

## INFINITI P1491: EVAP VACUUM CUT VALVE/BYPASS RANGE/PERFORMANCE:

### OVERVIEW

Severity	:	<div><div>Medium</div></div>
DIY Difficulty Level	:	<div><div>Intermediate</div></div>
Repair Cost	:	\$100-\$400
Can I Still Drive?	:	Yes

### What Does The Infiniti P1491 Code Mean?

Engine started, ECT sensor signal from 41-86°F, engine at idle speed or 70 seconds, and the PCM detected the Vacuum Vent Cut Valve/Bypass Valve did not operate properly during the CCM test.

### What Are The Potential Causes Of The Infiniti P1491 Code?

- EVAP vacuum cut bypass valve is damaged or has failed
- EVAP vacuum cut valve is damaged or has failed
- EVAP control system pressure sensor damaged or has failed
- Vapor hose between fuel tank and cut valve is blocked or bent
- Vapor hose between vacuum cut valve and EVAP canister clogged
- EVAP canister
- EVAP purge port of fuel tank for clogging

### Reference Sources

[Infiniti QX4 \(R50\) Manual for P1491](#)