2015-2022 Chevrolet Trax - Check Engine Light /

2015-2022 Chevrolet Trax | 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 - Note whether the light is steady or flashing. A flashing light** signals a severe misfire that can overheat the catalytic converter in minutes - back off the throttle, pull over safely, and stop driving rather than continuing.
2. **Connect the OBD-II scanner - With the Trax off, find the 16-pin diagnostic connector** under the driver's-side dashboard by the steering column - the trapezoidal socket takes a standard OBD-II plug with gentle pressure. Switch the ignition ON (engine off) and connect...
3. **Know the 1.4T PCV failure pattern - The 1.4T Trax shares the well-documented PCV failure** pattern of this engine family - a ruptured valve-cover diaphragm setting P0171, sometimes with P0106, P1101, P0299, or P2096 - and GM covered it in service bulletin PIP5197K.
4. **Check the likely cause - Inspect the intake-manifold check valve and the corrugated PCV** hose to the turbo for cracks, and make sure the dipstick itself is fully seated, since a poor seal can skew the readings. Test, don't guess.
5. **Repair and verify - Recheck fuel trims at idle and cruise - trims settling near zero** confirm the vacuum leak is truly fixed. If P0171 returns, the PCV fault or another intake leak is still present and the inspection needs another pass.

TORQUE