

# B161F READING LAMP CONTROL CIRCUIT LOW

- 1). When Monitored:  
With the ignition on.
- 2). Set Condition:  
The Cluster detects a short to ground on the (M27) Reading/Rail Lamps Driver circuit.

| Possible Causes                    |
|------------------------------------|
| 1. (M27) READING/RAIL LAMPS DRIVER |
| 2. INSTRUMENT CLUSTER              |

## Diagnostic Test

- 1). INTERMITTENT CONDITION  
Turn the ignition on.  
Clear all Cluster DTCs.  
Turn the Driver Reading Lamps on.  
With the Scan Tool read the DTC information.

Does the Scan Tool read: B161F-READING LAMP CONTROL CIRCUIT LOW?

**Yes** >> Go To 2

**No** >> The condition that caused the symptom is currently not present. Inspect the related wiring for a possible intermittent condition. Look for any chafed, pierced, pinched, or partially broken wires.  
Perform the BODY VERIFICATION TEST-VER1. (Refer to 8 - ELECTRICAL/ELECTRONIC CONTROL MODULES/FRONT CONTROL MODULE - DIAGNOSIS AND TESTING)

**2). (M27) READING/RAIL LAMPS DRIVER**

Turn the ignition off.

Disconnect the Cluster C3 harness connector.

Measure the resistance between ground and the (M27) Reading/Rail Lamps Driver circuit.

Is the resistance below 5.0 ohms?

**Yes** >> Repair the (M27) Reading/Rail Lamps Driver circuit for a short to ground.

Perform the BODY VERIFICATION TEST-VER1.

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

Perform the BODY VERIFICATION TEST-VER1. (Refer to 8 - ELECTRICAL/ELECTRONIC CONTROL MODULES/ FRONT CONTROL MODULE - DIAGNOSIS AND TESTING)

