



FIELD SERVICE CAMPAIGN – 24107

10 June 2024

SUBJECT:

IC Bus® Electric CE Series school bus Vehicle Control Unit (VCU) update

MODELS INVOLVED:

IC Bus® Electric CE Series school bus

DEFECT DESCRIPTION:

Certain IC Bus® Electric CE Series school buses may need to have the VCU calibrated to the latest calibration V10000.

ELIGIBILITY:

This procedure applies ONLY to vehicles marked in the International® Service PortalSM with FSC 24107. 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) with Service Diagnostics Solutions (SDS) Software	N/A
EZ-Tech® or EST	N/A
Battery Charger 55 AMP	PSC550CC

Table 1 Tools Information

PARTS REQUIRED:

No required parts.

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, 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 and / 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.

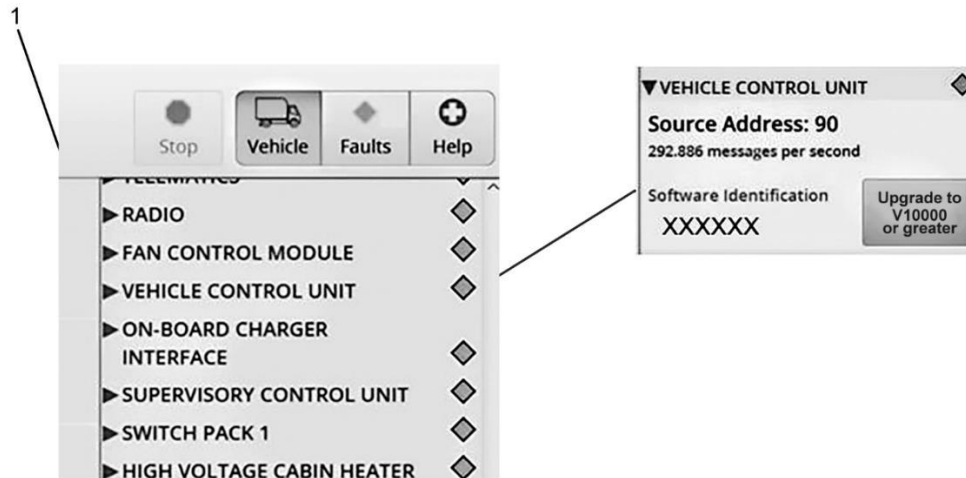
WARNING! To prevent personal injury and / or death, or damage to property, read all information in the Safety Information and High-Voltage Safety sections of the service manual.

NOTE: A new charge port LED label will soon replace the current charge port LED label. Using the iKNOW system, please see IK2300024 for details regarding this change.

1. Park vehicle on a level surface.
2. Shift transmission into Park or Neutral and set parking brake.
3. Turn ignition to Key OFF position.
4. Install wheel chocks.
5. Turn ON 12V disconnect switch.
6. Turn ON high-voltage switch.
7. Connect battery charger / maintainer to vehicle battery.

NOTE: Update VCU using Service Diagnostics Solutions (SDS).

8. Collect health report by selecting **Arrival in Health Report – Scan Checkpoint** box.
9. Clear inactive / previously active fault codes by selecting **Faults** button in action bar.



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Figure 1. SDS Screen

1. Vehicle control unit

10. Under Vehicle tab, scroll down and locate **VEHICLE CONTROL UNIT** (Figure 1, Item 1).
11. Select BLUE triangle to view additional options.

NOTE: Once the software is upgraded, the SDS tool will automatically reset the system and reconnect with the vehicle.

NOTE: The V10000 software upgrade affects the EBLVKC long wheel base and EBSVKC short wheel base vehicles only.

12. Select **Upgrade** tab to upgrade software to V10000.

NOTE: Verify software has been upgraded to V10000 before disconnecting.

13. Disconnect interface connector from diagnostic port.
14. Disconnect battery charger / maintainer from vehicle battery.

- 15. Close and latch hood.
- 16. Remove wheel chocks.

LABOR INFORMATION

Operation number must appear on all claims.

Operation Number	Description	Time
A40-24107-1	Update VCU Calibration	0.3 hrs

Table 2 Labor Information

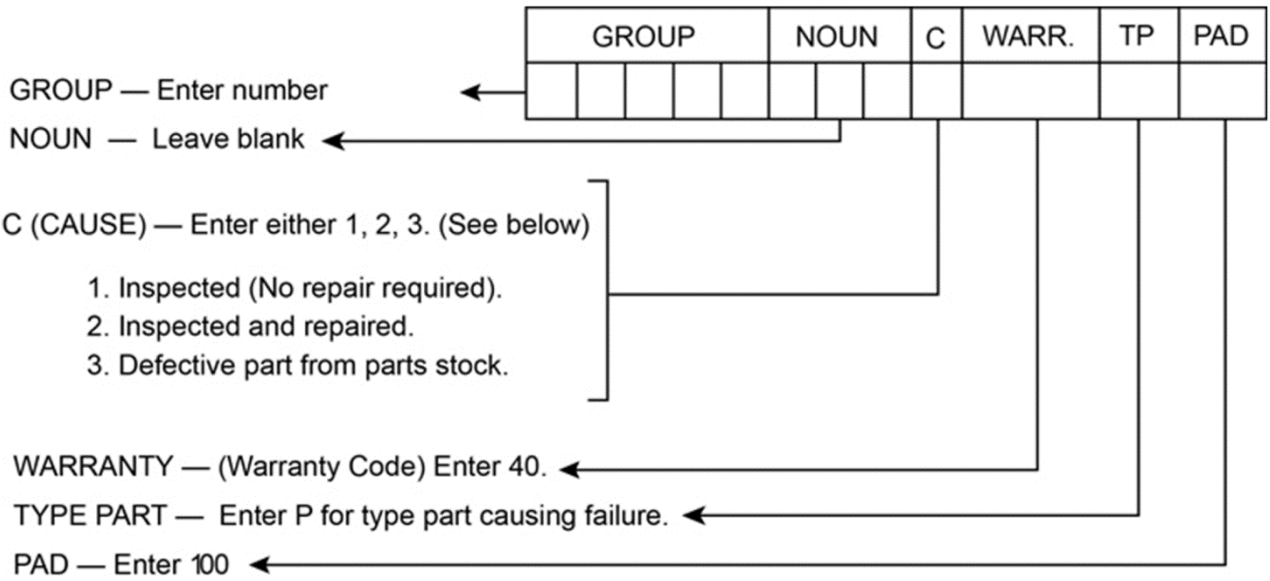
WARRANTY CLAIMS

Warranty claim expense is to be charged to Warranty. Claims are to be submitted in the normal manner, making reference to Field Service Campaign 24107.

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 24107 activity must be submitted by 10 June 2025 or within the normal warranty period for the component repaired, if after 10 June 2025.



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