

## VOLKSWAGEN 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 Volkswagen 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 ECM detected an unexpected low or high voltage condition on the camshaft position sensor circuit.

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

- Faulty CMP sensor
- ECM has failed

### Reference Sources

[Volkswagen P1338](#), DTCDECODE.