

P0455: EVAPORATIVE EMISSION CONTROL SYSTEM LEAK DETECTED (NO PURGE FLOW OR LARGE LEAK)

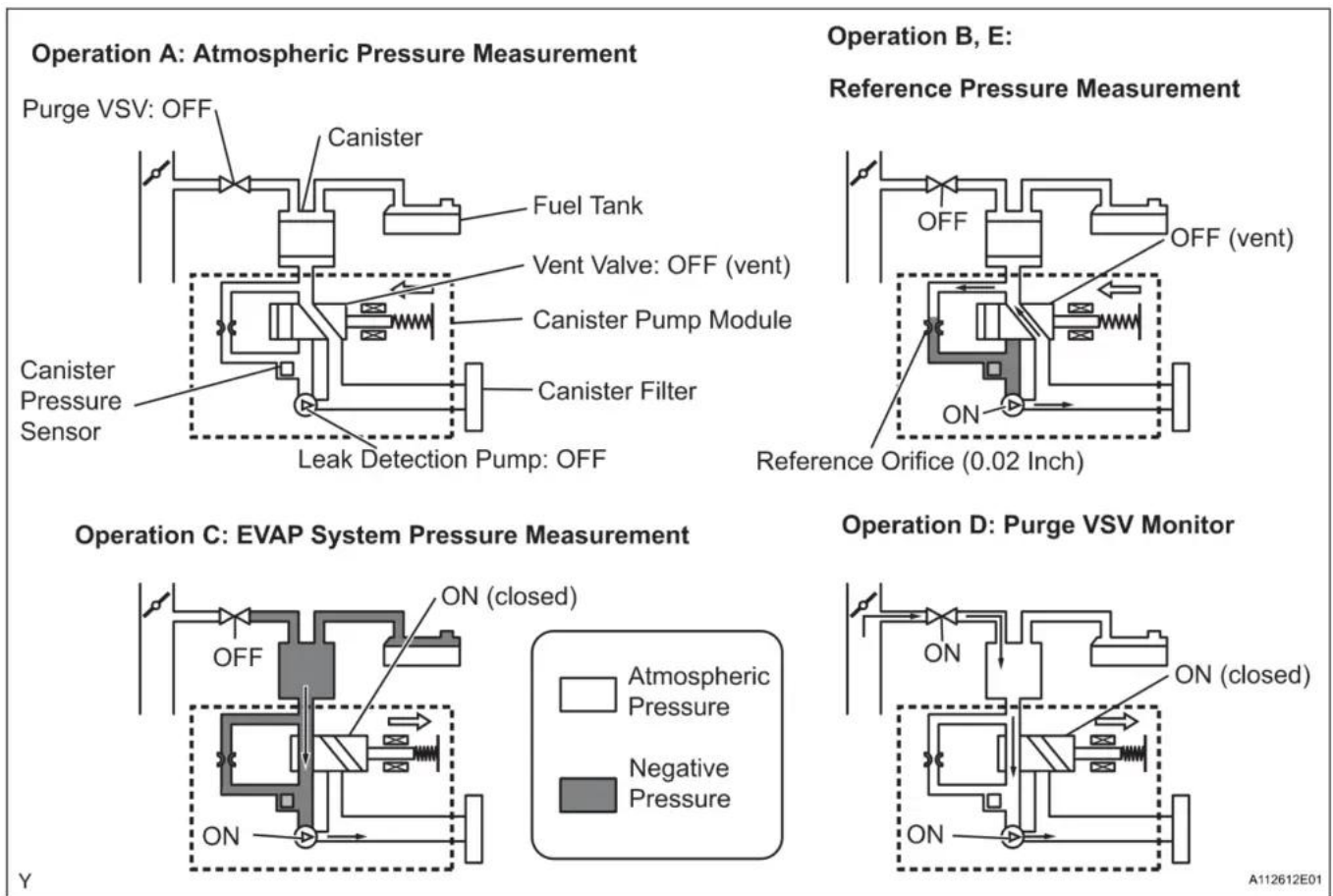
OVERVIEW

Severity	:	Medium
DIY Difficulty Level	:	Intermediate
Repair Cost	:	\$200-\$600
Can I Still Drive?	:	Yes (Short-term only)

What Does The P0455 Code Mean?

This indicates a fuel vapor leak or lack of purge flow in the EVAP control system. It means a large leak has been detected.

The (EVAP) emission control system prevents the escape of fuel vapors from a vehicle's fuel system. Fuel vapors are routed by hoses to a charcoal canister for storage. Later, when the engine is running a purge control valve opens allowing intake vacuum to siphon the fuel vapors into the engine.



P0455 wiring diagram

Related evaporative emission trouble codes include [P0450](#), [P0451](#), [P0452](#), [P0453](#), [P0454](#), [P0456](#), [P0457](#), [P0458](#), and [P0459](#).

What Are The Symptoms Of The P0455 Code?

You likely won't notice any drivability problems.

What Are The Potential Causes Of The P0455 Code?

A code p0455 most likely means one or more of the following has happened:

- A loose or improperly affixed gas cap
- A non-conforming gas cap (i.e. not factory/original brand)
- Other leak or damaged piece in EVAP system

How Can You Fix The P0455 Code?

With a P0455, the most common repair is to:

- Remove and reinstall the gas cap, clear the codes, and drive for a day and see if the codes come back.
- Otherwise, replace the gas cap
- Inspect the EVAP system for cuts/holes in tubes/hoses (you may hear a vacuum noise or smell fuel), repair if necessary

Other EVAP DTCs: [P0440](#)– [P0441](#)– [P0442](#)– [P0443](#)– [P0444](#)– [P0445](#)– [P0446](#)– [P0447](#)– [P0448](#)– [P0449](#)– [P0452](#)– [P0453](#)– [P0456](#)

Reference Sources

[Diagnostic Trouble Code \(DTC\) Charts and Descriptions for P0455](#) - Page 73.