



How to change engine oil  
and filter on **TOYOTA**  
**HIACE IV Box (LXH1\_,**  
**RZH1\_, LH1\_) –**  
replacement guide

### SIMILAR VIDEO TUTORIAL



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

#### **i Important!**

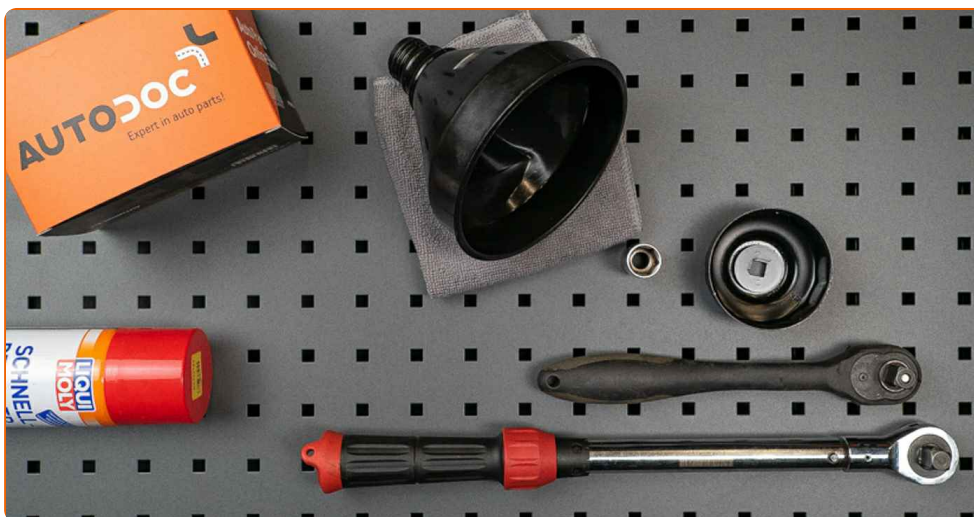
This replacement procedure can be used for:

TOYOTA HIACE IV Box (LXH1\_, RZH1\_, LH1\_) 2.4, TOYOTA HIACE IV Box (LXH1\_, RZH1\_, LH1\_) 2.4 4WD, TOYOTA HIACE IV Box (LXH1\_, RZH1\_, LH1\_) 2.7, TOYOTA HIACE IV Box (LXH1\_, RZH1\_, LH1\_) 2.7 4WD, TOYOTA HIACE IV Box (LXH1\_, RZH1\_, LH1\_) 2.5 D-4D (KLH12\_, KLH22\_), TOYOTA HIACE IV Box (LXH1\_, RZH1\_, LH1\_) 2.5 D-4D 4WD (KLH18\_, KLH28), TOYOTA HIACE IV Box (LXH1\_, RZH1\_, LH1\_) 2.4 i

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 HIACE IV BOX (LXH1\_, RZH1\_, LH1\_). 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 HIACE IV Box (LXH1\_, RZH1\_, LH1\_). 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 HIACE IV BOX (LXH1\_, RZH1\_, LH1\_). USE THE FOLLOWING PROCEDURE:

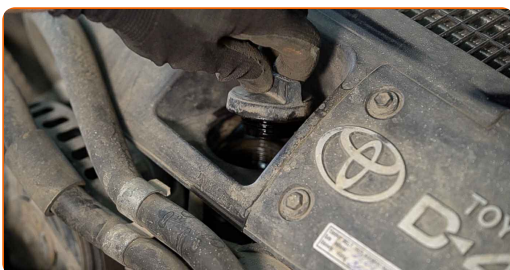
**1** Open the hood.

**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 HIACE IV Box (LXH1\_, RZH1\_, LH1\_). 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.

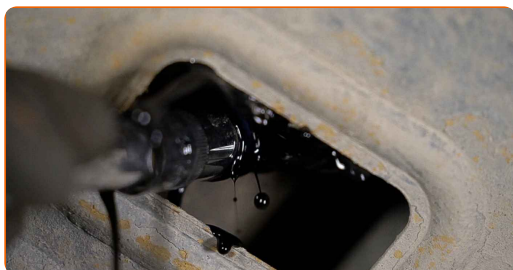
6

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



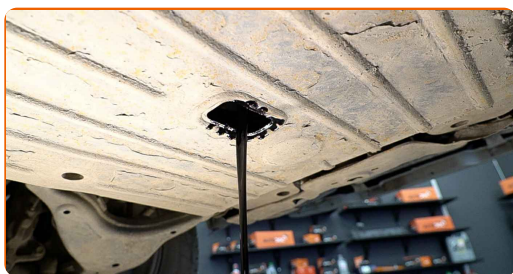
7

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



8

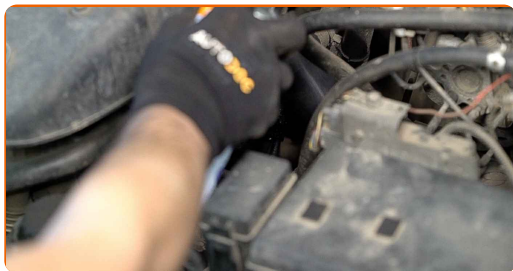
Drain the used oil.



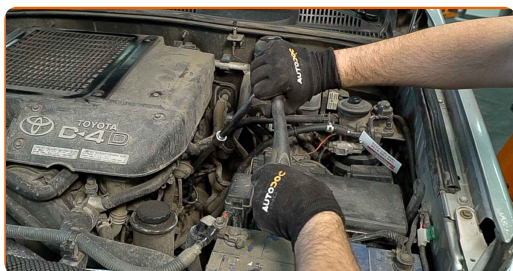
Replacement: engine oil and filter – TOYOTA HIACE IV Box (LXH1\_, RZH1\_, LH1\_). Tip:

- 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.

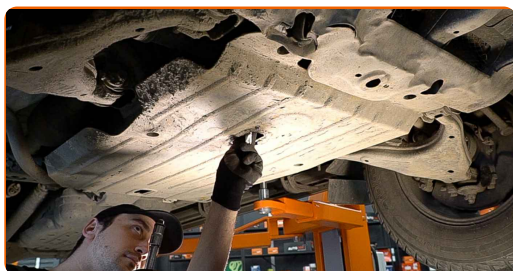
Replacement: engine oil and filter – TOYOTA HIACE IV Box (LXH1\_, RZH1\_, LH1\_). Professionals recommend:

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

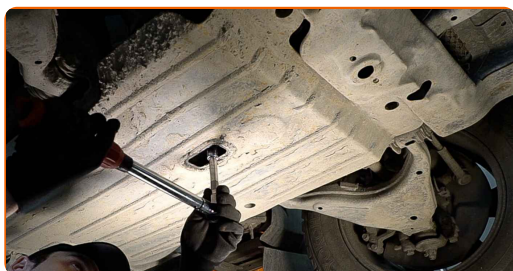
**12** Wait until the oil has completely drained from the drainage hole.



**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.

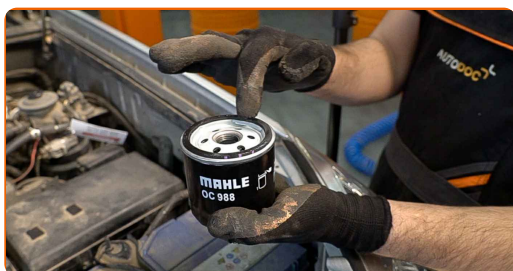


**15** Tighten the oil drain plug. Use a drive socket #17. Use a torque wrench. Tighten it to 30 Nm torque.

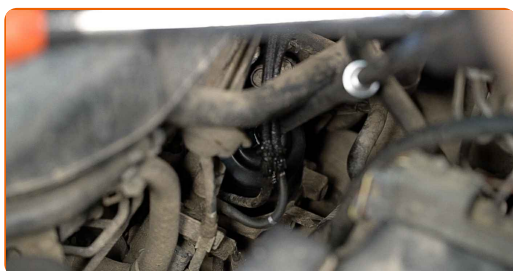
**16** Clean the area of the oil pan drainage hole. Use all-purpose cleaning spray.

**17** Lower the car.

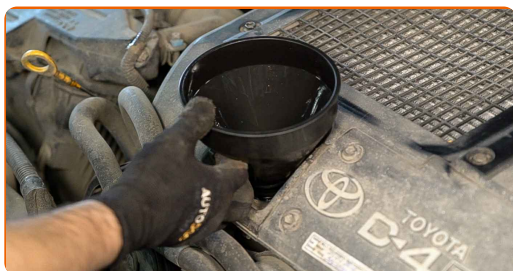
**18** Lubricate the rubber seal of the new filter with a little amount of fresh oil.



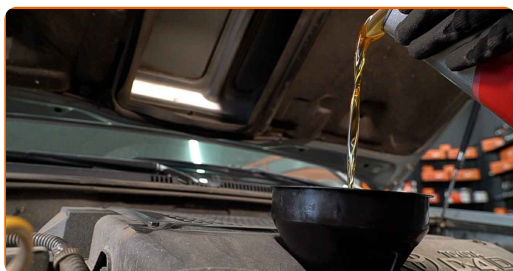
**19** Screw the new filter into its place. Use the 76-14F socket. Use a torque wrench. Tighten it to 20 Nm torque.



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



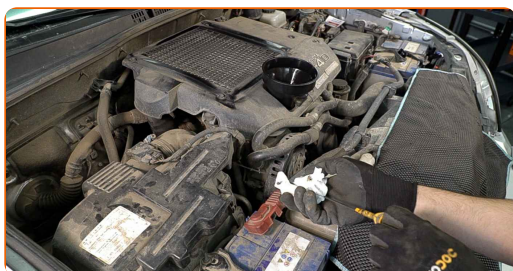
**21** Pour new oil into the engine in the amount recommended by the car manufacturer.



Replacement: engine oil and filter – TOYOTA HIACE IV Box (LXH1\_, RZH1\_, LH1\_). 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.

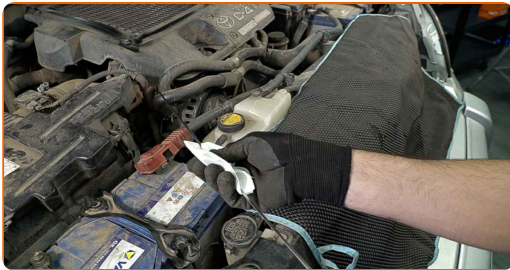


**23** Tighten the oil filler cap.



**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 HIACE IV Box (LXH1\_, RZH1\_, LH1\_). 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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