

Dodge P1D83: Engine Oil Temperature Sensor Circuit Performance

OVERVIEW

Severity

:

High

DIY Difficulty Level

:

Intermediate

Repair Cost

:

\$250-\$300

Can I Still Drive?

:

No

What Does The Dodge P1D83 Code Mean?

After a calibrated amount of cool down time, the Powertrain Control Module (PCM) compares the AAT, ECT and IAT Sensor values. If the general temperature rationality passes, the PCM compares the Oil Temperature Sensor value to a threshold based on the other temp sensor values. If the difference is greater than a calibrated value, the diagnostic fails.

What Are The Potential Causes Of The Dodge P1D83 Code?

- HIGH RESISTANCE IN THE EOT SIGNAL CIRCUIT
- HIGH RESISTANCE IN THE SENSOR GROUND CIRCUIT
- ENGINE OIL TEMPERATURE SENSOR
- POWERTRAIN CONTROL MODULE (PCM)

Reference Sources

[Dodge P1D83](#), DTCDECODE.