



FIELD SERVICE CAMPAIGN – 25101

27 MAY 2025

SUBJECT:

Trans/Air Evaporator Temperature Sensor Location Correction

MODELS INVOLVED:

IC Bus™ Electric CE Series buses

DEFECT DESCRIPTION:

Certain IC Bus™ Electric CE Series buses may have the front and rear A/C evaporator temperature sensor harness routed incorrectly.

ELIGIBILITY:

This procedure applies ONLY to vehicles marked in the International® Service PortalSM with FSC 25101. Also complete any other open campaigns listed on the Service Portal at this time.

TOOLS REQUIRED:

No special tools required.

PARTS REQUIRED:

No special parts required.

WORK INSTRUCTIONS

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

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

1. Park vehicle on flat surface.
2. Shift transmission / drive mode selector to Park or Neutral and set parking brake.
3. Turn ignition to Key OFF position.
4. Install wheel chocks.

5. Turn both 12V and high-voltage disconnect switches to OFF position.
6. Perform High-Voltage Isolation Level 1. Refer to technician manual for detailed instructions.

NOTE: These electric buses are equipped with front and rear A/C evaporators.

7. Gain access to evaporator.
8. Gain access to wire color temperature sensor connectors.
9. Inspect all temperature sensor connectors for correct wire color connections.

NOTE: The labeling for the sensors on the harness will be incorrect. Please disregard any of the harness labeling.

NOTE: All three temperature sensors have the same type of connector.

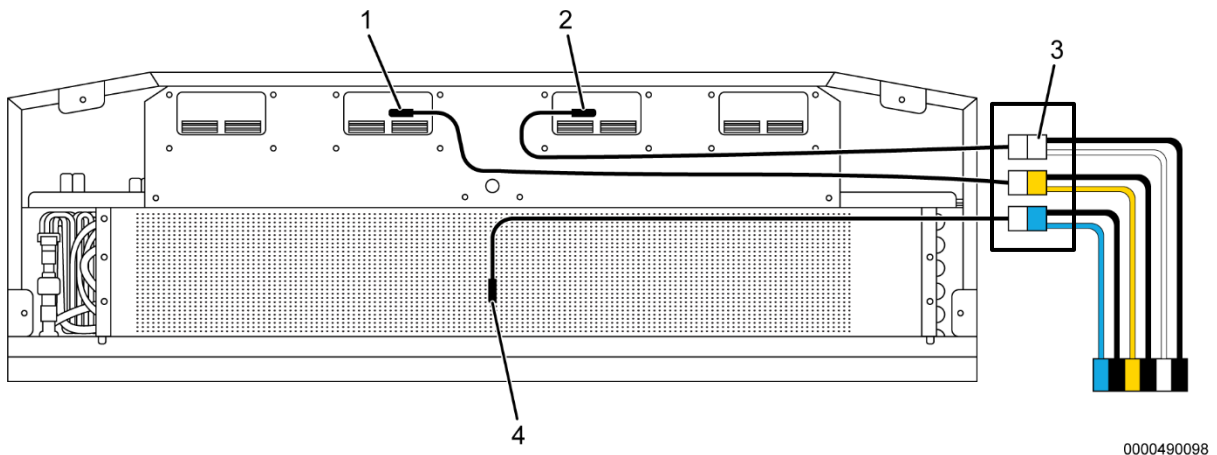


Figure 1. Evaporator Temperature Sensor Location

1. Coil temperature – YELLOW wire connector
 2. Outlet temperature – WHITE wire connector
 3. Three temperature sensor connectors with two wire color identification
 4. Return temperature – BLUE wire connector
10. Connect temperature sensors to correct color wire based on location of sensor, referring to Figure 1.
 11. Connect YELLOW wire to coil temperature sensor (Figure 1, Item 1).

12. Connect WHITE wire to outlet temperature sensor (Figure 1, Item 2).
13. Connect BLUE wire to return temperature sensor (Figure 1, Item 4).
14. Follow Steps 7–13 to complete rear sensor swap.
15. Verify A/C operation, ensuring A/C system does not short cycle and cools properly.
16. Remove wheel chocks.

LABOR INFORMATION

Operation number must appear on all claims.

Operation Number	Description	Time
A40-25101-1	High-Voltage Isolation Level 1 / Zone 1	0.3 hrs
A40-25101-2	Swap Harness Connection, Front and Rear Evaporators	0.4 hrs
A40-25101-3	Inspect Harness, Front and Rear Evaporators	0.2 hrs

Table 1 Labor Information

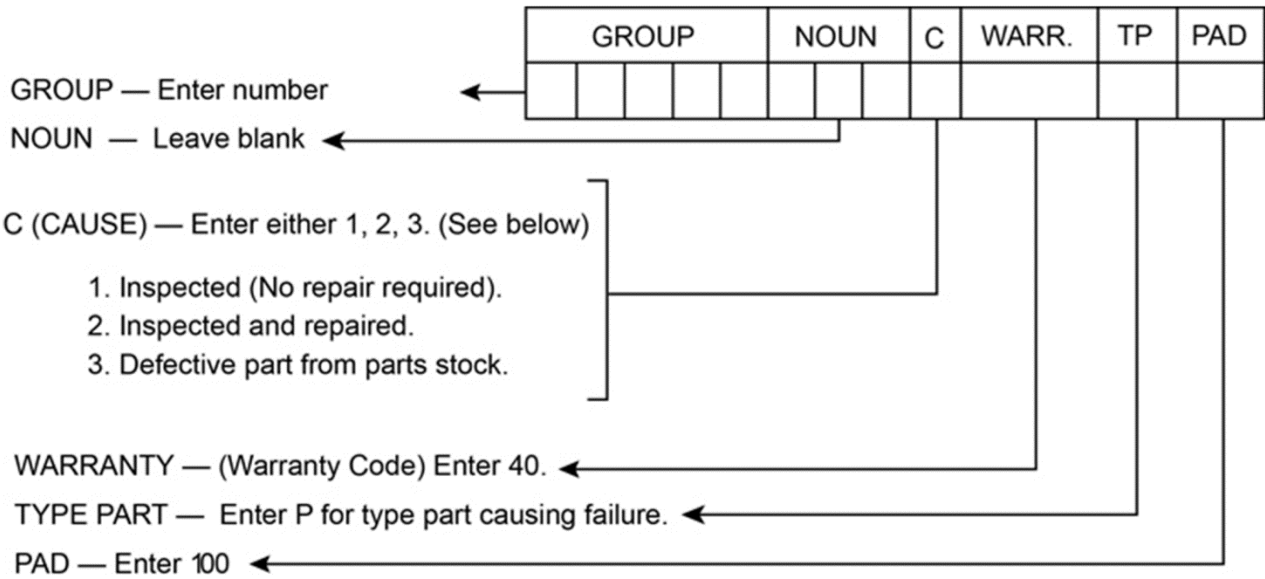
WARRANTY CLAIMS

Warranty claim expense is to be charged to Warranty. Claims are to be submitted in the normal manner, making reference to Field Service Campaign 25101.

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 25101 activity must be submitted by 27 May 2026 or within the normal warranty period for the component repaired, if after 27 May 2026.



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