

BMW P1628: THROTTLE VALVE ADAPTATION SPRING TEST MALFUNCTION DURING OPENING (BANK 1)

OVERVIEW

Severity	:	High
DIY Difficulty Level	:	Advanced
Repair Cost	:	\$600-\$850
Can I Still Drive?	:	Yes

What Does The BMW P1628 Code Mean?

Engine started, and the battery voltage is greater than 7 volts, this fault is only diagnosed during the throttle valve's adaptation phase. DVE fails to close from emergency air position. Vehicle speed is zero, throttle pedal is less than 14.9 percent.

What Are The Potential Causes Of The BMW P1628 Code?

- Plate is sticking
- Defective return spring
- DVE electrical activation defective
- DVE motor wiring may have shorted
- Throttle valve is contaminated with foreign objects

Reference Sources

[ENGINE PERFORMANCE Self Diagnosis for P1628](#) - 2011 BMW 535xi, pages 144-146.