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Coding Information

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Title: eCE EV Bus Trans/Air Incorrect Evaporator Temperature Sensor Locations

Applies To: 2023 to Present eCE Bus with Trans/Air A/C Feature 048HEP

CHANGE LOG

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

08/19/24 - Initial Article Release

DESCRIPTION

eCE EV bus with Trans/Air A/C, feature 048HEP built from 7/25/23 to present. The front and rear A/C evaporator temperature sensors are not properly located.

Please follow this document for inspection and proper temperature sensor locations and harness connections.

SYMPTOMS

- A/C system short cycling (On and Off).
- Does not properly cool.
- Does not meet set temperatures before shutting off.

No known fault codes.

REPAIR STEPS

1. Remove the evaporator outside panel.
2. Remove harness access panels as needed to access the temperature sensor connectors.
3. Please disregard all labeling on the sensor harnesses.
4. The three temperature sensors are the same type and specification.
5. Note the color of the wires at the temperature sensor connections at the harness.
6. The connectors are the same two terminal connector on these three sensors.
7. Using the chart and diagram below please connect the temperature sensor to the proper colored wire connector based on location of the sensor .
8. Do not move the sensors. Match the sensor location to the proper wire color connector .

Temp Sensor	Location	Wire Color Connector
Coil Temperature Sensor	Outlet Air Left	Yellow
Outlet Temperature Sensor	Outlet Air Right	White
Return Temperature Sensor	Return Air Center	Blue

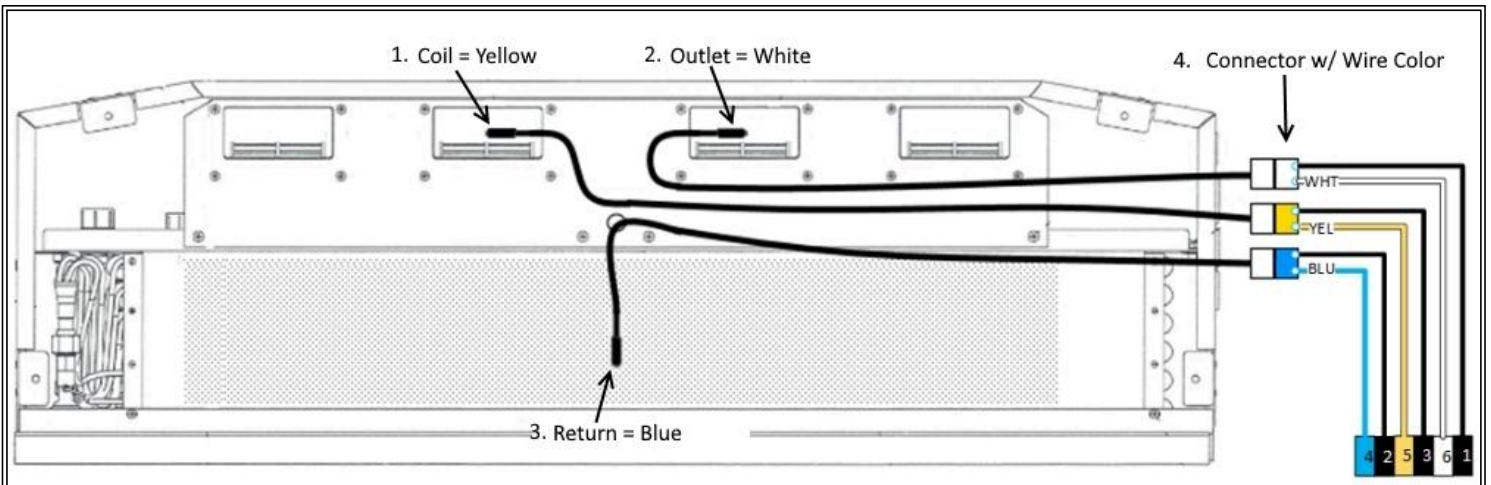


Figure 1 Evaporator Temperature Sensor Locations

- Item 1: **Coil Temperature Sensor** - Connect to **yellow** wire connector.
- Item 2: **Outlet Temperature Sensor**- Connect to **white** wire connector.
- Item 3: **Return Temperature Sensor**- Connect to **blue** wire connector.
- Item 4: 2 terminal temperature sensor connectors with wire color identification.

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

[Master Service Information Site](#)

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