

Part 573 Safety Recall Report

19V-765

Manufacturer Name : Blue Bird Body Company**Submission Date :** MAY 04, 2020**NHTSA Recall No. :** 19V-765**Manufacturer Recall No. :** R19AJ-SB**Manufacturer Information :****Population :**

Manufacturer Name : Blue Bird Body Company

Number of potentially involved : 83

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 : 2018-2019 Blue Bird All American

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : HYBRID ELECTRIC

Descriptive Information : On certain 2018 and 2019 Blue Bird All American electric school buses sold with PowerDrive 7000 EV electric drivetrain units, the VCU may activate the anti-roll back feature during slow moving, stop-and-go conditions. If this occurs, the vehicle may experience a brief unexpected motion, possibly increasing the risk of a vehicle crash and/or injury to passengers or pedestrians.

Production Dates : AUG 01, 2019 - SEP 23, 2019

VIN Range 1 : Begin : NR End : NR

 Not sequential

Vehicle 2 : 2018-2019 Blue Bird Vision

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : HYBRID ELECTRIC

Descriptive Information : On certain 2018 and 2019 Blue Bird Vision electric school buses sold with PowerDrive 7000 EV electric drivetrain units, the VCU may activate the anti-roll back feature during slow moving, stop-and-go conditions. If this occurs, the vehicle may experience a brief unexpected motion, possibly increasing the risk of a vehicle crash and/or injury to passengers or pedestrians.

Production Dates : JAN 19, 2019 - SEP 09, 2019

VIN Range 1 : Begin : NR End : NR

 Not sequential

Description of Defect :

Description of the Defect : On certain 2018 and 2019 Blue Bird Vision and All American electric school buses sold with PowerDrive 7000 EV electric drivetrain units, the VCU may activate the anti-roll back feature during slow moving, stop-and-go conditions. If this occurs, the vehicle may experience a brief unexpected motion, possibly increasing the risk of a vehicle crash and/or injury to passengers or pedestrians.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : The vehicle may experience a brief unexpected motion, possibly increasing the risk of a vehicle crash and/or injury to passengers or pedestrians.

Description of the Cause : The cause of the issue is a software error.

Identification of Any Warning that can Occur : None

Involved Components :

Component Name 1 : NR

Component Description : NR

Component Part Number : NR

Supplier Identification :**Component Manufacturer**

Name : Cummin, Incorporated

Address : 500 Jackson Street
Columbus INDIANA 47202-3005

Country : United States

Chronology :

August 26, 2019 – Cummins received a report of two claims of unintended motion in a single Blue Bird school bus. August 26 – Sept. 26, 2019 - Cummins conducted an investigation into the reported issues. The investigation indicated that the anti-roll back feature in the VCU may unexpectedly command high motor torque under certain circumstances, resulting in unexpected vehicle motion. Cummins also completed a Product Safety Hazard Analysis during this time. October 10, 2019 – Based upon the results of the investigation

and evaluation of the issue, Cummins decided to conduct a safety recall to address this condition. To date, there have been no reports of accidents or injuries related to this condition, and no reports of this condition in any vehicles other than the Blue Bird school bus noted above.

Description of Remedy :

Description of Remedy Program : Cummins is currently working on a software update for the remedy. When that update is available it will be issued a new software revision number.

How Remedy Component Differs NR
from Recalled Component :

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

Recall Schedule :

Description of Recall Schedule : Dealer e-mails were issued October 30, 2019. Owners were notified via US mail on October 30, 2019. The recall was 100 percent complete as of March 31, 2020.

Planned Dealer Notification Date : NOV 21, 2019 - NOV 21, 2019

Planned Owner Notification Date : NOV 21, 2019 - NOV 21, 2019

* NR - Not Reported