

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.

DIAGNOSIS AND TESTING > PARKING AID > PINPOINT TEST(S) > PINPOINT TEST O : THE MANUAL ZOOM IS INOPERATIVE - VEHICLES WITH 360 DEGREE VIEW CAMERA

Normal Operation and Fault Conditions

REFER to: Parking Aid - System Operation and Component Description .

Possible Causes

- Communication concern
- Rear parking aid camera
- LIN concern
- APIM concern

Visual Inspection and Diagnostic Pre-Checks

- Perform an APIM reset and reevaluate the concern prior to following this pinpoint test. REFER to: Reset the SYNC Module [APIM] .
- 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.

DIAGNOSIS AND TESTING > PARKING AID > PINPOINT TEST(S) > PINPOINT TEST O : THE MANUAL ZOOM IS INOPERATIVE - VEHICLES WITH 360 DEGREE VIEW CAMERA > PINPOINT TEST O : THE MANUAL ZOOM IS INOPERATIVE - VEHICLES WITH 360 DEGREE VIEW CAMERA

O1 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 O2
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No	REFER to: Communications Network .
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O2 CHECK FOR RECORDED DIAGNOSTIC TROUBLE CODES (DTCS) FROM THE IPMB (IMAGE PROCESSING MODULE B) SELF-TEST

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

Are any Diagnostic Trouble Codes (DTCs) present?

Yes	REFER to the BCM DTC Chart .
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No	GO to O3
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O3 CHECK FOR 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 present?

Yes	For DTC C1001:01, GO to Pinpoint Test A For all other Diagnostic Trouble Codes (DTCs), 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 O4
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O4 CHECK FOR CORRECT REAR PARKING AID CAMERA OPERATION

Ignition OFF.

Disconnect and inspect the rear parking aid camera 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 rear parking aid camera 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 rear parking aid camera.
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