

B161B COURTESY/DOME LAMP CONTROL CIRCUIT LOW

- 1). When Monitored:
With the ignition on.
- 2). Set Condition:
The Cluster detects a Short to Ground on the (M24) Courtesy Lamps Driver circuit.

Possible Causes
1. (M24) COURTESY LAMPS DRIVER CIRCUIT SHORT TO GROUND INSTRUMENT CLUSTER

Diagnostic Test

- 1). INTERMITTENT CONDITION
Turn the ignition on.
Clear all Cluster DTCs.
Turn the Courtesy Lamps on.
With the Scan Tool, read the Cluster DTCs.

Does the Scan Tool read: B161B-COURTESY/DOME LAMP OUTPUT
CIRCUIT SHORT TO GROUND?

Yes >> Go To 2

- No** >> The conditions that caused this code to set are not present at this time.
Using the wiring diagram/schematic as a guide, inspect the wiring and connectors.
Perform the BODY VERIFICATION TEST — VER 1. (Refer to 8 -
ELECTRICAL/ELECTRONIC CONTROL
MODULES/FRONT CONTROL MODULE - DIAGNOSIS AND TESTING)

2). (M24) COURTESY LAMPS DRIVER CIRCUIT SHORT TO GROUND

Turn the ignition on.

Disconnect the Instrument Cluster C3 connector.

Measure the resistance of the (M24) Courtesy Lamp Driver circuit to ground.

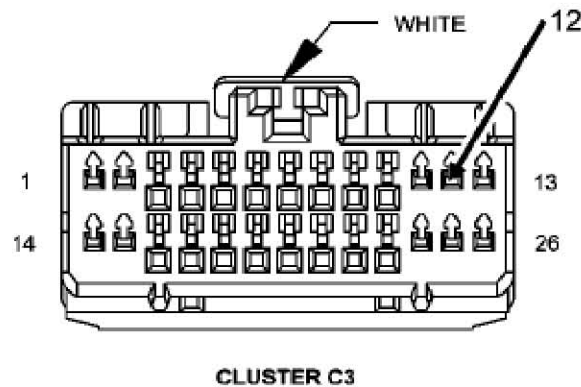
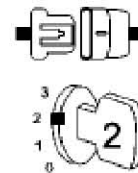
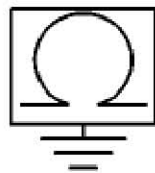
Is the resistance below 5.0 ohms?

Yes >> Repair the (M24) Courtesy lamp Driver circuit for a short to ground.

Perform the BODY VERIFICATION TEST — VER 1. (Refer to 8 - ELECTRICAL/ELECTRONIC CONTROL MODULES/ FRONT CONTROL MODULE - DIAGNOSIS AND TESTING)

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

Perform the BODY VERIFICATION TEST — VER 1.



CLUSTER C3