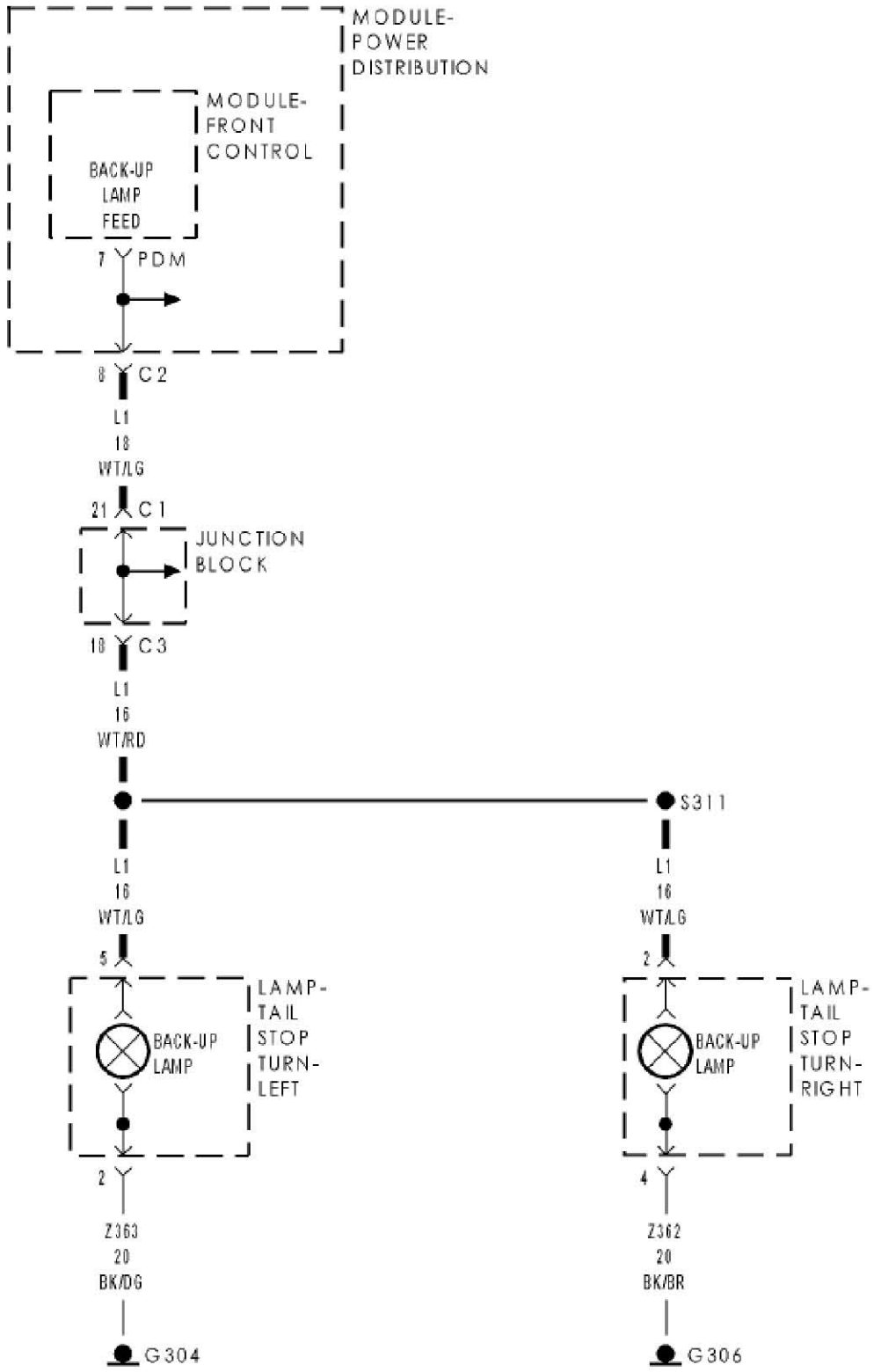
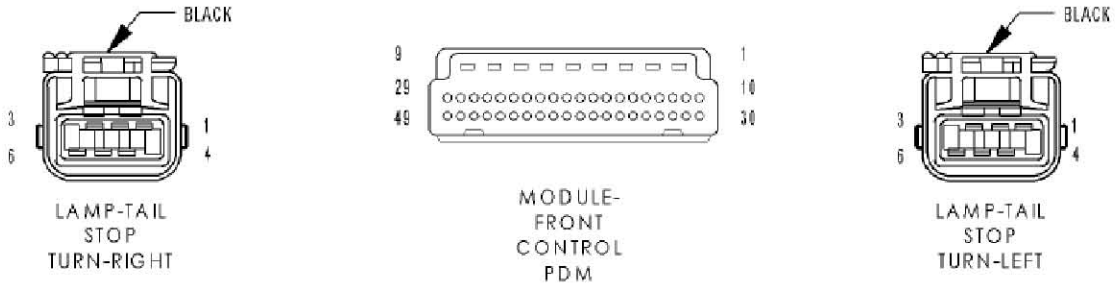
B1668 REVERSE LAMP CONTROL CIRCUIT HIGH





1). When Monitored:
Continuously
2). Set Condition:
When the Front Control Module detects a short to battery on the Control circuit.

Possible Causes
1. (L1) BACKUP LAMPS CONTROL CIRCUIT
2. POWER DISTRIBUTION CENTER
3. FRONT CONTROL MODULE

Diagnostic Test

1). TEST FOR INTERMITTENT CONDITION
Turn the ignition on.
Clear all FCM DTC's
Turn the Right Turn Signal on.
With the scan tool, read DTC's.

Does the scan tool read: B1668-REVERSE LAMP CONTROL CIRCUIT HIGH?

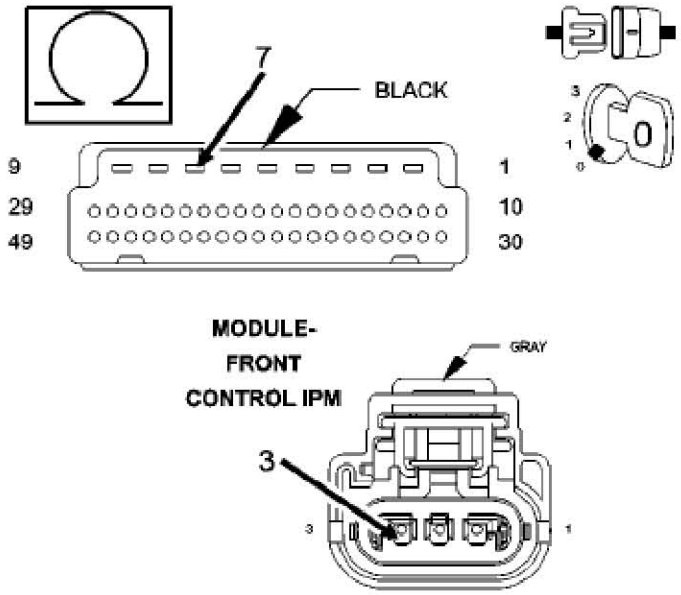
Yes >> Go To 2

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 BODY VERIFICATION TEST - VER 1.

2). L1 BACKUP LAMPS CONTROL CIRCUIT
Turn the ignition off.
Disconnect the PDM connector from the FCM.
Measure the resistance of the (L1) Backup Lamps Control circuit.
Is the resistance above 5.0 ohms?

No >> Repair the (L1) Backup Lamps Control circuit.
Perform BODY VERIFICATION TEST - VER 1.

Yes >> Go To 3



3). FRONT CONTROL MODULE

Turn the ignition off.

Disconnect the Front Control Module from the PDM 49 way connector.

Measure the voltage between (L1) Backup Lamps Control circuit and ground.

Is there any voltage present?

Yes >> Replace the Power Distribution Center.
Perform BODY VERIFICATION TEST - VER 1.

No >> Replace the Front Control Module.
Perform BODY VERIFICATION TEST - VER 1.