

## MAZDA P1456: FUEL TANK LEVEL SENSOR CIRCUIT MALFUNCTION

### OVERVIEW

Severity	:	<div><div>Medium</div></div>
DIY Difficulty Level	:	<div><div>Intermediate</div></div>
Repair Cost	:	\$200-\$400
Can I Still Drive?	:	<b>Yes</b> (Short-term only)

### What Does The Mazda P1456 Code Mean?

Engine running, system voltage from 11-16v, and the PCM detected the Fuel Tank Level sensor signal was less than 0.20v, or that it was more than 6.22v during the CCM test.

### What Are The Potential Causes Of The Mazda P1456 Code?

- Fuel tank level sensor signal circuit open or shorted to ground
- Fuel tank level sensor is damaged or has failed
- PCM has failed

### Reference Sources

[Mazda P1456](#), DTCDECODE.