

Part 573 Safety Recall Report

21V-696

Manufacturer Name : Blue Bird Body Company

Submission Date : SEP 08, 2021

NHTSA Recall No. : 21V-696

Manufacturer Recall No. : R21BL - 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 : 134

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2022-2022 Blue Bird Vision

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : CNG/LPG

Descriptive Information : It has been determined that Blue Bird BBCV buses equipped with cross-view mirrors and a Mobileye collision mitigation system may fail to conform to the Federal Motor Vehicle Safety Standard No. 111 "School Bus Rearview Mirrors" requirements for mirror visibility. This is due to the current placement of the Mobileye camera. At certain perspectives, the Mobileye camera could partially or fully block the driver's view of the passenger side cross-view mirror. This specifically affects the viewing perspective, as called out in the FMVSS 111 test procedure corresponding to a driver height representing the "25th percentile adult female".

Production Dates : MAR 16, 2021 - AUG 20, 2021

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : It has been determined that Blue Bird BBCV buses equipped with cross-view mirrors and a Mobileye collision mitigation system may fail to conform to the Federal Motor Vehicle Safety Standard No. 111 "School Bus Rearview Mirrors" requirements for mirror visibility. This is due to the current placement of the Mobileye camera. At certain perspectives, the Mobileye camera could partially or fully block the driver's view of the passenger side cross-view mirror. This specifically affects the viewing perspective, as called out in the FMVSS 111 test procedure corresponding to a driver height representing the "25th percentile adult female".

FMVSS 1 : 111 - Rear visibility

FMVSS 2 : NR

Description of the Safety Risk : Blue Bird evaluated the risk to motor vehicle safety related to this noncompliance and determined that, in certain perspectives, the Mobileye camera can partially or fully block the driver's view of the passenger side cross-view mirror. There is a potential for injury to a pedestrian if the view is blocked.

Description of the Cause : It has been determined that Blue Bird BBCV buses equipped with cross-view mirrors and a Mobileye collision mitigation system may fail to conform to the Federal Motor Vehicle Safety Standard No. 111 "School Bus Rearview Mirrors" requirements for mirror visibility. This is due to the current placement of the Mobileye camera. At certain perspectives, the Mobileye camera could partially or fully block the driver's view of the passenger side cross-view mirror. This specifically affects the viewing perspective, as called out in the FMVSS 111 test procedure corresponding to a driver height representing the "25th percentile adult female".

Identification of Any Warning that can Occur : There is no audible or visual warning, which would precede an event.

Involved Components :

Component Name 1 : Mobileye Camera

Component Description : CAMERA,SAFETY,250K MOBILEYE COLLISION SYSTEM, BBCV

Component Part Number : 10070252

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

Dealer complaints were received at the end of June, 2021, regarding placement of the Mobileye camera on BBCV's. After review, it was discovered that at certain perspectives of the 25th percentile adult female position, the Mobileye camera could partially or fully block the driver's view of the passenger side cross-view mirror. Blue Bird initiated a stop delivery for nine completed buses on property that had the Mobileye option. All buses

in process will also be included in the stop delivery. Blue Bird decided to issue a recall on September 7, 2021.

Description of Remedy :

Description of Remedy Program : Once the issue was identified, Blue Bird removed the availability of the Mobileye option until a new camera location is determined. All buses ready for delivery were placed on stop delivery. An updated location for the camera is in process. Once this location is determined and updated software is available, all affected buses will be remedied.

How Remedy Component Differs from Recalled Component : Once determined, the camera location will not obstruct any driver views for all percentile seat positions per FMVSS 111 test standards.

Identify How/When Recall Condition was Corrected in Production : Once the issue was identified, Blue Bird removed the availability of the Mobileye option until a new camera location is determined. All buses ready for delivery were placed on stop delivery.

Recall Schedule :

Description of Recall Schedule : Dealer and Owner notifications are scheduled to be mailed on or about November 3, 2021. Parts availability is undetermined at this time.

Planned Dealer Notification Date : NOV 03, 2021 - NOV 03, 2021

Planned Owner Notification Date : NOV 03, 2021 - NOV 03, 2021

* NR - Not Reported