

Normal Operation and Fault Conditions

The SCME monitors the backrest and cushion blower motor circuits. If an open on any of these circuits is detected, the DTC sets.

DTC Fault Trigger Conditions

DTC	Description	Fault Trigger Conditions
B111C	Passenger Thermoelectric Driver Open Load	If SCME outputs to the passenger seat backrest or cushion blower motor are open, disconnected or a blower motor resistance greater than 90, 000 ohms is sensed, the SCME continues normal operation and sets this DTC.

Possible Causes

- Wiring, terminals or connectors
- Backrest blower motor
- Cushion blower motor
- SCME

DIAGNOSIS AND TESTING > FRONT SEATS > PINPOINT TEST(S) > PINPOINT TEST T : DTC B111C > PINPOINT TEST T : DTC B111C

 **WARNING:** Incorrect repair techniques or actions can cause an accidental Supplemental Restraint System (SRS) deployment. Never compromise or depart from these instructions. Failure to precisely follow all instructions could result in serious personal injury from an accidental deployment.

T1 CHECK BLOWER MOTOR CIRCUITS FOR AN OPEN

REFER to: Supplemental Restraint System (SRS) Depowering .

Disconnect: Passenger Side Airbag In-line C3053 .

Disconnect: Passenger Backrest Blower Motor C3039 .

Disconnect: Passenger Cushion Blower Motor C3040 .

Disconnect: SCME C3265A .

Measure:

Positive Lead	Measurement / Action	Negative Lead
C3265A-A	Ω	C3040-1

C3265A-B	Ω	C3040-2
C3265A-C	Ω	C3039-1
C3265A-D	Ω	C3039-2

Are the resistances less than 3 ohms?

Yes	GO to T2
No	REPAIR the circuit(s) in question. GO to T5

T2 CHECK BLOWER MOTOR CIRCUITS FOR A SHORT TO VOLTAGE

Ignition ON.

Measure:

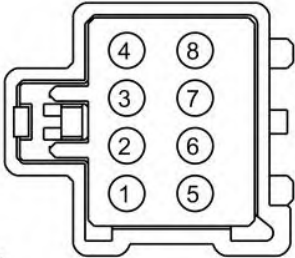
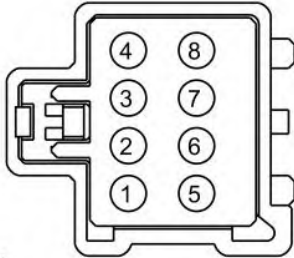
Positive Lead	Measurement / Action	Negative Lead
C3265A-A		Ground
C3265A-B		Ground
C3265A-C		Ground
C3265A-D		Ground

Is any voltage present?

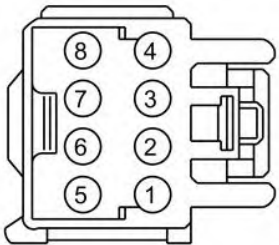
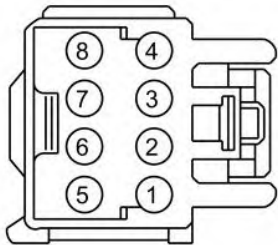
Yes	REPAIR the circuit(s) in question. GO to T5
No	GO to T3

T3 CHECK BACKREST AND CUSHION BLOWER MOTOR RESISTANCES

Measure the **component side resistance** between:

Positive Lead	Measurement / Action	Negative Lead
 E160219 C3039-1, Component Side	Ω	 E160219 C3039-2, Component Side

Measure the **component side resistance** between:

Positive Lead	Measurement / Action	Negative Lead
 E160218 C3040-1, Component Side	Ω	 E160218 C3040-2, Component Side

Are the resistances between 0.9 and 10 ohms?

Yes	GO to T4
No	If the backrest blower motor resistance measurement failed, INSTALL a new backrest blower motor. REFER to: Front Seat Backrest Blower Motor . GO to T5 If the cushion blower motor resistance measurement failed, INSTALL a new cushion blower motor. REFER to: Front Seat Cushion Blower Motor . GO to T5

T4 CHECK THE SCME (FRONT SEAT CLIMATE CONTROL MODULE) OPERATION

Ignition OFF.

Disconnect and inspect all of the SCME connectors.

Repair:

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

damaged or bent pins - install new terminals/pins as necessary

pushed-out pins - install new pins as necessary

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



NOTE: Do not reconnect Passenger Side Airbag In-line C3053 at this time.

Reconnect all previously disconnected connectors.

Ignition ON.

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

Is the concern still present?

Yes	CHECK OASIS for any applicable Technical Service Bulletins (TSBs). If a TSB exists for this
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