

Damaged or bent pins (install new terminals or pins)

Pushed-out pins (install new pins as necessary)

Reconnect the ACM 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 ACM. REFER to: Audio Front Control Module (ACM) .
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.

Y5 CHECK FOR CORRECT FCIM (FRONT CONTROLS INTERFACE MODULE) OPERATION

Ignition OFF.

Disconnect and inspect the FCIM connector.

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 FCIM 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, INSTALL a new FCIM. REFER to: Front Controls Interface Module (FCIM) .
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.

GENERAL PROCEDURES > BEZEL DIAGNOSTICS

Check

1.

 **WARNING:** Before beginning any service procedure in this article, refer to Health and Safety Precautions in GENERAL INFORMATION . Failure to follow this instruction may result in serious personal injury.

Refer to: Health and Safety Precautions .

 **NOTE:** If equipped with satellite radio, this procedure can be used to obtain the SIRIUS 12-digit ESN. If there is a concern with one of the following components and bezel diagnostics and channel 0 cannot be accessed, obtain the ESN by referencing the label attached to the ACM.

- Inoperative (blank or does not power on) FCDIM (if equipped)
- Inoperative (blank or does not power on) FDIM (if equipped)
- Inoperative FCIM
- Inoperative steering wheel switch (if applicable)

Refer to appropriate article to diagnose the inoperative component.

 **NOTE:** If there is a concern with one of the following components and Bezel Diagnostics cannot be accessed, obtain the module part number by referencing the label attached to the module.

- Inoperative (blank or does not power on) FCDIM (if equipped)
- Inoperative (blank or does not power on) FDIM (if equipped)
- Inoperative FCIM
- Inoperative steering wheel switch (if applicable)

Refer to appropriate article to diagnose the inoperative component.

2.

Ignition ON.

3.

Operate the audio system in AM/ FM mode.

* For vehicles with a CD player, press and hold the EJECT button, and within 1 second, press and hold the SEEK UP button. If supported, the Speaker Walk-Around Test begins, and the display indicates each speaker as it is tested.

* For vehicles without a CD player, simultaneously press and hold the steering wheel SEEK UP

switch and the FCIM TUNE UP button. If supported, the Speaker Walk-Around Test begins, and the display indicates each speaker as it is tested.

4.

Once the Speaker Walk-Around Test completes, the following information is available:

Applicability	Menu	Submenu
Only for vehicles with a FCDIM.	AHU Diagnostics (AHU refers to the ACM)	Software Part Number
		Hardware Part Number
		Calibration Part Number
		Radio Signal Strength (may need to press OK for signal strength to display)
		SIRIUS ESN
		Speaker Walk-Around Test
	EFP Diagnostics or EFP/ICP Diagnostics (EFP refers to the FCIM that communicates on the CAN; ICP refers to the FCIM that communicates on the LIN)	Software Part Number
		Hardware Part Number
		Calibration Part Number
		Exit Diagnostics
	MFD Diagnostics - if supported (MFD refers to the FCDIM)	Software Part Number
		Hardware Part Number
Only for vehicles with FDIM touchscreen.	APIM Diagnostics	Calibration Part Number
		Display Test (if supported)
		Part Numbers
		Software Versions
		Configuration Status
		GPS Information
		Tones Test
		Rear Tones Test (if equipped)
		Touch Screen Calibration
		Touch Screen Activation Test
		Display Test Pattern
		RGB Pixel Test
		Exit Diagnostics