

BMW P1649: INTERNAL CONTROL MODULE RANDOM ACCESS MEMORY (RAM) WRITING ERROR

OVERVIEW

Severity	:	Medium
DIY Difficulty Level	:	Intermediate
Repair Cost	:	\$50-\$200
Can I Still Drive?	:	Yes (Short-term only)

What Does The BMW P1649 Code Mean?

Key on, 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 P1649 Code?

Below are some potential causes of this DTC:

- 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 P1649](#), DTCDECODE.