

	test and FOLLOW TSB instructions. If no TSB addresses this concern,
No	The system is operating correctly at this time. The concern may have been caused by module connections. ADDRESS the root cause of any connector or pin issues.

DIAGNOSIS AND TESTING > PERIMETER ANTI-THEFT ALARM > PINPOINT TESTS > PINPOINT TEST D : B1305:13

Refer to REMOTE KEYLESS ENTRY AND ALARM for schematic and connector information.

Normal Operations and Fault Conditions

REFER to: Perimeter Anti-Theft Alarm - System Operation and Component Description .

BCM DTC Fault Trigger Conditions

DTC	Description	Fault Trigger Conditions
B1305:01	Hood Switch: General Electrical Failure	Sets when the BCM detects an open from the hood ajar switch input during a self-test. This DTC also sets if the self-test is carried out with the hood open.

Possible Sources

- Wiring, terminals or connectors
- Hood latch
- BCM

Visual Inspection and Diagnostic Pre-checks

- Inspect the hood latch for damage.

DIAGNOSIS AND TESTING > PERIMETER ANTI-THEFT ALARM > PINPOINT TESTS > PINPOINT TEST D : B1305:13 > PINPOINT TEST D : B1305:13



NOTE: Use the correct probe adapter(s) when making measurements. Failure to use the correct probe adapter(s) may damage the connector.

D1 CHECK THE HOOD AJAR SWITCH

Disconnect Hood Ajar Switch C127 .

Ignition ON.

Connect:

Positive Lead	Measurement / Action	Negative Lead
C127-2		C127-1

Using a diagnostic scan tool, carry out the BCM self-test.

Is DTC B1305:01 still present?

Yes	REMOVE the fused jumper wire. GO to D2
------------	--

No	REMOVE the fused jumper wire. INSTALL a new hood latch. REFER to: Hood Latch .
-----------	--

D2 CHECK THE HOOD AJAR SWITCH GROUND CIRCUIT FOR AN OPEN

Connect a fused jumper wire:

Positive Lead	Measurement / Action	Negative Lead
C127-2		Ground

Using a diagnostic scan tool, carry out the BCM self-test.

Is DTC B1305:01 still present?

Yes	REMOVE the fused jumper wire. GO to D3
------------	--

No	REMOVE the fused jumper wire. REPAIR the circuit.
-----------	---

D3 CHECK THE HOOD AJAR SWITCH INPUT CIRCUIT FOR AN OPEN

Ignition OFF.

Disconnect BCM C2280F .

Measure:

Positive Lead	Measurement / Action	Negative Lead
C127-2	Ω	C2280F-14

Is the resistance less than 3 ohms?

Yes	GO to D4
------------	----------

No	REPAIR the circuit.
-----------	---------------------