

TEST F : THE SHIELD (SUNSHADE) DOES NOT OPEN OR CLOSE > PINPOINT TEST F
: THE SHIELD (SUNSHADE) DOES NOT OPEN OR CLOSE

F1 CHECK ROOF OPENING PANEL GLASS OPERATION

Ignition ON.

Press and hold roof opening panel open switch for 3 seconds.

Does the roof opening panel open at least part way?

Yes	GO to F2
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No	GO to Pinpoint Test E
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F2 CHECK THE SHIELD CONTROL CIRCUITS FOR A SHORT TO VOLTAGE

Ignition OFF.

Disconnect Shield motor C9040 .

Disconnect Roof opening panel control switch C930 .

Ignition ON.

Measure:

Positive Lead	Measurement / Action	Negative Lead
C9040-2		Ground
C9040-4		Ground

Is any voltage present?

Yes	Repair the circuit.
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No	GO to F3
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F3 CHECK THE SHIELD CONTROL CIRCUITS FOR A SHORT TO SHORT TO GROUND

Ignition OFF.

Measure:

Positive Lead	Measurement / Action	Negative Lead
C9040-2	Ω	Ground
C9040-4	Ω	Ground

Are the resistances greater than 10, 000 ohms?

Yes	GO to F4
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No	REPAIR the circuit.
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F4 CHECK THE SHIELD CONTROL CIRCUITS FOR AN OPEN

Measure:

Positive Lead	Measurement / Action	Negative Lead
C9040-2	Ω	C930-22
C9040-4	Ω	C930-23

Are the resistances less than 3 ohms?

Yes	GO to F5
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No	REPAIR the circuit.
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F5 CHECK THE SHIELD CONTROL CIRCUITS FOR A SHORT TOGETHER

Measure:

Positive Lead	Measurement / Action	Negative Lead
C9040-2	Ω	C9040-4
C9040-2	Ω	C9040-6
C9040-2	Ω	C9040-3
C9040-2	Ω	C9040-1
C9040-4	Ω	C9040-6
C9040-4	Ω	C9040-3
C9040-4	Ω	C9040-1

Are the resistances greater than 10, 000 ohms?

Yes	GO to F6
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No	REPAIR the circuit.
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F6 CHECK THE ROOF OPENING PANEL MOTOR/MODULES AND SWITCH FOR CORRECT OPERATION