

Instrument Panel and Interior Switches Illumination

DTC Chart: Body Control Module (BCM)

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).

BCM DTC Fault Trigger Conditions

DTC	Description	Action
B1315:11	Backlighting (Non Reflective Controls) Illumination Output: Circuit Short To Ground	GO to Pinpoint Test C
B1315:15	Backlighting (Non Reflective Controls) Illumination Output: Circuit Short To Battery or Open	If all non-networked illumination sources are inoperative, GO to Pinpoint Test C If all non-networked illumination sources are always on, GO to Pinpoint Test E
B1436:01	Digital Dimmer Switch Input: General Electrical Failure	GO to Pinpoint Test A
U1000:00	Solid State Driver Protection Active- Driver Disabled: No Sub Type Information	REFER to: Body Control Module (BCM) (419-10 Multifunction Electronic Modules, Diagnosis and Testing).
U3000:49	Control Module: Internal Electronic Failure	REFER to: Body Control Module (BCM) (419-10 Multifunction Electronic Modules, Diagnosis and Testing).
All other <u>BCM</u> Diagnostic Trouble Codes (DTCs)	-	REFER to: Body Control Module (BCM) (419-10 Multifunction Electronic Modules, Diagnosis and Testing).

Symptom Chart

Symptom Chart: Instrument Panel and Interior Switches Illumination

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Condition	Possible Sources	Action
A module does not respond to the diagnostic scan tool	• Fuse	REFER to: Communications Network (418-

	<ul style="list-style-type: none"> • Wiring, terminals or connectors • Module 	00 Module Communications Network, Diagnosis and Testing).
All illumination (networked and non-networked) does not dim or increase brightness	Refer to the Pinpoint Test	GO to Pinpoint Test A
All networked illumination is inoperative (non-networked illumination functions correctly)	Refer to the Pinpoint Test	GO to Pinpoint Test B
All non-networked illumination sources are inoperative (networked illumination functions correctly)	Refer to the Pinpoint Test	GO to Pinpoint Test C
All non-networked illumination sources are always on (networked illumination functions correctly)	Refer to the Pinpoint Test	GO to Pinpoint Test E
One or more non-networked illumination source is inoperative	Refer to the Pinpoint Test	GO to Pinpoint Test D
A single non-network illuminated switch or component is always on	Illuminated switch or component	INSTALL a new illuminated switch or component.
Steering wheel switch(es) illumination is inoperative	Refer to the Pinpoint Test	GO to Pinpoint Test I
The window control switch illumination is inoperative or always on	Refer to the Pinpoint Test	GO to Pinpoint Test F
The front door lock switch illumination is inoperative or always on	Refer to the Pinpoint Test	GO to Pinpoint Test G
The rear door lock switch illumination is inoperative or always on	Refer to the Pinpoint Test	GO to Pinpoint Test H
The <u>IPC</u> illumination is inoperative or does not dim	Refer to the Pinpoint Test	GO to Pinpoint Test J
The <u>FCIM</u> illumination is inoperative or does not dim	Refer to the Pinpoint Test	GO to Pinpoint Test K
The <u>FDIM</u> illumination is inoperative or does not dim	Refer to the Pinpoint Test	GO to Pinpoint Test L

Pinpoint Test

► **PINPOINT TEST A : ALL ILLUMINATION (NETWORKED AND NON-NETWORKED SOURCES) DOES NOT DIM OR INCREASE BRIGHTNESS**

► **PINPOINT TEST B : ALL NETWORKED ILLUMINATION IS INOPERATIVE (NON-NETWORKED ILLUMINATION FUNCTIONS CORRECTLY)**

► **PINPOINT TEST C : ALL NON-NETWORKED ILLUMINATION SOURCES ARE INOPERATIVE; NETWORKED ILLUMINATION FUNCTIONS CORRECTLY**

- ▶ PINPOINT TEST D : ONE OR MORE NON-NETWORKED ILLUMINATION SOURCE IS INOPERATIVE
- ▶ PINPOINT TEST E : ALL NON-NETWORKED ILLUMINATION IS ALWAYS ON; NETWORKED ILLUMINATION FUNCTIONS CORRECTLY
- ▶ PINPOINT TEST F : THE WINDOW CONTROL SWITCH ILLUMINATION IS INOPERATIVE OR DOES NOT DIM
- ▶ PINPOINT TEST G : THE FRONT DOOR LOCK SWITCH ILLUMINATION IS INOPERATIVE OR ALWAYS ON
- ▶ PINPOINT TEST H : THE REAR DOOR LOCK SWITCH ILLUMINATION IS INOPERATIVE OR ALWAYS ON
- ▶ PINPOINT TEST I : THE STEERING WHEEL SWITCH ILLUMINATION IS INOPERATIVE
- ▶ PINPOINT TEST J : THE IPC (INSTRUMENT PANEL CLUSTER) ILLUMINATION IS INOPERATIVE OR DOES NOT DIM
- ▶ PINPOINT TEST K : THE FCIM (FRONT CONTROLS INTERFACE MODULE) ILLUMINATION IS INOPERATIVE OR DOES NOT DIM
- ▶ PINPOINT TEST L : THE FDIM (FRONT DISPLAY INTERFACE MODULE) ILLUMINATION IS INOPERATIVE OR DOES NOT DIM

