

BMW P1861: 2-1 SHIFT RANGE MONITORING GENERAL MALFUNCTION

OVERVIEW

Severity	:	<div><div>Medium</div></div>
DIY Difficulty Level	:	<div><div>Intermediate</div></div>
Repair Cost	:	\$200-\$500
Can I Still Drive?	:	Yes (Short-term only)

What Does The BMW P1861 Code Mean?

Engine running and vehicle driven, the DME detected a mechanical malfunction within the transmission. The output speed is greater than 300rpm, the transmission oil temperature is greater than 0 degrees Celsius, the engine speed is greater or equal to 600r.

What Are The Potential Causes Of The BMW P1861 Code?

Below are some potential causes of this DTC:

- Solenoid valves in valve body are faulty
- Solenoid circuit is shorting to ground
- Solenoid circuit is open
- TCM has failed or wiring is shorting
- Mechanical malfunction in transmission

Reference Sources

[BMW P1861](#), DTCDECODE.