



How to change engine oil  
and filter on **HONDA**  
**Odyssey (RL3, RL4)** –  
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:  
HONDA Odyssey (RL3, RL4) 3.5 EXi Vtec

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: HONDA Accord VIII Saloon (CU) 2.4 i (CU2)

REPLACEMENT: ENGINE OIL AND FILTER – HONDA ODYSSEY (RL3, RL4). TOOLS YOU MIGHT NEED:



- Wire brush
- Oil filter cup socket 76/14-F
- Impact socket №10
- Impact socket №17
- Ratchet wrench
- Torque wrench
- Oil drain pan
- Funnel
- Fender cover

[Buy tools](#)

**AUTODOC recommends:**

- 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 – HONDA ODYSSEY (RL3, RL4). 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** Unscrew the oil filler plug.



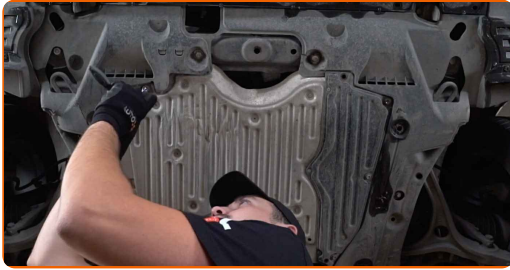
**4** Lift the car using a jack or place it over an inspection pit.

**Replacement: engine oil and filter – HONDA Odyssey (RL3, RL4). 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.

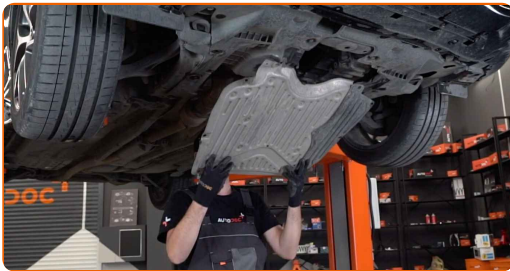
5

Unscrew the fasteners of the lower sound insulation. Use a drive socket #10. Use a ratchet wrench.



6

Remove the lower sound insulation.



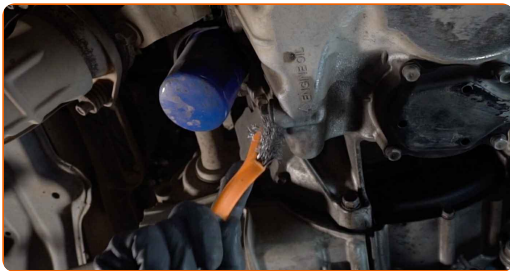
7

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



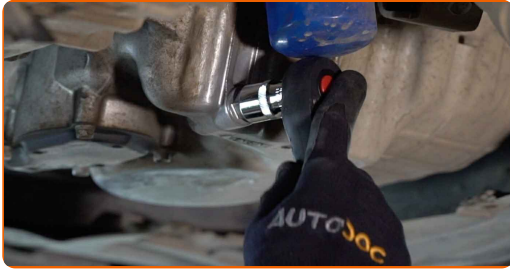
8

Clean the area of the oil pan drainage hole. Use a wire brush.



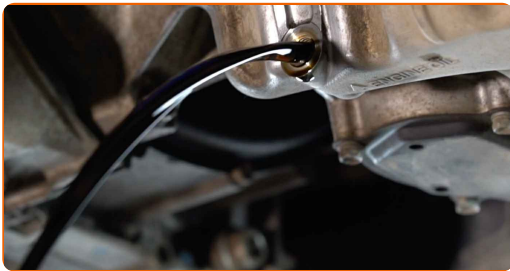
9

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



10

Drain the used oil.



Replacement: engine oil and filter – HONDA Odyssey (RL3, RL4). Tip:

- Caution! The oil may be hot.

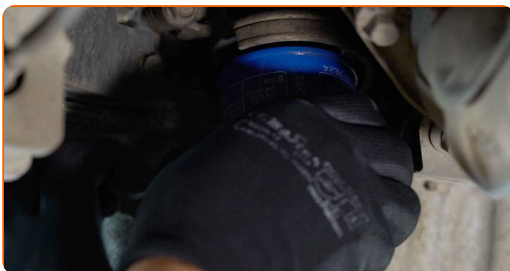
11

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



12

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



Replacement: engine oil and filter – HONDA Odyssey (RL3, RL4). Professionals recommend:

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

13

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



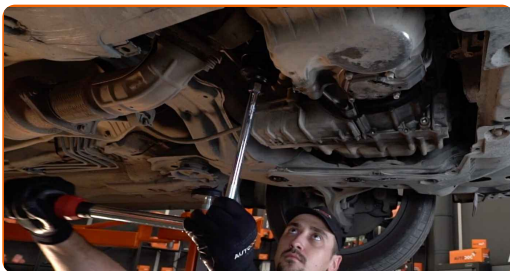
14

Clean the oil filter seat.



15

Screw the new filter into its place. Use the 76/14-F socket. Use a torque wrench. Tighten it to 22 nm torque.



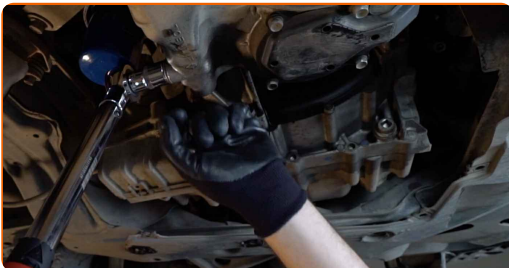
Replacement: engine oil and filter – HONDA Odyssey (RL3, RL4). AUTODOC recommends:

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

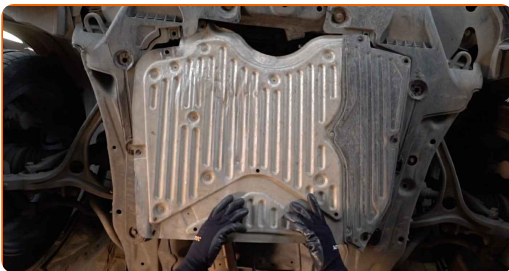
**16** Clean the area of the oil pan drainage hole.



**17** Screw in the new drainage plug and tighten it. Use a drive socket #17. Use a torque wrench. Tighten it to 38 nm torque.



**18** Install the lower sound insulation.



**19** Screw in the fasteners of the lower sound insulation. Use a drive socket #10. Use a ratchet wrench.



**20** Lower the car.



21 Remove the oil filler cap. Insert the funnel.



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



Replacement: engine oil and filter – HONDA Odyssey (RL3, RL4). Tip from AUTODOC:

- Use the oil recommended by the manufacturer.

23 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.

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.



Replacement: engine oil and filter – HONDA Odyssey (RL3, RL4). AUTODOC experts recommend:

- 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 – HONDA Odyssey (RL3, RL4). Tip from AUTODOC:

- 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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