

DTC	Description	Fault Trigger Conditions
U0159:00	Lost Communication With Parking Assist Control Module "A": No Sub Type Information	Set by the FCDIM 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 > PINPOINT TESTS > PINPOINT TEST T : U0159:00 > PINPOINT TEST T : U0159:00

T1 VERIFY THE CUSTOMER'S CONCERN

Ignition ON.

Verify if there is an observable symptom present.

Is an observable symptom present?

Yes	GO to T2
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.

T2 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 FCDIM?

Yes	GO to T3
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.

T3 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.
No	GO to T4

T4 CHECK THE FCDIM (FRONT CONTROL/DISPLAY INTERFACE MODULE) FOR BATTERY VOLTAGE OUT-OF-RANGE DIAGNOSTIC TROUBLE CODES (DTCS)

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

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

Yes	* For DTC U3003:16, GO to Pinpoint Test X * For DTC U3003:17, GO to Pinpoint Test Y
No	GO to T5

T5 CHECK FOR CORRECT PAM (PARKING ASSIST CONTROL MODULE) OPERATION

Ignition OFF.

Disconnect and inspect all the BCM 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 BCM 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 BCM. REFER to: Body Control Module (BCM) .
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.