

# Part 573 Safety Recall Report

# 22V-279

**Manufacturer Name :** Blue Bird Body Company

**Submission Date :** APR 27, 2022

**NHTSA Recall No. :** 22V-279

**Manufacturer Recall No. :** R22BT (School Bus)



## Manufacturer Information :

## Population :

**Manufacturer Name :** Blue Bird Body Company

**Number of potentially involved :** 674

**Address :** P.O. Box 937  
402 Blue Bird Boulevard Fort Valley  
GA 31030

**Estimated percentage with defect :** 100 %

**Company phone :** 478-822-2242

## Vehicle Information :

**Vehicle 1 :** 2023-2023 Blue Bird Vision

**Vehicle Type :** BUSES, MEDIUM & HEAVY VEHICLES

**Body Style :** OTHER

**Power Train :** GAS

**Descriptive Information :** It has been determined that certain Blue Bird BBCV School Buses equipped with air stop arm features may fail to conform to the Federal Motor Vehicle Safety Standard 131, School Bus Pedestrian Safety Devices. This issue could prevent the stop arm from functioning, as designed or have intermittent functionality. This is due to incorrect pins being installed in an electrical connector by the supplier. The affected units have two male pins instead of the designed male/female pin configuration.

**Production Dates :** NOV 16, 2021 - APR 13, 2022

**VIN Range 1 : Begin :**

NR

**End :** NR

Not sequential

## Description of Noncompliance :

**Description of the Noncompliance :** It has been determined that certain Blue Bird BBCV School Buses equipped with air stop arm features may fail to conform to the Federal Motor Vehicle Safety Standard 131, School Bus Pedestrian Safety Devices. This issue could prevent the stop arm from functioning, as designed or have intermittent functionality. This is due to incorrect pins being installed in an electrical connector by the supplier. The affected units have two male pins instead of the designed male/female pin configuration.

**FMVSS 1 :** 131 - School bus pedestrian safety devices

**FMVSS 2 :** NR

**Description of the Safety Risk :** A disruption in the functionality of the stop arm device could increase the risk of injury during the boarding and deboarding process of the bus, as required visual indicators for oncoming vehicles may not deploy properly.

**Description of the Cause :** It has been determined that certain Blue Bird BBCV buses equipped with air

stop arm features may fail to conform to the Federal Motor Vehicle Safety Standard 131, School Bus Pedestrian Safety Devices. This issue could prevent the stop arm from functioning, as designed or have intermittent functionality. This is due to incorrect pins being installed in an electrical connector by the supplier. The affected units have two male pins instead of the designed male/female pin configuration.

Identification of Any Warning that can Occur : There is no warning that would precede a failure, as the electrical connection may intermittently function.

## Involved Components :

Component Name 1 : HARNESS,WRG,BODY,A ZONE BBCV

Component Description : BBCV Zone A Body Wiring Harness

Component Part Number : 10074491

## Supplier Identification :

### Component Manufacturer

Name : St. Clair Technologies, Inc.

Address : 3990 E Riggs Road

Suite 2 Chandler Arizona 85249

Country : United States

## Chronology :

April 13, 2022: Blue Bird Field Service was contacted about an inoperative stop arm on unit F526263. Diagnostics found both connector halves for the stop arm air regulator were of the same gender and making incomplete electrical connections. Review of the other like units on their property revealed the same condition. Field Service reviewed units in Production and discovered the same condition.

April 15, 2022: A Stop Ship was approved and containment of RFD units on property began.

April 21, 2022: Blue Bird's harness supplier confirmed an April 15, 2022, harness production clean date, and daily reports are being generated for contained RFD units. The last unit(s) to escape with this condition left Fort Valley on April 12, 2022.

April 25, 2022: Blue Bird decided to issue a recall for this Noncompliance on April 25, 2022.

## Description of Remedy :

**Description of Remedy Program :** Units that have not left the property are being repaired by replacing the incorrect pins. For units in the field, a service pigtail which contains both connector halves with the correct pin gender will be provided. This pigtail is color coded and labeled for correct polarity installation. Blue Bird will reimburse the labor cost of the repair related to this recall at no cost to the Dealer or to the vehicle owner.

**How Remedy Component Differs from Recalled Component :** For units in the field, a service pigtail which contains both connector halves with the correct pin gender will be provided. This pigtail is color coded and labeled for correct polarity installation. For undelivered units, the incorrect pins were replaced.

**Identify How/When Recall Condition was Corrected in Production :** April 15, 2022: A Stop Ship was approved and containment of RFD units on property began. Production and undelivered units were repaired by replacing the incorrect pins.

## Recall Schedule :

**Description of Recall Schedule :** Dealer and Owner Notifications are to be issued on or before June 21, 2022.

Parts are required

**Planned Dealer Notification Date :** JUN 21, 2022 - JUN 21, 2022

**Planned Owner Notification Date :** JUN 21, 2022 - JUN 21, 2022

\* NR - Not Reported