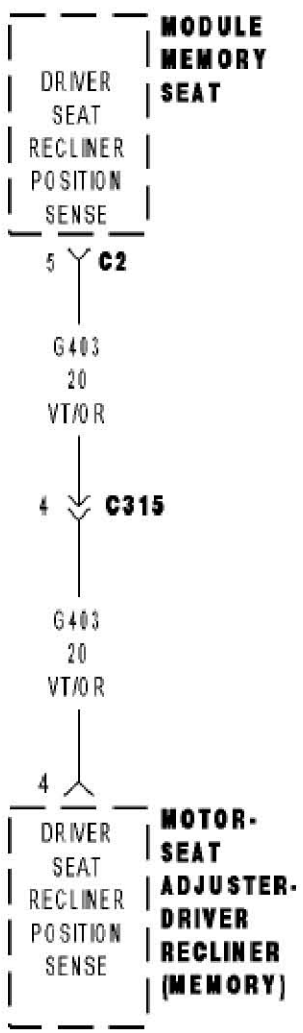
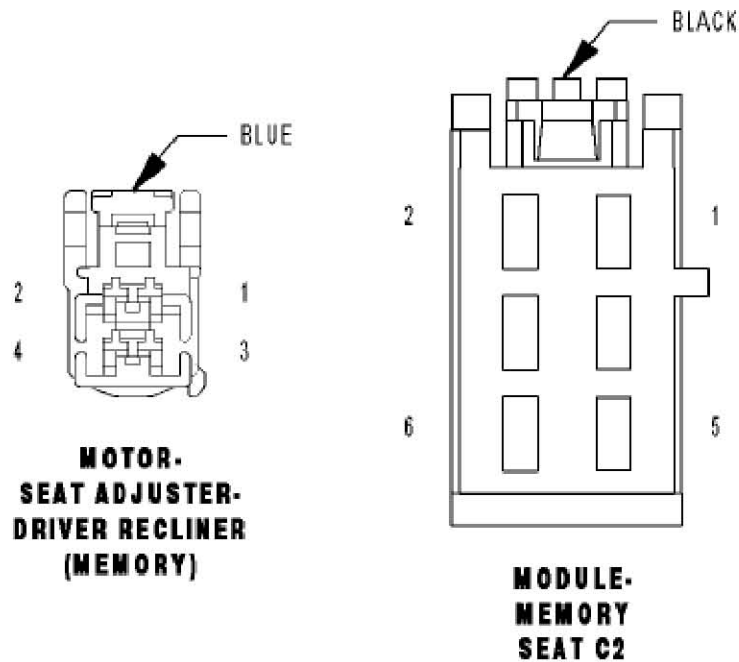


B1D7A SEAT RECLINER POSITION SENSOR CIRCUIT HIGH





1). When Monitored:

When the seat motor is activated (sensor supply voltage is switched on whenever motor is activated).

2). Set Condition:

If during motor operation the sensor voltage is not within a specified range this code will set. This DTC will only set when the seat switch is moved in the same direction three consecutive times.

Possible Causes
1. (G403) DRIVER SEAT RECLINER POSITION SENSE CIRCUIT SHORTED TO VOLTAGE
2. DRIVER RECLINER SEAT ADJUSTER MOTOR
3. MEMORY SEAT MODULE

Diagnostic Test

1). TEST FOR INTERMITTENT CONDITION

Turn the ignition on.

With the scan tool, record and erase DTC's

Move the Seat Switch in the Horizontal position 3 times.

With the scan tool, read DTC's.

Does the scan tool display B1D7A–SEAT BACKREST POSITION SENSOR 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 POWER SEAT SYSTEM VERIFICATION TEST - VER 1.

2). CHECK THE (G403) DRIVER SEAT RECLINER POSITION SENSE VOLTAGE

Disconnect the Driver Recliner Seat Adjuster Motor.

NOTE: Check connectors – Clean and repair as necessary.

With the scan tool erase DTC's

Move the seat switch in the both recliner positions 3 times.

With the scan tool, read DTC's.

Does the same DTC reset?

No >> Inspect the position sense wire for a possible intermittent short to voltage from another circuit, if OK replace the Driver Recliner Seat Adjuster Motor assembly.

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

Yes >> Inspect the position sense wire for a possible short to voltage from another circuit, if OK replace the Memory Seat Module.

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