

## BMW P1504: IDLE AIR CONTROL VALVE CIRCUIT CONTINUITY-OPEN LOAD

### OVERVIEW

Severity	:	<div><div>Medium</div></div>
DIY Difficulty Level	:	<div>Advanced</div>
Repair Cost	:	\$120-\$500
Can I Still Drive?	:	Yes

### What Does The BMW P1504 Code Mean?

Engine running the DME detected that the idle air control valve signal was intermittent.

### What Are The Potential Causes Of The BMW P1504 Code?

- Fuel delivery unit connector is loose or not attached
- Fuse 18 cause a short to the transfer fuel pump or the O2S
- Fuel pump has failed
- Fuel pump relay circuit is shorted to ground, B+ or is open
- Fuel Pump (FP) Relay not activated

### Reference Sources

[BMW P1504](#), DTCDECODE.