

BMW P1047: VALVETRONIC (VVT) ACTUATOR CONTROL CIRCUIT HIGH INPUT (BANK 1)

OVERVIEW

Severity	:	High
DIY Difficulty Level	:	Advanced
Repair Cost	:	\$300-\$450
Can I Still Drive?	:	Yes

What Does The BMW P1047 Code Mean?

Key on for 3ms, and the DME detected a short to positive.

What Are The Potential Causes Of The BMW P1047 Code?

- Short to battery voltage in Kb-B
- KS ground in Kb-B
- KS sensor motor to ground
- KS motor winding

Reference Sources

[ENGINE PERFORMANCE Self Diagnosis for P1047](#) - 2011 BMW 535xi, pages 537-539.