2018-2024 Volvo XC60 - Engine Oil & Filter Change

2018-2024 Volvo XC60 | Moderate | 30-60 minutes | $57 DIY

TOOLS

Floor jack or ramps and rated jack stands if needed Oil-drain pan, funnel, gloves, and eye protection Socket or wrench for the drain plug and oil-filter tool
Calibrated torque wrench and shop towels

PARTS

Engine Oil (0W-20) $45.00
Correct engine oil filter and drain-plug washer for 2018-2024 Volvo XC60 $12.00

STEPS

1. **Confirm oil specification and make the vehicle safe - The 2.0L VEA (T5/T6) needs 0W-20** synthetic to Volvo spec VCC RBS0-2AE - no generic 5W-30 (causes carbon buildup). Cartridge element in a top-of-engine plastic housing. Check for DIAMOND STAMP (2019+ style) or old style (OE 31410832) befo...
2. **Warm briefly and protect the work area - Warm until the oil flows freely, then shut off.** Remove the fill cap; place a pan under the sump. Have a new aluminum crush washer and a filter cap wrench ready - cheap cup tools slip and crack plastic housings.
3. **Drain the used oil and replace the filter - Drain fully; reinstall the plug with the NEW** aluminum crush washer, snug - don’t overtighten. Remove the cartridge cap, swap the element, and fit the new O-ring oiled. Refit the cap firmly by hand - impact tightening cracks the housing.
4. **Install the correct oil quantity - Add 0W-20 in stages - roughly five and a half quarts** total; do NOT pour it all in. No dipstick on the XC60: check the electronic oil gauge after adding most. Keep the fill area clean; refit the cap tightly.
5. **Check level, leaks, and service reminder - Start the engine; check the plug and housing** for leaks. Drive 20-30 miles to calibrate the gauge. Park level, wait 30 minutes, read the gauge - add in small amounts (each segment ?250ml) if low. Reset service reminder; log mileage.

TORQUE

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