

DIAGNOSIS AND TESTING > LOCKS, LATCHES AND ENTRY SYSTEMS > PINPOINT TESTS > PINPOINT TEST Q : THE KEYLESS ENTRY KEYPAD ILLUMINATION IS ALWAYS ON

Refer to Remote Keyless Entry and Alarm for schematic and connector information.

Normal Operations and Fault Conditions

REFER to: Handles, Locks, Latches and Entry Systems - System Operation and Component Description .

BCM DTC Fault Trigger Conditions

DTC	Description	Fault Trigger Conditions
B121A:15	Keypad Illumination Output: Circuit Short To Battery Or Open	Sets when the BCM detects a short to voltage from the keyless entry keypad illumination output circuit.

Possible Causes

- Wiring, terminals or connectors
- BCM

DIAGNOSIS AND TESTING > LOCKS, LATCHES AND ENTRY SYSTEMS > PINPOINT TESTS > PINPOINT TEST Q : THE KEYLESS ENTRY KEYPAD ILLUMINATION IS ALWAYS ON > PINPOINT TEST Q : THE KEYLESS ENTRY KEYPAD ILLUMINATION IS ALWAYS ON

Q1 CHECK THE KEYLESS ENTRY KEYPAD ILLUMINATION



NOTE: It is normal operation for the keypad to illuminate when the illuminated entry/exit feature is active. Make sure all the doors are closed and the feature times out.

Ignition ON.

Wait 45 seconds and observe the keyless entry keypad illumination.

Is the keyless entry keypad illumination always on?

Yes	GO to Q2
No	The system is operating as designed. INFORM the customer of the correct system operation.

Q2 ISOLATE THE BCM (BODY CONTROL MODULE) CHECK THE BCM (BODY CONTROL MODULE) KEYPAD ILLUMINATION OUTPUT CIRCUIT FOR A SHORT TO VOLTAGE