

## BMW P1863: 4-3 SHIFT RANGE MONITORING

### OVERVIEW

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

### What Does The BMW P1863 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.

### What Are The Potential Causes Of The BMW P1863 Code?

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

### Reference Sources

[BMW P1863](#), DTCDECODE.