

PINPOINT TEST O : U0253:87 > PINPOINT TEST O : U0253:87

O1 VERIFY THE CUSTOMER CONCERN

Ignition ON.

Verify there is an observable symptom present.

Is an observable symptom present?

Yes	GO to O2
No	The system is operating normally at this time. The DTC may have been set due to high network traffic or an intermittent fault condition. CLEAR the DTC.

O2 CHECK THE COMMUNICATION NETWORK

Using a diagnostic scan tool, perform a network test.

Does the APIM pass the network test?

Yes	GO to O3
No	DIAGNOSE no communication with the APIM. REFER to: Communications Network .

O3 CHECK THE BCM (BODY CONTROL MODULE) CONTINUOUS MEMORY DIAGNOSTIC TROUBLE CODES (CMDTCS)

Using a diagnostic scan tool, clear the Diagnostic Trouble Codes (DTCs).

Wait 10 seconds.

Using a diagnostic scan tool, check the BCM Continuous Memory Diagnostic Trouble Codes (CMDTCs).

Is DTC U3006:16, U3006:17, U3007:16, U3007:17, U3013:16, U3013:17, U3014:16 or U3014:17 recorded?

Yes	For DTC U3006:16, U3007:16, U3013:16 or U3014:16, GO to Pinpoint Test J For DTC U3006:17, U3007:17, U3013:17 or U3014:17, GO to Pinpoint Test K
No	GO to O4

O4 RETRIEVE THE RECORDED DIAGNOSTIC TROUBLE CODES (DTCS) FROM THE APIM (SYNC MODULE) SELF-TEST

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

Are any Diagnostic Trouble Codes (DTCs) recorded?

Yes	Vehicles Without: SYNC, REFER to: Information and Entertainment System . Vehicles With: SYNC Without Touchscreen, REFER to: Information and Entertainment System . Vehicles With: Touchscreen Display, REFER to: Information and Entertainment System . Vehicles With: Sony Audio System, REFER to: Information and Entertainment System .
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No	GO to O5
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O5 RECHECK THE BCM (BODY CONTROL MODULE) CONTINUOUS MEMORY DIAGNOSTIC TROUBLE CODES (CMDTCS)

Using a diagnostic scan tool, clear the Diagnostic Trouble Codes (DTCs).

Wait 10 seconds.

Using a diagnostic scan tool, check the BCM Continuous Memory Diagnostic Trouble Codes (CMDTCS).

Is DTC U0253:87 still present?

Yes	GO to O6
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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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O6 CHECK FOR DTC (DIAGNOSTIC TROUBLE CODE) U0253 SET IN OTHER MODULES

Using a diagnostic scan tool, clear the Diagnostic Trouble Codes (DTCs).

Ignition OFF.

Ignition ON.

Wait 10 seconds.

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

Is DTC U0253 set in any other module?

Yes	GO to O7
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No	GO to O8
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O7 CHECK FOR CORRECT APIM (SYNC MODULE) OPERATION

Disconnect and inspect the APIM connector.

Repair:

corrosion (install new connector or terminals - clean module pins)

damaged or bent pins - install new terminals/pins