



R24DA

FINAL NOTICE

DATE: January 30, 2025
TO: Blue Bird Owners
Subject: R24DA: Ametek MUX Firmware

According to our records, we have not received confirmation the above referenced recall, dated July 9, 2024, has been completed. A copy of Recall R24DA is attached. Your buses affected by Recall R24DA 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 R24DA, please read the enclosed notification carefully. Recall R24DA must be completed, as soon as possible.

Corrective Action:

Blue Bird will notify the affected dealers and owners and will provide inspection and repair instructions and parts, as needed. All affected units in the field will need to have the tank reworked to remove the return tube. Blue Bird will reimburse the labor cost of the repair related to this recall at no cost to the vehicle owner. Vehicles affected by this issue should be repaired, per the R24DA Recall Inspection and Repair Instructions.

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 for Blue Bird warranty consideration.

Blue Bird evaluated the risk to motor vehicle safety related to this noncompliance and determined, diesel fuel spillage can pose a risk of a fire under certain circumstances, and can also be considered an environmental hazard. There is not an audible or visual warning which would precede or occur.

Labor Reimbursement:

Blue Bird will reimburse the labor cost of the repairs related to this recall at no cost to the Dealer or to the vehicle owner. **The standard repair time (SRT) to accomplish the repair in accordance with the R24DA remedy procedure is outlined below.**

- **R24DA Repair**
 - 1 Hour (60 minutes)

Thank you for your prompt attention to this matter.



R24DA

IMPORTANT SAFETY RECALL
NHTSA Number: 24V-365 (School Bus)

DATE: July 9, 2024

SUBJECT: R24DA: FMVSS 301 Noncompliance - EV Fuel Fired Heater – Fuel Leak

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 certain

- Model year 2021-2023 Blue Bird Vision School Buses
 - Manufactured from May 7, 2021 through March 7, 2024
- vehicles fail to conform to the Federal Motor Vehicle Safety Standard 301, “Fuel System Integrity”.

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.

Certain Vision electric school buses equipped with an optional fuel-fired heater can allow excessive diesel fuel spillage from an improperly designed vent in the fuel tank. A tube in the fuel tank at the vent location could allow fuel to spill during filling or when excess pressure builds up in the tank, increasing the risk of a crash. Additionally, a fuel leak in the presence of an ignition source increases the risk of a fire.

Blue Bird shall conduct a recall to correct this noncompliance. All affected units will need to have the tank reworked to remove the tube. The reworked fuel tank will not have a return tube located at the vent port, which should prevent any diesel fuel spillage.

Corrective Action:

Blue Bird will notify the affected dealers and owners and will provide inspection and repair instructions and parts, as needed. All affected units in the field will need to have the tank reworked to remove the return tube. Blue Bird will reimburse the labor cost of the repair related to this recall at no cost to the vehicle owner. Vehicles affected by this issue should be repaired, per the R24DA Recall Inspection and Repair Instructions.

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 for Blue Bird warranty consideration.



Blue Bird evaluated the risk to motor vehicle safety related to this noncompliance and determined, diesel fuel spillage can pose a risk of a fire under certain circumstances, and can also be considered an environmental hazard. There is not an audible or visual warning which would precede or occur.

Labor Reimbursement:

Blue Bird will reimburse the labor cost of the repairs related to this recall at no cost to the Dealer or to the vehicle owner. **The standard repair time (SRT) to accomplish the repair in accordance with the R24DA remedy procedure is outlined below.**

- **R24DA Repair**
 - 1 Hour (60 minutes)

Administering the Recall and Parts:

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 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.

Recall R24DA should be repaired, per R24DA Recall Instructions. Parts required for the repair are dependent on the inspection results and discovery. **Parts are to be ordered through Service Parts as needed and should be included on the Labor Reimbursement Claim. Parts are currently available.**

Part Number	Description	Quantity
10013053	VENT, FUEL TANK, GT TECH 2113	As Needed
00082604	FITTING,PARKER,45 DEG,179HB-12-8	As Needed
00938548	HOSE,RUBBER,9/32 X 17/32	As Needed
01886357	HOSE,.75 ID X 1.03 OD,W-H H10112	As Needed
01025857	CLAMP,HOSE,LINED,0.56 TO 1.06 DIA	As Needed
02027571	CLAMP,HOSE,0.438 TO 0.781 DIA	As Needed
00905745	SEALANT,PIPE,LOCTITE 567,W/TEFLON 250CC (Obtain Locally)	As Needed

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-



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



RECALL

R24DA: EV Fuel Fired Heater – Fuel Leak (FMVSS 301)

Models Affected: Certain 2021-2023 Model Year Blue Bird Electric Buses equipped with feature 01345-02

Issue: On identified buses there is a potential for diesel fuel to seep out of the 25-gallon auxiliary diesel fuel tank vent and onto the ground. The vent valve is designed to be installed into the vapor space of the tank. On some models, there is a standpipe below the vent valve. This stand pipe needs to be removed in order for the system to function properly.

Corrective Action: Ensure the aux fuel tank plumbing configuration is per Figure 1 below. If not, re-configure connections. Remove tank vent fitting from the tank, modify, and re-install.

Component Code: 40-100-151

SRT: 1.0 HR

Related Service Parts

Part Number	Description	QTY
10013053	VENT, FUEL TANK, GT TECH 2113	A/R
00082604	FITTING,PARKER,45 DEG,179HB-12-8	A/R
00938548	HOSE,RUBBER,9/32 X 17/32	A/R
01886357	HOSE,.75 ID X 1.03 OD,W-H H10112	A/R
01025857	CLAMP,HOSE,LINED,0.56 TO 1.06 DIA	A/R
02027571	CLAMP,HOSE,0.438 TO 0.781 DIA	A/R
00905745	SEALANT,PIPE,LOCTITE 567,W/TEFLON 250CC (Obtain Locally)	A/R

Parts should be ordered through Service Parts on an As Needed Basis.

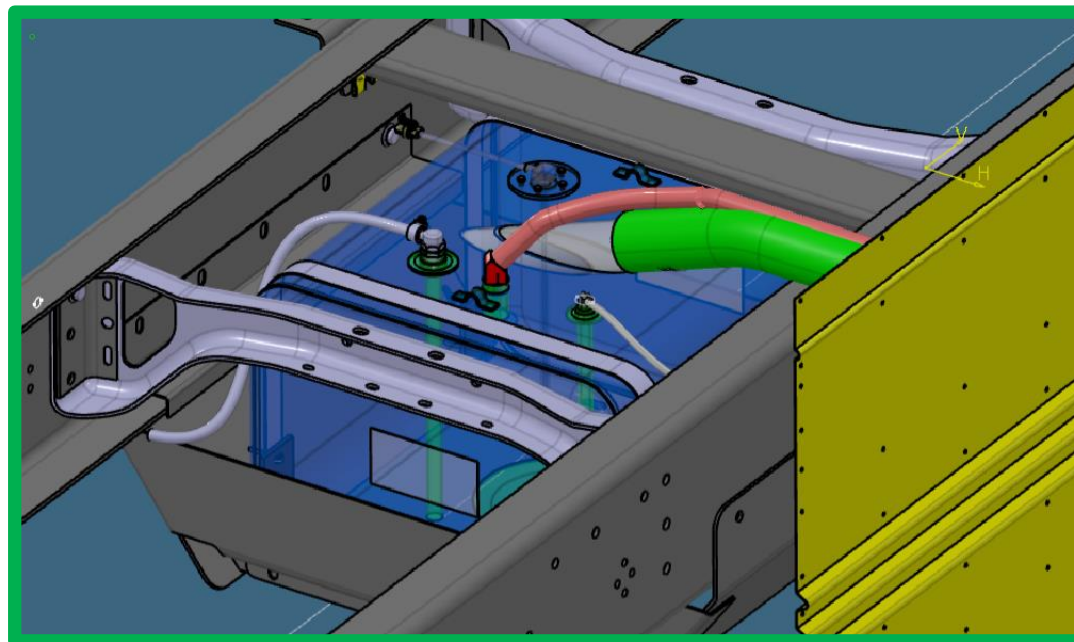


Figure 1

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.

Instructions:

Step 1: Inspect fuel tank interface connection points. Replace/relocate components, as required.

- Location A- Fuel Tank Vent
- Location B- Fill Neck Vent
- Location C- Fuel Fired Heater Supply

Step 2: Clean the area of dust/debris. Remove the vent line and vent valve and place aside

Step 3: Remove the threaded bung at location A out of the tank. It will have a stand pipe attached to the bottom

NOTE: You will need to bend the stand pipe as you remove the fitting from the tank. Bend as little as required to fully remove the bung/fitting assembly

Step 3: Cut the stand pipe off the bottom of the fitting

Step 4: Clean the threads on the fitting, apply Loc-tite™ 567 or equivalent, and install into the tank

Step 5: Re-Install the vent valve and associated plumbing



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Step 6: Correct any other mis-installed fittings in location B and C

