

Is the voltage greater than 10 volts?

Yes	INSTALL a new component in question.
No	REPAIR the affected circuit.

**DIAGNOSIS AND TESTING > INSTRUMENT PANEL AND INTERIOR SWITCHES
ILLUMINATION > PINPOINT TEST > PINPOINT TEST D : ALL NON-NETWORKED
ILLUMINATION SOURCES ARE ALWAYS ON (NETWORKED ILLUMINATION
FUNCTIONS CORRECTLY)**

Refer to Cluster and Panel Illumination for schematic and connector information.

Normal Operation and Fault Conditions

The BCM provides pulse-width modulated voltage to all non-networked illumination sources.

DTC	Description	Fault Trigger Conditions
B1315:15	Backlighting (Non Reflective Controls) Illumination Output: Circuit Short To Battery or Open	This DTC sets in continuous memory and on-demand when the BCM detects a lower than expected current draw from the backlighting illumination output circuit.

Possible Sources

- Wiring, terminals or connectors
- Headlamp switch concern
- BCM

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D1 CHECK THE EXTERIOR LIGHTING

Ignition ON.

Place the headlamp switch in the OFF position.

Observe the exterior lighting components.

Are any exterior lighting components illuminated?

Yes	DIAGNOSE a concern with the headlamps. REFER to: Headlamps .
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No	GO to D2
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D2 CHECK FOR BCM (BODY CONTROL MODULE) DTC (DIAGNOSTIC TROUBLE CODE) B1315:15

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

Review the retrieved Diagnostic Trouble Codes (DTCs).

Is BCM DTC B1315:15 present?

Yes	GO to D3
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No	GO to Pinpoint Test A
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D3 CHECK THE BCM (BODY CONTROL MODULE) ILLUMINATION OUTPUT CIRCUIT FOR A SHORT TO VOLTAGE

Ignition OFF.

Disconnect: BCM C2280B .

Using the Terminal Release Kit, release and temporarily remove BCM C2280B-45 .

Connect: BCM C2280B .

Ignition ON.

Do the non-networked components continue to illuminate?

Yes	RE-INSTALL the terminal in the connector. REPAIR the circuit.
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No	RE-INSTALL the terminal in the connector. GO to D4
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D4 CHECK FOR CORRECT BCM (BODY CONTROL MODULE) OPERATION

Disconnect and inspect all BCM 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