



R25DS

## **IMPORTANT SAFETY RECALL**

**NHTSA Recall Number: 25V-635 (School Bus)**

**DATE:** November 19, 2025

**TO:** U.S. DEALERS

**SUBJECT:** R25DS: Brake Interlock System Software Error

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act.

Blue Bird Body Company has decided a defect which relates to motor vehicle safety exists in certain:

- Model year 2021-2026 Blue Bird Vision Electric School Buses
  - Manufactured from January 25, 2022 through August 29, 2025

This notice applies to your bus(es) identified by both Blue Bird Body Number and Vehicle Identification Number (VIN) on the enclosed yellow cover sheet. If you no longer own the subject bus(es), please complete the appropriate section of the yellow cover sheet and return to Blue Bird in the enclosed pink postage prepaid envelope.

Some Model Year 2021-2026 Blue Bird Vision (BBCV) EV vehicles with the Accelera PowerDrive system and equipped with an optional service brake interlock feature could experience the front service brakes being applied unintentionally when driving, if the driver seat belt is unfastened or the entrance door is opened when moving. A bus which stops suddenly and without warning may increase the risk of a crash.

### **Corrective Action:**

To correct this condition, Blue Bird has released updated A-Zone Multiplex module software to ensure service brake interlock function will not engage at vehicle speeds above 3 mph. To correct this condition on affected buses follow the R25DS Recall Repair Instructions.

### **Labor Reimbursement:**

Blue Bird will reimburse the labor cost of the Repair related to this recall at no cost to the Dealer or the vehicle owner. The standard repair time (SRT) to accomplish the repairs in accordance with the R25DS remedy procedure(s) is outlined below.

- **R25DS Repair: Software Update**
  - **0.5 Hour(s) (30 Minutes)**

### **Administering the Recall and Parts:**

Recall R25DS should be repaired, per R25DS Recall Instructions. All affected units in the field need to have the software updated to the latest version to eliminate the risk of the failure mode. Updated software files have been uploaded to Vantage for all affected vehicles. **Recall parts are not required.**

If Blue Bird's records indicate bus(es) subject to this recall were delivered in your service area, a list of affected bus(es) will be enclosed. The bus(es) will be identified by Blue Bird Body Number and Vehicle Identification Number (VIN) on the enclosed yellow cover sheet. **Dealers should verify correct owners and assure complete mailing and shipping addresses are provided for each listed owner.**



It is the dealer's responsibility to verify the correct owner's name, address, and telephone number is provided for each listed vehicle. Any corrections or updates should be made in ClaimsCenter. Addresses that cannot be updated should be forwarded to [campaignparts@blue-bird.com](mailto:campaignparts@blue-bird.com)

**Federal law requires any vehicle lessor receiving this recall notice must forward a copy of this notice to the lessee within ten days.**

Dealers are reminded of their responsibilities under Section 154 of The National Traffic and Motor Vehicle Safety Act of 1991. Dealers are required to complete modifications on units in their inventory before delivering to the final owner. Reference Blue Bird Body Company Distributor Memo No. 42-92.

If you have in your possession or have sold a bus that was purchased from another dealer, that may be affected by this recall, please notify Lisa Hancock at 478-822-2242 or [lisa.hancock@blue-bird.com](mailto:lisa.hancock@blue-bird.com) Questions regarding this recall campaign should be directed to Lisa Hancock, as well.

Sincerely,

***Lisa Hancock***

Corporate Recall Administrator  
Blue Bird Corporation  
402 Blue Bird Blvd, Fort Valley, Georgia 31030  
Phone 478.822.2242  
[lisa.hancock@blue-bird.com](mailto:lisa.hancock@blue-bird.com)



R25DS

## **IMPORTANT SAFETY RECALL**

NHTSA Recall Number: 25V-635 (School Bus)

**DATE:** November 19, 2025

**SUBJECT:** R25DS: Brake Interlock System Software Error

**Dear Blue Bird Owner:**

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act.

Blue Bird Body Company has decided a defect which relates to motor vehicle safety exists in certain:

- Model year 2021-2026 Blue Bird Vision Electric School Buses
  - Manufactured from January 25, 2022 through August 29, 2025

This notice applies to your bus(es) identified by both Blue Bird Body Number and Vehicle Identification Number (VIN) on the enclosed yellow cover sheet. If you no longer own the subject bus(es), please complete the appropriate section of the yellow cover sheet and return to Blue Bird in the enclosed pink postage prepaid envelope.

Some Model Year 2021-2026 Blue Bird Vision (BBCV) EV vehicles with the Accelera PowerDrive system and equipped with an optional service brake interlock feature could experience the front service brakes being applied unintentionally when driving, if the driver seat belt is unfastened or the entrance door is opened when moving. A bus which stops suddenly and without warning may increase the risk of a crash.

### **Corrective Action:**

To correct this condition, Blue Bird has released updated A-Zone Multiplex module software to ensure service brake interlock function will not engage at vehicle speeds above 3 mph. To correct this condition on affected buses follow the R25DS Recall Repair Instructions.

### **Labor Reimbursement:**

Blue Bird will reimburse the labor cost of the repair related to this recall at no cost to the vehicle owner. The standard repair time (SRT) to accomplish the repair(s) in accordance with the R25DS remedy procedure(s) is outlined below.

- **R25DS Repair: Software Update**
  - **0.5 Hour(s) (30 Minutes)**

### **Administering the Recall and Parts:**

Recall R25DS should be repaired, per R25DS Recall Instructions. All affected units in the field need to have the software updated to the latest version to eliminate the risk of the failure mode. Updated software files have been uploaded to Vantage for all affected vehicles. **Recall parts are not required.**

**Blue Bird recommends you contact your local or nearest Blue Bird Dealer to arrange for this recall to be performed.**

To locate an authorized dealer, search online at [www.blue-bird.com/find-a-dealer](http://www.blue-bird.com/find-a-dealer) The Dealer can perform the repairs, or arrange for repairs to be performed by a service repair facility authorized by the Dealer. Recall R25DS should be repaired, per R25DS Recall Instructions.



**Federal law requires that any vehicle lessor receiving this recall notice must forward a copy of this notice to the lessee within ten days.**

**If the modifications directed by this notification were performed on your bus prior to the receipt of this recall notification, attach a copy of the work order/invoice.** Mail the documents in the pink self-addressed postage prepaid envelope included with the pink reply sheet to Blue Bird for warranty consideration. Reimbursements will be made in accordance with the requirements of the National Highway Transportation Safety Act, Title 49 Code of Federal Regulations, Parts 573 and 577.

**Please contact your local Blue Bird Dealer with any questions regarding this recall campaign.**

If Blue Bird Body Company should fail to or is unable to remedy this condition without charge to you, you may contact:

**ADMINISTRATOR  
NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION  
1200 NEW JERSEY AVENUE, SE  
WASHINGTON, D.C. 20590**

Or, you may call The National Highway Traffic Safety Administration toll free: **1-888-327-4236**  
Hearing Impaired TTY: **1-888-275-9171**  
or <https://www.safercar.gov>



# RECALL

## R25DS: Brake Interlock System Software Error

**Models Affected:** Certain 2021-2026 Blue Bird Vision Electric School Buses

**Issue:** Some Model Year 2021-2026 Blue Bird Vision (BBCV) EV vehicles with the Accelera PowerDrive system and equipped with an optional service brake interlock feature could experience the front service brakes being applied unintentionally when driving, if the driver seat belt is unfastened or the entrance door is opened when moving.

**Corrective Action:** Blue Bird has released updated A-Zone Multiplex module software to ensure service brake interlock function will not engage at vehicle speeds above 3 mph. All affected units in the field need to have the software updated to the latest version to eliminate the risk of the failure mode. Updated software files have been uploaded to Vantage for all affected vehicles.

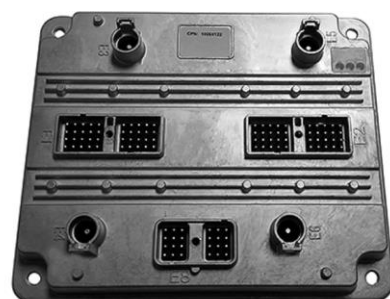
- Application version 1.4 or greater
- Simulink version 2.3.29 or greater

**Component Code:** 50-200-206

**SRT:** 0.5 HR (30 minutes)

Multiplex Module (Blue Bird Part # 10059122) Shown Below, As Reference Only

Item# 10059122



### Items Required:

| Description  | Where to get it  |
|--|--|
| AmeFlash Tool Software (Free download. Requires Vantage Log-in)  | <a href="#">Blue Bird Vantage&gt;&gt;Parts &amp; Service&gt;&gt;Technical Reference&gt;&gt;Software Downloads&gt;&gt;Ametek Software</a> |
| RP1210 Communication Adapter Supported by the AmeFlash Tool Software (Dearborn DPA-5 USB Recommended)                      |  |
| Blue Bird Bench Program Harness #10074768.   | Blue Bird Service Parts  |
| Application file 1.4 or greater. Not vehicle or module specific. Same for all.   | <a href="#">Blue Bird Vantage&gt;&gt;Parts &amp; Service&gt;&gt;Technical Reference&gt;&gt;Software Downloads&gt;&gt;Ametek Software</a> |
| C-Zone Simulink file, version 2.3.29 or greater. Not vehicle specific. Only for front body controller. Front right header  | <a href="#">Blue Bird Vantage&gt;&gt;Parts &amp; Service&gt;&gt;Technical Reference&gt;&gt;Software Downloads&gt;&gt;Ametek Software</a> |
| D-Zone Simulink file, version 2.3.29 or greater. Not vehicle specific. Only for the rear body controller. Rear left header | <a href="#">Blue Bird Vantage&gt;&gt;Parts &amp; Service&gt;&gt;Technical Reference&gt;&gt;Software Downloads&gt;&gt;Ametek Software</a> |
| A-Zone Simulink file, version 2.3.29 or greater. Vehicle specific. Only for the chassis controller (PDU)                   | Unit Dashboard>>Service>>VEPS>>Program MUX A-ZONE PROGRAM FILES>>BODY_NUMBER.ver   |

### Optional Bench harness power leads:

| Item # | Description                    | Part number      | Link                 | Quantity |
|--------|--------------------------------|------------------|----------------------|----------|
| 4      | Alligator Clip                 | CTM-60           | <a href="#">LINK</a> | 1        |
| 5      | Positive Banana End            | CT3134-2         | <a href="#">LINK</a> | 1        |
| 6      | Negative Banana End            | CT3134-0         | <a href="#">LINK</a> | 1        |
| 7      | Female Power Connector housing | ATHD04-1-8P-E003 | <a href="#">LINK</a> | 1        |
| 8      | Male power connector pin       | AT60-204-08141   | <a href="#">LINK</a> | 1        |



# RECALL

## R25DS: Brake Interlock System Software Error

**WARNING:** Always follow all Federal, State, Local, and Shop safety standards and use proper safety equipment. Thoroughly read and understand all instructions before performing these procedures. Park bus on level surface, apply parking brake, turn off ignition key, and chock wheels.

**IMPORTANT:**

- Application file (all modules) and Simulink file for the C & D modules are downloaded from [Blue Bird Vantage>>Parts & Service>>Technical Reference>>Software Downloads>>Ametek Software](#).
- The Simulink file for the A-zone/chassis controller **is vehicle specific** and is the ONLY file to be downloaded from VEPS.
  - Unit Dashboard>>Service>>VEPS>>Program MUX A-ZONE PROGRAM FILES>>BODY\_NUMBER.ver

**Instructions:**

Step 1: Verify 12v battery is fully charged. Anything less than 12.50V, connect battery charger. Key off for entire procedure.

Step 2: Remove PDU cover (black plastic cover below dash) and front/C-zone & rear/D-zone PMM access plates.

Step 3: Disconnect the E8 connector off each PMM with 4mm Allen wrench. Figure 1

Step 4: Connect RP1210A compliant In-Line adapter to bench harness part # 10074768

Step 5: Connect bench harness to the E8 connector on the MUX/PMM to be programmed.

- Optional: Bench harness power/ground jumpers can be fabricated per Figure 2.

Step 6: Launch AmeFlash utility & Flash A-zone PMM application(app) file first, then Simulink/model file

- **Chassis Controller (A-zone) Simulink/model file is downloaded from VEPS. This will be the only file downloaded from the VEPS page on Vantage. All others will come from Ametek software download page.**

Step 7: Move Bench harness to C-zone, and flash app file, then Simulink file

Step 8: Move bench harness to D-zone, and flash app file, then Simulink file

Step 9: Re-install all E8 connectors starting with A zone first, then C, then D. Torque fastener to 25-28 IN-LB (2.82-3.13 Nm)

**Note: Do not use power tools to install E8 connector. This securement bolt is sacrificial to prevent over torque and will snap off.**

Step 10: Reference the production order & perform a full system check. If passes, re-install access plates and PDU cover. If not, contact Blue Bird Service.

| Description | Location  | MUX address |
|-------------|---|-------------|
| A-Zone      | Chassis PDU, below dash   | 0x21h       |
| C-Zone      | Front Body Controller. Front body header, RH side. Cover plate 6"x12" | 0xF2h       |
| D-Zone      | Rear Body Controller. Rear body header, LH side. Cover plate 6"x12"   | 0xF4h       |

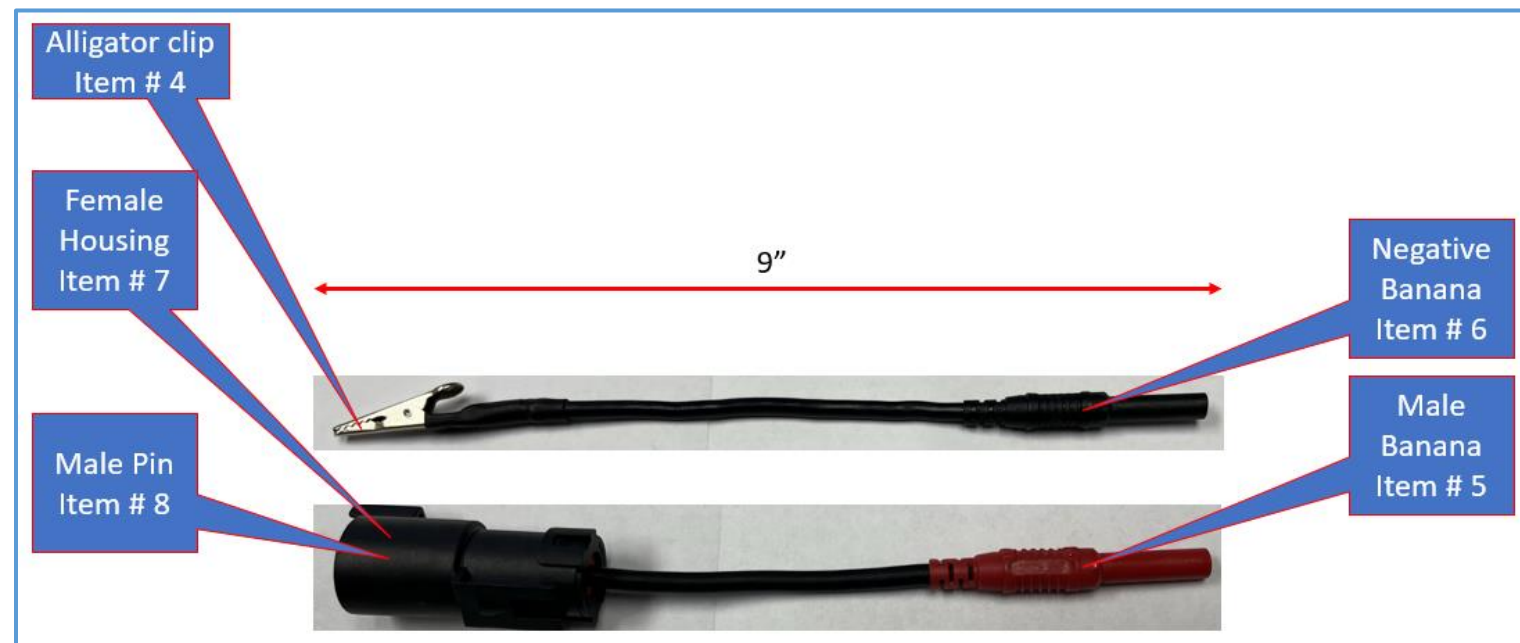


Figure 2

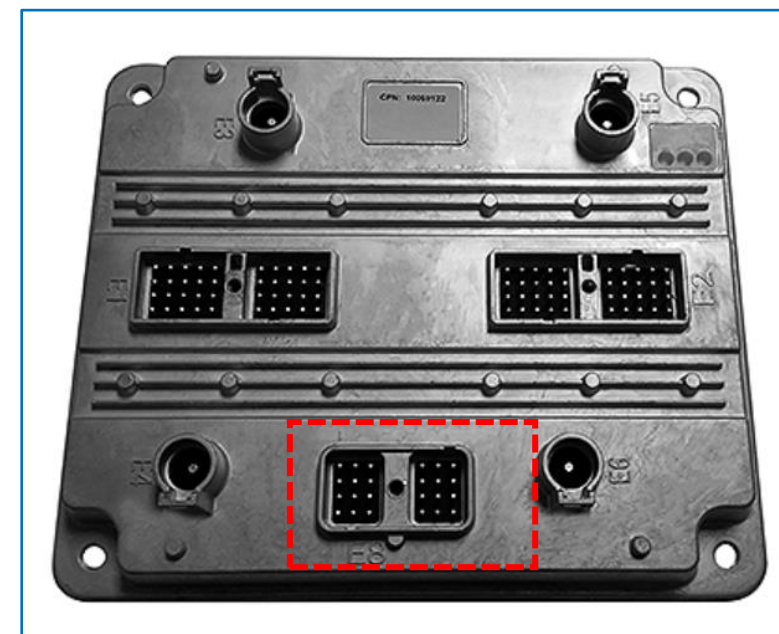


Figure 1