

BMW P1506: IDLE AIR CONTROL VALVE CIRCUIT SHORT TO B+

OVERVIEW

Severity	:	Medium
DIY Difficulty Level	:	Advanced
Repair Cost	:	\$120-\$500
Can I Still Drive?	:	Yes (Short-term only)

What Does The BMW P1506 Code Mean?

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

What Are The Potential Causes Of The BMW P1506 Code?

Below are some potential causes of this DTC:

- 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 P1506](#), DTCDECODE.