

Positive Lead	Measurement / Action	Negative Lead
C701-3	Ω	C535-5

Is the resistance less than 3 ohms?

Yes	INSTALL a new master window control switch. REFER to: Front Door Window Control Switch - Vehicles With: Front Power Windows .
No	REPAIR the circuit.

DIAGNOSIS AND TESTING > GLASS, FRAMES AND MECHANISMS > PINPOINT TEST(S) > PINPOINT TEST I : THE POWER SLIDING REAR WINDOW IS INOPERATIVE/DOES NOT OPERATE CORRECTLY

Refer to Power Windows for schematic and connector information.

Normal Operation and Fault Conditions

REFER to: Glass, Frames and Mechanisms - System Operation and Component Description .

Possible Causes

- Fuse
- Relay
- Wiring, terminals or connectors
- Power sliding rear window switch
- Power sliding rear window motor

Visual Inspection and Diagnostic Pre-checks

- Verify BJB fuse 74 (30A) is OK.

DIAGNOSIS AND TESTING > GLASS, FRAMES AND MECHANISMS > PINPOINT TEST(S) > PINPOINT TEST I : THE POWER SLIDING REAR WINDOW IS INOPERATIVE/DOES NOT OPERATE CORRECTLY > PINPOINT TEST I : THE POWER SLIDING REAR WINDOW IS INOPERATIVE/DOES NOT OPERATE CORRECTLY

I1 CHECK THE VOLTAGE SUPPLY CIRCUIT TO THE POWER SLIDING REAR WINDOW RELAYS FOR AN OPEN

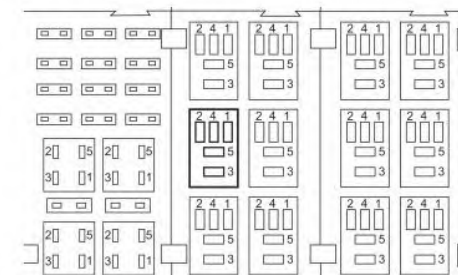
Ignition OFF.

Disconnect: Power Sliding Rear Window Open Relay.

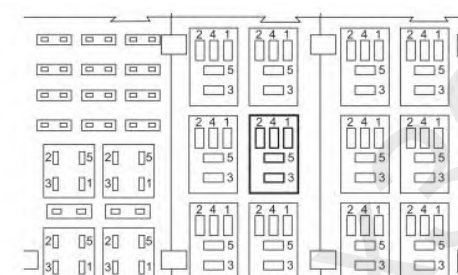
Disconnect: Power Sliding Rear Window Close Relay.

Ignition ON.

Measure:

Positive Lead	Measurement / Action	Negative Lead
 E192478 Power Sliding Rear Window Open Relay, socket pin 5		Ground

Measure:

Positive Lead	Measurement / Action	Negative Lead
 E192482 Power Sliding Rear Window Close Relay, socket pin 5		Ground

Are the voltages greater than 11 volts?

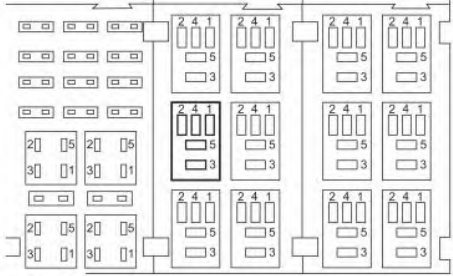
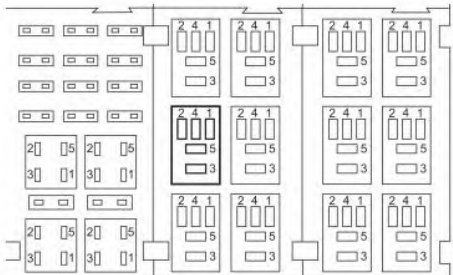
Yes	GO to I2
No	VERIFY BJB fuse 74 (30A) is OK. If OK, REPAIR the circuit in question. If not OK, REFER to the OEM WIRING DIAGRAMS to identify the possible causes of the circuit short.

I2 CHECK THE GROUND FOR THE POWER SLIDING REAR WINDOW RELAYS FOR AN OPEN

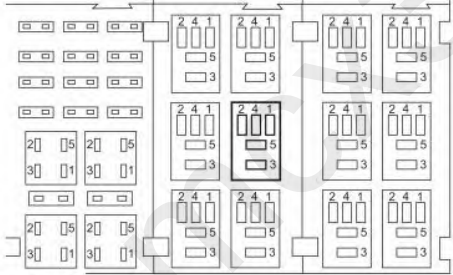
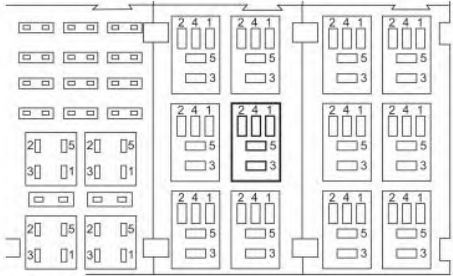
Ignition OFF.

Measure:

Positive Lead	Measurement / Action	Negative Lead
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 E192478 Power Sliding Rear Window Open Relay, socket pin 2	Ω	Ground
 E192478 Power Sliding Rear Window Open Relay, socket pin 4	Ω	Ground

Measure:

Positive Lead	Measurement / Action	Negative Lead
 E192482 Power Sliding Rear Window Close Relay, socket pin 2	Ω	Ground
 E192482 Power Sliding Rear Window Close Relay, socket pin 4	Ω	Ground

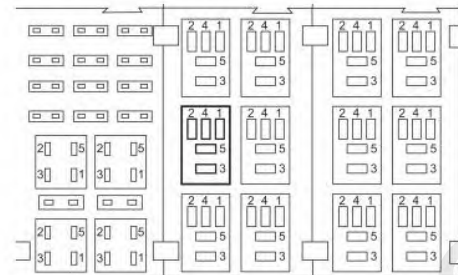
Are the resistances less than 3 ohms?

Yes	GO to I3
No	REPAIR the circuit in question.

I3 CHECK THE POWER SLIDING REAR WINDOW SWITCH INPUT

 **NOTE:** The following step uses a test lamp to simulate normal circuit loads. Use only a Rotunda Test Lamp (SGT27000) or 250- 300mA incandescent bulb test lamp. To avoid connector terminal damage, use the Rotunda Flex Probe kit for the test lamp probe connection to the vehicle. Do not use the test lamp probe directly on any connector.

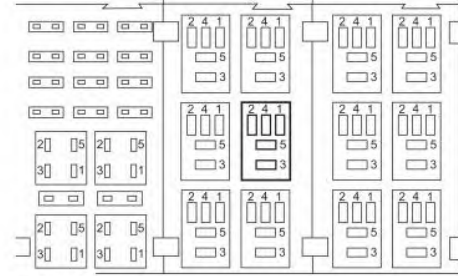
Connect:

Positive Lead	Measurement / Action	Negative Lead
 E192478 Power Sliding Rear Window Open Relay, socket pin 1		Ground

Ignition ON.

Observe the test light while pressing and holding the power sliding rear window switch in the OPEN position.

Connect:

Positive Lead	Measurement / Action	Negative Lead
 E192482 Power Sliding Rear Window Close Relay, socket pin 1		Ground

Observe the test light while pressing and holding the power sliding rear window switch in the CLOSE position.

Does the test light illuminate when the power sliding rear window switch is pressed in the OPEN and CLOSE positions?

Yes	GO to I6
No	GO to I4

I4 CHECK THE VOLTAGE SUPPLY CIRCUIT TO THE POWER SLIDING REAR WINDOW SWITCH FOR AN OPEN

Ignition OFF.

Disconnect: Power Sliding Rear Window Switch C980 .

Ignition ON.

Measure:

Positive Lead	Measurement / Action	Negative Lead
C980-1		Ground

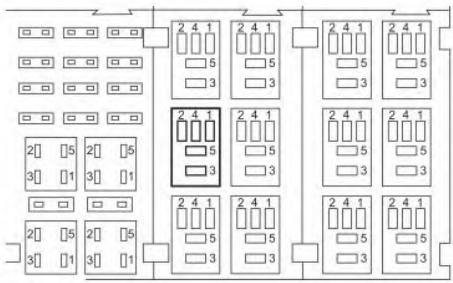
Is the voltage greater than 11 volts?

Yes	GO to I5
No	VERIFY BCM fuse 23 (10A) is OK. If OK, REPAIR the circuit. If not OK, REFER to the OEM WIRING DIAGRAMS to identify the possible causes of the circuit short.

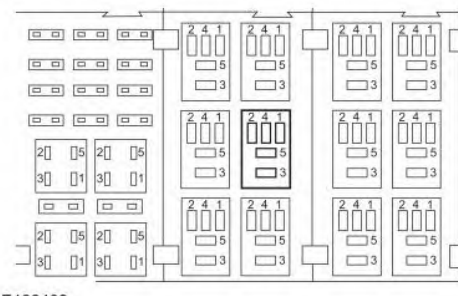
I5 CHECK FOR AN OPEN BETWEEN THE POWER SLIDING REAR WINDOW RELAYS AND THE POWER SLIDING REAR WINDOW SWITCH

Ignition OFF.

Measure:

Positive Lead	Measurement / Action	Negative Lead
 E192478 Power Sliding Rear Window Open Relay, socket pin 1	Ω	C980-3

Measure:

Positive Lead	Measurement / Action	Negative Lead
 E192482 Power Sliding Rear Window Close Relay, socket pin 1	Ω	C980-2

Are the resistances less than 3 ohms?

Yes	INSTALL a new power sliding rear window switch. REFER to: Overhead Console .
No	REPAIR the circuit in question.

I6 CHECK THE POWER SLIDING REAR WINDOW OPEN AND CLOSE RELAYS

Ignition OFF.

Carry out the relay component test on the power sliding rear window open and close relays. Refer to Component Testing for schematic and connector information.

Did the power sliding rear window open and close relays pass the component test?

Yes	GO to I7
No	INSTALL a new power sliding rear window relay.

I7 CHECK FOR AN OPEN BETWEEN THE POWER SLIDING REAR WINDOW RELAYS AND THE POWER SLIDING REAR WINDOW MOTOR

Disconnect: Power Sliding Rear Window Motor C3145 .

Measure:

Positive Lead	Measurement / Action	Negative Lead
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