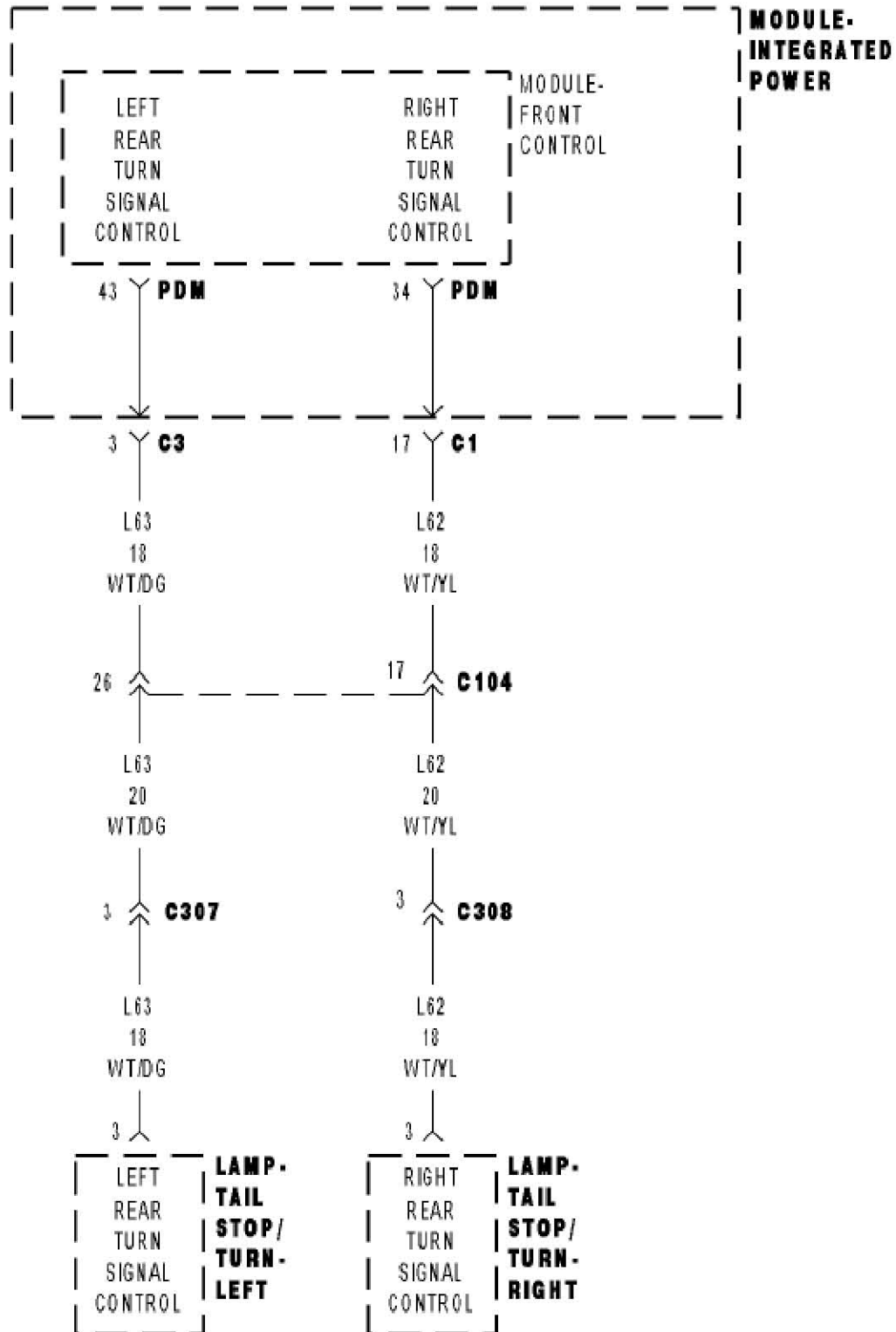
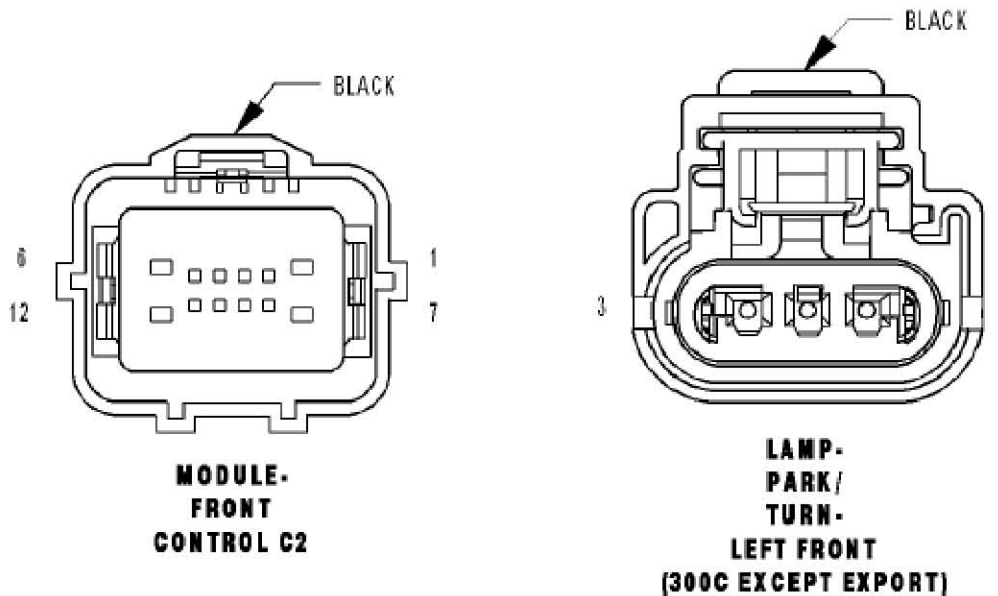


# B1647 REAR RIGHT TURN CONTROL CIRCUIT LOW





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

#### Possible Causes

1. (L62) REAR RIGHT TURN SIGNAL CONTROL CIRCUIT
2. MODULE POWER DISTRIBUTION CENTER
3. FRONT CONTROL MODULE

## Diagnostic Test

- 1). INTERMITTENT CONDITION  
Turn the ignition on.  
With the Scan Tool, clear all FCM DTC's.  
Turn the Right Turn Signals on.  
With the Scan Tool read the DTC information.

Does the Scan Tool read: B1647-REAR RIGHT TURN 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.

2). L62 RIGHT TURN SIGNAL CONTROL CIRCUIT

Turn the ignition off.

Disconnect the FCM PDM connector.

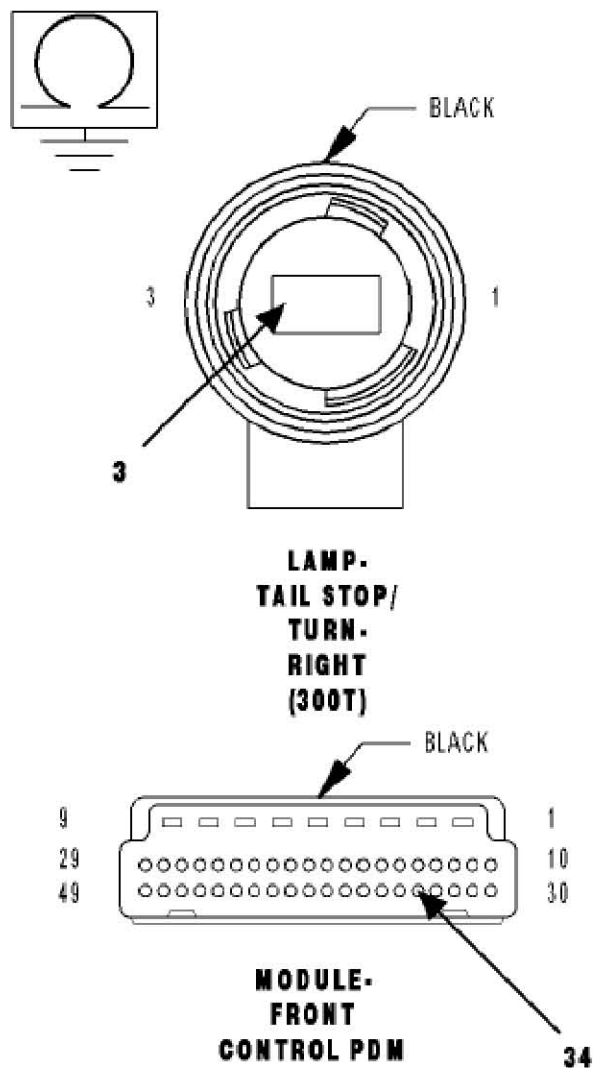
Measure the resistance between ground and the (L62) Rear Turn Signal Control circuit.

Is the resistance below 5.0 ohms?

**Yes** >> Go To 3

**No** >> Repair the (L62) Rear Right Turn Signal Control circuit for a short to ground.

Perform the BODY VERIFICATION TEST-VER1.



**3). FRONT CONTROL MODULE**

Turn the ignition off.

Disconnect the FCM connector.

Disconnect the PDM connector.

Measure the resistance between ground and the (L62) Right Turn Signal Control circuit in the PDM.

Is the resistance below 5.0 ohms?

**Yes** >> Replace the Module Power Distribution Center in accordance with the service information.

Perform the BODY VERIFICATION TEST-VER1.

**No** >> Replace the Front Control Module in accordance with the service information.

Perform the BODY VERIFICATION TEST-VER1.