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How to change engine oil and filter on TOYOTA

Corolla Hatchback (KE,
TE) – 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 Corolla Hatchback (KE, TE) 1.2 (KE36\_)

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 Yaris Hatchback (\_P1\_) 1.3 (NCP10\_, SCP12\_)

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# REPLACEMENT: ENGINE OIL AND FILTER – TOYOTA COROLLA HATCHBACK (KE, TE). LIST OF THE TOOLS YOU'LL NEED:



- All-purpose cleaning spray
- Combination spanner #14
- Oil filter cup socket 65-14F
- Ratchet wrench

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

**Buy tools** 

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### Replacement: engine oil and filter – TOYOTA Corolla Hatchback (KE, TE). Tip from AUTODOC experts:

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

# REPLACEMENT: ENGINE OIL AND FILTER – TOYOTA COROLLA HATCHBACK (KE, TE). TAKE THE FOLLOWING STEPS:

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



Replacement: engine oil and filter – TOYOTA Corolla Hatchback (KE, TE).

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.

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



Unscrew the oil filter. Use the 65-14F socket. Use a ratchet wrench.



Put the old oil filter in the container.



#### Replacement: engine oil and filter – TOYOTA Corolla Hatchback (KE, TE). 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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Screw the new filter into its place. Use the 65-14F socket. Use a torque wrench. Tighten it to 18 Nm torque.



Unscrew the drain plug. Use a combination spanner #14.



B Drain the used oil.



Replacement: engine oil and filter – TOYOTA Corolla Hatchback (KE, TE). Tip from AUTODOC:

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

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Glean the area of the oil pan drainage hole.



Screw in the new drainage plug and tighten it. Use a combination spanner #14. Use a torque wrench. Tighten it to 25 Nm torque.



- Clean the area of the oil pan drainage hole. Use all-purpose cleaning spray.
  - Lower the car. Open the hood.
- Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.
- 14 Unscrew the oil filler plug.



- Remove the oil filler cap.
- 16 Insert the funnel.



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



Replacement: engine oil and filter – TOYOTA Corolla Hatchback (KE, TE). Tip from AUTODOC experts:

- Use the oil recommended by the manufacturer.
- 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.
- 19 Install the oil filler cap.



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- 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.



#### 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.

Remove the fender protection cover. Close the hood.

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### Replacement: engine oil and filter – TOYOTA Corolla Hatchback (KE, TE). 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.



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