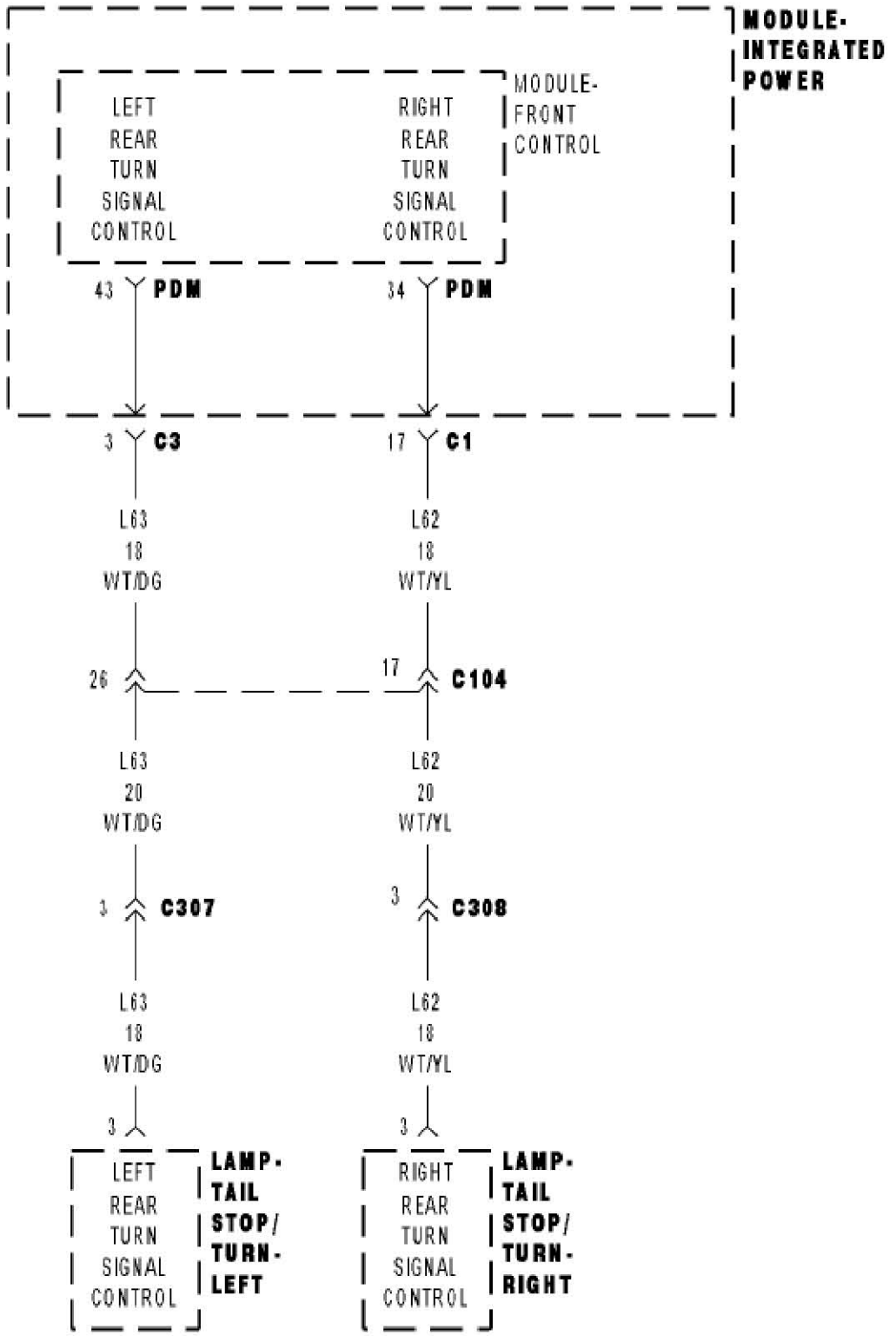
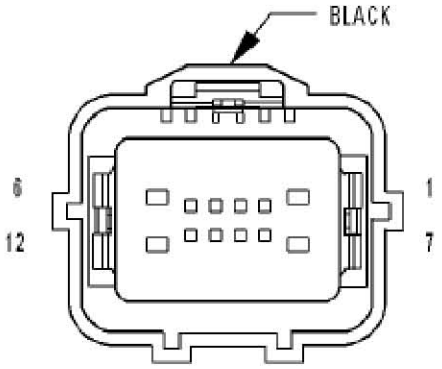
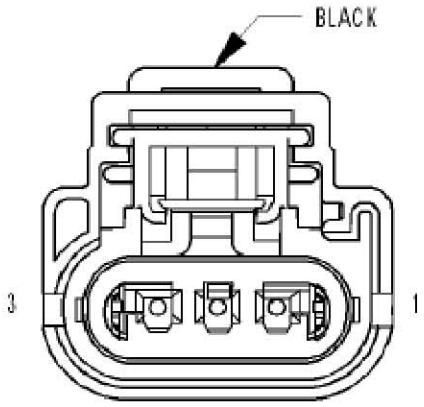
B1643 REAR LEFT TURN CONTROL CIRCUIT LOW





MODULE-
FRONT
CONTROL C2



LAMP-
PARK/
TURN-
LEFT FRONT
(300C EXCEPT EXPORT)

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

Possible Causes
1. (L60) TURN SIGNAL CONTROL CIRCUIT
2. 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 Left Turn Signals on.
With the Scan Tool read the DTC information.

Does the Scan Tool read: B1643-REAR LEFT 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). L63 LEFT TURN SIGNAL CONTROL CIRCUIT

Turn the ignition off.

Disconnect the FCM PDM connector.

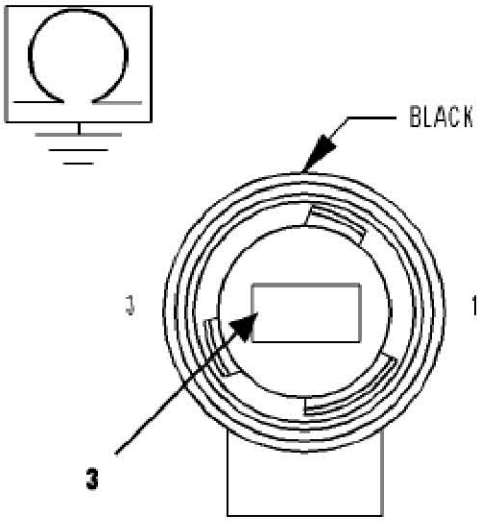
Measure the resistance between ground and the (L63) Rear Left Turn Signal Control circuit.

Is the resistance below 5.0 ohms?

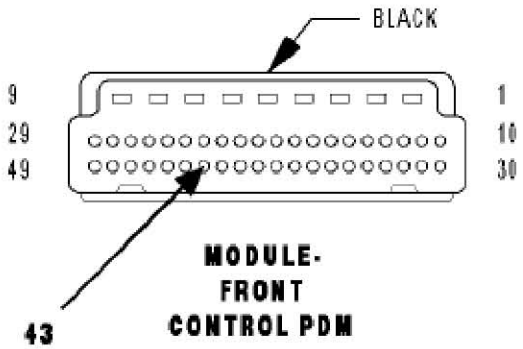
Yes >> Go To 3

No >> Repair the (L63) Rear Left Turn Signal Control circuit for a short to ground.

Perform the BODY VERIFICATION TEST-VER1.



LAMP-
TAIL STOP/
TURN-
LEFT
(300T)



MODULE-
FRONT
CONTROL PDM

3). FRONT CONTROL MODULE

Turn the ignition off.

Disconnect the FCM connector.

Disconnect the PDM connector.

Measure the resistance between ground and the (L63) Left 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.