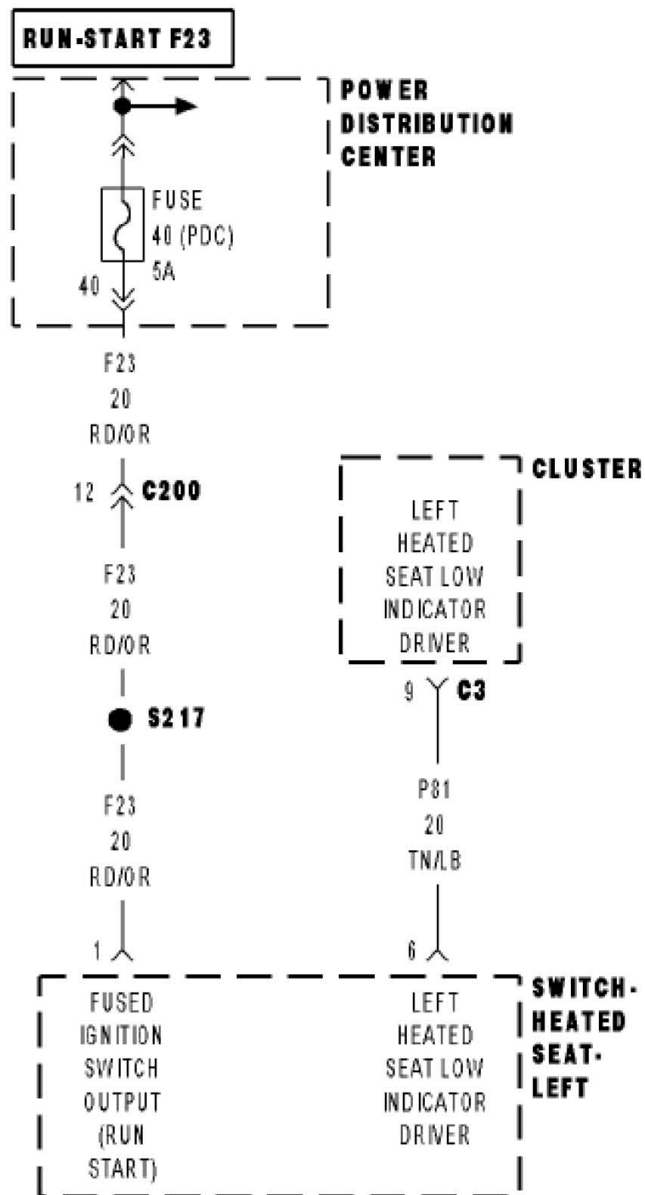
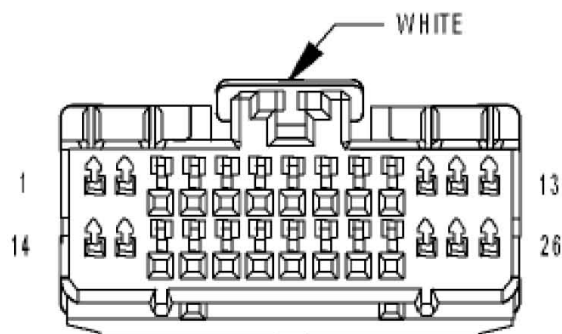
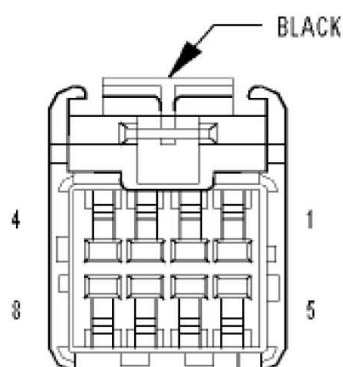


# B1217 LEFT HEATED SEAT LOW INDICATOR CONTROL CIRCUIT OPEN



**CLUSTER C3****SWITCH-  
HEATED SEAT-  
LEFT**

- 1). When Monitored:  
Continuously with the ignition on.
  
- 2). Set Condition:  
This code is set immediately when the Cluster detects excessive voltage on the heated seat indicator control circuit.

Possible Causes
1. PDC FUSE #8 2. PDC FUSE #40 3. (F23) FUSED IGNITION SWITCH OUTPUT (RUN-START) CIRCUIT OPEN 4. (P81) LEFT HEATED SEAT LOW INDICATOR DRIVER CIRCUIT OPEN/SHORTED TO GROUND 5. LEFT HEATED SEAT SWITCH 6. CLUSTER

## Diagnostic Test

- 1). VERIFY THAT DTC B1217-LEFT HEATED SEAT LO INDICATOR CONTROL CIRCUIT OPEN IS ACTIVE.

With the scan tool, record and erase DTC's

Operate the Heated Seat Switch in both positions several times.

With the scan tool, read DTC's.

Does the DTC B1217-LEFT HEATED SEAT LO INDICATOR CONTROL CIRCUIT OPEN reset?

**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). INSPECT PDC FUSES

Check PDC fuses #8 and #40.

Is either fuse open?

**Yes** >> Check for a possible short to ground on the (F23) Fused Ignition Switch Output (Run-Start) Circuit and replace the fuse as necessary.  
Perform BODY VERIFICATION TEST – VER 1.

**No** >> Go To 3

3). DISCONNECT THE CLUSTER C3 CONNECTOR AND CHECK FOR VOLTAGE

Reinstall fuse if removed in previous test.

Disconnect the Cluster C3 connector.

**NOTE:** Check connectors - Clean and repair as necessary.

Turn the ignition on.

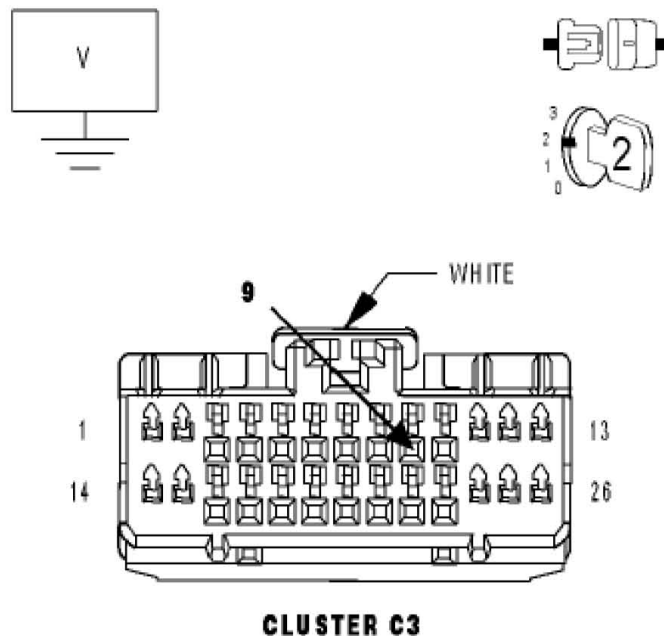
Measure the voltage at the (P81) Left Heated Seat Low Indicator Driver circuit at the Cluster C3 connector.

Is the voltage above 10.0 volts?

**Yes** >> Replace the Cluster in accordance with the Service Information.

Perform BODY VERIFICATION TEST – VER 1.

**No** >> Go To 4



4). CHECK THE (F23) FUSED IGNITION SWITCH OUTPUT (RUN-START)

Disconnect the Left Heated Seat switch connector.

**NOTE:** Check connectors - Clean and repair as necessary.

Turn the ignition on.

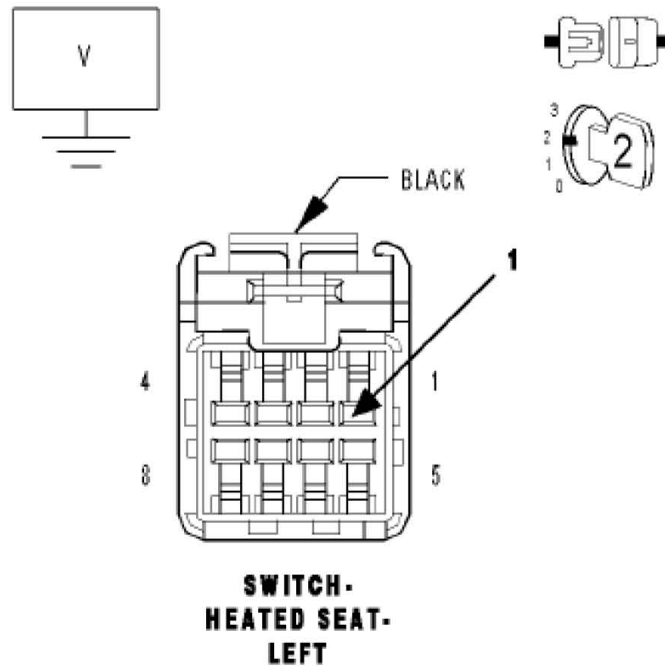
Measure the voltage of the (F23) Fused Ignition Switch Output (Run-Start) circuit at the Left Heated Seat Switch connector.

Is the voltage above 10.0 volts ?

**Yes** >> Go To 5

**No** >> Repair the (F23) Fused Ignition Switch Output (Run-Start) circuit for an open.

Perform BODY VERIFICATION TEST – VER 1.



5). CHECK THE (P81) LEFT HEATED SEAT LO INDICATOR DRIVER CIRCUIT FOR A SHORT TO GROUND

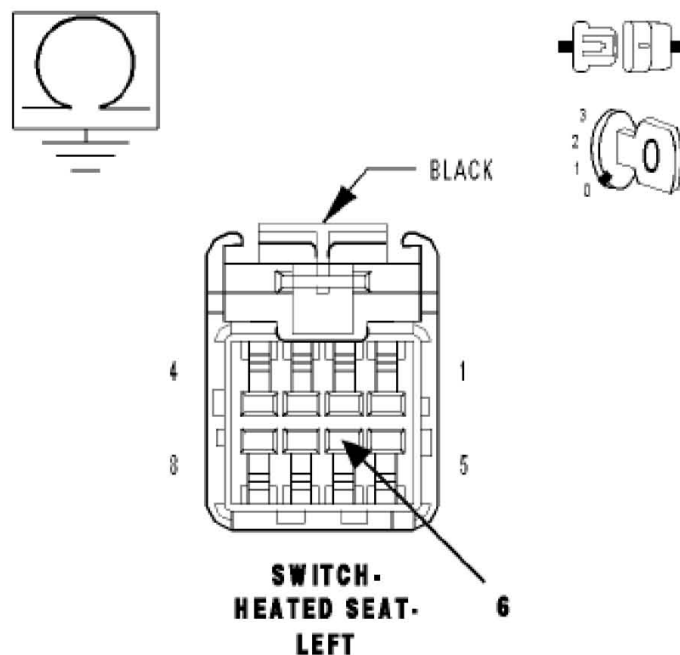
Measure the resistance between ground and the (P81) Left Heated Seat Lo Indicator Driver circuit.

Was the resistance below 5.0 ohms?

**Yes** >> Repair the (P81) Left Heated Seat Lo Indicator Driver circuit for a short to ground

Perform BODY VERIFICATION TEST – VER 1.

**No** >> Go To 6



6). CHECK THE (P81) LEFT HEATED SEAT LO INDICATOR DRIVER CIRCUIT FOR AN OPEN

Measure the resistance of the (P81) Left Heated Seat Lo Indicator Driver circuit between the Cluster C3 connector and the Driver Heated Seat Switch connector.

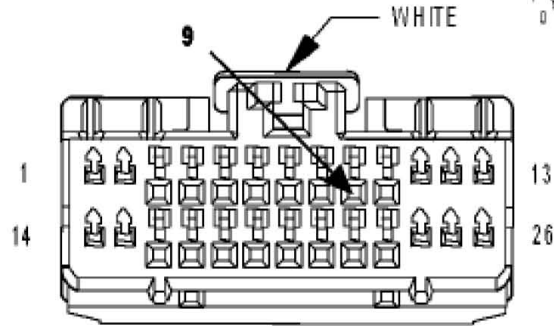
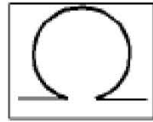
Is the resistance below 5.0 ohms?

**Yes** >> Replace the Left Heated Seat Switch.

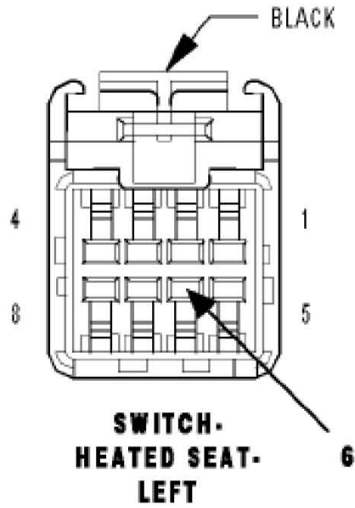
Perform BODY VERIFICATION TEST – VER 1.

**No** >> Repair the (P81) Left Heated Seat Lo Indicator Driver circuit for an open.

Perform BODY VERIFICATION TEST – VER 1.



**CLUSTER C3**



**SWITCH-  
HEATED SEAT-  
LEFT**