

BMW P1022: VALVETRONIC (VVT), ECCENTRIC SHAFT SENSOR 2 CIRCUIT LOW INPUT

OVERVIEW

Severity	:	Medium
DIY Difficulty Level	:	Intermediate
Repair Cost	:	\$75-\$200
Can I Still Drive?	:	Yes

What Does The BMW P1022 Code Mean?

With the engine running, the fault is a low voltage supply to the sensor after 3ms. The DME, VVT are active at 4.5 to 5.5 volts

What Are The Potential Causes Of The BMW P1022 Code?

- Short to ground in wiring harness
- VVT-SG defective
- Short circuit within the sensor
- Check plug and wiring harness for sensor defect

Reference Sources

[BMW P1022](#), DTCDECODE.