

DTC	Description	Fault Trigger Condition
B1323:11	Horn Switch: Circuit Short to Ground	A Continuous Memory Diagnostic Trouble Code (CMDTC) that sets when the BCM detects a short to ground on the horn signal circuit.
B1C55:14	Horn Relay: Circuit Short to Ground or Open	This DTC sets when the BCM detects a short to ground or an open on the horn relay control circuit.

Possible Sources

- Wiring, terminals or connectors
- Clockspring
- Horn relay
- Horn switch
- BCM

DIAGNOSIS AND TESTING > HORN > PINPOINT TESTS > PINPOINT TEST B : THE HORN IS ALWAYS ON > PINPOINT TEST B : THE HORN IS ALWAYS ON

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

 **NOTE:** The following test uses a test light 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.

B1 ISOLATE THE HORN RELAY

Disconnect Horn C131 or C1102 .

For C131 , connect:

Positive Lead	Measurement / Action	Negative Lead
C131-1		C131-2

For C1102 , connect:

Positive Lead	Measurement / Action	Negative Lead
---------------	----------------------	---------------

C1102-1



C1102-2

Remove the horn relay.

Does the test light remain illuminated?

Yes	REPAIR the short to voltage on the horn voltage supply circuit.
No	GO to B2

B2 CHECK THE HORN RELAY

Ignition OFF.

Remove the horn relay and install a known-good relay in its place.

Test the horn for normal operation.

Does the horn operate correctly?

Yes	GO to B3
No	INSTALL a new horn relay.

B3 ISOLATE THE BCM (BODY CONTROL MODULE) HORN SWITCH INPUT CIRCUIT

Ignition ON.

Connect a diagnostic scan tool.

Using a diagnostic scan tool, view BCM Parameter Identifications (PIDs).

Monitor the BCM HORN_SW PID.

Does the PID status display OFF?

Yes	GO to B4
No	GO to B5

B4 ISOLATE THE HORN RELAY CONTROL CIRCUIT

Ignition OFF.

Disconnect BCM C2280F .

Install the horn relay.

Does the test light illuminate?

Yes	REPAIR the short to ground on the horn relay control circuit.
------------	---

No	GO to B9
-----------	----------

B5 ISOLATE THE BCM (BODY CONTROL MODULE) HORN SWITCH INPUT CIRCUIT

Ignition OFF.

Install the horn relay.

Disconnect BCM C2280B .

Does the test light illuminate?

Yes	GO to B9
------------	----------

No	GO to B6
-----------	----------

B6 CHECK THE HORN SWITCH INPUT CIRCUIT TO THE BCM (BODY CONTROL MODULE) FOR A SHORT TO GROUND

Disconnect SCCM C226A .

Connect BCM C2280B .

Does the test light illuminate?

Yes	REPAIR the circuit.
------------	---------------------

No	GO to B7
-----------	----------

B7 ISOLATE THE HORN SWITCH

Remove the driver airbag. REFER to: Driver Airbag .

Disconnect Clockspring C218B .

Connect SCCM C226A .

Does the test light illuminate?

Yes	INSTALL a new clockspring. REFER to: Clockspring . TEST the system for normal operation. If the test light remains illuminated, INSTALL a new SCCM. REFER to: Steering Column Control Module (SCCM) .
------------	---

No	GO to B8
-----------	----------

B8 ISOLATE THE STEERING WHEEL WIRING

Connect Clockspring C218B .

Does the test light illuminate?