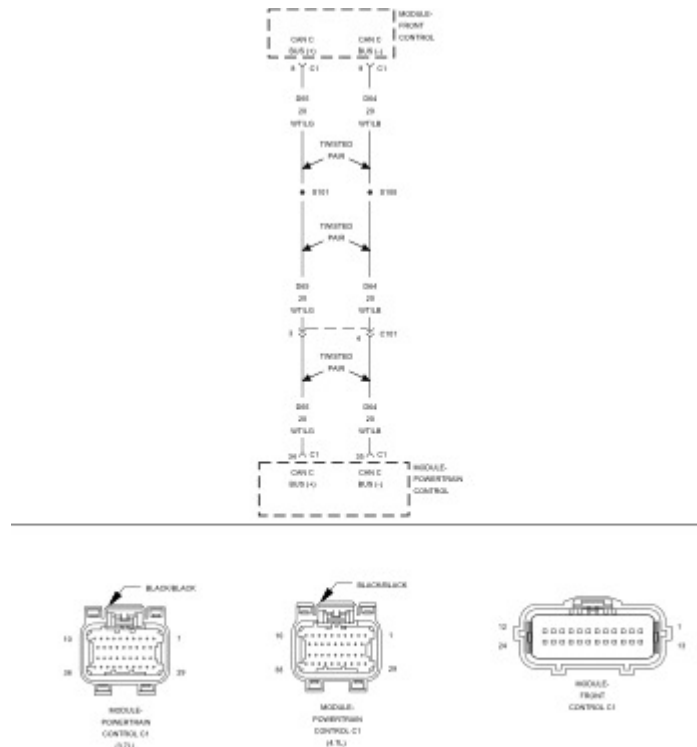


2008 Dodge Dakota : Diagnostics > DTC-Based Diagnostics > Module, Powertrain Control (PCM), NGC > Diagnosis And Testing > U110E-Lost Ambient Temperature Message

Listen

U110E-Lost Ambient Temperature Message

U110E-LOST AMBIENT TEMPERATURE MESSAGE



For a complete wiring diagram, refer to the **Wiring Information**.

Theory of Operation

The ambient temperature sensor signal is a direct input to the FCM. The FCM sends the PCM the ambient temperature signal over the CAN C bus.

- **When Monitored:**
Ignition on.
- **Set Condition:**
The PCM doesn't receive the ambient temperature signal over the CAN C bus from the FCM. The circuit is continuously monitored.

Possible Causes
CAN C BUS CIRCUIT OPEN OR SHORTED
FRONT CONTROL MODULE (FCM)
POWERTRAIN CONTROL MODULE (PCM)

Always perform the Pre-Diagnostic Troubleshooting procedure before proceeding. (Refer to DTC-Based Diagnostics/MODULE, Powertrain Control (PCM) - Standard Procedure)(Refer To List 1).

Diagnostic Test**ACTIVE DTC**

Ignition on, engine not running.

Listen

With the scan tool, select View Powertrain DTCs.

Is the DTC Active at this time?**Yes**

- Go To >>>

No

- Refer to the INTERMITTENT CONDITION Diagnostic Procedure.
(Refer to [DTC-Based Diagnostics/MODULE, Powertrain Control \(PCM\) - Standard Procedure](#))(Refer To List 1)

REFER TO LIST:**U0141-LOST COMMUNICATION WITH FRONT CONTROL MODULE ALSO ACTIVE**

With the scan tool view DTCs.

Is the U0141-NO BUS MESSAGE RECEIVED FROM THE FCM also set?**Yes**

- Follow the diagnostics for U0141-LOST COMMUNICATION WITH FRONT CONTROL MODULE, ([Refer to DTC-Based Diagnostics/MODULE, Front Control \(FCM\) - Diagnosis and Testing](#)).
- Perform the POWERTRAIN VERIFICATION TEST. ([Refer to DTC-Based Diagnostics/MODULE, Powertrain Control \(PCM\) - Standard Procedure](#))(Refer To List 1)

No

- Replace and program the Powertrain Control Module per Service Information.
- Perform the POWERTRAIN VERIFICATION TEST. ([Refer to DTC-Based Diagnostics/MODULE, Powertrain Control \(PCM\) - Standard Procedure](#))(Refer To List 1)

List 1

- [28 - DTC-Based Diagnostics / MODULE, Powertrain Control \(PCM\), NGC / Standard Procedure](#)
- [28 - DTC-Based Diagnostics / MODULE, Powertrain Control \(PCM\), 42RLE / Standard Procedure](#)
- [28 - DTC-Based Diagnostics / MODULE, Powertrain Control \(PCM\), 545RFE / Standard Procedure](#)