

## BMW P1338: CAMSHAFT POSITION SENSOR (BANK 1) OPEN/SHORT TO B+

### OVERVIEW

Severity	:	<div><div>High</div></div>
DIY Difficulty Level	:	<div><div>Intermediate</div></div>
Repair Cost	:	\$200-\$400
Can I Still Drive?	:	No

### What Does The BMW P1338 Code Mean?

Engine started, battery voltage at least 11.5v, all electrical components off, ground connections between engine and chassis well connected, and the DME detected an unexpected low or high voltage condition on the camshaft position sensor circuit.

### What Are The Potential Causes Of The BMW P1338 Code?

Faulty CMP sensor

### Reference Sources

[BMW P1338](#), DTCDECODE.