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Coding Information

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Title: Next Gen CE Bus Starter Interlock Dash Chime

Applies To: Next Gen CE Bus with starter interlock feature built prior to 2/19/25

CHANGE LOG

Please refer to the change log text box below for recent changes to this article:

07/18/2025 - Initial Article Release

DESCRIPTION

Next Gen CE Bus at launch did not have a buzzer or dash alarm chime that happens when the starter interlock is engaged and the bus is attempted to be started. The bus will not start; however, there was no audible alert as there was with the PB10500 model. This iKnow article will provide steps to add the dash alarm to activate when the starter interlock is engaged and the bus is attempted to be started. This applies to Next Gen buses built before 2/19/25. After this date, it is included when interlock features 47BGU, 47DEK, 47DEM, 47DEN, 47DEV, or 47AVK are ordered.

SYMPTOM(s)

Customer Observations or Concerns:

When the bus is attempted to be started with the starter interlock engaged, the bus will not start, but there is no audible alert.

SPECIAL TOOL(s) / SOFTWARE

Tool Description	Tool Number	Comments	Instructions
International® Diamond Logic® Builder (DLB)	N/A	EZ-Tech® Software	N/A

SERVICE PARTS INFORMATION

N/A

DIAGNOSTIC STEP(s)



WARNING:

To prevent property damage, personal injury, and/or death, park the vehicle on a hard, flat surface, turn the engine off, set the parking brake, and install wheel chocks to prevent the vehicle from moving in either direction.

Step	Action	Decision
#	DIAGNOSTIC: Does your bus have a starter interlock and built before 2/19/25?	Yes. Proceed to Repair Section.
		No. This article does not apply.

REPAIR STEP(s).

1. Bring the vehicle into the shop and park on a flat surface.
2. Shift transmission into park or neutral, set the parking brake, and install wheel chocks.
3. Connect to the vehicle using DLB and an applicable data link cable with the ignition key on.
4. Click on the select tab in DLB and verify the BCM (labelled as ESC in DLB) has the latest data version by using the update all button (Figure 1, Item 1) to load the latest software for the modules on the vehicle. Then use the program button (Figure 1, Item 3) to flash the updates to the vehicle.
5. Go to Features Tab (Figure 1, Item 2) and look for feature 0597540 and activate feature by checking the box under the installed column, then select Program (Figure 1, Item 3).
6. Once updating is complete, turn the ignition key off.

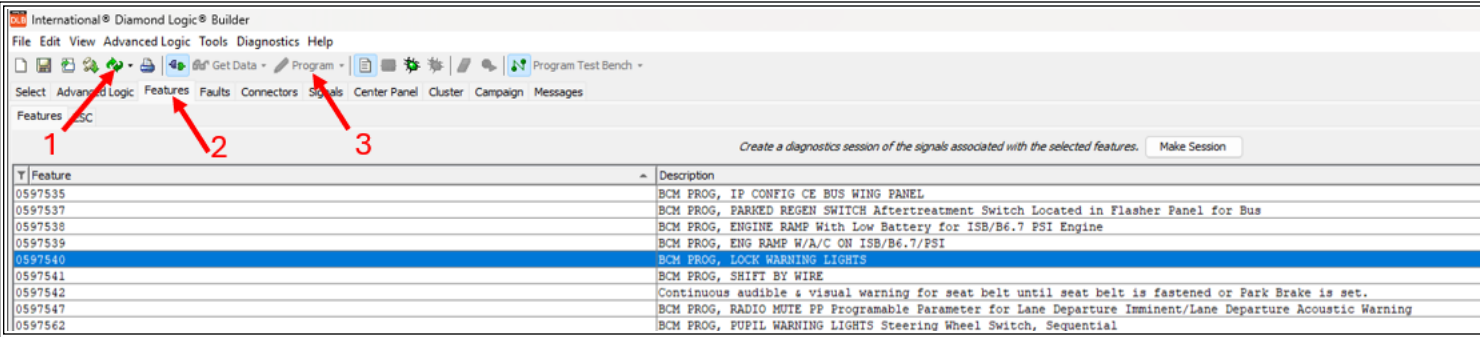


Figure #1: DLB Update

- Item 1: Update All Button
Item 2: Features Tab
Item 3: Program Button

WARRANTY INFORMATION

Warranty Claim Coding:

Refer to the [Warranty Coding Manual](#) for Group and Noun Codes.

Standard Repair Time(s):

Refer to the [SRT Manual](#) for Repair Times

OTHER RESOURCES

[Master Service Information Site](#)

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