2007-2013 Chevrolet Avalanche - Engine Oil & Filter

2007-2013 Chevrolet Avalanche | 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 (5W-30) $45.00
Correct engine oil filter and drain-plug washer for 2007-2013 Chevrolet Avalanche $12.00

STEPS

1. **Confirm the 5.3L specs - Park on level ground, set the brake, chock the wheels. The 5.3L** V8 (LMG/LC9) takes 6.0 quarts of 5W-30 with a filter change. You usually have enough clearance; use ramps or jack stands if needed - never a jack alone.
2. **Warm up and find the hidden filter - Warm the engine, switch off, and remove the fill cap** to vent the crankcase. The filter sits at the LEFT REAR of the engine, driver's side, left of the drain plug, recessed in the cast pan. Bring a work light.
3. **Drain the oil at 18 ft-lbs - Remove the drain plug by hand and let the oil drain fully** for several minutes. Reinstall at 18 ft-lbs, always starting by hand to protect the aluminum pan threads. Wipe the pan clean so seepage is easy to spot later.
4. **Swap the spin-on filter - check for a stuck gasket - Loosen the filter, spin off by hand.** Check the gasket came off with it - it frequently sticks to the block, and doubling gaskets causes a massive leak. Oil the new gasket, thread to contact by hand, then 3/4 turn.
5. **Refill 6 quarts and verify - Pour in 6.0 quarts of 5W-30, reinstall cap. Run engine 30** seconds, switch off, wait two minutes, check dipstick to full mark. Inspect for drips at plug and filter. Reset the oil-life monitor; log mileage and date.

TORQUE

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