

Part 573 Safety Recall Report

21V-284

Manufacturer Name : Blue Bird Body Company**Submission Date :** APR 22, 2021**NHTSA Recall No. :** 21V-284**Manufacturer Recall No. :** R21BE-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 : 1,634

Estimated percentage with defect : 45 %

Vehicle Information :

Vehicle 1 : 2020-2022 Blue Bird Vision

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : All SC-3 Check Valves manufactured between July 27, 2020, and September 9, 2020 are subject to this recall. The recalled SC-3 single check valves may not have the retainer fully seated in the retainer groove. The SC-3 check valves that are not subject to this recall have the retainer fully seated in the retainer groove.

Production Dates : AUG 07, 2020 - JAN 25, 2021

VIN Range 1 : Begin : NR End : NR

 Not sequential

Vehicle 2 : 2020-2022 Blue Bird All American

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : All SC-3 Check Valves manufactured between July 27, 2020, and September 9, 2020 are subject to this recall. The recalled SC-3 single check valves may not have the retainer fully seated in the retainer groove. The SC-3 check valves that are not subject to this recall have the retainer fully seated in the retainer groove.

Production Dates : AUG 11, 2020 - JAN 28, 2021

VIN Range 1 : Begin : NR End : NR

 Not sequential**Description of Noncompliance :**

Description of the Noncompliance : A retainer was not properly seated during assembly of the SC-3 Single Check valve, such that when air pressure is applied, it may no longer provide source air isolation, as defined and required by FMVSS 121.

FMVSS 1 : 121 - Air brake systems

FMVSS 2 : NR

Description of the Safety Risk : A spring brake application that is uncommanded by the driver may result. The degree of the spring brake application being vehicle schematic and secondary reservoir failure dependent.

Description of the Cause : A setup-up error at the supplier caused the retainer to not be pressed to the correct depth in the part.

Identification of Any Warning that can Occur : Such an occurrence may become known to a vehicle operator upon a secondary reservoir circuit failure. The secondary circuit failure may trigger a low pressure warning in the vehicle.

Involved Components :

Component Name 1 : VALVE,SINGLE,CHECK,90,O-RING,,5 PTC IN,,5 FPT OUT

Component Description : VALVE,SINGLE,CHECK,90,O-RING,,5 PTC IN,,5 FPT OUT

Component Part Number : 10034984

Supplier Identification :

Component Manufacturer

Name : Bendix Commercial Vehicle Systems, LLC.

Address : 901 Cleveland Street
Elyria Ohio 44035

Country : United States

Chronology :

Friday, April 16, 2021, Blue Bird received notification via e-mail that Bendix issued a Safety Recall on the Bendix SC-3 Single Check Valve.

Description of Remedy :

Description of Remedy Program : To inspect per the instructions and replace, if defective.

How Remedy Component Differs : Only SC-3 Single Check Valves manufactured between July 27, 2020 and

from Recalled Component : September 29, 2020 may contain the defect. The Bendix SC-3 Single Check Valves were received at Blue Bird in August, 2020.

Identify How/When Recall Condition was Corrected in Production : Bendix, the supplier, has added software validation of the assembly setup process and in-process control of the press operation to validate that the check valve retainer is fully seated and will not separate.

Recall Schedule :

Description of Recall Schedule : Dealer and Owner Notifications are to be issued on or before June 18, 2021.

Parts are currently available.

Planned Dealer Notification Date : JUN 18, 2021 - JUN 18, 2021

Planned Owner Notification Date : JUN 18, 2021 - JUN 18, 2021

* NR - Not Reported