DIAGNOSIS AND TESTING > INFORMATION AND ENTERTAINMENT SYSTEM > PINPOINT TESTS > PINPOINT TEST AS : U0256:00 > PINPOINT TEST AS : U0256:00

AS1 VERIFY THE CUSTOMER'S CONCERN

Ignition ON.

Verify there is an observable symptom present.

Is an observable symptom present?

Yes	GO to AS2

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.

AS2 RECHECK FOR DTC (DIAGNOSTIC TROUBLE CODE) U0256:00

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 U0256:00 set in the ACM or APIM, or audio DSP module?

Yes	GO to AS3

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.

AS3 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

Audio DSP module

FCIM

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

Yes	* For DTC U3003:16, GO to Pinpoint Test AT * For DTC U3003:17, GO to Pinpoint Test AU

No	GO to AS4

AS4 CHECK FOR DTC (DIAGNOSTIC TROUBLE CODE) U0256:00 SET IN MULTIPLE MODULES

Review the recorded results from the self-test.

Is DTC U0256:00 set in set in more than one module?

Yes	GO to AS5

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.

AS5 CHECK FOR CORRECT FCIM (FRONT CONTROLS INTERFACE MODULE) OPERATION

Ignition OFF.

Disconnect and inspect the FCIM connectors.

Repair:

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

Damaged or bent pins (install new terminals or pins)

Pushed-out pins (install new pins as necessary)

Reconnect the FCIM connectors. Make sure they seat and latch correctly.

Operate the system and determine if the concern is still present.

Is the concern still present?

Yes	CHECK OASIS for any applicable Technical Service Bulletins (TSBs). If a TSB exists for this concern, DISCONTINUE this test and FOLLOW the TSB instructions. If no Technical Service Bulletins (TSBs) address this concern, INSTALL a new FCIM. REFER to: Front Controls Interface Module (FCIM) .

No	The system is operating correctly at this time. The concern may have been caused by module connections. Address the root cause of any connector or pin issues.