

Damaged or bent pins (install new terminals or pins)

Pushed-out pins (install new pins as necessary)

Reconnect the IPC connector. Make sure it seats and latches 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, PERFORM the IPC Guided Routine.
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.

**DIAGNOSIS AND TESTING > INFORMATION AND ENTERTAINMENT SYSTEM >
PINPOINT TESTS > PINPOINT TEST AD : U0159:00**

Normal Operation and Fault Conditions

REFER to: Information and Entertainment System - System Operation and Component Description . See Network Message Chart.

The PAM is integral to the BCM.

DTC Fault Trigger Conditions

DTC	Description	Fault Trigger Conditions
U0159:00	Lost Communication With Parking Assist Control Module "A": No Sub Type Information	Set by the APIM when network messages are missing from the PAM for more than 5 seconds with the ignition in RUN.

Possible Source

- PAM

**DIAGNOSIS AND TESTING > INFORMATION AND ENTERTAINMENT SYSTEM >
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AD1 VERIFY THE CUSTOMER'S CONCERN

Ignition ON.

Verify if there is an observable symptom present.

Is an observable symptom present?

Yes	GO to AD2
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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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AD2 RECHECK FOR DTC (DIAGNOSTIC TROUBLE CODE) U0159:00

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 U0159:00 set in the APIM?

Yes	GO to AD3
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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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AD3 CHECK THE BCM (BODY CONTROL MODULE) FOR BATTERY VOLTAGE OUT-OF-RANGE DIAGNOSTIC TROUBLE CODES (DTCS)

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

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

Yes	* For DTC U3006:16, REFER to: Body Control Module (BCM) . See U3006:16.* For DTC U3006:17, REFER to: Body Control Module (BCM) . See U3006:17.
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No	GO to AD4
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AD4 CHECK THE APIM (SYNC MODULE) FOR BATTERY VOLTAGE OUT-OF-RANGE DIAGNOSTIC TROUBLE CODES (DTCS)

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

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