

B1614 PANEL ILLUMINATION CONTROL CIRCUIT HIGH

- 1). When Monitored:
With the Ignition on, and the Panel Illumination not active.
- 2). Set Condition:
Panel Illumination status HIGH.

Possible Causes
1. (E12) PANEL LAMPS DRIVER CIRCUIT FOR AN OPEN
2. INSTRUMENT CLUSTER

Diagnostic Test

- 1). CHECK FOR AN ACTIVE DTC
Turn the ignition on.
With the scan tool, record and erase DTCs.
Activate the Panel Illumination.
Wait 30 seconds.
With the scan tool, read DTCs.

Is the DTC active?

Yes >> Go To 2

No >> The condition that caused this code to set is not present at this time.
Check for an intermittent condition by inspecting the related wiring harness for chaffed, pierced, pinched, and partially broken wires. Also inspect the related connectors for broken, bent, pushed out, spread, corroded, or contaminated terminals.
Perform BODY VERIFICATION TEST - VER 1.

2). CHECK (E12) PANEL LAMPS DRIVER CIRCUIT FOR AN OPEN

Turn the ignition off.

Disconnect the Instrument Cluster C3 harness connector.

Disconnect the Headlamp Switch harness connector.

Measure the resistance of the (E12) Panel Lamps Driver Circuit between the Instrument Cluster C3 harness connector and the Headlamp Switch harness connector.

Is the resistance above 5.0 ohms?

Yes >> Repair the (E12) Panel Lamps Driver Circuit for an open.

Perform BODY VERIFICATION TEST - VER 1.

No >> Replace the Instrument Cluster in accordance with the service information.

Perform BODY VERIFICATION TEST - VER 1.

