

How to change engine oil and filter on **TOYOTA Carina II Estate (T170)** – 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: TOYOTA Carina II Estate (T170) 1.6, TOYOTA Carina II Estate (T170) 2.0 (ST171\_)

The steps may slightly vary depending on the car design.

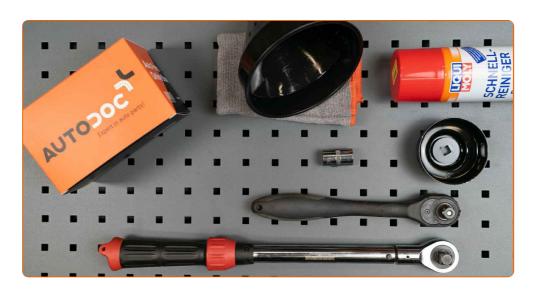
This tutorial was created based on the replacement procedure for a similar car part on: TOYOTA Aygo (AB10) 1

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# REPLACEMENT: ENGINE OIL AND FILTER – TOYOTA CARINA II ESTATE (T170). LIST OF THE TOOLS YOU'LL NEED:



- All-purpose cleaning spray
- Oil filter cup socket 76/14-F
- Impact socket №15
- Ratchet wrench

- Torque wrench
- Oil drain pan
- Funnel
- Fender cover

**Buy tools** 

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#### AUTODOC recommends:

- Replace the oil filter every time when changing motor oil.
- Please note: all work on the car TOYOTA Carina II Estate (T170) should be done with the engine switched off.
- Wear gloves to prevent contact with hot liquid.

#### CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

- Open the hood.
- Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.
- Unscrew the oil filler plug.
- Lift the car using a jack or place it over an inspection pit.

# Replacement: engine oil and filter – TOYOTA Carina II Estate (T170). Tip from AUTODOC experts:

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



Unscrew the drain plug. Use a drive socket #15. Use a ratchet wrench.



7 Drain the used oil.



Replacement: engine oil and filter – TOYOTA Carina II Estate (T170). Tip from AUTODOC:

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

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8 Move the container under the oil filter.



9 Unscrew the oil filter. Use the 76/14-F socket.



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



### Replacement: engine oil and filter – TOYOTA Carina II Estate (T170). Tip:

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

Clean the oil filter seat.



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



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



Clean the area of the oil pan drainage hole.



Screw in the new drainage plug and tighten it. Use a drive socket #15. Use a torque wrench. Tighten it to 27 nm torque.



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- Lower the car.
- 18 Remove the oil filler cap. Insert the funnel.



Pour oil into the engine through the filler. Required amount of oil: 3.6 L.



Replacement: engine oil and filter – TOYOTA Carina II Estate (T170).

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.
- Tighten the oil filler cap.



- Run the engine for a few minutes. After the oil pressure warning light goes out, stop the engine.
- Check the oil level 5 minutes after the stop of the engine operation using a dipstick and add oil if necessary.



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## Replacement: engine oil and filter – TOYOTA Carina II Estate (T170). AUTODOC recommends:

- 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.
- Remove the fender protection cover.
- Close the hood.

# Replacement: engine oil and filter – TOYOTA Carina II Estate (T170). 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.



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