2019-2024 Cadillac XT4 - Check Engine Light / OBD2

2019-2024 Cadillac XT4 | Easy | 15-30 minutes | $25 DIY

TOOLS

OBD-II scanner compatible with the vehicle
Flashlight Notebook or phone for codes and freeze-frame data Safety glasses

PARTS

OBD2 scanner $25.00

STEPS

1. **Confirm warning severity - Steady or flashing? Steady with a normally-running 2.0T is** non-urgent - schedule soon. Flashing means active misfire: raw fuel is hitting the exhaust and can destroy the catalytic converter in minutes. Ease off, pull over, and tow it.
2. **Connect the OBD-II scanner - With the car off, connect to the 16-pin port under the** driver's dash near the column - trapezoidal, no force needed. Bring a live-data reader if possible: fuel trims, boost pressure, and oxygen-sensor graphs reveal far more than the code...
3. **Read and record codes - Save all codes and freeze-frame data before clearing. The 2.0T** usually logs EVAP small leaks (often the fuel cap), O2-sensor and MAF faults, misfires, or P0420. Also watch for boost leaks: unmetered air from the charge plumbing skews fuel...
4. **Check the likely cause - Work outward from the code: EVAP means reseating the cap and** checking seals and hoses; lean/MAF means intake and charge-air leaks plus a possibly dirty MAF; misfires mean plugs and coils. Always test before replacing: the code names the sy...
5. **Repair and verify - Keep the fuel tank between about one-quarter and three-quarters full** so the EVAP monitor is allowed to test. Rescan when done - if the code comes back, the root fault was not actually fixed, and the diagnosis needs another round.

TORQUE

ezcarfix.com