2014-2019 Chevrolet Corvette - Oil and Filter

2014-2019 Chevrolet Corvette | Moderate | 60-90 minutes | $72 DIY

TOOLS

Lift or ramps (must stay level) Wrench set Oil-filter wrench Large drain pan (11+ quart) Funnel Rags Gloves

PARTS

5W-30 dexos engine oil (9.8 quarts) $58.00
Spin-on oil filter $14.00

STEPS

1. **Warm the dry-sump system thoroughly - Drive the C7 Corvette for at least 10 minutes - the** dry-sump oil must reach full operating temperature (over 175F) so it drains from the tank, lines, and pan. Park on a perfectly level surface and shut it off. Have 10 quarts of 5W-30 d...
2. **Lift the Corvette evenly - The C7 needs to stay level for the dry sump to drain, so lift** all four corners on a lift or drive onto ramps - do not tilt it on a single jack. Remove the underbody access panel if your model has one covering the drains. Set the parking...
3. **Drain the oil pan plug - Locate the first drain plug on the bottom of the oil pan.** Position the drain pan underneath, remove the oil fill cap to vent, then loosen the plug with a wrench and remove it by hand.
4. **Drain the dry-sump tank plug - Find the second drain plug on the external dry-sump oil** tank (mounted low on the driver's side). The tank holds several quarts - wait until both streams slow to drips, about 15 minutes total.
5. **Replace the spin-on filter - The oil filter is a spin-on filter accessible from below** near the pan. Loosen it with a filter wrench and spin it off by hand. Clean the mounting surface, confirm the old gasket came off, oil the new gasket, and install hand-tight plus thr...
6. **Reinstall both plugs and refill - Thread both drain plugs in by hand and snug them with** the wrench - there are two, do not forget the tank plug. Pour in 9.8 quarts of 5W-30 through the fill tube.
7. **Check the dry-sump level correctly - This is critical: on a dry-sump C7, the oil level is** checked with the engine warm and RUNNING, not off. Start the engine, let it idle for a minute, then check the dipstick - it should read in the crosshatched zone. Add small amounts if l...
8. **Inspect for leaks and check the level - With the engine running, look underneath at both** drain plugs and the filter for any drips. Lower the car and take a short drive, then recheck the warm-running level once more.

ezcarfix.com