

Part 573 Safety Recall Report

20V-259

Manufacturer Name : Blue Bird Body Company

Submission Date : MAY 18, 2020

NHTSA Recall No. : 20V-259

Manufacturer Recall No. : R20AP-NSB



Manufacturer Information :

Population :

Manufacturer Name : Blue Bird Body Company

Number of potentially involved : 24

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

Estimated percentage with defect : 70 %

Company phone : 478-822-2242

Vehicle Information :

Vehicle 1 : 2021-2021 Blue Bird All American

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : It has been determined that certain Blue Bird buses could fail to conform to the Federal Motor Vehicle Safety Standard No. 105 "Hydraulic and Electric Brake Systems" requirements for the parking brake system requirements. Subject buses may fail to meet the FMVSS 105 S5.2.3 requirements for holding the vehicle stationary for 5 minutes on a 20% grade when loaded to its maximum gross vehicle weight. The potentially suspect population includes buses equipped with hydraulic brakes with the Orscheln Foot Pedal Park Brake Assembly (Part Numbers 10064449 and 10064450). Blue Bird shall conduct a voluntary safety recall to correct any potential noncompliance. Blue Bird has evaluated the risk to motor vehicle safety related to this noncompliance and determined that there is a potential for injury to the occupant and bystanders in the event that the parking brake assembly was improperly assembled and thereby producing an insufficient application force at the park brake drum.

Production Dates : SEP 17, 2019 - SEP 18, 2019

VIN Range 1 : Begin : NR

End : NR

☐ Not sequential

Vehicle 2 : 2020-2021 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 buses could fail to conform to the Federal Motor Vehicle Safety Standard No. 105 "Hydraulic and Electric Brake Systems" requirements for the parking brake system requirements. Subject buses may fail to meet the FMVSS 105 S5.2.3 requirements for holding the vehicle stationary for 5 minutes on a 20% grade when loaded to its maximum gross vehicle weight. The potentially suspect population includes buses equipped with hydraulic brakes with the Orscheln Foot Pedal Park Brake Assembly (Part Numbers 10064449 and 10064450). Blue Bird shall conduct a voluntary safety recall to correct any potential noncompliance. Blue Bird has evaluated the risk to motor vehicle safety related to this noncompliance and determined that there is a potential for injury to the occupant and bystanders in the event that the parking brake assembly was improperly assembled and thereby producing an insufficient application force at the park brake drum.

Production Dates : MAY 01, 2019 - FEB 05, 2020

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Description of Noncompliance :

Description of the Noncompliance : It has been determined that certain Blue Bird buses could fail to conform to the Federal Motor Vehicle Safety Standard No. 105 "Hydraulic and Electric Brake Systems" requirements for the parking brake system requirements. Subject buses may fail to meet the FMVSS 105 S5.2.3 requirements for holding the vehicle stationary for 5 minutes on a 20% grade when loaded to its maximum gross vehicle weight. The potentially suspect population includes buses equipped with hydraulic brakes with the Orscheln Foot Pedal Park Brake Assembly (Part Numbers 10064449 and 10064450). Blue Bird shall conduct a voluntary safety recall to correct any potential noncompliance. Blue Bird has evaluated the risk to motor vehicle safety related to this noncompliance and determined that there is a potential for injury to the occupant and bystanders in the event that the parking brake assembly was improperly assembled and thereby producing an insufficient application force at the park brake drum.

FMVSS 1 : 105 - Hydraulic and electric brake systems

FMVSS 2 : NR

Description of the Safety Risk : There is an increase possibility of unintended movement when the vehicle is parked in the event that the parking brake system is set to an insufficient application force. Should the vehicle experience the unintended movement when the vehicle is parked then there is a potential for injury to the occupant and bystanders.

Description of the Cause : Blue Bird determined that it was discovered that the installation diagram adjustment procedure may not be sufficient for all T3FE bus configurations at

GVW when subjected to the 20% grade requirement. The adjustment procedure was reviewed and updated to ensure that all T3FE bus configurations would pass this requirement. A Blue Bird production deviation was issued on November 30, 2019 to correct the installation procedure on the production line for the T3FE. On February 10, 2020, an FMVSS 105 park brake test was performed on a BBCV unit. Testing revealed that the installation procedure for the BBCV needed to be updated in order to meet the FMVSS 105 requirements for the BBCV bus configurations. A deviation was issued on February 17, 2020 to correct the installation procedure on the production line for the BBCV. For these reasons, Blue Bird is conducting a voluntary safety recall to correct any potential FMVSS 105 noncompliance when loaded to the maximum gross vehicle weight on a 20% grade.

Identification of Any Warning that can Occur : There is no audible or visual warning, which would precede an event. The bus should be parked on a level surface and properly chock the wheels until the brake pedal setting has been inspected.

Involved Components :

Component Name 1 : PEDAL ASSY,FOOT,BRAKE, PARKING,INTERLOCK,HYD

Component Description : Park Brake Pedal used with hydraulic brakes and an Interlock Feature

Component Part Number : 10064449

Component Name 2 : PEDAL ASSY,FOOT,BRAKE, PARKING,HYD

Component Description : Standard Park Brake Pedal used with hydraulic brakes

Component Part Number : 10064450

Supplier Identification :**Component Manufacturer**

Name : NR

Address : NR

NR

Country : NR

Chronology :

Chronology on a separate document.

Description of Remedy :

Description of Remedy Program : Blue Bird will notify the affected dealers and owners and provide inspection instructions for the Orscheln Foot Pedal Park Brake Assembly (Part Numbers 10064449 & 10064450). In the event that the park brake assembly is installed incorrectly, the Blue Bird Dealer will adjust the brake assembly according to the provided instructions.

How Remedy Component Differs from Recalled Component : NR

Identify How/When Recall Condition was Corrected in Production : NR

Recall Schedule :

Description of Recall Schedule : Dealers will be notified via e-mail on or before July 3, 2020.
Owners will be notified via US miles on or before July 3, 2020.
No parts are required for this Recall Campaign.

Planned Dealer Notification Date : JUL 03, 2020 - JUL 03, 2020

Planned Owner Notification Date : JUL 03, 2020 - JUL 03, 2020

* NR - Not Reported