

The customer access blunt cut circuit is always powered.	Wiring, terminals or connectors Snowplow relay or fuse	GO to PINPOINT TEST A : B14B6:12, B14B6:14
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DIAGNOSIS AND TESTING > SNOW PLOW PACKAGE > PINPOINT TESTS > PINPOINT TEST A : B14B6:12, B14B6:14

Refer to Customer Access for schematic and connector information.

Normal Operation and Fault Conditions

REFER to: Snow Plow Package .

Diagnostic Trouble Code (DTC) Fault Trigger Conditions

DTC	Description	Fault Trigger Conditions
B14B6:12	Snow Plow Output: Circuit Short To Battery	This DTC sets in the BCM if the voltage is detected on the rear heated seats/customer access relay control circuit.
B14B6:14	Snow Plow Output: Circuit Short To Ground or Open	This DTC sets in the BCM if no current draw is detected on the rear heated seats/customer access relay control circuit.

Possible Sources

- BCM
- BJB
- BJB rear heated seats/customer access relay
- Wiring, terminals or connectors

Visual Inspection and Diagnostic Pre-checks

- Verify BJB fuse 20 (15A).
- Inspect BJB rear heated seats/customer access relay.

DIAGNOSIS AND TESTING > SNOW PLOW PACKAGE > PINPOINT TESTS > PINPOINT TEST A : B14B6:12, B14B6:14 > PINPOINT TEST A : B14B6:12, B14B6:14

A1 PERFORM INSPECTION AND VERIFICATION

Perform Inspection and Verification procedure in this article.

Was an obvious cause for an observed or reported concern found?

Yes	CORRECT the cause as necessary.
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No	GO to A2
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A2 VERIFY BJB (BATTERY JUNCTION BOX) FUSE

VERIFY BJB fuse 20 (15A) is OK.

Is fuse OK?

Yes	GO to A3
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No	REFER to the OEM WIRING DIAGRAMS to identify the possible causes of the circuit short.
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A3 CHECK THE REAR HEATED SEATS/CUSTOMER ACCESS RELAY

Carry out the component test on the rear heated seats/customer access relay. Refer to Component Testing for schematic and connector information.

Is relay OK?

Yes	GO to A4
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No	INSTALL a new rear heated seats/customer access relay.
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A4 CHECK THE REAR HEATED SEATS/CUSTOMER ACCESS RELAY CONTROL CIRCUIT FOR A SHORT TO VOLTAGE

Remove the rear heated seats/customer access relay.

Disconnect BCM C2280F .

Ignition ON.

Measure:

Positive Lead	Measurement / Action	Negative Lead
C2280F-34		Ground

Is any voltage present?

Yes	REPAIR the circuit.
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No	GO to A5
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A5 CHECK THE REAR HEATED SEATS/CUSTOMER ACCESS RELAY CONTROL CIRCUIT FOR A SHORT TO GROUND

Ignition OFF.

Measure:

Positive Lead	Measurement / Action	Negative Lead
C2280F-34	Ω	Ground

Is the resistance greater than 10, 000 ohms?

Yes	GO to A6
No	REPAIR the circuit.

A6 CHECK THE REAR HEATED SEATS/CUSTOMER ACCESS RELAY CONTROL CIRCUIT FOR AN OPEN

Ignition OFF.

Measure:

Positive Lead	Measurement / Action	Negative Lead
C2280F-34	Ω	BJB rear heated seats/customer access relay pin 2

Is the resistance less than 3 ohms?

Yes	GO to A7
No	REPAIR the circuit.

A7 CHECK FOR CORRECT BCM (BODY CONTROL MODULE) OPERATION

Ignition OFF.

Disconnect and inspect all BCM connectors.

Repair:

corrosion (install new connector or terminals - clean module pins)

damaged or bent pins - install new terminals/pins

pushed-out pins - install new pins as necessary

Reconnect the BCM connectors. Make sure they seat and latch correctly.

Operate the system and determine if the concern is still present.

Is the concern still present?