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 Major System: BUS BODY Created: 3/18/2025  
 Current Language: English Last Modified: 3/26/2025  
 Other Languages: NONE Author: Aaron Aguilera  
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Coding Information

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Title: Electrical Door Calibration Confirmation

Applies To: E79 Next Gen Bus

## CHANGE LOG

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

03/26/2025 - Initial Article Release

## DESCRIPTION

This document will guide the user through updating the electric entrance door BCM software on vehicles equipped with electric doors. The new software enables a new method of calibrating the door motor modules. The electric door calibration procedure includes new steps and will now honk the horn when the door calibration process is initiated, providing feedback to the user that the procedure was done successfully.

## SYMPTOM(s)

Diagnostic Trouble Code(s) & Dashboard Indicator Light(s):

Not Applicable

DTC/Light	Description
N/A	

Customer Observations or Concerns:

Not Applicable

## SPECIAL TOOL(s) / SOFTWARE

Tool Description	Tool Number	Comments	Instructions
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N/A			
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## **SERVICE PARTS INFORMATION**

Kit Description	Part Number	Quantity Required	Notes
N/A			

## **DIAGNOSTIC STEP(s)**

Not Applicable

## **REPAIR STEP(s)**

**WARNING!** To prevent property damage, personal injury, and / or death, park 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.

**WARNING!** To prevent property damage, personal injury, and / or death, if the vehicle must be raised, do not work under the vehicle supported only by jacks. Jacks can slip or fall over.

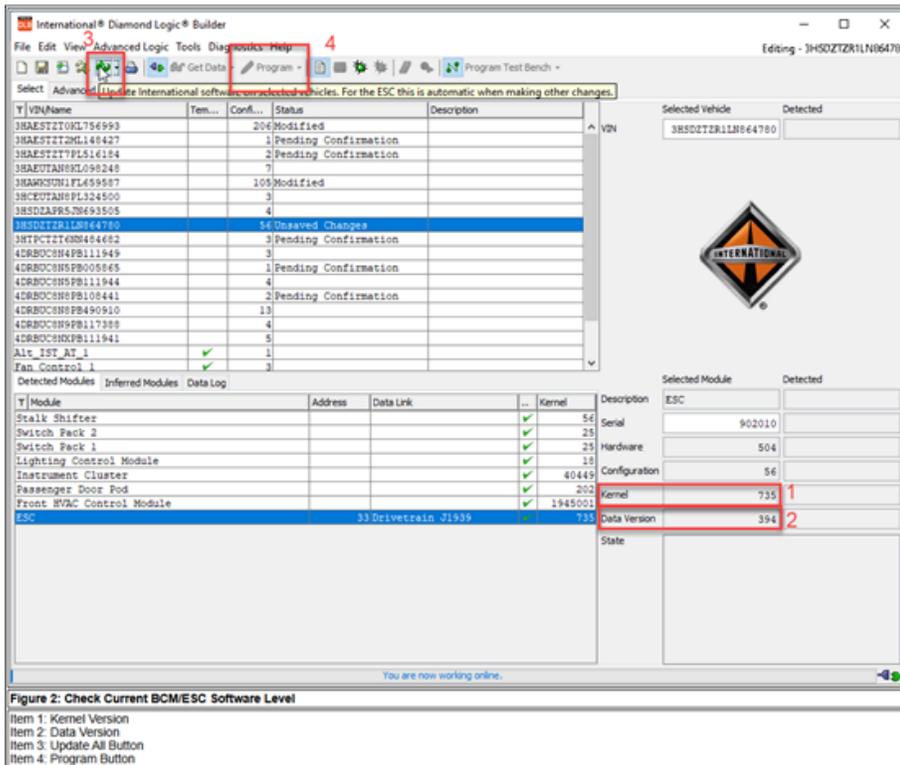
**WARNING!** To prevent personal injury and / or death, always wear safe eye protection when performing vehicle maintenance.

**WARNING!** To prevent property damage, personal injury, and / or death, keep flames or sparks away from vehicle and do not smoke while servicing the vehicle's batteries. Batteries expel explosive gases.

**WARNING!** To prevent property damage, personal injury, and / or death, remove the ground cable from the negative terminal of the battery box before disconnecting any electrical components. Always connect the ground cable last.

### **REPAIR PROCEDURE:**

1. Bring vehicle into shop and park on a flat surface.
2. Shift transmission into park or neutral, set parking brake and install wheel chocks.
3. Connect to the vehicle using DLB and an applicable data link cable with ignition key on.
4. Click on the select tab in DLB and verify the BCM (labelled as ESC in DLB) has at least Kernel 747 and Data Version 446 or later. If not, use the update all button to load the latest software for the modules on the vehicle. Then use the program button to flash the updates to the vehicle.



5. Once updating is complete turn the ignition key off.

## Door Motor Calibration Procedure

Note: Whenever a door motor is replaced or removed calibration should be performed.

1. Turn the key to the OFF position.
2. Manually close both fore and aft doors ensuring they are in the latched position.
3. Activate hazard
4. Hold high beam stalk shifter (hold stalk on)
5. Turn the key to the ON position.
6. Horn Beeps once – sending request to the motor to recalibrate.
7. To confirm that the doors are calibrated, select DOOR OPEN and ensure the doors open fully. Select DOOR CLOSE and ensure doors completely close and latch.

## 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

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