2007-2017 Lexus LS - Oil and Filter Change

2007-2017 Lexus LS | Moderate | 45-60 minutes | $64 DIY

TOOLS

14mm socket and ratchet 64mm oil filter cap wrench (cartridge housing) Large oil drain pan (10+ quart capacity) Funnel Shop towels Jack and jack stands or ramps Torque wrench Gloves and safety glasses

PARTS

Engine oil (0W-20, quantity per owner's manual, approx 9.5 qt with filter) $56.00
Cartridge oil filter element with o-rings $6.00
Drain plug crush washer $2.00

STEPS

1. **Warm the V8 and raise the LS - Run the 4.6L V8 for 2-3 minutes so the large oil volume** drains freely. Park on a level surface, set Park and the parking brake, then lift the front onto ramps or sturdy jack stands.
2. **Remove the under-engine cover - Unbolt the plastic splash shield beneath the engine using** a socket. Lower it away and place it where it will stay clean while you work above it.
3. **Drain the crankcase - Set a large drain pan under the sump, since the LS460 holds nearly** ten quarts. Break the 14mm drain plug loose, unthread it by hand with inward pressure, and let the oil empty completely.
4. **Reinstall the drain plug - Wipe the plug and sealing surface, then fit a new crush** washer. Thread the plug in by hand to protect the aluminum pan threads, then tighten it with the 14mm socket.
5. **Open the cartridge filter housing - Locate the plastic filter housing on the engine and** seat the 64mm cap wrench on it. Turn counterclockwise and lower the housing carefully, as it traps a good amount of oil inside.
6. **Fit the new element and seals - Remove the spent element and the old o-ring from the** housing groove. Lubricate the new o-ring with clean oil, place it in the proper groove, mount the new element on the stem, and reinstall the housing.
7. **Refill the engine with 0W-20 - Refit the undercover and lower the LS to level ground.** Remove the filler cap and pour in the full specified quantity of 0W-20 through a funnel, verifying the level on the dipstick as you finish.
8. **Leak-check and reset the service reminder - Start the engine, watch the drain plug and** housing for any drips for about a minute. Shut down, wait two minutes, confirm the dipstick level, and reset the oil service reminder in the multi-information display.

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