

CADILLAC P1686: TRANSMISSION CONTROL MODULE (TCM) POWER UP TEMPERATURE SENSOR CIRCUIT HIGH VOLTAGE

OVERVIEW

Severity	:	High
DIY Difficulty Level	:	Advanced
Repair Cost	:	\$75-\$350
Can I Still Drive?	:	No

What Does The Cadillac P1686 Code Mean?

The engine speed is greater than 450 RPM. P1684 No DTCs [P0711](#), [P0712](#), [P0713](#), [P0716](#), [P0717](#), [P0722](#), [P0723](#), or [P1684](#). DTC P1684 has not passed this key ON. The TCM power up temperature is between -39 and +149°C (-38 and +300°F).

How Can You Fix The Cadillac P1686 Code?

Reprogram the TCM and retest the DTC to see if the DTC resets.

Reference Sources

GM, 2013, [Service Bulletin - Prior To Any Circuit Testing](#).