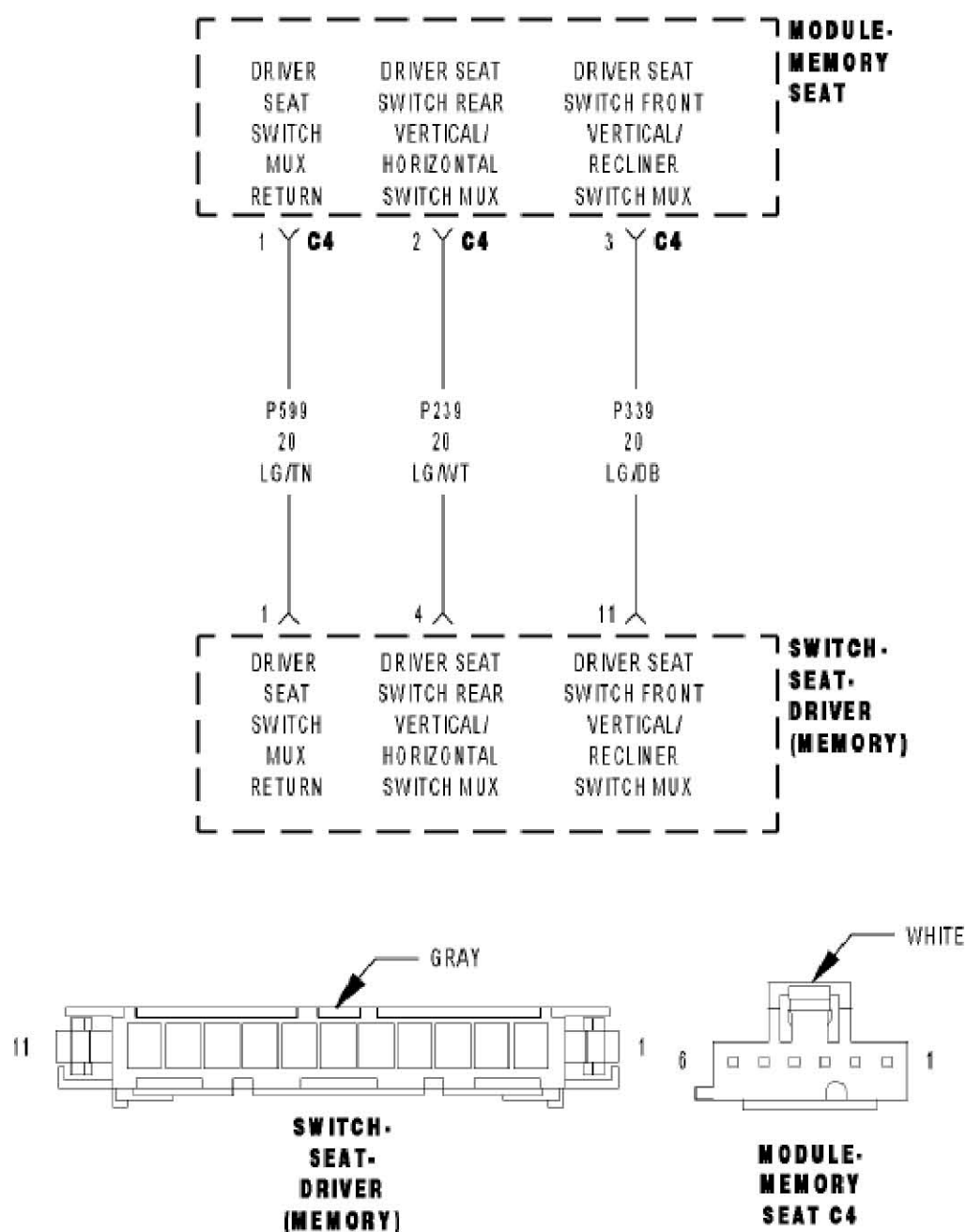


B1D63 POWER SEAT SWITCH OPEN



- 1). When Monitored:
Continuously
- 2). Set Condition:
When the Memory Seat Module detects an open driver seat switch MUX circuit this code will set.

Possible Causes
1. (P239) DRIVER SEAT REAR VERTICAL/HORIZONTAL SWITCH MUX OPEN
2. (P339) DRIVER SEAT FRONT VERTICAL/RECLINER SWITCH MUX OPEN
3. (P599) DRIVER SEAT SWITCH MUX RETURN OPEN
4. DRIVER SEAT SWITCH
5. MEMORY SEAT MODULE

Diagnostic Test

- 1). TEST FOR INTERMITTENT CONDITION
Turn the ignition on.
With the scan tool, record and erase DTC's
Press the Seat Switch in all directions several times.
Wait one minute.
With the scan tool, read DTC's.

Does the scan tool display B1D63–POWER SEAT SWITCH OPEN?

Yes >> Replace the Driver Seat Switch as necessary.

Perform POWER SEAT SYSTEM VERIFICATION TEST - VER 1.

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 POWER SEAT SYSTEM VERIFICATION TEST - VER 1.

(Refer to 8 - ELECTRICAL/POWER SEATS - DIAGNOSIS AND TESTING)

2). CHECK THE (P239) DRIVER SEAT REAR VERTICAL/HORIZONTAL SWITCH MUX CIRCUIT RESISTANCE

Disconnect the Memory Seat Module C4 connector.

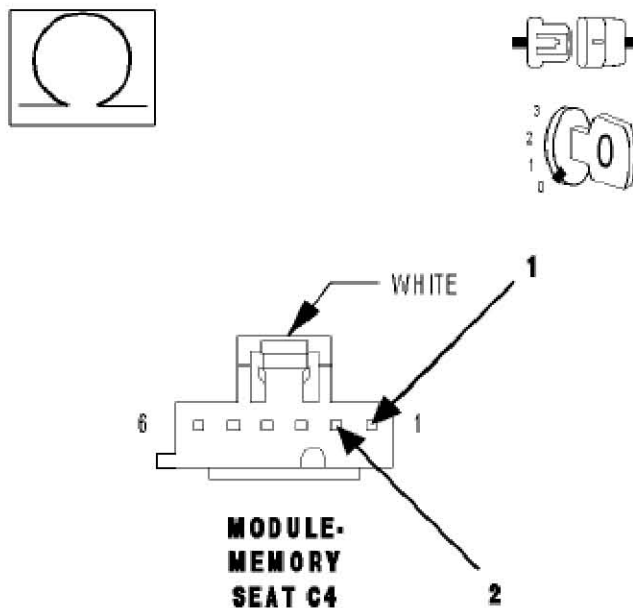
NOTE: Check connectors - Clean and repair as necessary.

Measure the resistance between the (P239) Driver Seat Rear Vertical/Horizontal Switch MUX circuit and the (P599) Driver Seat Switch MUX Return circuit in the C4 connector.

Is the resistance 47.0 ohms + or – 1.0?

Yes >> Go To 3

No >> Go To 5



3). CHECK THE (P339) DRIVER SEAT FRONT VERTICAL/RECLINER SWITCH MUX CIRCUIT RESISTANCE

Measure the resistance between the (P339) Driver Seat Front Vertical/Recliner Switch MUX circuit and the (P599) Driver Seat Switch MUX Return circuit in the C4 connector.

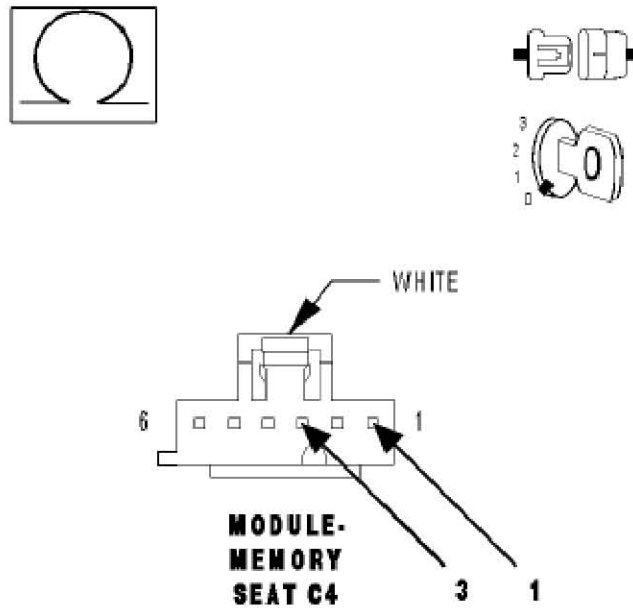
Is the resistance 47.0 ohms + or – 1.0?

Yes >> Replace the Memory Seat Module.

Perform POWER SEAT SYSTEM VERIFICATION TEST –

VER 1 (Refer to 8 - ELECTRICAL/POWER SEATS - DIAGNOSIS AND TESTING)

No >> Go To 4



4). CHECK THE (P339) DRIVER SEAT FRONT VERTICAL/RECLINER SWITCH MUX WIRE RESISTANCE

Disconnect the Driver Seat Switch.

NOTE: Check connectors - Clean and repair as necessary.

Measure the resistance of the (P339) Driver Seat Front Vertical/Recliner Switch MUX circuit between the C4 connector and the Driver Seat Switch connector.

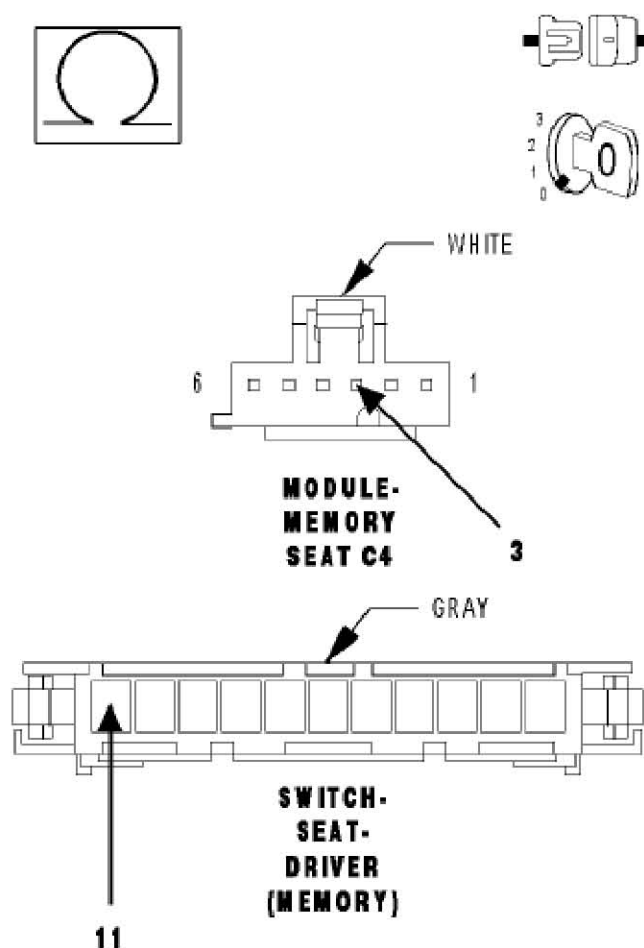
Is the resistance below 1.0 ohm?

Yes >> Replace the Driver Seat Switch.

Perform POWER SEAT SYSTEM VERIFICATION TEST –
VER 1 (Refer to 8 - ELECTRICAL/POWER SEATS - DIAGNOSIS
AND TESTING)

No >> Repair the (P339) Driver Seat Front Vertical/Recliner Switch MUX circuit for an open.

Perform POWER SEAT SYSTEM VERIFICATION TEST –
VER 1 (Refer to 8 - ELECTRICAL/POWER SEATS - DIAGNOSIS
AND TESTING)



5). CHECK THE (P239) DRIVER SEAT REAR VERTICAL/HORIZONTAL SWITCH MUX WIRE RESISTANCE

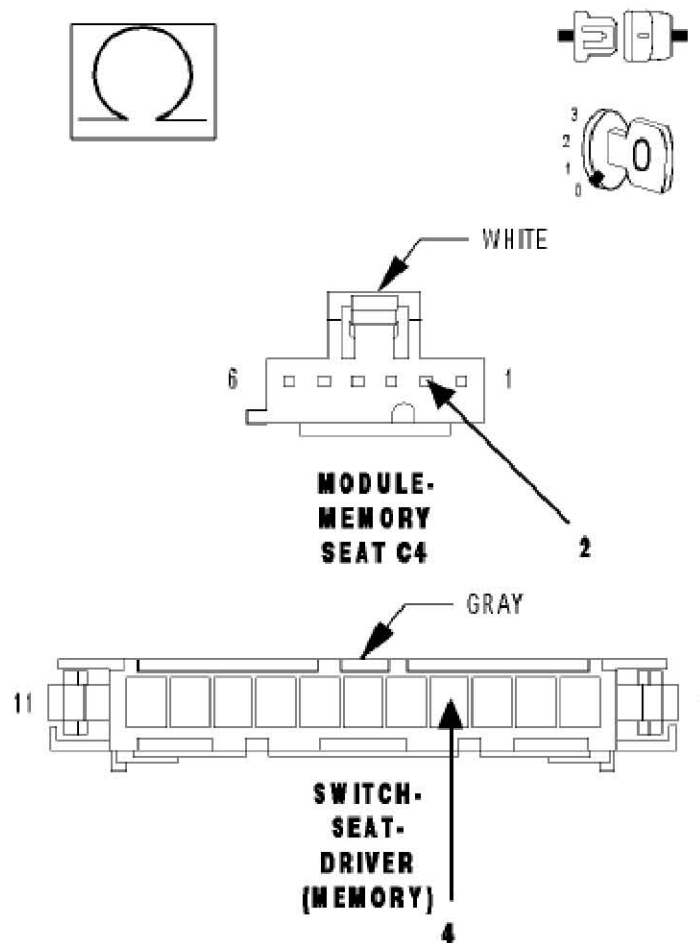
Measure the resistance of the (P239) Driver Seat Rear Vertical/Horizontal Switch MUX circuit between the C4 connector and the Driver Seat Switch connector.

Is the resistance below 1.0 ohm?

Yes >> Go To 6

No >> Repair the (P239) Driver Seat Rear Vertical/Horizontal Switch MUX circuit for an open.

Perform POWER SEAT SYSTEM VERIFICATION TEST – VER 1 (Refer to 8 - ELECTRICAL/POWER SEATS - DIAGNOSIS AND TESTING)



6). CHECK THE (P599) DRIVER SEAT SWITCH MUX RETURN WIRE RESISTANCE

Measure the resistance of the (P599) Driver Seat Switch MUX Return circuit between the C4 connector and the Driver Seat Switch connector.

Is the resistance below 1.0 ohm?

Yes >> Replace the Driver Seat Switch.

Perform BODY VERIFICATION TEST – VER 1

No >> Repair the (P599) Driver Seat Switch MUX Return circuit for an open.

Perform POWER SEAT SYSTEM VERIFICATION TEST – VER 1 (Refer to 8 - ELECTRICAL/POWER SEATS - DIAGNOSIS AND TESTING)

