

# Part 573 Safety Recall Report

## 22E-030

**Manufacturer Name :** Prevost Car (US) Inc.**Submission Date :** FEB 13, 2023**NHTSA Recall No. :** 22E-030**Manufacturer Recall No. :** SR22-05**Manufacturer Information :****Manufacturer Name :** Prevost Car (US) Inc.**Address :** 201 South Avenue  
South Plains NJ 07080**Company phone :** 908-222-7211**Population :****Number of potentially involved :** 27,652**Estimated percentage with defect :** 100 %**Equipment Information :****Brand / Trade 1 :** Prevost Car (US) inc.**Model :** Non applicable**Part No. :** See Involved comp.**Size :** Multiple sizes**Function :** Alternator belt**Descriptive Information :** All belts corresponding to part numbers indicated are considered not to be adequate for the service to which they are been currently used.**Production Dates :** JAN 01, 2015 - APR 05, 2022**Description of Defect :****Description of the Defect :** A small percentage of Prevost units have experienced thermal events due to the rigidity of alternator belts in the event of failure on the alternator front bearing.**FMVSS 1 :** NR**FMVSS 2 :** NR**Description of the Safety Risk :** In some cases, when alternator's front bearing fails, it could overheats causing a local thermal event.**Description of the Cause :** With this type of belts, in event of front bearing seize, belt may continue to drive the alternator causing abnormal friction for a longer period of time than the old belts.**Identification of Any Warning that can Occur :** Noise coming from alternator front bearing and, maybe, alternator not charging telltale.**Involved Components :**

Component Name : BELT, POLY V 8PK1575

Component Description : Black, rubber belt

Component Part Number : 506080

Component Name : BELT, POLY V 8PK1575

Component Description : Black, rubber belt

Component Part Number : 506020

Component Name : BELT, POLY V 8PK1524

Component Description : Black, rubber belt

Component Part Number : 506114

Component Name : BELT, POLY V 8PK1587

Component Description : Black, rubber belt

Component Part Number : 506134

Component Name : BELT, POLY V 8PK1587

Component Description : Black, rubber belt

Component Part Number : 506070

Component Name : BELT, POLY V 8PK1512

Component Description : Black, rubber belt

Component Part Number : 506167

Component Name : BELT, POLY V 10PK1695

Component Description : Black, rubber belt

Component Part Number : 506026

Component Name : BELT POLY V 10PK1695

Component Description : Black, rubber belt

Component Part Number : 506034

Component Name : BELT POLY V 8PK1435

Component Description : Black, rubber belt

Component Part Number : 506065

Component Name : BELT, POLY V 8PK1435 SEVERE DUTY

Component Description : Black, rubber belt

Component Part Number : 506083

Component Name : BELT, POLY V 8PK1600

Component Description : Black, rubber belt

Component Part Number : 506188

Component Name : BELT, POLY V 10PK1892

Component Description : Black, rubber belt

Component Part Number : 506015

Component Name : BELT, POLY V 10PK1705

Component Description : Black, rubber belt

Component Part Number : 506077

Component Name : BELT, POLY V 8PK1840

Component Description : Black, rubber belt

Component Part Number : 5060140

Component Name : Belt

Component Description : Black, rubber belt

Component Part Number : 23577315

Component Name : BELT, POLY V 10PK1708 SEVERE DUTY

Component Description : Black, rubber belt

Component Part Number : 506084

Component Name : BELT, POLY V 10PK1708 SEVERE DUTY

Component Description : Black, rubber belt

Component Part Number : 506084

### Supplier Identification :

#### Component Manufacturer

Name : Prevost Car (US) inc.

Address : 7900 National Service Rd.  
Greensboro North Carolina 27409

Country : United States

### Chronology :

- From 2016 to 2019 ten cases were reported through field reports for thermal events related to failure on alternator front bearings .
- 2021-04-23 First analysis on alternator front bearing failure. No evidence was found to consider this failure as a safety related issue.
- 2022-03-15 Internal inquiry was started to analyse root cause for thermal events on alternator front bearing. A link between the introduction of new belts and an increase of thermal events related to alternator' front bearing failure was identified. The case will be presented to Volvo Product Safety Committee (PSC)
- 2022-03-30 Case presented to PSC. PSC decided there is a safety related defect and a recall is required
- 2022-03-31 Preliminary discussion with NHTSA to expose the findings
- 2022-04-06 Prevost submitted the vehicle defect report to NHTSA

## Description of Remedy :

Description of Remedy Program : Prevost will change the defective belt for polyester belts. A safety recall will be launched to inform customers about the defect and letters will be sent to advise how to proceed to correct. Prevost will replace the defective belts free of charge (Parts and labor) for the customers. A maintenance information will be provided to customers to inspect alternators.

In case a customer has already replaced the defective belt before the safety recall has been launched, this customer will be reimbursed according to Prevost reimbursement plan.

How Remedy Component Differs from Recalled Component : New belts with new part numbers will be installed on all vehicles affected. This new belts will be in polyester.

Identify How/When Recall Condition was Corrected in Production : Prevost is currently on delivery stop, until parts become available.

## Recall Schedule :

Description of Recall Schedule : Note Prevost does not have a dealer network and the dates entered for the planned dealer notification begin/end date are only to avoid NHTSA Recall Portal error while submitting the recall report.

Planned Dealer Notification Date : SEP 26, 2022 - SEP 26, 2022

Planned Owner Notification Date : SEP 26, 2022 - SEP 26, 2022

## Purchaser Information :

The following manufacturers purchased this defective/noncompliant equipment for possible use or installation in new motor vehicles or new items of motor vehicle equipment:

Name : NR

Address : NR

NR

Country : NR

Company Phone : NR

\* NR - Not Reported