



How to change engine oil
and filter on **TOYOTA**
LAND CRUISER 90 (_J9_)
– 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 LAND CRUISER 90 (_J9_) 3.4 i 24V, TOYOTA LAND CRUISER 90 (_J9_) 2.7 (RZJ95)

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 LAND CRUISER (KDJ12_, GRJ12_) 3.0 D-4D

REPLACEMENT: ENGINE OIL AND FILTER – TOYOTA LAND CRUISER 90 (_J9_). LIST OF THE TOOLS YOU'LL NEED:



- All-purpose cleaning spray
- Oil filter cup socket 76-14F
- Drive socket # 17
- Ratchet wrench
- Torque wrench
- Oil drain pan
- Funnel
- Fender cover

Buy tools

Replacement: engine oil and filter – TOYOTA LAND CRUISER 90 (_J9_). Tip from AUTODOC:

- 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 – TOYOTA LAND CRUISER 90 (_J9_). USE THE FOLLOWING PROCEDURE:

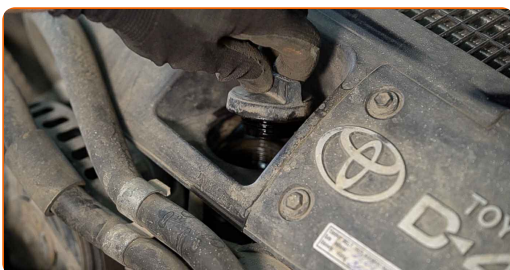
1 Open the hood.

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

3 Clean the cap of the oil filler neck. Use all-purpose cleaning spray.



4 Unscrew the oil filler plug.



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

Replacement: engine oil and filter – TOYOTA LAND CRUISER 90 (_J9_). 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.

6

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



7

Unscrew the drain plug. Use a drive socket #17. Use a ratchet wrench.



8

Drain the used oil.



Replacement: engine oil and filter – TOYOTA LAND CRUISER 90 (_J9_). Tip:

- Caution! The oil may be hot.

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



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



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

Replacement: engine oil and filter – TOYOTA LAND CRUISER 90 (_J9_).
Professionals recommend:

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

12 Wait until the oil has completely drained from the drainage hole.



13 Clean the area of the oil pan drainage hole.



14 Screw in the new oil drain plug. Use a drive socket #17. Use a ratchet wrench.

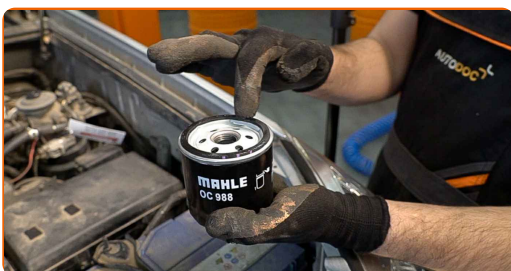


15 Tighten the oil drain plug. Use a drive socket #17. Use a torque wrench. Tighten it to 30 Nm torque.

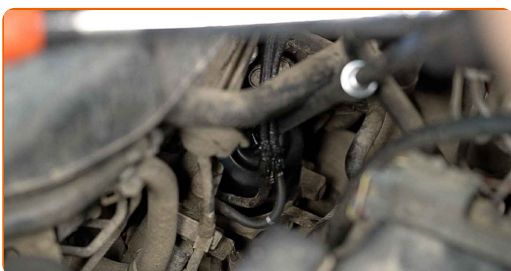
16 Clean the area of the oil pan drainage hole. Use all-purpose cleaning spray.

17 Lower the car.

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



19 Screw the new filter into its place. Use the 76-14F socket. Use a torque wrench. Tighten it to 20 Nm torque.



20 Remove the oil filler cap. Insert the funnel.



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



Replacement: engine oil and filter – TOYOTA LAND CRUISER 90 (_J9_). Tip from AUTODOC experts:

- Use the oil recommended by the manufacturer.

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



Please note!

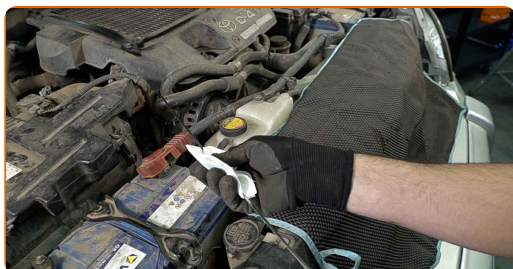
- The oil level should be between the Min and Max marks.

23 Tighten the oil filler cap.



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

25 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.

26 Remove the fender protection cover.

27 Close the hood.

Replacement: engine oil and filter – TOYOTA LAND CRUISER 90 (_J9_).
AUTODOC recommends:

- 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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