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Part 573 Safety Recall Report

Manufacturer Name :Blue Bird Body CompanySubmission Date :MAY 11, 2021NHTSA Recall No. :21V-083Manufacturer 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

Vehicle Information :

| Vehicle 1: | 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 | |

The information contained in this report was submitted pursuant to 49 CFR §573



Number of potentially involved :

Estimated percentage with defect : 100 %

Population :

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| Vehicle 2 · | 2021-2022 Blue Bird Vi | ision | |
|---|---|---|---|
| | /ehicle Type : BUSES, MEDIUM & HEAVY VEHICLES | | |
| Body Style : | | | |
| Power Train : | | | |
| Descriptive Information : | Electronic Stability Con parameters. This can ca work in an optimized co recall to correct this iss part number identified motor vehicle safety rel | that certain Blue Bird buses wi trol (ESC) did not have the ECU use the ESC to not be able to fu ondition based on vehicle parar ue. The affected buses will have and repaired accordingly. Blue lated to this issue and determinential for injury to the occupant | I programed to vehicle specific inction as designed and may no neters. Blue Bird will conduct the ECU modulator assembly Bird evaluated the risk to ned that, in the event of an |
| Production Dates : | DEC 12, 2019 - NOV 11, | 2020 | |
| VIN Range 1:1 | | End: NR | Not sequential |
| Description of the Defe | Electronic Stability (specific parameters, designed and may n | ned that certain Blue Bird buses Control (ESC) did not have the B This can cause the ESC to not I ot work in an optimized condit | ECU programed to vehicle be able to function as ion based on vehicle |
| - | Electronic Stability (specific parameters, designed and may n parameters. Blue Bit buses will have the b repaired accordingly related to this issue potential for injury t | Control (ESC) did not have the This can cause the ESC to not l | ECU programed to vehicle be able to function as ion based on vehicle ect this issue. The affected number identified and to motor vehicle safety ent of an accident, there is a |
| Description of the Defe FMVSS FMVSS | Electronic Stability (specific parameters, designed and may n parameters. Blue Bit buses will have the repaired accordingly related to this issue potential for injury (1 : NR | Control (ESC) did not have the E This can cause the ESC to not I ot work in an optimized condit rd will conduct a recall to corre ECU modulator assembly part r y. Blue Bird evaluated the risk t and determined that, in the eve | ECU programed to vehicle be able to function as ion based on vehicle ect this issue. The affected number identified and to motor vehicle safety ent of an accident, there is a |
| - FMVSS FMVSS | Electronic Stability (specific parameters. designed and may n parameters. Blue Bit buses will have the B repaired accordingly related to this issue potential for injury f 1 : NR 2 : NR k : This can cause the E | Control (ESC) did not have the E This can cause the ESC to not I ot work in an optimized condit rd will conduct a recall to corre ECU modulator assembly part r y. Blue Bird evaluated the risk t and determined that, in the eve | ECU programed to vehicle be able to function as ion based on vehicle act this issue. The affected number identified and to motor vehicle safety ent of an accident, there is a not operate, as designed. designed and may not |
| - FMVSS FMVSS | Electronic Stability (specific parameters. designed and may n parameters. Blue Bit buses will have the B repaired accordingly related to this issue potential for injury (1 : NR 2 : NR k : This can cause the E work in an optimize e : It has been determin Electronic Stability (specific parameters. designed and may n parameters. Blue Bit buses will have the B repaired accordingly related to this issue | Control (ESC) did not have the E This can cause the ESC to not h ot work in an optimized condit rd will conduct a recall to corre ECU modulator assembly part r y. Blue Bird evaluated the risk t and determined that, in the even to the occupant if the ESC does | ECU programed to vehicle be able to function as ion based on vehicle act this issue. The affected number identified and to motor vehicle safety ent of an accident, there is a not operate, as designed. designed and may not arameters. s with Hydraulic brakes and ECU programed to vehicle be able to function as ion based on vehicle to this issue. The affected number identified and to motor vehicle safety ent of an accident, there is a |

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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 . | |
| Description of Remedy Program : | Blue Bird will notify the affected dealers and owners to replace the ECU modulator assembly with a pre-programmed, VIN/Body Number specific replacement part. The replacement module will be provided for each unit with a body number identifier on the box and on the module assembly, per recall instructions. |
| How Remedy Component Differs from Recalled Component : | NR |
| | 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. |
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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

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