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- ☐ [PINPOINT TEST T : U0293:87](#)
- ☐ [PINPOINT TEST U : U1000:00](#)
- ☐ [PINPOINT TEST V : U2005:85](#)
- ☐ [PINPOINT TEST W : U2100:00, U2101:00 OR U2200:00](#)
- ☐ [PINPOINT TEST X : U3000:49](#)
- ☐ [PINPOINT TEST Y : BCM \(BODY CONTROL MODULE\) INPUT POWER VOLTAGE BELOW THRESHOLD](#)
- ☐ [PINPOINT TEST Z : U3006:1C](#)
- ☐ [PINPOINT TEST AA : BCM \(BODY CONTROL MODULE\) INPUT POWER VOLTAGE ABOVE THRESHOLD](#)

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Body Control Module C (BCMC)

Diagnostic Trouble Code (DTC) Chart

Diagnostics in this manual assume a certain skill level and knowledge of Ford-specific diagnostic practices.
REFER to: Diagnostic Methods (100-00 General Information, Description and Operation).

Diagnostic Trouble Code Chart

Module	DTC	Description	Action <i>New: hover over Pinpoint Test links to show title</i>
BCMC	U0100:87	Lost Communication With ECM/PCM "A": Missing Message	GO to Pinpoint Test A
BCMC	U0111:87	Lost Communication With Battery Energy Control Module "A": Missing Message	GO to Pinpoint Test B
BCMC	U0140:87	Lost Communication With Body Control Module: Missing Message	GO to Pinpoint Test C
BCMC	U0164:87	Lost Communication With HVAC Control Module: Missing Message	GO to Pinpoint Test D
BCMC	U024D:87	Lost Communication With "Seat Control Module J": Missing Message	GO to Pinpoint Test E
BCMC	U0293:87	Lost Communication With Hybrid/EV Powertrain Control Module: Missing Message	GO to Pinpoint Test F
BCMC	U1000:00	Solid State Driver Protection Active: Driver Disabled: No Sub Type Information	GO to Pinpoint Test G
BCMC	U2100:00	Initial Configuration Not Complete: No Sub Type Information	GO to Pinpoint Test H
BCMC	U2200:00	Control Module Configuration Memory Corrupt: No Sub Type Information	GO to Pinpoint Test H
BCMC	U3000:49	Control Module: Internal Electronic Failure	GO to Pinpoint Test I
BCMC	U3003:16	Battery Voltage: Circuit Voltage Below Threshold	GO to Pinpoint Test J
BCMC	U3003:17	Battery Voltage: Circuit Voltage Above Threshold	GO to Pinpoint Test K

Pinpoint Tests

[PINPOINT TEST A : U0100:87](#)

Refer to Wiring Diagrams Cell [14](#) for schematic and connector information.

Normal Operation and Fault Conditions

REFER to: Communications Network - System Operation and Component Description (418-00 Module Communications Network, Description and Operation).

DTC Fault Trigger Conditions

DTC	Description	Fault Trigger Condition
BCMC U0100:87	Lost Communication With ECM/PCM "A": Missing Message	A continuous memory DTC that sets in the BCMC if powertrain data messages received from the PCM are missing.

Possible Sources

- Communication network concern
- Charging system concern
- PCM
- BCMC

A1 VERIFY THE DIAGNOSTIC SCAN TOOL COMMUNICATES WITH THE PCM (POWERTRAIN CONTROL MODULE)

- Ignition ON.
- Connect the diagnostic tool.
- Check that a vehicle session can be established using the diagnostic scan tool.

Can a vehicle session be established?

Yes	GO to A2
No	REFER to: Communications Network (418-00 Module Communications Network, Diagnosis and Testing).

A2 RECHECK THE BCMC (BODY CONTROL MODULE C) CONTINUOUS MEMORY DIAGNOSTIC TROUBLE CODES (CMDTCS)

- Using a diagnostic scan tool, clear the Diagnostic Trouble Codes (DTCs).
- Wait 10 seconds.
- Using a diagnostic scan tool, check the BCMC Continuous Memory Diagnostic Trouble Codes (CMDTCS).

Is DTC U0100:87 retrieved again?

Yes	GO to A3
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.

A3 RETRIEVE THE PCM (POWERTRAIN CONTROL MODULE) DIAGNOSTIC TROUBLE CODES (DTCS)

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

Are any voltage system related Diagnostic Trouble Codes (DTCs) present?

Yes	REFER to: Electronic Engine Controls (303-14B Electronic Engine Controls - 3.0L EcoBoost, Diagnosis and Testing).
No	GO to A4

A4 RETRIEVE THE BCMC (BODY CONTROL MODULE C) DIAGNOSTIC TROUBLE CODES (DTCS)