

ILLUMINATION > PINPOINT TEST > PINPOINT TEST B : ALL NON-NETWORKED ILLUMINATION IS INOPERATIVE

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

Normal Operation and Fault Conditions

The dimmer switch is integral to the headlamp switch and provides a corresponding voltage signal to the BCM based on which switch is pressed (dim up or dim down).

DTC	Description	Fault Trigger Conditions
B1315:11	Backlighting (Non Reflective Controls) Illumination Output: Circuit Short To Ground	A continuous and on-demand DTC that sets in the BCM when the BCM detects an excessive current draw from the backlighting illumination circuit.
B1315:15	Backlighting (Non Reflective Controls) Illumination Output: Circuit Short To Battery or Open	A continuous and on-demand DTC that sets in the BCM when the BCM detects a lower than expected current draw from the backlighting illumination circuit.

Possible Sources

- Wiring, terminals or connectors
- Dimmer switch (part of the headlamp switch)
- BCM

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B1 RETRIEVE AND RECORD DIAGNOSTIC TROUBLE CODES (DTCS)

Ignition ON.

Using the diagnostic scan tool, retrieve all Diagnostic Trouble Codes (DTCs).

Is DTC B1315:11 or B1315:15 present?

Yes	For B1315:15 GO to B2 For B1315:11 GO to B4
No	REFER to Symptom Chart .

B2 CHECK THE BACKLIGHTING ILLUMINATION OUTPUT CIRCUIT FOR A SHORT TO VOLTAGE