

- PAM (integral to the BCM) concern
- APIM
- IPMB

Visual Inspection and Diagnostic Pre-Checks

- If the rear parking aid camera is not configured after replacement, some video functions will be inoperative. Verify the rear parking aid camera configuration using the diagnostic scan tool.
- Perform an APIM reset and reevaluate the concern prior to following this pinpoint test. REFER to: Reset the SYNC Module [APIM] .

DIAGNOSIS AND TESTING > PARKING AID > PINPOINT TEST(S) > PINPOINT TEST M : THE VISUAL PARK AID ALERT IS INOPERATIVE - VEHICLES WITH 360 DEGREE VIEW CAMERA > PINPOINT TEST M : THE VISUAL PARK AID ALERT IS INOPERATIVE - VEHICLES WITH 360 DEGREE VIEW CAMERA

M1 VERIFY THE VISUAL PARK AID ALERT IS ENABLED

Ignition ON.

Verify that the visual park aid alert is enabled in the infotainment system settings menu.
Refer to the Owner's Literature.

Is the visual park aid alert enabled?

Yes	GO to M2
No	ENABLE the visual park aid alert.

M2 PERFORM A NETWORK TEST

Ignition ON.

Using a diagnostic scan tool, perform a network test.

Do all modules pass the network test?

Yes	GO to M3
No	REFER to: Communications Network .

M3 CHECK THE DIAGNOSTIC TROUBLE CODES (DTCS) FROM THE PAM (PARKING ASSIST CONTROL MODULE) SELF-TEST

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

Are any PAM Diagnostic Trouble Codes (DTCs) recorded?

Yes	REPAIR all PAM Diagnostic Trouble Codes (DTCs) before continuing this test. REFER to: Parking Aid .
No	GO to M4

M4 CHECK THE DIAGNOSTIC TROUBLE CODES (DTCs) FROM THE IPMB (IMAGE PROCESSING MODULE B) SELF-TEST

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

Are any IPMB Diagnostic Trouble Codes (DTCs) recorded?

Yes	REFER to the IPMB DTC Chart .
No	If the visual park aid alert for the 360 degree overhead view is inoperative, GO to M5 For all other views, GO to M6

M5 CHECK FOR CORRECT IPMB (IMAGE PROCESSING MODULE B) OPERATION

Ignition OFF.

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

M6 CHECK FOR CORRECT APIM (SYNC MODULE) OPERATION

Ignition OFF.