



R24DC

## FINAL NOTICE

**DATE:** March 3, 2025

**TO:** Blue Bird Owners

**Subject:** R24DC: FMVSS 221 Noncompliance: Joint Strength – Insufficient Roof Rivet Quantity

According to our records, we have not received confirmation the above referenced recall, dated September 17, 2024, has been completed. A copy of Recall R24DC is attached. Your buses affected by Recall R24DC are identified by Blue Bird body number and VIN under Section 2 on the enclosed cover sheet.

If this is the first time you received notification of Recall R24DC, please read the enclosed notification carefully. Recall R24DC must be completed, as soon as possible.

**Corrective Action:**

Blue Bird will notify the affected dealers and owners and will provide Repair Instructions and parts, as needed. All affected units will need to be repaired, per the R24DC Recall Inspection and Repair Instructions. The roof panel joints will be inspected and additional rivets will be installed, as necessary.

If the modifications directed by this notification were performed on your bus prior to the receipt of this recall notification, provide a copy of the work order/invoice to [campaignparts@blue-bird.com](mailto:campaignparts@blue-bird.com) for Blue Bird warranty consideration.

**Administering the Recall and Parts:**

Recall R24DC should be repaired, per R24DC Recall Instructions. You may request parts at [campaignparts@blue-bird.com](mailto:campaignparts@blue-bird.com)

Thank you for your prompt attention to this matter.



R24DC

**IMPORTANT SAFETY RECALL**  
**NHTSA Number: 24V-543 (School Bus)**

**DATE:** September 17, 2024

**SUBJECT:** R24DC: FMVSS 221 Noncompliance: Joint Strength – Insufficient Roof Rivet Quantity

**Dear Blue Bird Owner:**

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

Blue Bird Body Company has decided that certain

- **US Vision School Bus (BBCV):**
  - Model Years: 2019-2023 September 3, 2019 through March 31, 2022
- **US All American School Bus (T3FE/T3RE):**
  - Model Years: 2019-2023 September 3, 2019 through March 31, 2022

vehicles may fail to conform to the Federal Motor Vehicle Safety Standard FMVSS 221, School Bus Body Joint Strength.

This notice applies to your bus(es) identified by both Blue Bird Body Number and Vehicle Identification Number (VIN) on the attached yellow cover sheet.

It has been determined that certain Blue Bird School buses may fail to conform to the Federal Motor Vehicle Safety Standard Number 221, School Bus Body Joint Strength. The buses may contain an insufficient quantity of rivets in the roof panel joints to meet the requirement in any 8-inch segments along the roof joints, which increases the risk of an injury.

**Corrective Action:**

Blue Bird will notify the affected dealers and owners and will provide Repair Instructions and parts, as needed. All affected units will need to be repaired, per the R24DC Recall Inspection and Repair Instructions. The roof panel joints will be inspected and additional rivets will be installed, as necessary.

If the modifications directed by this notification were performed on your bus prior to the receipt of this recall notification, provide a copy of the work order/invoice to [campaignparts@blue-bird.com](mailto:campaignparts@blue-bird.com) for Blue Bird warranty consideration.

**Labor Reimbursement:**

Blue Bird will reimburse the labor cost of the repairs related to this recall at no cost to the vehicle owner. **The standard repair time (SRT) to accomplish the repair in accordance with the R24DC remedy procedure is outlined below.**



**Labor Reimbursement:** *(continued)*

**R24DC Inspection**

- .8 Hour (48 minutes)

**R24DC Repair A**

- **1-3 Rivets**
- .1 Hour (6 minutes)

**R24DC Repair B**

- **4-6 Rivets**
- .2 Hour (12 minutes)

**R24DC Repair C**

- **7-9 Rivets**
- .3 Hour (18 minutes)

**R24DC Repair D**

- **10-12 Rivets**
- .4 Hour (24 minutes)

**Administering the Recall and Parts:**

Recall R24DC should be repaired, per R24DC Recall Instructions. You may request parts at [campaignparts@blue-bird.com](mailto:campaignparts@blue-bird.com)

**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. However, you may elect to perform this recall yourself or pay another independent repair facility to perform this recall. A qualified technician should perform this recall. If you elect to perform this recall yourself or pay another independent repair facility to perform this recall, complete and submit the Pink Owner's Recall Reply Sheet provided. The Recall Reply Sheet includes a section for the owner to request reimbursement of the owner's labor or to request reimbursement for a labor invoice paid by the owner to an independent repair facility.

**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.



**BLUE BIRD**  
**Blue Bird Body Company**  
Page 3

R24DC

**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 at:  
1-888-327-4236 TTY 1-800-424-9153 or go to: <http://www.safercar.gov>



# RECALL

## R24DC: FMVSS 221 Noncompliance: Joint Strength – Insufficient Roof Rivet Quantity

**Models Affected:** Certain 2019-2023 Vision and All American buses

**Issue:** On certain units, the roof sheet rivet spacing may be incorrect in some segments, resulting in noncompliance with FMVSS 221, School Bus Body Joint Strength.

**Corrective Action:** Inspect the rivet spacing at each roof sheet joint and install additional rivets, as required by specification.

**Parts/Items Needed:**

Item Number	Part Number	Description	Quantity
1	10052610	FASTENER,HUCK,.25 BLIND,MAGNALOK,MGLP-R8-ES	12 (Approximately)
2	NA	*RIVET SPACING TEMPLATE	1

\*Rivet spacing template will be included in the dealer/owner letters sent in the US mail.

**[WARNING]** This procedure requires working from ladders or scaffolds to reach the top of the bus. Observe all safety precautions to secure the bus from rolling and for use of ladders or scaffolds. 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**.

Instructions

1. On one side of the bus, starting at either the front or the rear, go to the first roof panel joint seam of double rivets. These will be the rivet rows that need to be inspected.
2. Use a ladder or scaffold that will allow access to the roof of the bus.





3. Inspect rivet spacing at each roof sheet joint. Roof sheet joints are assembled with two rows of rivets. Joint must have a minimum of six rivets in an eight inch segment. The full length of the roof sheet joint, including the top of the bus, must be inspected and corrected, if needed.
  - a. Place the supplied rivet spacing template over the joint and parallel to the edge of the roof sheet, allowing roof rivets to be exposed through the opening in the template, as shown.
  - b. Move the template from one side of the roof sheet towards the center of the roof.
  - c. If a segment in the roof joint contains less than six rivets, additional rivets are required. Mark each area that requires additional rivets.
  - d. If one rivet is required; add a rivet equally spaced between the two rivets with the largest space in this section.
  - e. If additional rivets are required; add additional rivets between the largest spaces until a minimum of six (6) rivets have been added in the eight (8) inch segment.
4. Using a short 17/64" drill bit, drill a hole through the roof sheet and bow flange only. **Be sure not to drill through the inside headliner.** Drill any required holes on a common centerline with existing rivets.
5. Install rivet (Item 1) in each drilled hole.
6. With the correct color paint, touch up each blind rivet installed.
7. Repeat procedure on the opposite side of the bus.