

2011-2014 Ford Explorer | Moderate | 1 hour | \$50 DIY

TOOLS

10mm Socket Ratchet 5/16 Inch Socket
Trim Tool Set Safety Glasses

PARTS

Vapor Canister Purge Valve TRQ EVA47776
\$47.95

STEPS

- 1 Confirm the code and locate the purge valve - On the 2011-2014 Ford Explorer 3.5L:** scan for EVAP codes (often P0441/P0443/P0496). Locate the purge valve - typically on or near the intake manifold or in the engine bay EVAP lines. Work on a cool engine. Disconnect the negative battery...
- 2 Disconnect electrical and vacuum/vapor lines - On the 2011-2014 Ford Explorer 3.5L:** unplug the electrical connector. Label and disconnect the vapor/vacuum hoses; note routing so lines are not swapped. Expect a small amount of fuel vapor - work in a well-ventilated area away from spar...
- 3 Remove the old purge valve - On the 2011-2014 Ford Explorer 3.5L:** unbolt or unclip the purge valve from its bracket. Compare the new valve to the old one - port sizes and connector shape must match. Inspect hoses for cracks or soft spots and replace if damaged.
- 4 Install the new purge valve - On the 2011-2014 Ford Explorer 3.5L:** mount the new valve, reconnect hoses fully seated with clamps if equipped, and plug in the connector until it clicks. Route wiring clear of hot manifolds and sharp edges.
- 5 Clear codes and verify readiness - On the 2011-2014 Ford Explorer 3.5L:** reconnect the battery if removed. Clear EVAP codes with a scan tool. Start the engine and check for hissing or fuel smell at the valve. Confirm the purge command operates if your scanner can bi-directio...
- 6 Confirm the repair with a drive cycle - On the 2011-2014 Ford Explorer 3.5L:** drive through a typical drive cycle so EVAP monitors can run. Recheck for pending codes and verify the check-engine light stays off. Re-inspect hose connections after the first heat cycle.

TORQUE

Purge valve mounting bolt 10 Nm 89 ft-lbs