2016-2024 Volvo XC90 - Oil Change

2016-2024 Volvo XC90 | Easy | 1 hour | $50 DIY

TOOLS

17mm Socket Wrench Oil Filter Wrench Funnel Oil Drain Pan Torque Wrench Jack Stands Flathead Screwdriver Rubber Gloves Safety Glasses Rags

PARTS

Engine Oil (0W-20 Fully Synthetic) $30.00
Oil filter cartridge element kit (with O-rings) 32140029 $15.00
Drain Plug Washer $5.00

STEPS

1. **Prepare (0W-20, no dipstick!) - The 2016-2024 Volvo XC90 oil change: 2.0L Drive-E (T6** twincharged - supercharged + turbocharged). Oil: 0W-20. Capacity: 5.6-5.9 L service fill. You'll need: 0W-20 (buy 6+ litres - you'll use ~5.9), cartridge filter, drain pan, funn...
2. **Drain the Old Oil - Position the drain pan, remove the drain plug, and let the oil drain** completely - expect about 5.9 litres. Drain plug torque was not verified: check the service data rather than guessing. The twincharged engine's oil may run darker than...
3. **Replace Cartridge Filter - Remove the cartridge filter housing on top of the engine - the** 2.0L uses a cartridge, not a spin-on. Replace the element and O-rings; use an OE-grade cartridge, since the twincharged engine works its filter hard.
4. **Reinstall Drain Plug - Reinstall the drain plug with a new washer if applicable. Torque** was not verified - check the service data rather than guessing; the aluminum pan needs the correct torque.
5. **Add ~5.9L of 0W-20 - Add about 5.9 litres of 0W-20 through the filler cap - the T6's** service fill is 5.6-5.9 L, so do not overfill. Use ONLY 0W-20. Pour carefully: with no dipstick there is no easy double-check.
6. **Electronic Level Check, Done - Start the engine - check for leaks. Check the oil level** ELECTRONICALLY via the infotainment system (no dipstick). The XC90's electronic check is the procedure - follow the owner's manual. The level should be in the normal range. The NO...

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