

2015-2020 Ford F-150 | Easy | 15 minutes | \$20 DIY

TOOLS

OBD2 scanner Pen and paper

STEPS

- 1 Locate the OBD2 port - Find the OBD2 diagnostic port under the dashboard on the driver side.** It is a 16-pin trapezoidal connector.
- 2 Plug in the scanner - With the key off, plug the OBD2 scanner into the port.** Turn the key to ON (or start the engine) and let the scanner read.
- 3 Read and record the codes - Note every code (e.g., P0300, P0420) and the freeze-frame data (RPM, load, temp).** Write them down before clearing anything.
- 4 Research the codes - Look up each code for your specific make and model.** Common codes include P0300 (misfire), P0420 (catalyst), and EVAP codes (gas cap, purge valve).
- 5 Plan the fix - Start with the basics: gas cap click-tight, visual for unplugged sensors, oil-soaked plugs.** If one cylinder misfires, swap that coil with a neighbor and see if the code follows.