

BMW P1634: THROTTLE VALVE ADAPTATION SPRING TEST FAILED (BANK 1)

OVERVIEW

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

What Does The BMW P1634 Code Mean?

During the spring test the diagnostic function monitors the throttle valve to determine whether it returns to the emergency air position within the specified period when no voltage is being applied.

The fault is recognized when the throttle valve does not return to an aperture of less than roughly 19% within 560 ms when voltage is not being applied to the unit.

What Are The Potential Causes Of The BMW P1634 Code?

Below are some potential causes of this DTC:

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

Reference Sources

[ENGINE PERFORMANCE Self Diagnosis for P1634](#) - 2011 BMW 535xi, pages 138-140.