



How to change engine oil  
and filter on **CITROËN C3**  
**Pluriel (HB\_)** –  
replacement guide

## SIMILAR VIDEO TUTORIAL



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

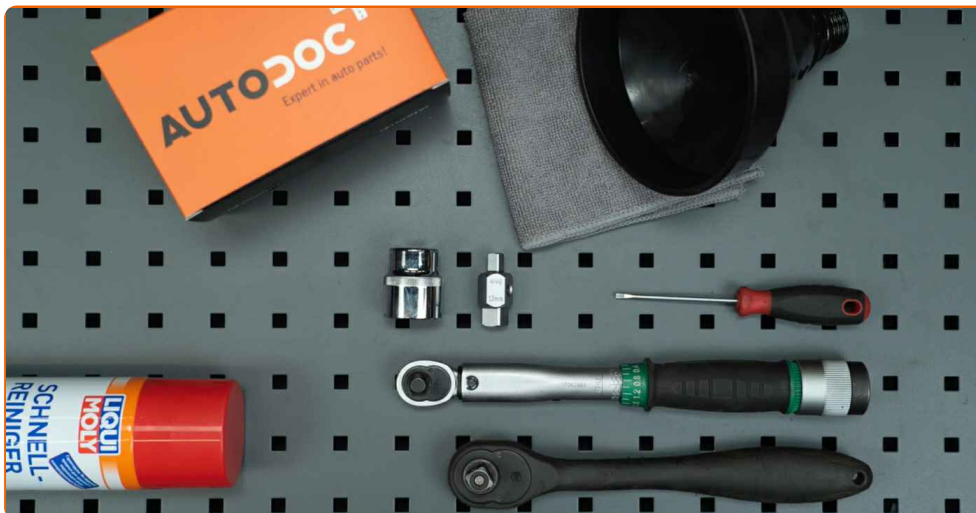
### Important!

This replacement procedure can be used for:  
CITROËN C3 Pluriel (HB\_) 1.6, CITROËN C3 Pluriel (HB\_) 1.4

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: CITROËN C3 I Hatchback (FC\_, FN\_) 1.4 i

REPLACEMENT: ENGINE OIL AND FILTER – CITROËN C3  
PLURIEL (HB\_). TOOLS YOU NEED:



- All-purpose cleaning spray
- Square oil drain plug socket No.8
- Drive socket # 27
- Ratchet wrench
- Torque wrench
- Oil drain pan
- Funnel
- Flat Screwdriver
- Microfibre towel
- Fender cover

**Buy tools**

Replacement: engine oil and filter – CITROËN C3 Pluriel (HB\_). AUTODOC experts recommend:

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

## REPLACEMENT: ENGINE OIL AND FILTER – CITROËN C3 PLURIEL (HB\_). USE THE FOLLOWING PROCEDURE:

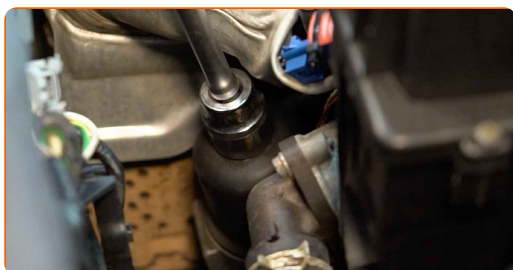
**1** Open the hood.

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

**3** Unscrew the oil filler plug.

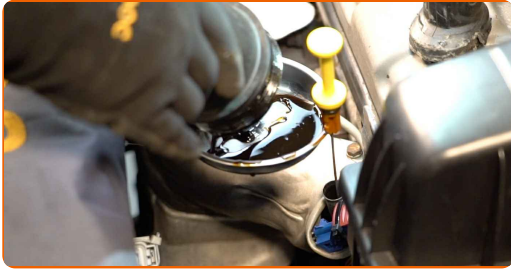


**4** Unscrew the filter housing cap together with the old filter element. Use a drive socket #27. Use a ratchet wrench.



5

Put the old oil filter in the container.



Replacement: engine oil and filter – CITROËN C3 Pluriel (HB\_). AUTODOC recommends:

- 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.

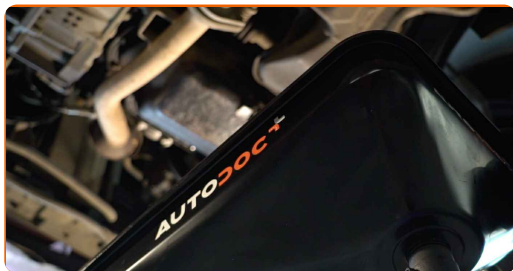
6

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

Replacement: engine oil and filter – CITROËN C3 Pluriel (HB\_). AUTODOC experts 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.

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



**8** Unscrew the drain plug. Use square oil drain plug socket No.8 Use a ratchet wrench.



**9** Drain the used oil.



Replacement: engine oil and filter – CITROËN C3 Pluriel (HB\_). Tip from AUTODOC:

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

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



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



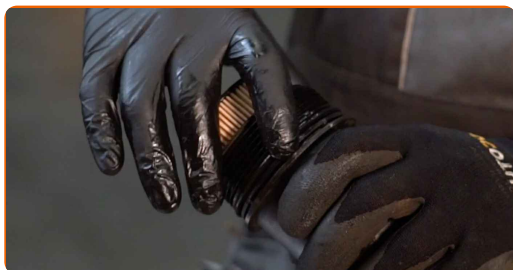
**12** Remove the oil filter cover O-ring. Use a flat screwdriver.



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



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

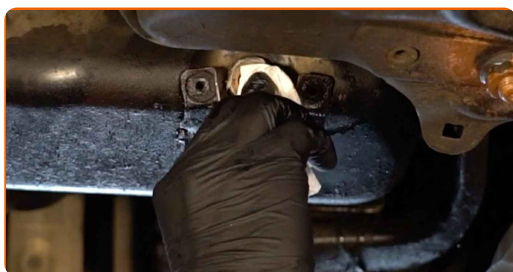


**15** Install the new oil filter to the mounting seat on the filter cover.

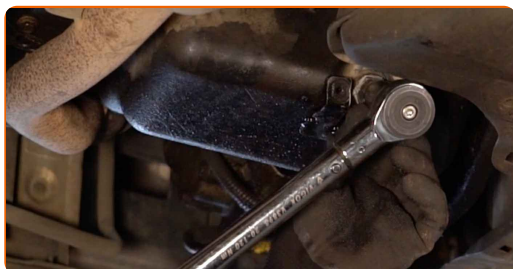
**Please note!**

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

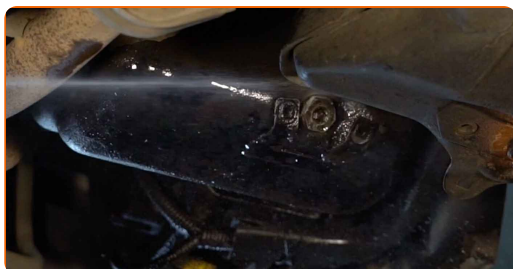
**16** Clean the area of the oil pan drainage hole. Use all-purpose cleaning spray.



**17** Screw in the new drainage plug and tighten it. Use square oil drain plug socket No.8 Use a torque wrench. Tighten it to 30 Nm torque.



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



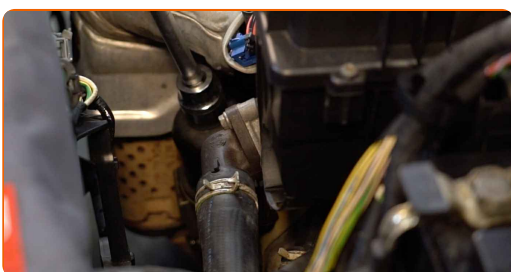


**19** Lower the car.

**20** Screw the new filter into its place.



**21** 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.



**22** Remove the oil filler cap. Insert the funnel.



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

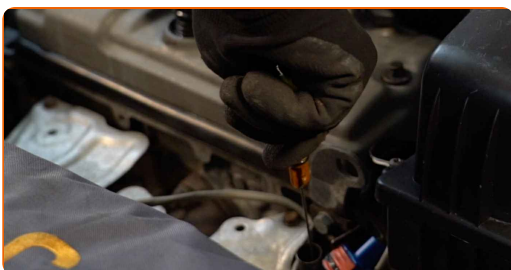


Replacement: engine oil and filter – CITROËN C3 Pluriel (HB\_). Tip from AUTODOC experts:

- Use the oil recommended by the manufacturer.

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

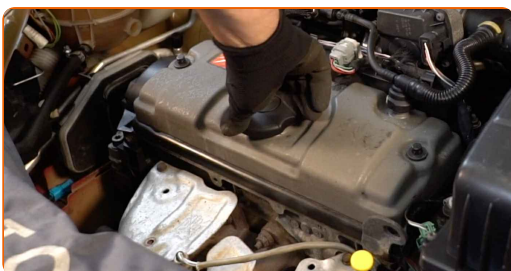


Please note!

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

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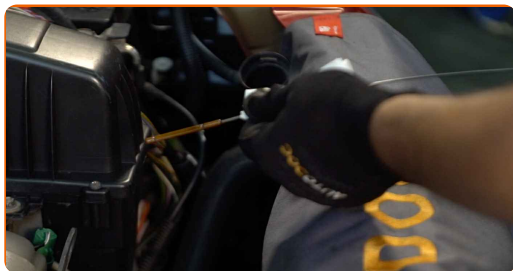
Install the oil filler cap. Tighten the oil filler cap.



26

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

- 27 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.

- 28 Remove the fender protection cover.

- 29 Close the hood.

Replacement: engine oil and filter – CITROËN C3 Pluriel (HB\_). 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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