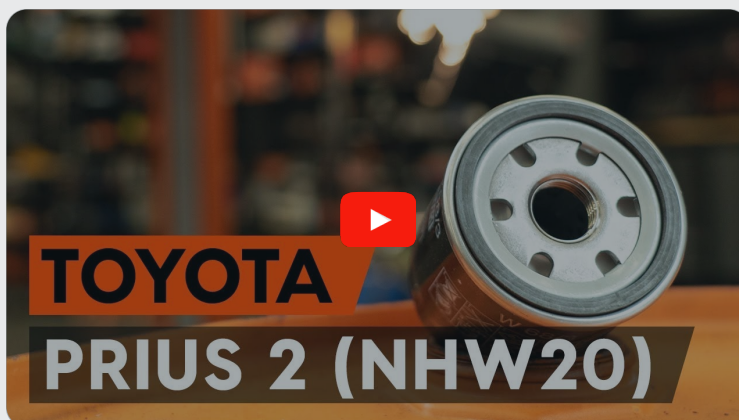




How to change engine oil  
and filter on **TOYOTA**  
**COROLLA (\_E7\_)** –  
replacement guide

## SIMILAR VIDEO TUTORIAL



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

### Important!

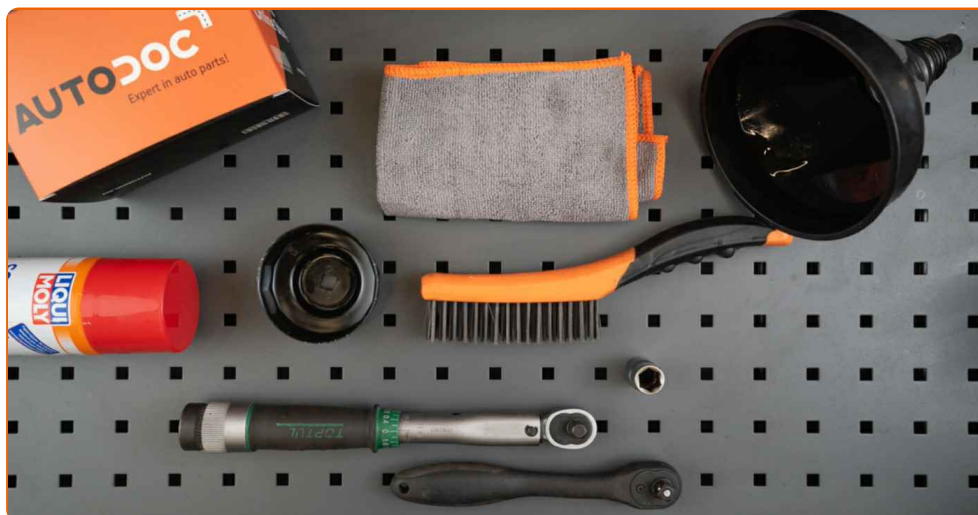
This replacement procedure can be used for:

TOYOTA COROLLA (\_E7\_) 1.3

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: TOYOTA PRIUS Hatchback (NHW20\_) 1.5 Hybrid (NHW2\_)

REPLACEMENT: ENGINE OIL AND FILTER – TOYOTA COROLLA (\_E7\_). TOOLS YOU NEED:



- Wire brush
- All-purpose cleaning spray
- Oil filter cup socket 76-14F
- Drive socket # 14
- Ratchet wrench
- Torque wrench
- Oil drain pan
- Funnel
- Fender cover

**Buy tools**

Replacement: engine oil and filter – TOYOTA COROLLA (\_E7\_). Tip from AUTODOC experts:

- 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 – TOYOTA COROLLA (\_E7\_) – 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.

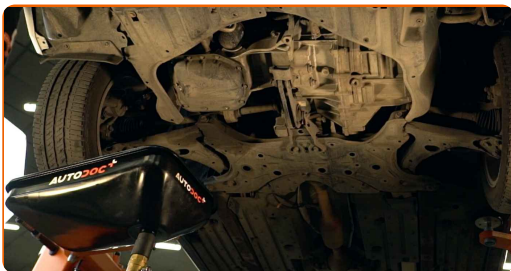


**4** Lift the car using a jack or place it over an inspection pit.

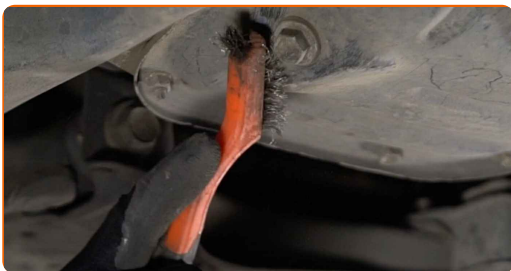
Replacement: engine oil and filter – TOYOTA COROLLA (\_E7\_). AUTODOC recommends:

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

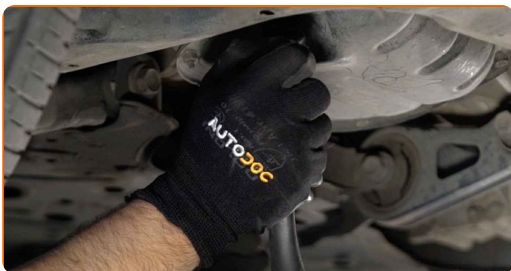
**5** Put a waste oil container with at least 5 l capacity under the drainage hole.



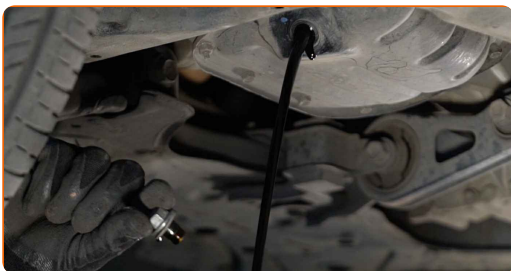
**6** Clean the area of the oil pan drainage hole. Use a wire brush. Use all-purpose cleaning spray.



**7** Unscrew the drain plug. Use a drive socket #14. Use a ratchet wrench.



**8** Drain the used oil.



Replacement: engine oil and filter – TOYOTA COROLLA (\_E7\_). Tip:

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

9

Prepare a container for the old oil filter.



10

Unscrew the oil filter. Use the 76-14F socket. Use a ratchet wrench.



11

Put the old oil filter in the container.

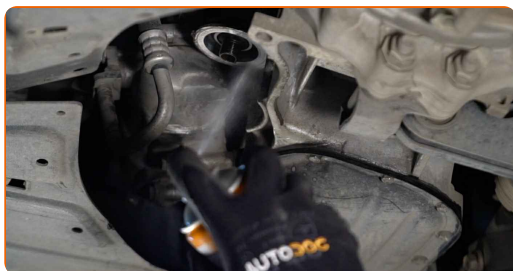


Replacement: engine oil and filter – TOYOTA COROLLA (\_E7\_). Tip from AUTODOC experts:

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

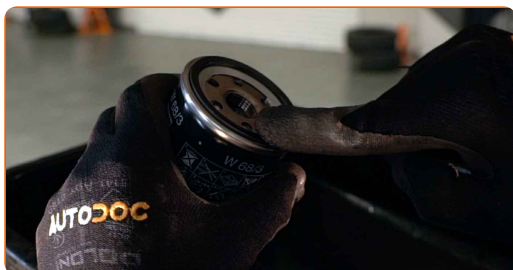
12

Clean the oil filter seat. Use all-purpose cleaning spray.



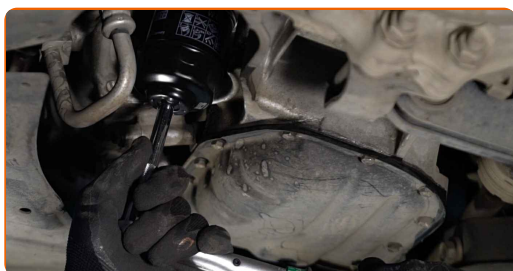
13

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



14

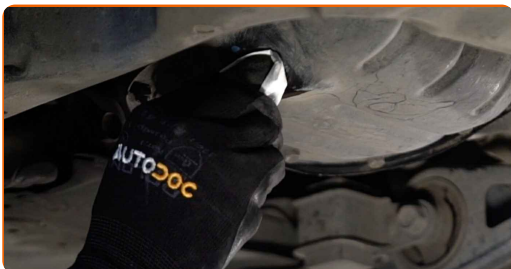
Screw the new filter into its place. Use the 76-14F socket. Use a torque wrench. Tighten it to 23 Nm torque.



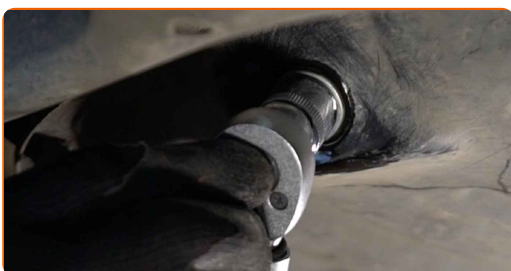
Please note!

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

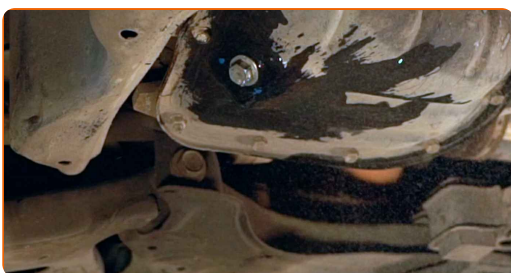
**15** Clean the area of the oil pan drainage hole.



**16** Screw in the new drainage plug and tighten it. Use a drive socket #14. Use a torque wrench. Tighten it to 27 Nm torque.



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



**18** Lower the car.



**19** Remove the oil filler cap.



**20** Insert the funnel.



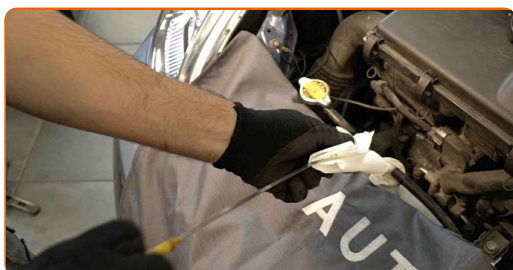
**21** Pour new oil into the engine in the amount recommended by the car manufacturer.



Replacement: engine oil and filter – TOYOTA COROLLA (\_E7\_). Tip from AUTODOC:

- Use the oil recommended by the manufacturer.

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

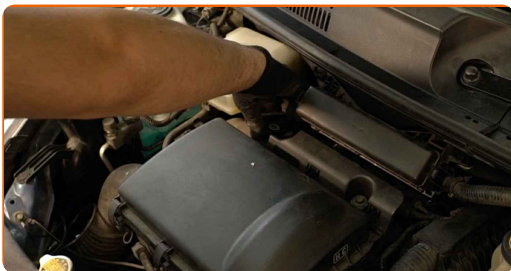


Please note!

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

23

Install the oil filler cap.



24

Tighten the oil filler cap.

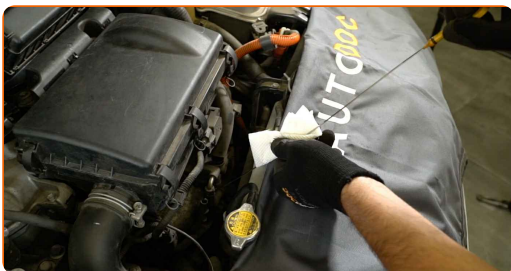


25

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

26

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.

**27** Remove the fender protection cover.

**28** Close the hood.

### Replacement: engine oil and filter – TOYOTA COROLLA (\_E7\_). 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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