

FORD P144A: EVAP SYSTEM PURGE VAPOR LINE RESTRICTED/BLOCKED

OVERVIEW

Severity	:	Medium
DIY Difficulty Level	:	Intermediate
Repair Cost	:	\$150-\$300
Can I Still Drive?	:	Yes

What Does The Ford P144A Code Mean?

The PCM monitors the evaporative emission (EVAP) system for a restricted fuel vapor tube between the fuel tank pressure (FTP) sensor and the fuel tank. During the initial phase of the EVAP monitor, the PCM closes the canister vent and a vacuum develops in the fuel vapor tubes and lines and in the fuel tank. The PCM monitors the FTP sensor to determine the amount of vacuum and how quickly the vacuum increases. The rate at which the vacuum increases is compared to an expected value. If the vacuum increases quicker than expected, a restricted fuel vapor tube is suspected and an intrusive test is carried out in the final phase of the EVAP monitor. This DTC sets when the intrusive test confirms a blockage a counter is incremented and the counter reaches a calibrated number of completions.

What Are The Symptoms Of The Ford P144A Code?

Check engine light

What Are The Potential Causes Of The Ford P144A Code?

- Restricted fuel vapor tube between the FTP sensor and the fuel tank
- EVAP purge valve stuck partially open

How Can You Fix The Ford P144A Code?

Check the fuel vapor tube for blockage between the FTP sensor and the fuel tank.

Reference Sources

[2016 Powertrain Control Emissions Diagnosis Gasoline Engines](#) - Section 4: Powertrain DTC Charts and Descriptions, P144A, pages 148-149.