2019-2024 Chevrolet Blazer | 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. **Read the warning before driving on - Start the 2019-2024 Chevrolet Blazer and note the** check-engine lamp: steady means a stored fault to diagnose soon, flashing means an active misfire, so lift off and pull over safely to protect the catalytic converter. Note whether the engi...
2. **Plug the scanner into the OBD port - Turn the ignition off and find the 16-pin OBD-II** port under the driver's-side dashboard, left of the steering column on the 2019-2024 Chevrolet Blazer. Seat the scanner plug straight in without forcing it, then turn the ignition to ON (eng...
3. **Scan codes, freeze-frame, and live PIDs - Run a full scan on the 2019-2024 Chevrolet** Blazer and record confirmed, pending, and permanent codes with freeze-frame (RPM, load, coolant temp, speed). Common faults include P0496 EVAP purge valve stuck open, P0455/P0456 EVAP leaks, P0299...
4. **Check the known failure points - For P0496 on the 2019-2024 Chevrolet Blazer, note the** telltale hard starting right after refueling, then test the purge valve, which should be sealed when unpowered. For P0299 on the 2.0L, inspect charge-air hoses and clamps for splits. Fo...
5. **Fix, clear, and verify over a drive cycle - Repair the confirmed cause on the 2019-2024** Chevrolet Blazer, then clear codes with the scanner rather than disconnecting the battery and losing learned values. Run a GM-style drive cycle: cold start, a few minutes of idle with the A/C on,...

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