2016-2022 Lexus RX 350 - Change Oil

2016-2022 Lexus RX | Moderate | 45 minutes | $40 DIY

TOOLS

14mm Socket 3/8-inch Drive Ratchet Oil Filter Wrench Drain Pan Funnel Torque Wrench Gloves Rags Creeper or Jack Stands Oil Filter Cap Wrench

PARTS

Engine Oil (0W-20 Synthetic) $30.00
Oil filter cartridge element kit (with O-rings) 04152-YZZA1 $10.00
New oil drain plug gasket

STEPS

1. **Prepare (cartridge filter!) - The 2016-2022 RX 350 (4th gen AL20, 3.5L 2GR-FKS V6) takes** 0W-20, 5.7-5.8 quarts. CRITICAL: CARTRIDGE filter (not spin-on) - 04152-YZZA1 element kit and cap wrench. You'll need: 6 quarts, 14mm socket. Capacity: 5.8 qt WITH tow packag...
2. **Drain the Old Oil - Remove the underbody panel for drain plug access. Position the drain** pan under the 14mm drain plug and remove it. The 5.7-5.8 qt sump takes a while - ensure your pan holds 6+ quarts. While it drains, locate the cartridge filter housing...
3. **Replace Cartridge (don't crack the cap!) - Remove the plastic cartridge housing cap with** the correct cap wrench - the plastic cap is known to CRACK, so don't overtighten. Remove the old cartridge (04152-YZZA1), install the new element with the O-ring properly seated, and reinstal...
4. **Reinstall Drain Plug (30 Nm / 22 ft-lb) - Reinstall the drain plug with a NEW gasket and** torque to 30 Nm (22 ft-lb). Use an OE drain plug. Don't over-tighten - 30 Nm (22 ft-lb) with a fresh gasket is the spec.
5. **Add 5.7 or 5.8 Quarts (check tow pkg!) - Add 0W-20: 5.8 quarts with the tow package, 5.7** without. Check the dipstick - it should read at the full mark. Don't overfill - the 0.1 qt matters on the dipstick.
6. **Check Level and Leaks - Start the engine and check for leaks (cartridge housing and drain** plug), then recheck the level after 30 seconds - the cartridge absorbs oil. Top up if needed. Lexus interval: 10,000 miles / 12 months with synthetic.

TORQUE

Oil Drain Plug 30 Nm 22 ft-lbs
Oil Filter Housing 25 Nm 18 ft-lbs

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