



How to change engine oil
and filter on **DS DS 9**
(X83) – replacement
guide

SIMILAR VIDEO TUTORIAL



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

i Important!

This replacement procedure can be used for:
DS DS 9 (X83) E-TENSE 360 4x4

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: PEUGEOT 307 SW (3H) 2.0 HDi 135

REPLACEMENT: ENGINE OIL AND FILTER – DS DS 9 (X83). LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- All-purpose cleaning spray
- Torque wrench
- Drive socket # 27
- Torx bit T45
- Ratchet wrench
- Oil drain pan
- Funnel
- Flat Screwdriver
- Fender cover

[Buy tools](#)

Replacement: engine oil and filter – DS DS 9 (X83). Tip from AUTODOC:

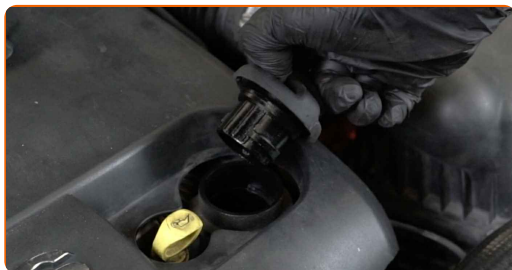
- Replace the oil filter every time when changing motor oil.
- Wear gloves to prevent contact with hot liquid.
- Please note: all work on the car – DS DS 9 (X83) – should be done with the engine switched off.

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 oil filler plug.



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

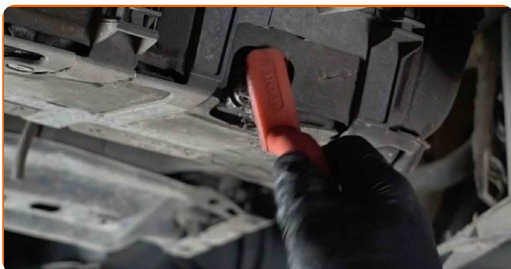
Replacement: engine oil and filter – DS DS 9 (X83). Tip:

- The vehicle must be on even keel, and if it is at an angle, the drain plug must be at the lowest point.

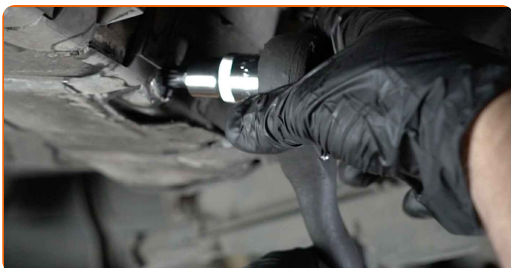
- 5 Put a waste oil container with at least 5 l capacity under the drainage hole.



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



- 7 Unscrew the drain plug. Use Torx T45. Use a ratchet wrench.



- 8 Drain the used oil.

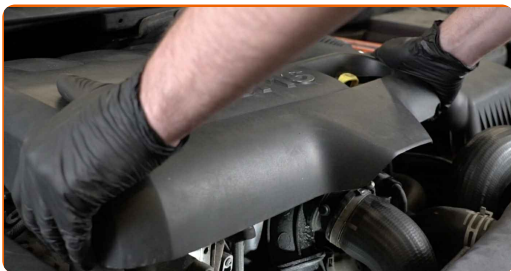


AUTODOC recommends:

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

9

Remove the engine cover.

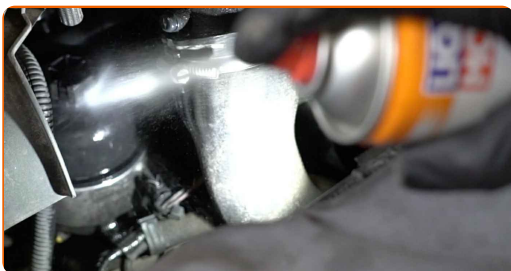


AUTODOC recommends:

- Replacement: engine oil and filter – DS DS 9 (X83). Do not use excessive force when removing the part as this may damage it.

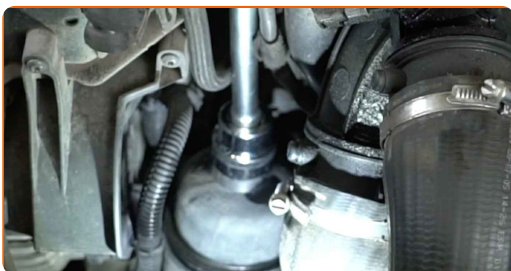
10

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



11

Unscrew the filter housing cap together with the old filter element. Use a drive socket #27. Use a ratchet wrench.



12

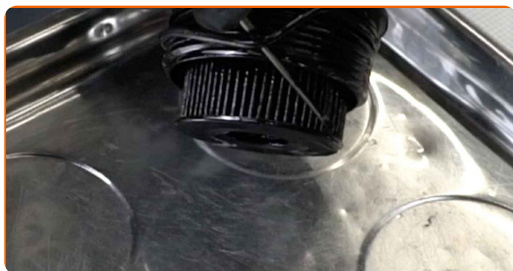
Prepare a container for the old oil filter. Put the old oil filter in the container.

Replacement: engine oil and filter – DS DS 9 (X83). Professionals recommend:

- Move up the container. The oil starts to drain out of the drainage hole immediately after you have removed the oil filter.

13

Remove the oil filter cover O-ring. Use a flat screwdriver.



14

Detach the oil filter from the filter cover.



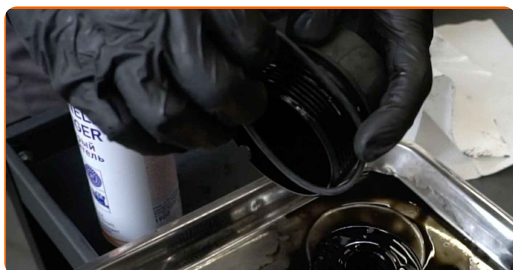
15

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

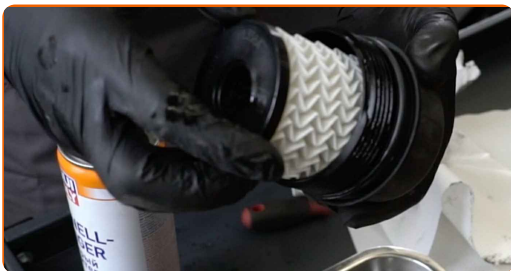


16

Install a new O-ring to its mounting seat on the filter cover.



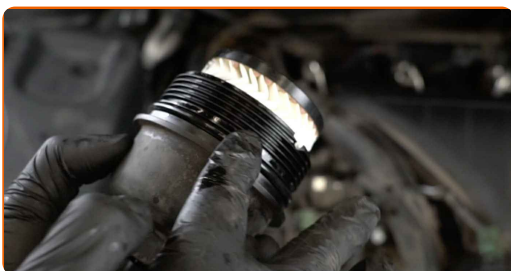
- 17 Install the new oil filter to the mounting seat on the filter cover.



Please note!

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

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



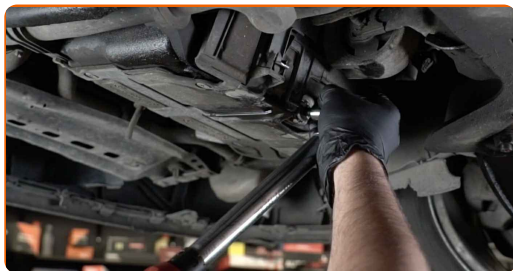
- 19 Install a new oil filter housing cover and tighten it. Use a drive socket #27. Use a torque wrench. Tighten it to 25 Nm torque.



- 20 Clean the area of the oil pan drainage hole.



- 21 Screw in the new drainage plug and tighten it. Use Torx T45. Use a torque wrench. Tighten it to 30 Nm torque.

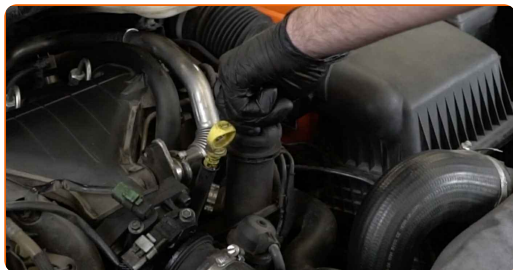


- 22 Clean the area of the oil pan drainage hole. Use all-purpose cleaning spray.

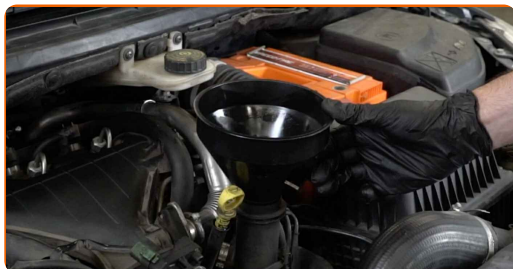


- 23 Lower the car.

- 24 Remove the oil filler cap.



- 25 Insert the funnel.



26

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

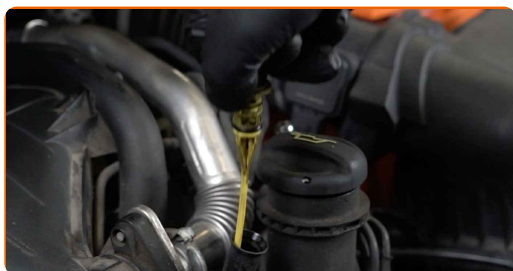


Replacement: engine oil and filter – DS DS 9 (X83). Tip:

- Use the oil recommended by the manufacturer.

27

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.

28

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.
- Replacement: engine oil and filter – DS DS 9 (X83). Do not use excessive force during installation. This may damage the fasteners.

29

Install the oil filler cap.

30

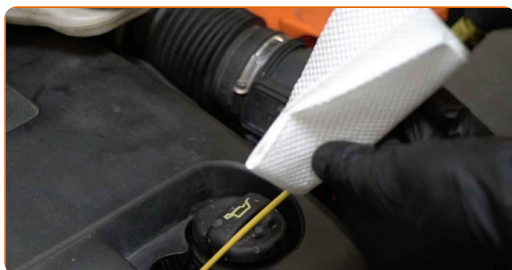
Tighten the oil filler cap.

31

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

32

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.

33

Remove the fender protection cover.

34

Close the hood.

Replacement: engine oil and filter – DS DS 9 (X83). AUTODOC experts recommend:

- 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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