2022-2024 Ford Maverick - Check Engine Light / OBD2

2022-2024 Ford Maverick | 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 - Check whether the light is steady or flashing. A flashing** light means a severe misfire that can overheat and destroy the catalytic converter: ease off, pull over safely, and stop driving rather than continuing.
2. **Connect the OBD-II scanner - Turn the ignition ON - or bring a hybrid model to READY -** and connect. A reader with live data is ideal: EVAP purge/vent status, fuel-tank pressure, fuel trims, and misfire counters decode this truck's common faults.
3. **Note whether the light appeared right after a fill-up - Ford has also documented a** hybrid-model EVAP fault (SSM 53601, code P2450) that can be triggered by overfilling the fuel tank - so note whether the light appeared right after a fill-up, and stop fueling at the pump's first click.
4. **Check the likely cause - For EVAP codes that persist, trace the EVAP hoses for cracks or** kinks and check the purge and vent solenoids; for lean codes, look for intake leaks and a dirty MAF sensor; for misfires, inspect the indicated cylinder's plug and coil.
5. **Repair and verify - Rescan when done - a returning code means the root fault is still** present. If the light first appeared after overfilling, the next few fill-ups without topping off are the real-world confirmation that the fix held.

TORQUE