

Is the CCM bracket or radar attachments to the bracket damaged?

Yes	REPAIR or INSTALL a new CCM bracket or radar attachments, as necessary. REFER to: Cruise Control Module (CCM) .
No	GO to E2

E2 PERFORM THE VERTICAL AND HORIZONTAL ALIGNMENT

 **NOTE:** Remove the front bumper trim panel to carry-out the vertical alignment procedure.

Perform the alignment procedures for the CCM. REFER to: Cruise Control Radar Alignment .

Does the CCM align correctly?

Yes	The system is operating correctly at this time. The concern was caused by a misaligned sensor.
No	INSTALL a new CCM. REFER to: Cruise Control Module (CCM) .

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Refer to Cruise Control for schematic and connector information.

Normal Operation and Fault Conditions

REFER to: Cruise Control - System Operation and Component Description .

DTC Fault Trigger Conditions

DTC	Description	Fault Trigger Conditions
C1A67:96	Forward Looking Sensor: Component Internal Failure	Sets when the CCM detects an internal failure or invalid radar data with the radar sensor.

Possible Sources

- CCM

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F1 CHECK THE DIAGNOSTIC TROUBLE CODES (DTCs) FROM BOTH THE CONTINUOUS AND ON-DEMAND CCM (CRUISE CONTROL MODULE) SELF-TESTS

Ignition ON.

Clear Continuous Memory Diagnostic Trouble Codes (CMDTCs) from all modules.

Ignition OFF.

Ignition ON.

Wait at least 10 seconds.

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

Check the CCM Diagnostic Trouble Codes (DTCs) from the continuous and on-demand self-tests.

Is DTC C1A67:96 recorded?

Yes	GO to F2
No	The system is operating correctly at this time. The DTC may have been set due to an intermittent fault condition. CHECK the CCM connector and the High Speed Controller Area Network 2 (HS2-CAN) bus wire for corrosion.

F2 CHECK FOR CORRECT CCM (CRUISE CONTROL MODULE) OPERATION

Ignition OFF.

Disconnect and inspect all CCM connectors 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 CCM connectors 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 TSB instructions. If no Technical Service Bulletins (TSBs) address this concern, INSTALL a new CCM. REFER to: Cruise Control Module (CCM) .
No	The system is operating correctly at this time. The concern may have been caused by