

ACURA P1116: ENGINE COOLANT TEMPERATURE (ECT) SENSOR 1 CIRCUIT RANGE/PERFORMANCE PROBLEM

OVERVIEW

Severity	:	High
DIY Difficulty Level	:	Intermediate
Repair Cost	:	\$50-\$200
Can I Still Drive?	:	Yes

What Does The Acura P1116 Code Mean?

A malfunction is detected if the following 3 conditions are present after the engine has stopped and the ignition switch has been turned to LOCK (0) for at least 6 hours before restarting the engine:

- (1) When the temperature difference between the IAT and ECT1 is 57 °F (32 °C) or more.
- (2) When the temperature difference between the IAT and ECT2 is 30 °F (17 °C) or more.
- (3) When the temperature difference between the ECT2 and ECT1 is 73 °F (41 °C) or more.

NOTE: If DTC [P0111](#) is stored at the same time as DTC P1116, troubleshoot DTC P0111 first, then recheck for DTC P1116.

What Are The Potential Causes Of The Acura P1116 Code?

- Poor connections or loose terminals at ECT sensor 1 and ECT sensor 2
- Faulty ECT sensor 1
- Faulty ECT sensor 2

Reference Sources

[Acura P1116](#), DTCDECODE.