2004-2009 Lexus RX - Oil and Filter Change

2004-2009 Lexus RX | Easy | 30-45 minutes | $47 DIY

TOOLS

14mm socket and ratchet Oil filter wrench (spin-on type) Oil drain pan (6+ quart capacity) Funnel Shop towels Jack and jack stands or ramps Gloves and safety glasses

PARTS

Engine oil (5W-30, 5.0 qt per owner's manual) $34.00
Spin-on oil filter (correct for 2004-2006 RX330 3.3L V6) $11.00
Drain plug crush washer $2.00

STEPS

1. **Warm the engine and lift the RX - Idle the 3.3L V6 for a couple of minutes so the oil** drains fast. Park on flat ground, set the parking brake, and raise the front on ramps or jack stands for working room.
2. **Remove the drain plug and drain the oil - Slide the drain pan under the oil pan and** loosen the 14mm drain plug. Finish removing it by hand with upward pressure, then let all five quarts flow out until the stream turns to drips.
3. **Reinstall the drain plug - Clean the plug and the pan surface, install a new crush** washer, and thread the plug in by hand. Snug it with the 14mm socket, taking care not to overtighten the soft aluminum threads.
4. **Locate the spin-on oil filter - The 3MZ-FE uses a conventional spin-on filter mounted on** the front side of the engine. Move the drain pan beneath it, since oil will spill when the filter breaks loose.
5. **Remove the old filter - Grip the filter with an oil filter wrench and turn** counterclockwise. Spin it off by hand once loose, keeping it upright, and check that the old rubber gasket came off with it and is not stuck to the engine.
6. **Prep and install the new filter - Smear fresh oil on the new filter's rubber gasket with** your fingertip. Thread it onto the mount by hand until the gasket touches, then tighten about three-quarters of a turn more - no wrench needed.
7. **Add five quarts of 5W-30 - Lower the RX to level ground and remove the oil filler cap.** Pour in 5.0 quarts of 5W-30 through a funnel, then check the dipstick and top up slightly if needed without exceeding the full mark.
8. **Check for leaks and reset the light - Start the engine and look underneath for drips at** the plug and filter for about a minute. Turn it off, recheck the level after two minutes, and reset the maintenance-required reminder on the dash.

ezcarfix.com