

## BMW P1633: THROTTLE VALVE ADAPTATION LIMP-HOME POSITION UNKNOWN

### OVERVIEW

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

### What Does The BMW P1633 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.

### What Are The Potential Causes Of The BMW P1633 Code?

- Plate is sticking
- Defective return spring
- DVE electrical activation defective.
- DVE motor wiring may have shorted
- Throttle valve is contaminated with foreign objects
- Defective throttle-valve actuator motor
- Throttle valve seized in open or fully-closed position

### Severity Description

Check on throttle valve's emergency default position as determined during throttle valve adaptation.

## Reference Sources

[ENGINE PERFORMANCE Self Diagnosis for P1633](#) - 2011 BMW 535xi, pages 48-50.