



How to change engine oil  
and filter on **CITROËN C5**  
**X III** – 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:  
CITROËN C5 X III Hybrid 225 (NDDGYP)

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 207 Hatchback 1.6 16V VTi

REPLACEMENT: ENGINE OIL AND FILTER – CITROËN C5  
X III. TOOLS YOU'LL NEED:



- Wire brush
- All-purpose cleaning spray
- Torque wrench
- Drive socket # 27
- HEX bit No.H6.
- Ratchet wrench
- Oil drain pan
- Funnel
- Flat Screwdriver
- Fender cover

**Buy tools**

Replacement: engine oil and filter – CITROËN C5 X III. Tip from AUTODOC:

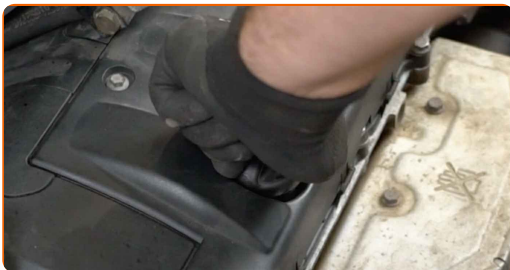
- Replace the oil filter every time when changing motor oil.
- Use only new O-rings during installation.
- Wear gloves to prevent contact with hot liquid.
- Warning! Shut down the engine before starting any work – CITROËN C5 X III

**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.

**AUTODOC recommends:**

- 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 4 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 HEX No.H6. Use a ratchet wrench.



**8** Drain the used oil.



Replacement: engine oil and filter – CITROËN C5 X III. Tip:

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

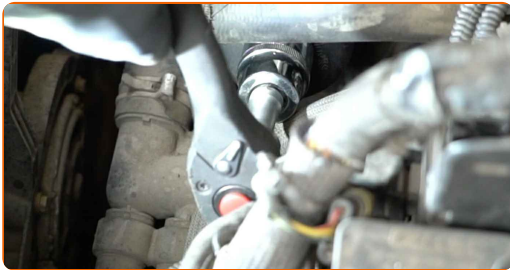
9

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



10

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

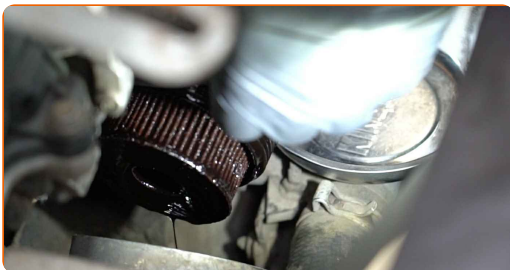


11

Prepare a container for the old oil filter.

12

Put the old oil filter in the container.



**AUTODOC recommends:**

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

**13**

Detach the oil filter from the filter cover.



**14**

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



**15**

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

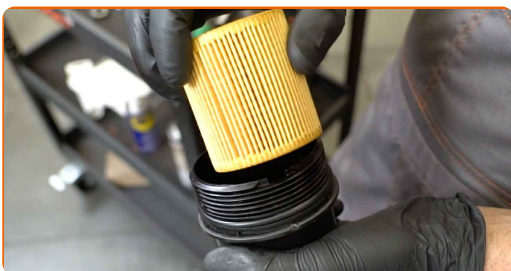


**16**

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



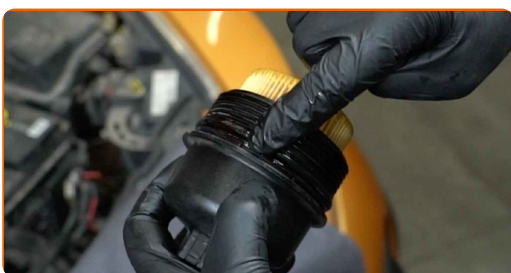
**17** Install the new oil filter to the mounting seat on the filter cover.



**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.

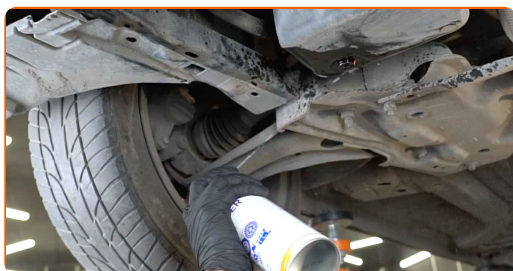




**21** Screw in the new drainage plug and tighten it. Use HEX No.H6. Use a torque wrench. Tighten it to 30 Nm torque.



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

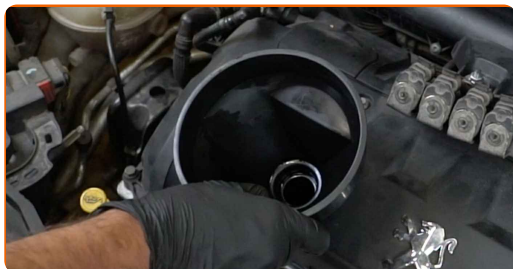


**23** Lower the car.

**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 – CITROËN C5 X III. Tip from AUTODOC:

- 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 oil filler cap.

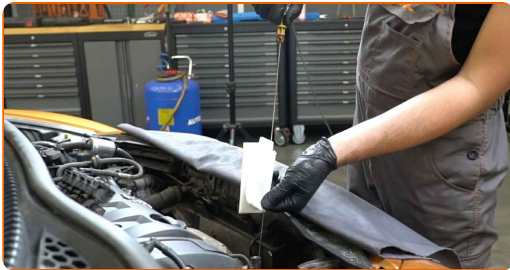


**29** Tighten the oil filler cap.



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

**31** 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.

**32** Remove the fender protection cover.

**33** Close the hood.

Replacement: engine oil and filter – CITROËN C5 X III. Professionals 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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