

No	GO to G5
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G5 PERFORM HORIZONTAL AIM

Using a diagnostic scan tool, perform the horizontal aim procedure.

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

Does horizontal aim procedure finish successfully without setting DTC C1A67:97?

Yes	The system is operating normally at this time. This condition may have been caused by previous snow or water build up or driving on very sparse rural roads.
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No	INSTALL a new CCM. REFER to: Cruise Control Module (CCM) .
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DIAGNOSIS AND TESTING > CRUISE CONTROL > PINPOINT TESTS > PINPOINT TEST H : U0100:00

Refer to Module Communications Network for schematic and connector information.

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
U0100:00	Lost Communication With ECM/PCM "A": No Sub Type Information	Sets in continuous memory if data messages received from the PCM over the HS-CAN1 or from the GWM over the HS-CAN2 to the CCM are missing for more than 5 seconds.

Possible Sources

- CCM
- PCM
- GWM

DIAGNOSIS AND TESTING > CRUISE CONTROL > PINPOINT TESTS > PINPOINT TEST H : U0100:00 > PINPOINT TEST H : U0100:00

H1 VERIFY THAT THE DIAGNOSTIC SCAN TOOL COMMUNICATES WITH THE PCM (POWERTRAIN CONTROL MODULE)

Using a diagnostic scan tool, verify a vehicle session can be established.

Can a vehicle session be established?

Yes	GO to H2
No	REFER to: Communications Network .

H2 CHECK THE CCM (CRUISE CONTROL MODULE) CONTINUOUS MEMORY DIAGNOSTIC TROUBLE CODES (DTCS)

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.

Retrieve the Continuous Memory Diagnostic Trouble Codes (CMDTCs) from the CCM.

Is DTC U0100:00 retrieved again?

Yes	GO to H3
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.

H3 CHECK THE GWM (GATEWAY MODULE A) DIAGNOSTIC TROUBLE CODES (DTCS)

Using a diagnostic scan tool, retrieve the GWM Continuous Memory Diagnostic Trouble Codes (CMDTCs).

Are any Diagnostic Trouble Codes (DTCS) recorded?

Yes	REFER to: Communications Network .
No	GO to H4

H4 CHECK FOR CONTINUOUS MEMORY DIAGNOSTIC TROUBLE CODES (CMDTCs) FROM THE PCM (POWERTRAIN CONTROL MODULE) KOEO (KEY ON, ENGINE OFF) SELF-TEST