

		<i>the gateway module for messages sent over the Infotainment Controller Area Network (I-CAN) between the FDIM, ACM, and FCIM.</i>
		Set by the ACM when network messages are missing from the APIM for more than 5 seconds with the ignition in RUN. This DTC may be set in conjunction with DTC U0253:00.

Possible Source

- APIM

DIAGNOSIS AND TESTING > INFORMATION AND ENTERTAINMENT SYSTEM > PINPOINT TESTS > PINPOINT TEST AI : U0257:00 > PINPOINT TEST AI : U0257:00

AI1 VERIFY THE CUSTOMER'S CONCERN

Ignition ON.

Verify there is an observable symptom present.

Is an observable symptom present?

Yes	GO to AI2
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.

AI2 RECHECK FOR DTC (DIAGNOSTIC TROUBLE CODE) U0257:00

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 U0257:00 set in the ACM?

Yes	GO to AI3
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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.
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AI3 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

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

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 AI4
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AI4 CHECK FOR DTC (DIAGNOSTIC TROUBLE CODE) U0257:00 SET IN MULTIPLE MODULES

Review the recorded results from the self-test.

Is DTC U0257:00 set in both the ACM?

Yes	INSTALL a new FDIM. CLEAR the DTCs. Using a diagnostic scan tool, retrieve all Continuous Memory Diagnostic Trouble Codes (CMDTCs). If DTC U0257:00 is still present, GO to AI5
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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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AI5 CHECK FOR CORRECT APIM (SYNC MODULE) OPERATION

Ignition OFF.

Disconnect and inspect the APIM connector.

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 APIM connector. Make sure it seats and latches correctly.