

BMW P1045: VALVETRONIC (VVT) ACTUATOR CONTROL MODULE RANDOM ACCESS MEMORY ERROR (BANK 2)

OVERVIEW

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

What Does The BMW P1045 Code Mean?

Key on for 50ms, and the DME detected an internal memory fault. This code will set if KAPWR to the DME is interrupted (at the initial key on).

What Are The Potential Causes Of The BMW P1045 Code?

- Battery terminal corrosion, or loose battery connection
- Connection to the DME interrupted, or the circuit has been opened
- Reprogramming error has occurred

Reference Sources

[BMW P1045](#), DTCDECODE.