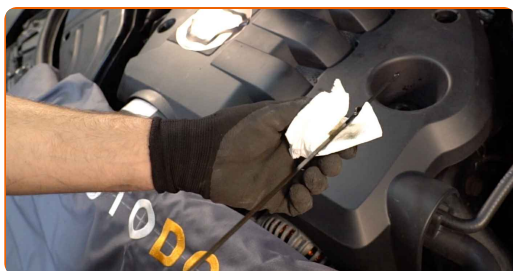


Replacement: engine oil and filter – Audi A4 B6 Avant. Professionals recommend:

- Use the oil recommended by the manufacturer.

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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.

37

Install the oil filler cap.

38 Tighten the oil filler cap.



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



40 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.

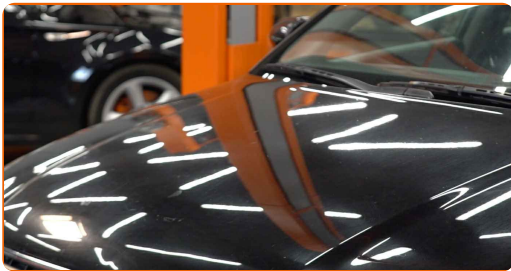
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Remove the fender protection cover.



42

Close the hood.



Replacement: engine oil and filter – Audi A4 B6 Avant. 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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