

		speaker circuits. When DTC B1A01:11 is set, the speaker output is disabled.
B1A01:12	Speaker #1: Circuit Short To Battery	Set by the ACM when a short to voltage is detected on the LHF door or LHF A-pillar tweeter speaker circuits. When DTC B1A01:12 is set, the speaker output is disabled.
B1A01:13	Speaker #1: Circuit Open	Set by the ACM when an open is detected on the LHF door or LHF A-pillar tweeter speaker circuits.

Possible Sources

- Speaker
- Wiring, terminals, or connectors
- ACM

DIAGNOSIS AND TESTING > INFORMATION AND ENTERTAINMENT SYSTEM > PINPOINT TESTS > PINPOINT TEST H : THE LHF (LEFT-HAND FRONT) A-PILLAR TWEETER SPEAKER IS INOPERATIVE > PINPOINT TEST H : THE LHF (LEFT-HAND FRONT) A-PILLAR TWEETER SPEAKER IS INOPERATIVE

H1 CHECK THE AUDIO SIGNAL TO THE LHF (LEFT-HAND FRONT) A-PILLAR TWEETER SPEAKER

Ignition OFF.

Disconnect: LHF A-Pillar Tweeter Speaker C230 .

Operate the audio system in AM/ FM mode.

Measure:

Positive Lead	Measurement / Action	Negative Lead
C230-1		C230-3

Is a fluctuating AC voltage present?

Yes	INSTALL a new LHF A-pillar tweeter speaker. REFER to: A-Pillar Tweeter Speaker .
No	GO to H2

H2 CHECK THE AUDIO CIRCUITS TO THE LHF (LEFT-HAND FRONT) A-PILLAR TWEETER SPEAKER FOR A SHORT TO VOLTAGE

Ignition OFF.

Disconnect: LHF Door Speaker C570 .

Disconnect: ACM C240A .

Ignition ON.

Measure:

Positive Lead	Measurement / Action	Negative Lead
C230-1		Ground
C230-3		Ground

Is any voltage present?

Yes	REPAIR the circuit in question.
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No	GO to H3
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H3 CHECK THE AUDIO CIRCUITS TO THE LHF (LEFT-HAND FRONT) A-PILLAR TWEETER SPEAKER FOR A SHORT TO GROUND

Ignition OFF.

Measure:

Positive Lead	Measurement / Action	Negative Lead
C230-1	Ω	Ground
C230-3	Ω	Ground

Are the resistances greater than 10, 000 ohms?

Yes	GO to H4
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No	REPAIR the circuit in question.
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H4 CHECK THE AUDIO CIRCUITS TO THE LHF (LEFT-HAND FRONT) A-PILLAR TWEETER SPEAKER FOR AN OPEN

Measure:

Positive Lead	Measurement / Action	Negative Lead
C230-1	Ω	C240A-22
C230-3	Ω	C240A-10

Are the resistances less than 3 ohms?

Yes	GO to H5
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No	REPAIR the circuit in question.
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H5 CHECK THE AUDIO CIRCUITS TO THE LHF (LEFT-HAND FRONT) A-PILLAR TWEETER SPEAKER FOR A SHORT TOGETHER

Measure:

Positive Lead	Measurement / Action	Negative Lead
C230-1	Ω	C230-3

Is the resistance greater than 10, 000 ohms?

Yes	INSTALL a new LHF door speaker. REFER to: Front Door Speaker LH .
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No	REPAIR the circuit in question.
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H6 CHECK FOR CORRECT ACM (AUDIO FRONT CONTROL MODULE) OPERATION

Ignition OFF.

Disconnect and inspect all the ACM connectors.

Repair:

Corrosion (clean module pins or install new connectors or terminals)

Damaged or bent pins (install new terminals or pins)

Pushed-out pins (install new pins as necessary)

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

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 concern, DISCONTINUE this test and FOLLOW the TSB instructions. If no Technical Service Bulletins (TSBs) address this concern, INSTALL a new ACM. REFER to: Audio
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