

Symptom:
PCM MESSAGES NOT RECEIVED

When Monitored and Set Condition:

PCM MESSAGES NOT RECEIVED

When Monitored: With the ignition on.

Set Condition: The MIC does not receive any messages from the PCM for at least 5 seconds.

POSSIBLE CAUSES

PCM MESSAGES NOT RECEIVED
 ATTEMPT TO COMMUNICATE WITH THE PCM
 PCI BUS CIRCUIT OPEN
 POWERTRAIN CONTROL MODULE

TEST	ACTION	APPLICABILITY
1	Turn the ignition on. NOTE: To proceed in this test, the DTC must be active. With the DRB, enter SYSTEM MONITORS then J1850 MODULE SCAN. Is the PCM active on the BUS? Yes → Check the condition of the J1850 Bus circuit wiring. Erase DTC, if DTC resets replace the Instrument Cluster in accordance with the service information. Perform BODY VERIFICATION TEST - VER 1. No → Go To 2	All
2	Turn the ignition on. With the DRB, attempt to communicate with the PCM. Was the DRB able to communicate with the PCM? Yes → Go To 3 No → Refer to the communication category and perform the appropriate symptom. Perform BODY VERIFICATION TEST - VER 1.	All

PCM MESSAGES NOT RECEIVED — Continued

TEST	ACTION	APPLICABILITY
3	<p>Turn the ignition off. Disconnect the PCM harness connector. CAUTION: If NGC, DO NOT PROBE THE PCM HARNESS CONNECTORS. PROBING THE PCM HARNESS CONNECTORS WILL DAMAGE THE PCM TERMINALS RESULTING IN POOR TERMINAL TO PIN CONNECTION. INSTALL MILLER SPECIAL TOOL #8815 TO PERFORM DIAGNOSIS. Disconnect the DRBIII® from the DLC. Measure the resistance of the PCI Bus circuit between the PCM connector (from special tool #8815 if NGC) and the DLC. Is the resistance below 5.0 ohms?</p> <p>Yes → Replace and program the Powertrain Control Module in accordance with the service information. Perform BODY VERIFICATION TEST - VER 1.</p> <p>No → Repair the PCI Bus circuit for an open. Perform BODY VERIFICATION TEST - VER 1.</p>	All