

CADILLAC P1516: THROTTLE ACTUATOR CONTROL (TAC) MODULE THROTTLE ACTUATOR POSITION PERFORMANCE

OVERVIEW

| | | |
|----------------------|---|-------------|
| Severity | : | High |
| DIY Difficulty Level | : | Advanced |
| Repair Cost | : | \$500-\$650 |
| Can I Still Drive? | : | No |

What Does The Cadillac P1516 Code Mean?

This code indicates that the actual throttle position does not match the predicted throttle position for greater than 1s.

Conditions for setting the DTC:

- P1516 and P2101 DTC P0606 and P1682 is not set.
- The run/crank or powertrain relay voltage is greater than 6 V and reduced power is not active.
- The engine is running or the following conditions are met: The engine is not running. The ignition voltage is greater than 11 V. The TAC system is not in the Battery Saver mode. The ECM is commanding the throttle. The ECM has learned the minimum throttle position.

DTC P1516 and [P2101](#) run continuously when the above conditions are met.

Reference Sources

- GM, 2013, [Service Bulletin - Prior To Any Circuit Testing](#).
- GM, 2012, [Service Bulletin - Diagnosis and Repair - Malfunction Indicator Lamp \(MIL\) Illuminated, Reduced Engine Power Message Displayed, DTC P2135 Set](#).
- GM, 2013, [Service Bulletin - Special Coverage Adjustment – Throttle Position Sensor](#)

[Replacement.](#)

- GM, 2013, [Service Bulletin - Special Coverage Adjustment – Throttle Position Sensor Replacement.](#)
- GM, 2012, [Service Bulletin - Special Coverage Adjustment – Throttle Position Sensor Replacement.](#)
- GM, 2015, [Service Bulletin - Special Coverage Adjustment – Throttle Body – Reduced Power Mode.](#)
- GM, 2015, [Service Bulletin - Special Coverage Adjustment – Throttle Body – Reduced Power Mode.](#)
- GM, 2015, [Service Bulletin - PIP4578B SES Light, Idle Surge, and/or Reduced Engine Power Mode with DTCs P0068, P0121, P0506, P0507, P1516, P2101, P2119, and/or P2176 - Clean Throttle Body and Perform Idle Learn Reset.](#)
- GM, 2019, [Service Bulletin - PIP5660 Diagnostic Tip: MIL Illuminated Possible Reduced Engine Power Message with DTC P2101 and/or P1516 Set as Current or History.](#)
- GM, 2019, [Service Bulletin - PIP5673 PQC E01 ECM Restriction.](#)