# 2019-2024 Infiniti QX50 - Engine Oil & Filter

**2019-2024 Infiniti QX50 | 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 2019-2024 Infiniti QX50 $12.00

## STEPS

1. **Confirm oil specification and make the vehicle safe - The QX50’s 2.0L VC-Turbo takes 5.0** quarts with a new filter, full synthetic REQUIRED; the variable-compression mechanism depends on it. Check your filler cap: 2019-2020 models specify 5W-30, later models 0W-20. The spin-on filter is undern...
2. **Warm briefly - Idle two to three minutes. From below, locate the filter and confirm your** wrench fits; the undertray area is tight. Remove the oil filler cap so the crankcase vents. Have a torque wrench ready for the drain plug’s spec range.
3. **Drain the used oil and replace the filter - Loosen the drain plug and finish by hand.** Reinstall with a NEW crush washer and tighten to 22-29 ft-lbs; use the torque wrench. Spin off the old filter from underneath, keeping it upright because it holds oil.
4. **Install the correct oil quantity - Pour in 4.5 quarts, wait a full minute, then top up to** 5.0 quarts. The VC-Turbo is sensitive to level and viscosity: fill to the full mark and not a drop above, since overfilling affects the variable-compression hydraulics.
5. **Check level and leaks - Check the dipstick twice. The level should sit at the full mark,** never above. Start and idle 30 to 60 seconds; check the oil-pressure warning and look underneath for drips. Shut off, wait two minutes, and recheck.

## TORQUE

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