DTC	Description	Fault Trigger Conditions
U0100:00	Lost Communication With ECM/PCM "A": No Sub Type Information	Sets in continuous memory in the ICM if data messages received from the PCM are missing for 5 seconds or longer.

Possible Sources

- Communication concern
- Battery voltage concern
- PCM
- ICM

DIAGNOSIS AND TESTING > INSTRUMENTATION, MESSAGE CENTER AND WARNING CHIMES > PINPOINT TESTS > PINPOINT TEST BN : U0100:00 > PINPOINT TEST BN : U0100:00

BN1 VERIFY THE DIAGNOSTIC SCAN TOOL COMMUNICATES WITH THE PCM (POWERTRAIN CONTROL MODULE)

Connect the diagnostic scan tool.

Check that a vehicle session can be established using the diagnostic scan tool.

Can a vehicle session be established?

Yes	GO to BN2

No	REFER to: MODULE COMMUNICATIONS NETWORK .

BN2 CHECK THE ICM (INFORMATION CENTER MODULE) CONTINUOUS MEMORY DIAGNOSTIC TROUBLE CODES (CMDTCS)

Ignition ON.

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

Clear the Diagnostic Trouble Codes (DTCs).

Wait 10 seconds.

Repeat the ICM self-test.

Is DTC U0100:00 retrieved again?

Yes	GO to BN3

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.

BN3 PERFORM THE PCM (POWERTRAIN CONTROL MODULE) SELF-TEST

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

Are any Diagnostic Trouble Codes (DTCs) recorded?

Yes	Refer to the appropriate article for the procedure.

No	GO to BN4

BN4 PERFORM THE ICM (INFORMATION CENTER MODULE) SELF-TEST

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

Is DTC U3003:16 or DTC U3003:17 recorded?

Yes	REFER to DTC Chart: Information Center Module (ICM) .

No	GO to BN5

BN5 CHECK FOR DTC (DIAGNOSTIC TROUBLE CODE) U0100:00 OR DTC (DIAGNOSTIC TROUBLE CODE) U0100:87 SET IN OTHER MODULES

Using a diagnostic scan tool, clear all Diagnostic Trouble Codes (DTCs).

Ignition OFF.

Ignition ON.

Wait 10 seconds.

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

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

Is DTC U0100:00 set in the IPC, ABS module or DTC U0100:87 set in the BCM?

Yes	GO to BN6

No	GO to BN7

BN6 CHECK FOR CORRECT PCM (POWERTRAIN CONTROL MODULE) OPERATION

Ignition OFF.

Disconnect and inspect all PCM 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 all the PCM 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 PCM. Refer to the appropriate article for the procedure.

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.

BN7 CHECK FOR CORRECT ICM (INFORMATION CENTER MODULE) OPERATION

Ignition OFF.

Disconnect and inspect ICM connector.

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 ICM 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 TSB instructions. If no Technical Service Bulletins (TSBs) address this concern, INSTALL a new ICM. REFER to: Information Center Module (ICM) .

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.