

- IPC

DIAGNOSIS AND TESTING > INFORMATION AND ENTERTAINMENT SYSTEM > PINPOINT TESTS > PINPOINT TEST AC : U0155:00 > PINPOINT TEST AC : U0155:00

AC1 VERIFY THE CUSTOMER'S CONCERN

Ignition ON.

Verify there is an observable symptom present.

Is an observable symptom present?

Yes	GO to AC2
No	The system is operating correctly at this time. The DTC may have been set due to high network traffic or an intermittent fault condition.

AC2 RECHECK FOR DTC (DIAGNOSTIC TROUBLE CODE) U0155:00

Ignition ON.

Using a diagnostic scan tool, clear all Continuous Memory Diagnostic Trouble Codes (CMDTCs).

Ignition OFF.

Ignition ON.

Wait at least 10 seconds.

Using a diagnostic scan tool, retrieve all Continuous Memory Diagnostic Trouble Codes (CMDTCs).

Is DTC U0155:00 set in the ACM or FCIM?

Yes	GO to AC3
No	The system is operating correctly at this time. The DTC may have been set due to high network traffic or an intermittent fault condition.

AC3 CHECK THE IPC (INSTRUMENT PANEL CLUSTER) FOR BATTERY VOLTAGE
OUT-OF-RANGE DIAGNOSTIC TROUBLE CODES (DTCS)

Using a diagnostic scan tool, perform the IPC self-test.

Are any low or high voltage Diagnostic Trouble Codes (DTCs) recorded in the IPC?

Yes	* For DTC U3003:16, REFER to: Instrumentation, Message Center and Warning Chimes . See U3003:16.* For DTC U3003:17, REFER to: Instrumentation, Message Center and Warning Chimes . See U3003:17.
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No	GO to AC4
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AC4 CHECK FOR BATTERY VOLTAGE OUT-OF-RANGE DIAGNOSTIC TROUBLE CODES (DTCS)

Using a diagnostic scan tool, perform the self-test for the following modules:

ACM

APIM

FCIM

GPSM

Are any low or high voltage Diagnostic Trouble Codes (DTCs) recorded in the ACM, APIM, FCIM, or GPSM?

Yes	* For DTC U3003:16, GO to Pinpoint Test AJ * For DTC U3003:17, GO to Pinpoint Test AK
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No	GO to AC5
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AC5 CHECK FOR DTC (DIAGNOSTIC TROUBLE CODE) U0155:00 SET IN MULTIPLE MODULES

Review the recorded results from the self-test.

Is DTC U0155:00 set in more than one module?

Yes	GO to AC6
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No	* If there is an observable symptom, REFER to: Information and Entertainment System . See Symptom Chart: General Audio System, to diagnose the observed symptom.* If there is no observable symptom, the system is operating correctly at this time. The DTC may have been set due to high network traffic or an intermittent fault condition.
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AC6 CHECK FOR CORRECT IPC (INSTRUMENT PANEL CLUSTER) OPERATION

Ignition OFF.

Disconnect and inspect the IPC connector.

Repair:

Corrosion (clean module pins or install new connectors or terminals)