



First-gen Honda Odyssey Oil and filter change

Change the oil on a first generation RA type Honda Odyssey minivan with the 2.3L four-cylinder engine

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 **TOOLS:**

- 23mm wrench or socket (1)
- Oil filter pliers or socket (1)
- Hydraulic Floor Jack (1)
- Jack Stands (1)
- Cardboard or Shop creeper (1)
- Oil Drain Pan (1)
- Funnel (1)
- Shop Towels or Rags (1)

 **PARTS:**

- Oil Filter (1)
- Engine Oil (1)

Step 1 — Oil and Oil filter



- We'll be changing the oil and filter on my JDM-import 1999 Honda Odyssey with the 2.3L four-cylinder engine

Step 2 — Jacking up the vehicle



- Thankfully this car has a centre lift point at the front of the subframe at the tow-hook
- I just used the normal pinch welds to put the jack-stands under

Step 3



- Open up the bonnet/hood for more light under the vehicle
- I like to use cardboard to climb under the car

Step 4 — Drain the oil pan



- Position your drain pan, the drain bolt faces towards the rear of the oilpan
- On this 1999 Odyssey it was a 23mm drain bolt

Step 5 — Remove old oil filter



- One of the hardest parts of this procedure
- Honda put the oil filter mounting on the back of the engine block under the intake manifold
- You have to reach past the subframe, exhaust, and axle
- I like to use oil-filter pliers, but there are a few different tools that can be used
- Check to **make sure** the gasket came off with the old filter and did not get left behind on the block

Step 6 — Install a new oil filter



- I used a JS Asakashi C-307J, (made in Japan)
- I can order them shipped from Singapore cheaper then I can buy locally from Repco or Supercheap here in New Zealand
- Oil up the gasket on the new filter
- Clean the mounting plate on the block with your rags

Step 7 — Check your work



- If you've not already, put the drain bolt back in
- Tighten the new oil filter 3/4 of a turn after it touches the block
- Tighten the drain bolt without breaking it off :)
- Clean around the filter and bolt with a rag so you can see any leaks

Step 8 — Lower the car



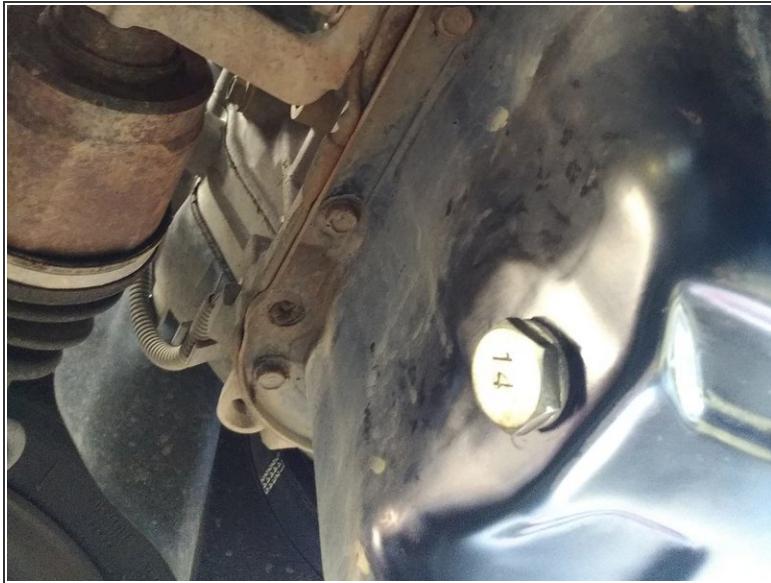
- Remove your cardboard and tools
- Lift the car again from the centre lift point with your hydraulic jack
- Pull the jack-stands out from each side
- Carefully lower the car to the ground, leveling it for filling

Step 9 — Fill the car



- In the photo, the red circle is the oil fill point, and the yellow circle is the dipstick
- I used Nulon 10W-40 full synthetic
- I needed about 4.5L or so to fill
- I like to use a stubby wide-mouth funnel
- Pour large oil bottles sideways to reduce the blub-blub effect

Step 10 — Check for leaks and re-check level



- Run the engine for about 10 seconds to fill up the filter and oil galleries
- Turn the engine off and check for leaks
- Check the level using the dipstick and a rag again, it should have gone down a bit due to the oil filter filling up
- Top up the level to the upper range of the dipstick

Servicing done!