



FIELD SERVICE CAMPAIGN – 26101

06 APRIL 2026

SUBJECT:

Body Control Module (BCM) Programming with Diamond Logic® Builder (DLB)

MODELS INVOLVED:

International® HV™, HX®, eMV™, CV™, LT®, RH™, LoneStar®, and MV™ Series trucks, IC Bus™ CE Series buses and IC Bus™ Electric CE Series buses.

CUSTOMER LETTER:

Print ready (PDF file) copy of the International [Customer Letter](#)

Print ready (PDF file) copy of the IC Bus [Customer Letter](#)

DEFECT DESCRIPTION:

Certain International® trucks and IC Bus™ CE Series buses may have out of date BCM programming that may cause erroneous fault codes after a vehicle sits for 2 or 3 days.

ELIGIBILITY:

This procedure applies ONLY to vehicles marked in the International® Service PortalSM with FSC 26101. Also complete any other open campaigns listed on the Service Portal at this time.

TOOLS REQUIRED:

Description	Tool Number
EZ-Tech® or Electronic Service Tool (EST) DLB	NA
Battery Charger 55 AMP	PSC550CC

Table 1 Tools Information

PARTS REQUIRED:

No parts required.

WORK INSTRUCTIONS

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

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

WARNING! To prevent personal injury or death, NEVER service a high-voltage vehicle without completing High-Voltage Safety Training. Before working on a vehicle, read and obey all High-Voltage Safety and Lock-Out Tag-Out procedures and information.

WARNING! To prevent personal injury or death, wear and use approved high-voltage Personal Protective Equipment (PPE) when near a high-voltage electric vehicle. Inspect PPE before use. Do not use gloves or other PPE with expired dates, holes, cracks or damage. NEVER touch energized ORANGE high-voltage cables or high-voltage components without wearing approved high-voltage PPE.

1. Park vehicle on flat, level surface.
2. Put drive mode selector in Park or Neutral and set parking brake.
3. Turn ignition to Key OFF position.
4. Install wheel chocks.
5. Connect battery charger / maintainer to vehicle battery.

NOTE: Headlights will turn on and off several times. Ensure that EZ-Tech® battery has sufficient charge to last for entire procedure.

NOTE: Only use NEXIQ USB-Link™ interface cables. Other varieties of cables may increase programming time or may be incompatible.

6. Using only NEXIQ USB-Link™ interface cables, connect EZ-Tech or EST to vehicle diagnostic port.

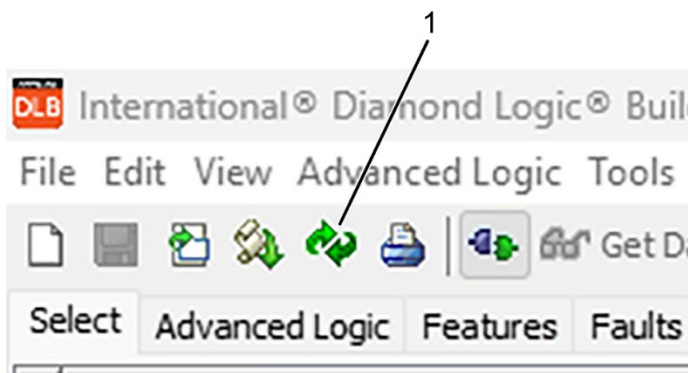
NOTE: Delete vehicle VIN from Diamond Logic® Builder (DLB) before proceeding. Deleting vehicle VIN enables DLB to be populated with latest vehicle BCM data.

7. Turn vehicle ignition to Key ON, Engine OFF (KOEO) position.

8. Launch DLB software and choose **Select** tab.

9. Select **Connect** icon to stop reading if DLB connected automatically to vehicle.

10. Delete vehicle VIN if it appears in list.



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Figure 1. Update All Icon

1. Update All icon

NOTE: If messages about programming of BCM are displayed before the Program icon is selected, respond to the prompts as needed. No prompts requiring a response will be displayed after the Program icon is selected.

11. Select **Update All** icon (Figure 1, Item 1) in toolbar. DLB will list latest module versions in kernel column.

12. Select **Program** tab in toolbar to begin updates. DLB will indicate programming status in status bar located at bottom of window.

Detected Modules					Selected Module		Detected	
Module	Address	Data Link	In Configuration	Kernel	Description	ESC	ESC	
ESC	33	Drivetrain J1939	✓	632	Serial	222850119	222850119	
EV Cluster	23	Drivetrain J1939	✓	50914	Hardware	505	505	
Unknown module	90	Drivetrain J1939			Configuration	17	17	
Battery Pack Monitor	243	Drivetrain J1939			Kernel	632	632	
Battery Thermal Management System (BTMS)	202	Drivetrain J1939			Data Version	462	462	
Brakes - System Controller	11	Drivetrain J1939			State			
Cabin Heater Electric Coolant Pump	182	Drivetrain J1939						
Cruise Control	17	Drivetrain J1939						
DC to DC Converter #1	179	Drivetrain J1939						
DC to DC Converter #2	176	Drivetrain J1939						
Engine	0	Drivetrain J1939						
Fan Control Module	78	Drivetrain J1939						
HVAC Control Module	25	Drivetrain J1939						
Onboard Charger Interface (OCI)	128	Drivetrain J1939						
Power Electronics Electric Coolant Pump	181	Drivetrain J1939						

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Figure 2. DLB Module List

1. Kernel

13. Confirm that ESC module kernel (Figure 2, Item 1) has been updated to 755 or above.
14. Turn vehicle ignition to Key OFF position.
15. Disconnect interface connector from vehicle diagnostic port.
16. Disconnect battery charger / maintainer from vehicle battery.
17. Remove wheel chocks.

LABOR INFORMATION

Operation number must appear on all claims.

Operation Number	Description	Time
A40-26101-1	BCM programming	0.3 hrs

Table 3 Labor Information

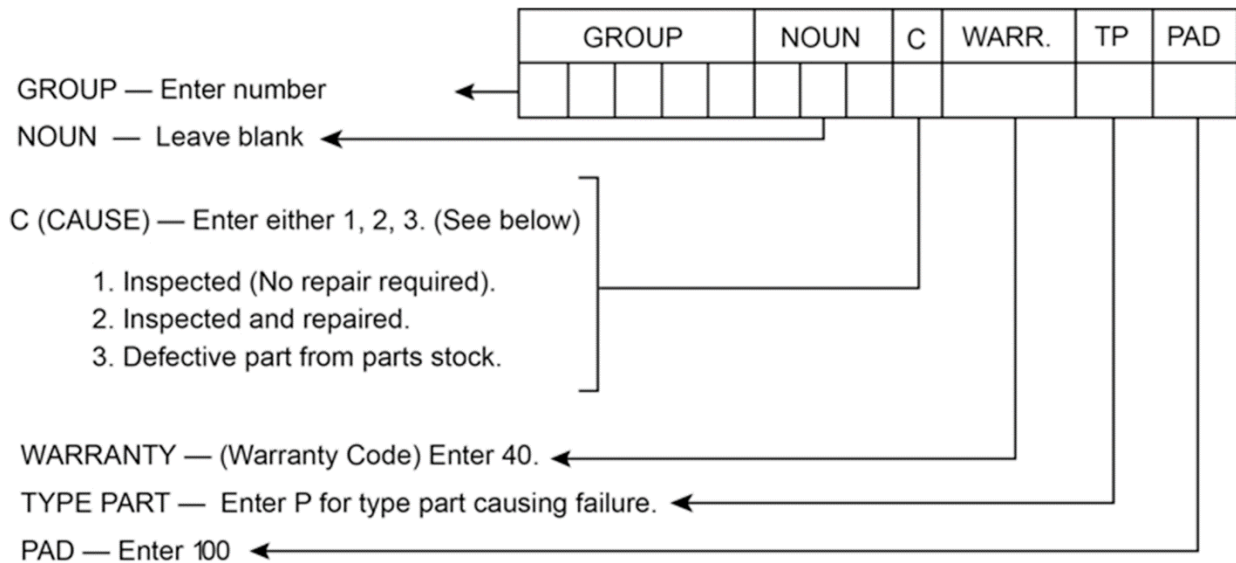
WARRANTY CLAIMS

Warranty claim expense is to be charged to Warranty. Claims are to be submitted in the normal manner, making reference to Field Service Campaign 26101.

Section 7 of the Warranty Policy and Procedures Manual contains further information related to the submission and processing of AFC / Recall claims.

As with all claim submissions, items acquired locally must be submitted in the “Other Charges” tab. The cost of any bulk items (such as a bag of cable tie straps, roll of wire, barrel of oil, or tube of silicone) should be prorated for the cost of the individual pieces / amount used during each repair.

To make sure this important improvement is made in a timely manner, all claims for 26101 activity must be submitted by 06 April 2026 or within the normal warranty period for the component repaired, if after 06 April 2026.



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International Motors, LLC*

***International Motors, LLC d/b/a**

International Motors USA LLC in Illinois and Ohio.