Part 573 Safety Recall Report 21V-083

Manufacturer Name : Blue Bird Body Company
Submission Date : MAR 22, 2021
NHTSA Recall No. : 21V-083
Manufacturer Recall No. : R21BC-SB

Manufacturer Information :

Manufacturer Name : Blue Bird Body Company
Address : P.O. Box 937
402 Blue Bird Boulevard Fort Valley
GA 31030
Company phone : 478-822-2242

Population :

Number of potentially involved : 60
Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2021-2022 Blue Bird Vision
Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES
Body Style : OTHER
Power Train : DIESEL
Descriptive Information : It has been determined that certain Blue Bird buses with Hydraulic brakes and Electronic Stability Control (ESC) did not have the ECU programed to vehicle specific parameters. This can cause the ESC to not be able to function as designed and may not work in an optimized condition based on vehicle parameters. Blue Bird will conduct a recall to correct this issue. The affected buses will have the ECU modulator assembly part number identified and repaired accordingly. Blue Bird evaluated the risk to motor vehicle safety related to this issue and determined that, in the event of an accident, there is a potential for injury to the occupant if the ESC does not operate, as designed.
Production Dates : DEC 12, 2019 - NOV 11, 2020
VIN Range 1 : Begin : NR End : NR ☐ Not sequential

Vehicle 2 :	2022-2022 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 with Hydraulic brakes and Electronic Stability Control (ESC) did not have the ECU programed to vehicle specific parameters. This can cause the ESC to not be able to function as designed and may not work in an optimized condition based on vehicle parameters. Blue Bird will conduct a recall to correct this issue. The affected buses will have the ECU modulator assembly part number identified and repaired accordingly. Blue Bird evaluated the risk to motor vehicle safety related to this issue and determined that, in the event of an accident, there is a potential for injury to the occupant if the ESC does not operate, as designed.
Production Dates :	OCT 28, 2020 - NOV 04, 2020
VIN Range 1 : Begin :	NR End : NR ☐ Not sequential

Description of Defect :

Description of the Defect :	It has been determined that certain Blue Bird buses with Hydraulic brakes and Electronic Stability Control (ESC) did not have the ECU programed to vehicle specific parameters. This can cause the ESC to not be able to function as designed and may not work in an optimized condition based on vehicle parameters. Blue Bird will conduct a recall to correct this issue. The affected buses will have the ECU modulator assembly part number identified and repaired accordingly. Blue Bird evaluated the risk to motor vehicle safety related to this issue and determined that, in the event of an accident, there is a potential for injury to the occupant if the ESC does not operate, as designed.
FMVSS 1 :	NR
FMVSS 2 :	NR
Description of the Safety Risk :	This can cause the ESC to not be able to function as designed and may not work in an optimized condition based on vehicle parameters.
Description of the Cause :	It has been determined that certain Blue Bird buses with Hydraulic brakes and Electronic Stability Control (ESC) did not have the ECU programed to vehicle specific parameters. This can cause the ESC to not be able to function as designed and may not work in an optimized condition based on vehicle parameters. Blue Bird will conduct a recall to correct this issue. The affected buses will have the ECU modulator assembly part number identified and repaired accordingly. Blue Bird evaluated the risk to motor vehicle safety related to this issue and determined that, in the event of an accident, there is a potential for injury to the occupant if the ESC does not operate, as designed.
Identification of Any Warning that can Occur :	There is no audible warning. The ESC light may come on randomly.

Involved Components :

Component Name 1 :	HYDRAULIC BRAKE MODULATOR
Component Description :	BRAKE,HYDRAULIC,MODULATOR,ESC,TILTED
Component Part Number :	10064753

Supplier Identification :

Component Manufacturer

Name :	NR
Address :	NR
	NR
Country :	NR

Chronology :

On November 25, 2020, a service support ticket was entered by a Blue Bird Dealer stating the ESC light comes on while driving in a straight line, on dry pavement, randomly. Upon further investigation it was determined the Hydraulic Brake ECU was not programed to the vehicle specific parameters. This investigation resulted in Blue Bird determining 62 units were delivered in the U.S. that were not programed during assembly during a certain time period. Blue Bird has decided to issue a recall on February 11, 2021, to inspect all buses delivered prior to July 3, 2020, to have the ECU modulator assembly part number identified and repaired.

Description of Remedy :

Description of Remedy Program :	Blue Bird will notify the affected dealers and owners and provide inspection instructions to have the ECU modulator assembly part number identified and repaired accordingly.
How Remedy Component Differs from Recalled Component :	NR
Identify How/When Recall Condition was Corrected in Production :	Quality inspected to verify the correct Modulator assembly part number is installed on the bus. A verification file comparison was completed with the order entry for the buses. This confirmed which units were not programmed. A new software program was implemented that will keep buses from achieving ready for delivery status unless the correct file is present.

Recall Schedule :

Description of Recall Schedule :	Dealer and Owner Notifications are to be issued on or before April 14, 2021. Parts are anticipated to be available at time of notification.
Planned Dealer Notification Date :	APR 14, 2021 - APR 14, 2021
Planned Owner Notification Date :	APR 14, 2021 - APR 14, 2021

* NR - Not Reported