

# ***SERVICE PROCEDURE***

**26505**  
**April, 2026**

**SUBJECT: SAFETY RECALL**  
**2022 thru 2027 IC Bus™ Electric CE Series school buses built 06/07/2021 thru 03/11/2026.**

## **CUSTOMER LETTER**

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

## **DEFECT DESCRIPTION**

On certain IC Bus™ Electric CE Series school buses, an unconnected High-Voltage Disconnect Connector (HVDC) disconnect bypass circuit will continue to power the High-Voltage Distribution Module while the High-Voltage Disconnect Switch is in the OFF position.

An HVDC disconnect switch in the OFF position may indicate to a first responder, technician, or customer that the vehicle is deenergized when it may not be, possibly increasing the risk of electrical shock resulting in personal injury or death.

## **MODELS INVOLVED**

This safety recall involves certain 2022 thru 2027 IC Bus™ Electric CE Series school buses built 06/07/2021 thru 03/11/2026.

## **ELIGIBILITY**

This procedure applies **ONLY** to vehicles marked in the International® Service Portal<sup>SM</sup> with Safety Recall 26505. Also complete any other open campaigns listed on the Service Portal at this time.

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### **VEHICLE RECALL 26505**

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## TOOL INFORMATION

Tool Number	Tool Description	Quantity
Source locally	Phillips screwdriver or driver bit for H04 (MY 2021 – 2026)	As required
Source locally	Torx T15 screwdriver or bit for H06 (MY 2026 – Current)	As required
Source locally	Straight pick and 90-degree pick	As required
Source locally	Marker or Sharpie	1

**Table 1** Tool Information

## PARTS INFORMATION

Part Number	Part Description	Quantity
3626441C1	Terminal, Cable Framatome 2.8 Mm	As Required, (only if damaged during repair)

**Table 2** Parts Information

**NOTE:** Only order the terminal if it was damaged during removal of shorting bar.

## SERVICE PROCEDURE

**GOVERNMENT REGULATION:** Engine fluid (oil, fuel, and coolant) may be a hazard to human health and the environment. Handle all fluid and other contaminated materials (such as filters and rags) in accordance with applicable regulations. Recycle or dispose of engine fluids, filters, and other contaminated materials according to applicable regulations.

**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 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.

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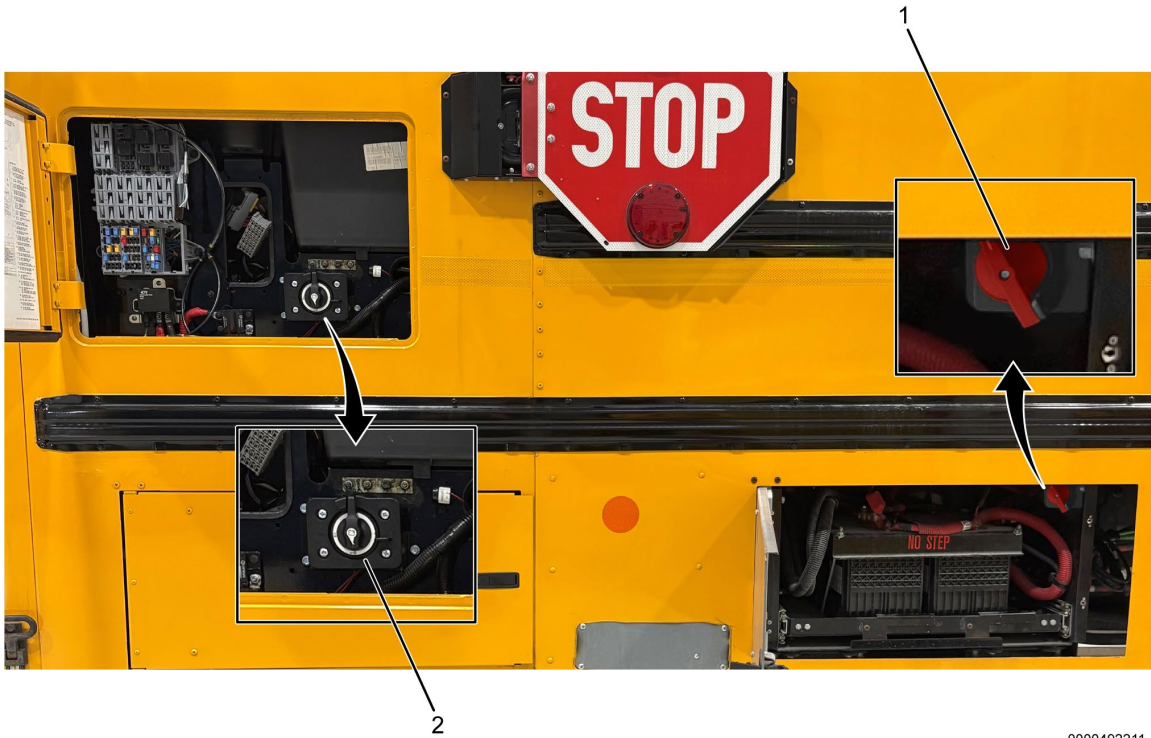
**WARNING!** To prevent personal injury and / or death, always wear safe eye protection when performing vehicle maintenance.

**WARNING!** To prevent personal injury and / or death, or damage to property, allow engine / vehicle components to cool before servicing.

**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.

1. Park vehicle on flat surface.
2. Shift transmission to Park or Neutral and set parking brake.
3. Turn ignition to Key OFF position.
4. Install wheel chocks.
5. Unlatch and open hood.



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**Figure 1. Typical HVDC and 12V Disconnect Locations**

1. 12V disconnect switch
2. HVDC disconnect switch

6. Locate HVDC disconnect switch (Figure 1, Item 2) via the Bus Body Fuse Block access door, located under the driver window and turn to the OFF position.
7. Locate the 12V disconnect switch (Figure 1, Item 1) in the battery tray compartment and turn the switch to the OFF position.

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**Figure 3. Left-Side Switch Panel Typical H06 (MY 2026 – Current)**

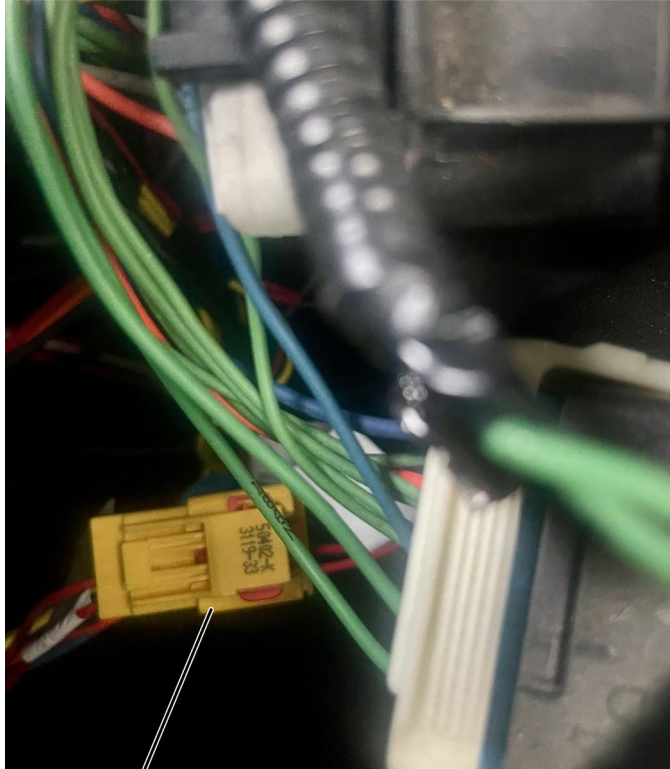
1. Panel screw (6)

8. From the driver seat, remove the left-side switch panel by removing the six panel screws (Figure 2 or 3, Item 1).

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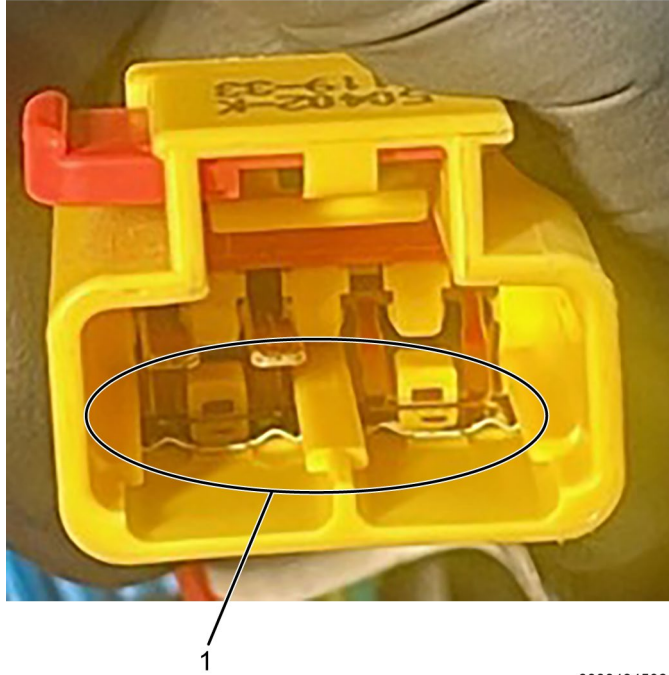
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**Figure 4. HVDC Connector**

1. HVDC harness connector

9. Locate the HVDC harness connector(s) (Figure 4, Item 1), identified by YELLOW color and tags indicating HVDC bypass.



**Figure 5. Pinned Side of HVDC Connector**

1. Shorting bar

10. Disconnect the HVDC connector(s) and locate the shorting bar (Figure 5, Item 1) on the pinned side of the connector.



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**Figure 6. Shorting Bar Adjustment**

1. Straight electrical connector pick

11. Insert an approved electrical connector pick between the shoring bars and the connector housing plate.
12. Ensuring to carefully avoid the terminals, apply even, gentle pressure until the shoring bars are free from the connector housing plate. Repeat for both shoring bars.



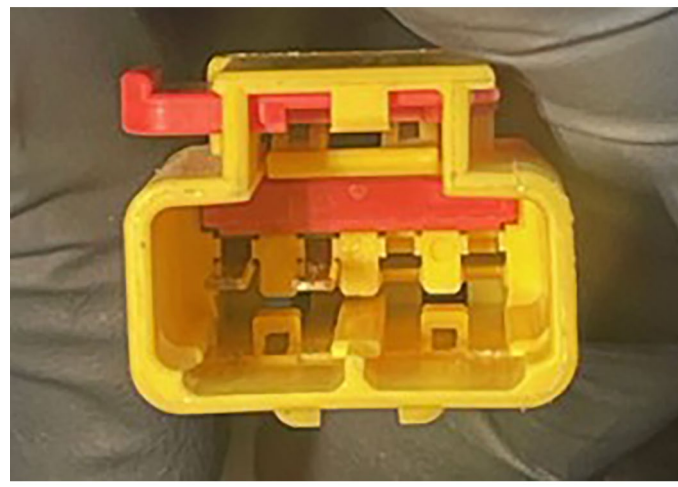
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**Figure 7. Shorting Bar Removal**

1. Shorting bar

13. Using an approved 90-degree electrical connector pick, carefully remove the shorting bar (Figure 7, Item 1). Repeat for both shorting bars.



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**Figure 8. HVDC Connector with Shorting Bar Removed**

14. Ensure the harness terminals are positioned correctly, undamaged, and completely isolated from any debris (Figure 8).

15. Reconnect the HVDC bypass connector(s), ensuring the RED connector position assurance lock is seated.



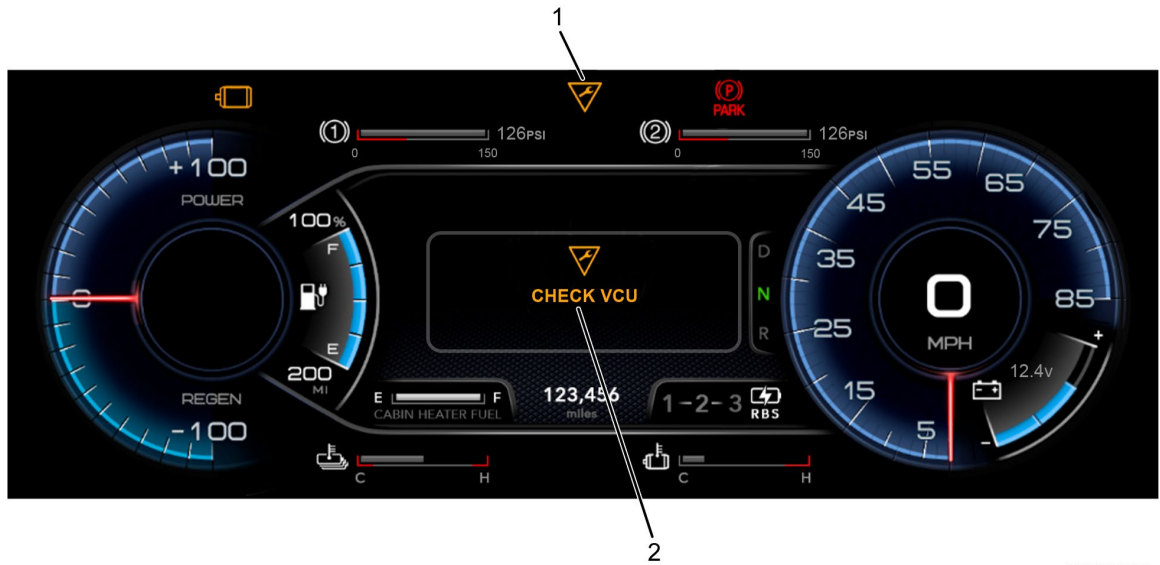
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**Figure 9. Witness Mark Location**

1. Witness mark

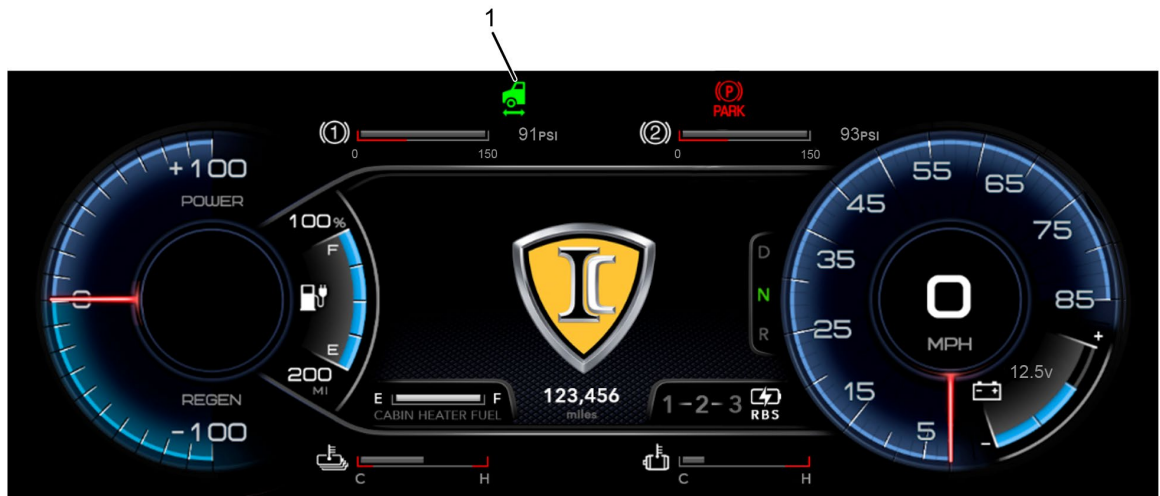
16. Using a marker or Sharpie, add a witness mark (Figure 9, Item 1) to the connector(s) for visual indication of procedure.
17. Turn the 12V disconnect switch to the ON position.
18. Turn the HVDC switch to the ON position.



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**Figure 10. Check VCU Warning**

1. Check VCU icon
2. Check VCU dialogue



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**Figure 11. Green Bus Icon Illuminated**

1. Green bus icon

19. Placing a foot on the brake pedal, turn ignition until the GREEN bus icon appears in the gauge cluster.
  - a. If the GREEN bus icon is NOT illuminated and showing “CHECK VCU” and / or the HV Not Ready Icon (Figure 10), proceed to Step 20.

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- b. If the GREEN bus icon is illuminated (Figure 11), proceed to Step 24.

- 20. Turn the HVDC switch to the OFF position
- 21. Turn the 12V disconnect switch to the OFF position.
- 22. Recheck the YELLOW HVDC connectors, ensuring they are completely seated, otherwise the terminals may have been damaged or pushed out of the connector housing. Troubleshoot and repair as needed.
- 23. Repeat Steps 17–22 until the GREEN bus icon is illuminated in the gauge cluster.
- 24. Reinstall the left-side switch panel.
- 25. Remove wheel chocks.

## **END OF SERVICE PROCEDURE**

### **LABOR INFORMATION**

<b>Operation Number</b>	<b>Description</b>	<b>Time</b>
A40-26505-1	Remove both shorting bars and verify repair	0.3 hrs

**Table 3** Labor Information

## CAMPAIGN IDENTIFICATION LABEL

Each vehicle corrected in accordance with this campaign must be marked with a CTS-1075 Campaign Identification Label.

Complete the label and attach on a clean surface next to the vehicle identification number (VIN) plate.



## ADMINISTRATIVE / DEALER RESPONSIBILITIES

### WARRANTY CLAIMS

Warranty claim expense is to be charged to Warranty. Claims are to be submitted in the normal manner, making reference to Safety Recall 26505.

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.

	GROUP	NOUN	C	WARR.	TP	PAD
GROUP — Enter number						
NOUN — Leave blank						
C (CAUSE) — Enter either 1, 2, 3. (See below)						
<ul style="list-style-type: none"> <li>1. Inspected (No repair required).</li> <li>2. Inspected and repaired.</li> <li>3. Defective part from parts stock.</li> </ul>						
WARRANTY — (Warranty Code) Enter 40.						
TYPE PART — Enter P for type part causing failure.						
PAD — Enter 100						

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## **UNITED STATES AND POSSESSIONS**

The National Traffic and Motor Vehicle Safety Act, as amended, provides that each vehicle that is subject to a vehicle recall campaign must be adequately repaired within a reasonable time after the owner has tendered it for repair. A failure to adequately repair within 60 days after a tender of a vehicle is prima facie evidence of failure to repair within a reasonable time. If the condition is not adequately repaired within 60 days, the owner may be entitled to replacement with an identical or reasonable equivalent vehicle at no charge, or to a refund of the purchase price less a reasonable allowance for depreciation.

Dealers must correct all vehicles subject to this campaign at no charge to the owner, regardless of mileage, age of vehicle, or ownership, from this time forward.

Dealers should proceed immediately to make necessary correction to units in inventory. Federal law prohibits a dealer from delivering under a sale or lease, a new motor vehicle or any new or used item of motor vehicle equipment (including a tire) covered by the notification of a recall until the defect or noncompliance is remedied.

Dealers must make every effort to promptly schedule an appointment with each owner to repair his or her vehicle as soon as possible. However, consistent with the customer notification, dealers are expected to complete the repairs on the mutually agreed upon service date.

Dealers involved in the recall process will be furnished a listing of owner names and addresses to enable them to follow up with owners and have the vehicles corrected. Use of this listing must be limited to this campaign because the list may contain information obtained from state motor vehicle registration records, and the use of such motor vehicle registration data for purposes other than this campaign is a violation of law in several states.

## **CANADA**

Dealers must correct all vehicles subject to this campaign at no charge to the owner, regardless of mileage, age of vehicle, or ownership, from this time forward.

Dealers should proceed immediately to make necessary correction to units in inventory. All inventory vehicles subject to this recall campaign must be corrected prior to sale, transfer or delivery. If vehicles have been sold or transferred and you are in receipt of Customer Notification Letters and Authorization for Recall Service cards for those vehicles, the transfer location or customer must be notified immediately from your dealer location.

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### **VEHICLE RECALL 26505**

Dealers must make every effort to promptly schedule an appointment with each owner to repair his or her vehicle as soon as possible. However, consistent with the customer notification, dealers are expected to complete the repairs on the mutually agreed upon service date.

Dealers involved in the recall process will be furnished a listing of owner names and addresses to enable them to follow up with owners and have the vehicles corrected. Use of this listing must be limited to this campaign because the list may contain information obtained from state motor vehicle registration records, and the use of such motor vehicle registration data for purposes other than this campaign is a violation of law in several states.

## **EXPORT**

Export Distributors should proceed immediately to make necessary correction to units in inventory. All inventory vehicles subject to this recall campaign must be corrected prior to sale, transfer or delivery. If vehicles have been sold or transferred and you are in receipt of Customer Notification Letters and Authorization for Recall Service cards for those vehicles, the transfer location or customer must be notified immediately from your distributor location.

Export Distributors are to submit warranty claims in the usual manner making reference to this recall number.

Export Distributors are expected to provide full cooperation and follow-up with respect to this important subject matter. If you have any questions or need further assistance, please contact the Regional Service Manager at your regional office.

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