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## FIELD SERVICE CAMPAIGN – 25106

AUGUST 04, 2025

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### SUBJECT:

High-Voltage Distribution Unit (HVDU) Connector Plug

### MODELS INVOLVED:

IC Bus™ Electric CE school bus

### DEFECT DESCRIPTION:

Certain IC Bus™ Electric CE school buses may have a missing plug on HVDU module.

### ELIGIBILITY:

This procedure applies ONLY to vehicles marked in the International® Service Portal<sup>SM</sup> with FSC 25106. Also complete any other open campaigns listed on the Service Portal at this time.

### TOOLS REQUIRED:

No special tool required

### PARTS REQUIRED:

Part Number	Description	Quantity
4214748C91	Cable, HVIL Jumper	1

Table 1 Parts Information

### 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, NEVER service a high-voltage vehicle without completing High-Voltage Safety training. Before working on vehicle, read and obey all High-Voltage Safety and Lock-Out Tag-Out procedures and information.

**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 technician manual.

1. Park vehicle on a flat 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. Perform High-Voltage Isolation Level 1. Refer to IC Bus™ Electric CE school bus technician manual for detailed instructions.
6. Unlatch and open hood.



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**Figure 1. HVDU Module Location**

7. Locate HVDU module on right-side of under hood compartment.



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**Figure 2. HVDU Connector Location**

1. Missing plug

8. Missing plug (Figure 2, Item 1) is to right-side of HVDU module towards front of bus.

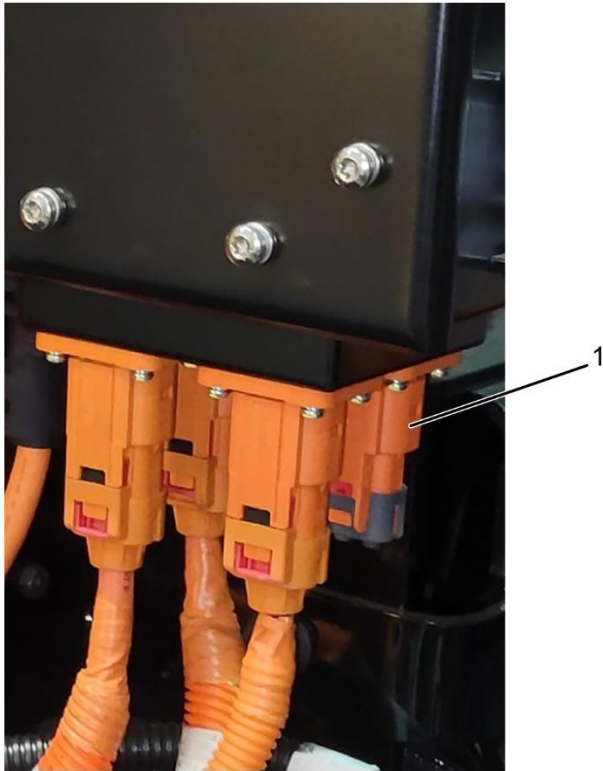


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**Figure 3. Spare Connector**

**NOTE: The spare connector (Figure 3) is an unused connector and is open to the elements.**

9. Spare connector (Figure 3) is located behind last connector to right on bottom of HVDU module.



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**Figure 4. Connector Plug Installed**

1. Open connector

- 10. Install connector plug at open connector (Figure 4, Item 1).
- 11. Reconnect High-Voltage Isolation Level 1. Refer to IC Bus™ Electric CE school bus technician manual for detailed instructions.
- 12. Close and latch hood.
- 13. Remove wheel chocks.

**LABOR INFORMATION**

Operation Number	Description	Time
A40-25106-1	High-Voltage isolation & HV DU connector plug installation	0.3 hrs

**Table 2** Labor Information

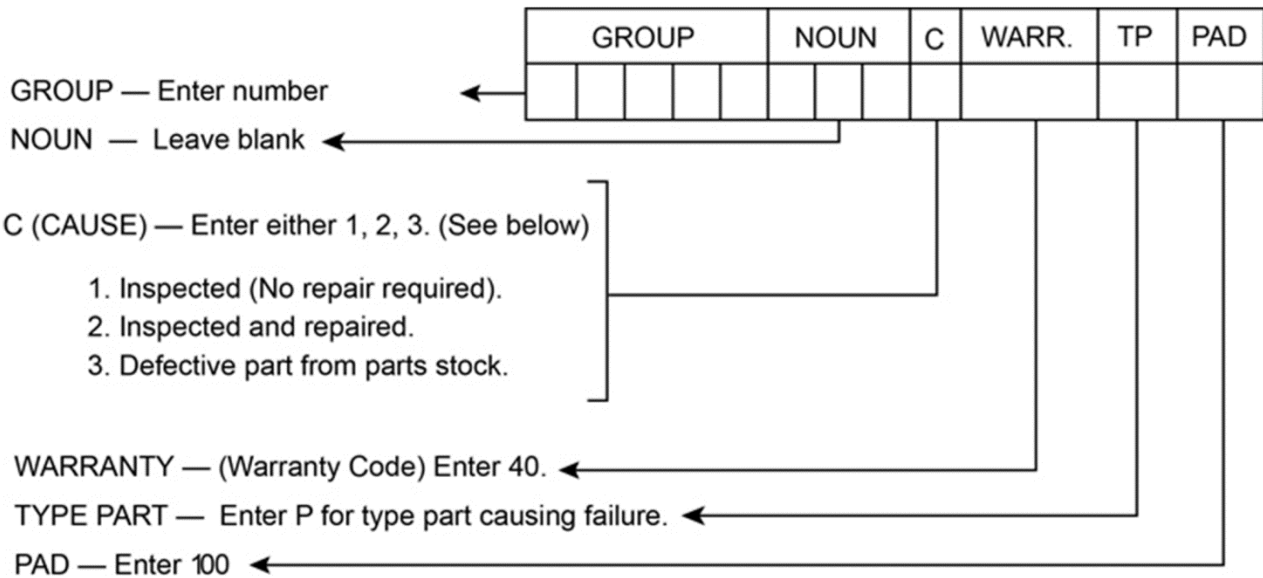
## WARRANTY CLAIMS

Warranty claim expense is to be charged to Warranty. Claims are to be submitted in the normal manner, making reference to Field Service Campaign 25106.

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 24105 activity must be submitted by 04 August 2026 or within the normal warranty period for the component repaired, if after 04 August 2026.



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