Yes	CHECK OASIS for applicable TSBs (technical service bulletins). If a TSB exists for this concern, DISCONTINUE this test and FOLLOW the TSB instructions. If no TSB addresses this concern, .

No	The system is operating correctly at this time. Concern may have been caused by a loose or corroded connector. ADDRESS the root cause of any connector or pin issues.

DIAGNOSIS AND TESTING > PARKING AID > PINPOINT TEST(S) > PINPOINT TEST H : U0121:00

Refer to Module Communications Network for schematic and connector information.

Normal Operation and Fault Conditions

The PAM communicates with the ABS module through GWM. REFER to: Parking Aid - System Operation and Component Description .

DTC Fault Trigger Conditions

DTC	Description	Fault Trigger Conditions
U0121:00	Lost Communication With ABS Control Module: No Sub Type Information	Sets in continuous memory in the PAM if messages received from the ABS module through GWM are missing for 5 seconds or more.

Possible Sources

- Communication concern
- ABS module
- GWM concern
- PAM (integral to the BCM)

DIAGNOSIS AND TESTING > PARKING AID > PINPOINT TEST(S) > PINPOINT TEST H : U0121:00 > PINPOINT TEST H : U0121:00

H1 VERIFY THE CUSTOMER CONCERN

Ignition ON.

Verify there is an observable symptom present.

Is an observable symptom present?

Yes	GO to H2

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

H2 CHECK THE COMMUNICATION NETWORK

Using a diagnostic scan tool, perform the network test.

Does the ABS module pass the network test?

Yes	GO to H3

No	REFER to: Communications Network .

H3 PERFORM THE ABS (ANTI-LOCK BRAKE SYSTEM) MODULE SELF-TEST

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

Are any DTCs (diagnostic trouble codes) recorded?

Yes	REFER to: Anti-Lock Brake System (ABS) and Stability Control .

No	GO to H4

H4 CHECK GWM (GATEWAY MODULE A) DTCS (DIAGNOSTIC TROUBLE CODES)

Using a diagnostic scan tool, check GWM CMDTCs (continuous memory diagnostic trouble codes).

Are any DTCs (diagnostic trouble codes) recorded?

Yes	REFER to: Communications Network .

No	GO to H5

H5 RECHECK THE PAM (PARKING ASSIST CONTROL MODULE) DTCS (DIAGNOSTIC TROUBLE CODES)

Using a diagnostic scan tool, clear the DTCs).

Operate the system and test for normal operation.

Check the PAM CMDTCs (continuous memory diagnostic trouble codes).

Is DTC U0121 still present?

Yes	GO to H6

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.

H6 CHECK FOR DTC (DIAGNOSTIC TROUBLE CODE) U0121:00 OR DTC (DIAGNOSTIC TROUBLE CODE) U0121:87 SET IN OTHER MODULES

Using a diagnostic scan tool, clear all DTCs (diagnostic trouble codes).

Ignition OFF.

Ignition ON.

Wait 10 seconds.

Using a diagnostic scan tool, retrieve the CMDTCs (continuous memory diagnostic trouble codes) from all modules.

Is DTC U0121:00 or DTC U0121:87 set in other modules?

Yes	GO to H7

No	GO to H8

H7 CHECK FOR CORRECT ABS (ANTI-LOCK BRAKE SYSTEM) MODULE OPERATION

Ignition OFF.

Disconnect and inspect all ABS module and related in-line connectors.

Repair:

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

damaged or bent pins - install new terminals/pins

pushed-out pins - install new pins as necessary

Reconnect the ABS module and related in-line 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 TSB. If a TSB exists for this concern, DISCONTINUE this test and FOLLOW the TSB instructions. If no TSB addresses this concern, INSTALL a new ABS module. REFER to: Anti-Lock Brake System (ABS) Module .

No	The system is operating correctly at this time. Concern may have been caused by a loose