

# Part 573 Safety Recall Report

# 18V-892

**Manufacturer Name :** Blue Bird Body Company**Submission Date :** DEC 17, 2018**NHTSA Recall No. :** 18V-892**Manufacturer Recall No. :** R19ZW-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 : 28

Estimated percentage with defect : 100 %

**Vehicle Information :**

Vehicle 1 : 2017-2019 Blue Bird Vision

Vehicle Type : BUSES, MEDIUM &amp; HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

**Descriptive Information :** Certain Blue Bird Vision buses equipped with the Cummins ISV5.0 engines with option CP80009 may experience air compressor belt slippage as a result of insufficient belt wrap around the air compressor pulley. Due to increased service claims for option CP80009, Cummins initiated a Product Safety Hazard Analysis for this option. This Cummins initiated recall campaign is based on the results of that analysis. Cummins determined that belt slippage could result in decreased air compressor output as the belt ages. If the condition progresses, and if audible and visible warnings are ignored, the vehicle could experience deterioration in air brake performance. The Blue Bird Vision air brake system is a fail-safe system. In the event the air compressor is completely inoperable, the storage tanks include in the air brake system have sufficient capacity to allow the driver to perform multiple full stop maneuvers before the brakes are automatically applied.

Production Dates : MAY 02, 2016 - NOV 30, 2017

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

**Description of Defect :**

Description of the Defect : Certain Blue Bird Vision buses equipped with the Cummins ISV5.0 engines with option CP80009 may experience air compressor belt slippage as a result of insufficient belt wrap around the air compressor pulley. Due to increased service claims for option CP80009, Cummins initiated a Product Safety Hazard Analysis for this option. This Cummins initiated recall campaign is based on the results of that analysis. Cummins determined that belt slippage could result in decreased air compressor output as the belt ages. If the condition progresses, and if audible and visible warnings are ignored, the vehicle could experience deterioration in air brake performance. The Blue Bird Vision air brake system is a fail-safe system. In the event the air compressor is completely inoperable, the storage tanks include in the air brake system have sufficient capacity to allow the driver to perform multiple full stop maneuvers before the brakes are automatically applied.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the air compressor performance degrades, and if audible and visible warnings are ignored, the vehicle could experience deterioration in air brake performance. The Blue Bird Vision air brake system is a fail-safe system. In the event the air compressor is completely inoperable, the storage tanks include in the air brake system have sufficient capacity to allow the driver to perform multiple full stop maneuvers before the brakes are automatically applied.

Description of the Cause : Certain Blue Bird Vision buses equipped with the Cummins ISV5.0 engines with option CP80009 may experience air compressor belt slippage as a result of insufficient belt wrap around the air compressor pulley.

Identification of Any Warning that can Occur : The driver will experience increased brake pedal travel as the condition progresses. Below approximately 65 psi, dashboard lamps will illuminate, and an audible alarm will sound indicating low air pressure in the air brake system. Vehicle drivers and service technicians may also hear squeal when the belt slips.

**Supplier Identification :****Component Manufacturer**

Name : Cummins, Incorporated

Address : 500 Jackson Street  
Columbus INDIANA 47202-3005

Country : United States

**Chronology :**

October 25, 2018 – Cummins Customer Engineering was informed of a belt failure affecting air compressor operation on an engine installed in a Blue Bird vehicle.

October 31, 2018 to November 15, 2018 – Cummins conducted an investigation and a Product Safety Hazard Analysis to understand the cause of the failures and the extent of the issue, and to evaluate the potential safety consequences.

November 16, 2018 – Cummins authorized Cummins Service locations to install a new belt at each oil change interval for Blue Bird engines (Option CP80009) as an interim measure.

November 28, 2018 – Based upon information developed during its investigation, Cummins decided to conduct a safety recall to address this issue.

December 12, 2018 – Cummins provided initial notification to Blue Bird of their recall campaign submission.

**Description of Remedy :**

Description of Remedy Program : Cummins is currently finalizing its remedy program. Cummins will submit a recall specific reimbursement plan once the interim resolution plan is finalized with Blue Bird.

How Remedy Component Differs from Recalled Component : NR

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

**Recall Schedule :**

Description of Recall Schedule : Parts shipment to be determined.

Planned Dealer Notification Date : FEB 01, 2019 - FEB 01, 2019

Planned Owner Notification Date : FEB 01, 2019 - FEB 01, 2019

\* NR - Not Reported