

BMW P1197: DIFFERENTIAL PRESSURE SENSOR INTAKE MANIFOLD HIGH INPUT (BANK 1)

OVERVIEW

Severity	:	<div><div>Medium</div></div>
DIY Difficulty Level	:	<div><div>Intermediate</div></div>
Repair Cost	:	\$100-\$250
Can I Still Drive?	:	Yes (Short-term only)

What Does The BMW P1197 Code Mean?

Engine started, battery voltage must be at least 11v, and the differential pressure sensor wiring shorted to battery voltage. The closed loop control of the differential pressure in the intake manifold is suspended and replaced by a direct specification.

What Are The Potential Causes Of The BMW P1197 Code?

Below are some potential causes of this DTC:

- Sensor's voltage supply on Terminal 87
- Sensor's ground connection faulty
- Signal wire to DME faulty
- Replace sensor

Reference Sources

[BMW P1197](#), DTCDECODE.