2015-2023 Jeep Renegade - Check Engine Light / OBD2

2015-2023 Jeep Renegade | 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 - A flashing light means a misfire that damages the catalytic** converter - pull over and shut off. On the 2.4L, check the dipstick: oil consumption means low oil is behind many warning lights. A steady light is usually an emissions or senso...
2. **Connect the OBD-II scanner - With the ignition off, plug the scanner into the 16-pin** connector under the driver's-side dash. Turn the ignition to ON with the engine off and confirm it talks to the powertrain module. A generic OBD-II reader covers codes on the 2.4L and...
3. **Read and record codes - Log every code plus freeze-frame data before clearing anything.** Common patterns: P0456/P0455 EVAP leaks (ESIM switch), P0300-P0304 misfires, P0420, P0128, P1067 and MultiAir codes on the 1.4L (oil level and viscosity first), and P0335. F...
4. **Check the likely cause - For EVAP: fuel cap seal, filler neck, ESIM switch, canister** hoses; smoke-test stubborn ones. For MultiAir on the 1.4L: oil level and viscosity first (hydraulically actuated); actuator replacement is shop work. For P0128: coolant PID platea...
5. **Repair, clear, and verify - Clear codes and run the Chrysler/Jeep drive cycle: cold** start, brief idle, 40-55 mph cruise, tank 1/4-3/4 full, overnight cold soak. Rescan to confirm the monitors set. See a professional for actuator faults, flashing misfires, oil consump...

TORQUE

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