

	Internal Electronic Failure	internal circuit board cannot communicate with the CD mechanism while in CD mode for more than 28 seconds during normal operation or for more than 5 seconds during the self-test.	on-demand
B1D19:4B	Compact Disc Unit: Over Temperature	Set by the ACM when the internal circuit board detects that the CD mechanism exceeds the temperature threshold for more than 1 second while in CD mode.	Continuous

Possible Sources

- Misaligned FCIM CD slot to ACM CD slot
- CD
- ACM

DIAGNOSIS AND TESTING > INFORMATION AND ENTERTAINMENT SYSTEM > PINPOINT TESTS > PINPOINT TEST AB : THE CD (COMPACT DISC) PLAYER IS INOPERATIVE OR DOES NOT OPERATE CORRECTLY > PINPOINT TEST AB : THE CD (COMPACT DISC) PLAYER IS INOPERATIVE OR DOES NOT OPERATE CORRECTLY

AB1 VERIFY THE FCIM (FRONT CONTROLS INTERFACE MODULE) CD (COMPACT DISC) EJECT BUTTON OPERATION

Ignition ON.

Operate the audio system in CD mode.

Using the FCIM CD EJECT button, attempt to eject the customer's CD.

Does the customer's CD eject?

Yes	GO to AB4
No	* If the FCIM EJECT button is responsive, GO to AB2 * If the FCIM EJECT button is not responsive, GO to AB3

AB2 VERIFY THAT THE FCIM (FRONT CONTROLS INTERFACE MODULE) CD (COMPACT DISC) SLOT IS ALIGNED WITH THE ACM (AUDIO FRONT CONTROL MODULE) CD (COMPACT DISC) SLOT

Remove the FCIM, but do not disconnect any electrical connectors. REFER to: Front Controls Interface Module (FCIM) .

Using the FCIM CD EJECT button, attempt to eject the customer's CD.

Does the customer's CD eject?

Yes	REINSTALL the FCIM and ensure the FCIM CD slot is properly aligned with the ACM CD slot. REFER to: Front Controls Interface Module (FCIM) .
No	GO to AB8

AB3 VERIFY THE FCIM (FRONT CONTROLS INTERFACE MODULE) CD (COMPACT DISC) EJECT BUTTON TO ACM (AUDIO FRONT CONTROL MODULE) COMMUNICATION BY CHECKING FOR DTC (DIAGNOSTIC TROUBLE CODE) U0256:00 SET IN THE ACM (AUDIO FRONT CONTROL MODULE)

Using a diagnostic scan tool, perform the ACM self-test.

Is DTC U0256:00 set in the ACM?

Yes	GO to Pinpoint Test AR
No	GO to Pinpoint Test AA

AB4 VERIFY THE CD (COMPACT DISC) PLAYER OPERATION

Insert a known good CD.

Operate the audio system in CD mode and play an audio file.

Is the audio output OK for the CD player?

Yes	The system is operating correctly at this time. The fault is with the customer's CD (inspect for fingerprints, loose paper label, incorrect format, irregular shape, scratches, or other damage).
No	GO to AB5

AB5 CHECK FOR ACM (AUDIO FRONT CONTROL MODULE) DTC (DIAGNOSTIC TROUBLE CODE) B1D19:49 OR DTC (DIAGNOSTIC TROUBLE CODE) B1D19:4B

With the audio system still in CD mode, perform the ACM self-test using a diagnostic scan tool.

Is DTC B1D19:49 or DTC B1D19:4B set in the ACM?

Yes	* If B1D19:49 is present, GO to AB6 * If B1D19:4B is present, the system is operating correctly at this time. The concern may
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	have been caused by extended CD player use. Audio operation can resume after the ACM cools. Clear the DTC.
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No	GO to AB8
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AB6 RECHECK FOR DTC (DIAGNOSTIC TROUBLE CODE) B1D19:49

Ignition ON.

Using a diagnostic scan tool, clear the ACM Diagnostic Trouble Codes (DTCs).

Ignition OFF.

Ignition ON.

Wait at least 5 seconds.

With the audio system still in CD mode, repeat the ACM self-test using a diagnostic scan tool.

Is DTC B1D19:49 set in the ACM?

Yes	GO to AB8
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No	GO to AB7
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AB7 RECHECK FOR PROPER CD (COMPACT DISC) PLAYER OPERATION

Operate the audio system in CD mode and play an audio file.

Is the audio output OK for the CD player?

Yes	The system is operating correctly at this time. The concern was corrected by performing the ACM self-test, which cold boots the module.
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No	GO to AB8
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AB8 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)