



S21AZ

June 10, 2021

To: Affected Blue Bird Dealers

Subject: S21AZ, Ford 6.8L Air Compressor Belt

Models Affected: Model Year: Certain 2013 through 2022
Model: Vision School Bus and Non-School Bus

Bulletin Duration: One (1) Year from Date of Issue

Overview:

Certain 2013 through 2022 model year Blue Bird Vision School and Non-School Bus units has experienced signs of single strand failing, leading to multiple strands, and eventually belt failure. The belt composition is not ideal for the life cycle of the bus.

This Service Bulletin will provide owners with a one-time new replacement belt with the more durable material that is currently being used in production and for service. This Service Bulletin is for part cost coverage only. No labor reimbursement will be provided.

Affected Units:

Blue Bird Body Company is voluntarily issuing a service bulletin for the following:

- Certain model year 2013 through 2022 Blue Bird Vision School Buses
 - manufactured from January 10, 2012 through February 26, 2021
- Certain model year 2013 through 2022 Blue Bird Vision Non-School Buses
 - manufactured from November 20, 2012 through November 19, 2020

A separate printout will be provided listing all buses in your territory that are affected by this service bulletin. Be sure to review your list and advise of any incorrect owner names and/or addresses. Parts should be ordered through **Blue Bird Service Parts**.

Repair Parts:

The Parts List outlined in the S21AZ Instructions details the part required to perform Service Bulletin S19AZ and should be ordered through **Blue Bird Service Parts**. The belt is based on the engine generation. Parts are currently available.

Time Allowance:

No labor will be provided to replace the belt with a more durable material belt, per the published Service Bulletin instructions.

BLUE BIRD BODY COMPANY

P.O. Box 937 – 402 Blue Bird Blvd – Fort Valley, Georgia – (478) 825-2021

Bulletin Duration:

This Service Bulletin ends one (1) year from date of issue.

Questions:

Questions regarding this bulletin should be directed to your Blue Bird Field Service Engineer.

Regards,

Lisa Hancock

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Service Bulletin

S21AZ Ford 6.8L Air Compressor Belt

Models Affected: Certain Blue Bird 2013-2022 Model Year 6.8L Ford Powered Vision Buses

Issue: Certain Units Have Experienced Premature Life of the 3rd Sheave Air Compressor Belt

Corrective Action: Replace Belt with Improved Design

Parts Needed: (Based on engine generation)

Part Number	Description	Quantity
10073619	BELT, DRIVE, FORD 6.8L, AIR COMPRESSOR, GEN 3, CV	1
10072825	BELT, DRIVE, FORD 6.8L, AIR COMPRESSOR, GEN 4, CV	1

WARNING: Always follow all Federal, State, Local and Shop safety standards and use proper safety equipment, and thoroughly read and understand all instructions before performing these procedures.
Park bus on level surface, apply parking brake, turn off ignition key, and chock wheels.

NOTE: Photo below is Gen 4, which is identified by the solid compressor pulley. Gen 3 will have a spoked pulley. Failure to install the correct belt will result in pre-mature failure.

Tools Needed:

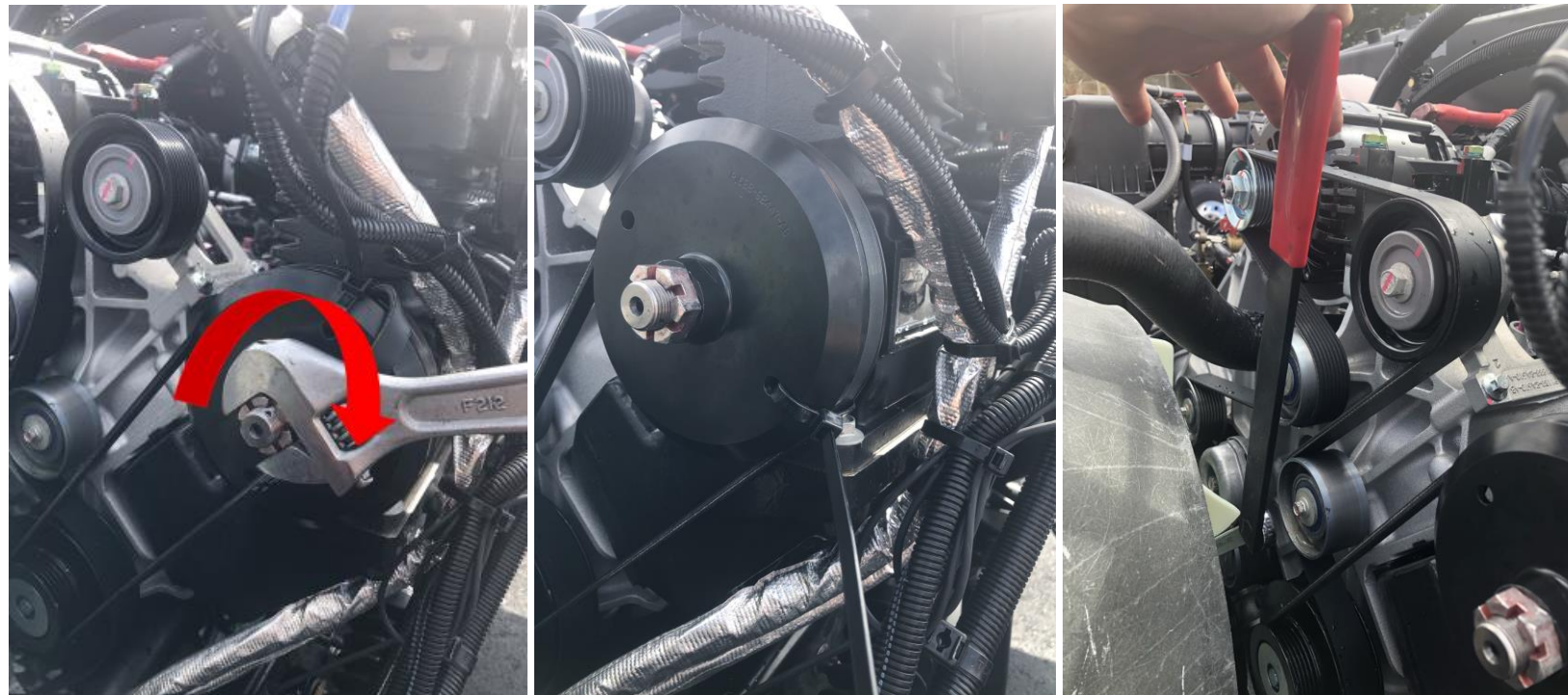
- Ribbed or serpentine belt tool with 3/8” square drive adapter
- Side cutters
- HD ty-wrap
- 12’ crescent wrench



1. Relieve 2nd sheave belt tension by rotating tensioner clockwise by engaging a ribbed belt tool with a 3/8” square drive adapter, then remove 3rd sheave belt.



2. Rotate the compressor pulley to where one of the two holes arrives at the 11:00 position. Loop compressor belt over the 2nd to 3rd sheave adapter and place compressor belt over the top of the air compressor pulley.
3. Ty-wrap into place.



4. Rotate compressor pulley clockwise to seat belt and cut and remove ty-wrap.
5. Re-install 2nd sheave belt.
6. Start engine and verify proper operation.

