

Part 573 Safety Recall Report

25V-184

Manufacturer Name : Nova Bus (US) Inc.**Submission Date :** MAR 25, 2025**NHTSA Recall No. :** 25V-184**Manufacturer Recall No. :** CR5687**Manufacturer Information :**

Manufacturer Name : Nova Bus (US) Inc.

Address : 260 Banker Road
PLATTSBURGH NY 12901

Company phone : 450-472-6410

Population :

Number of potentially involved : 4

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2022-2023 Nova Bus LFS

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : HYBRID ELECTRIC

Descriptive Information : The recall population is defined by vehicles built from 01/03/2023 through 05/03/2023 assembled with BorgWarner Gen3 HV Batteries Nova Bus PN 24234513.

Production Dates : JAN 03, 2023 - MAY 03, 2023

VIN Range 1 : Begin : 4RKYL82M5N9778606 End : 4RKYL82M6P9778875 ☒ Not sequential**Description of Defect :**

Description of the Defect : Vehicles may have been built with BorgWarner Akasol Gen 3 batteries which BorgWarner has identified as suspect based upon manufacturing process parameters relative to torque and rework in their factory.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Suspect batteries could have incorrectly torqued hardware that may become loose and fall inside the battery pack. This loose hardware could create short circuits inside the battery cells. A short circuit inside the battery cells may lead to a thermal event and a fire.

Description of the Cause : Inadequate manufacturing process controls at BorgWarner Akasol.

Identification of Any Warning that can Occur : There is no warning prior to occurrence.

Involved Components :

Component Name 1 : ESS SYST BATTERY

Component Description : Akasol Gen3 Battery

Component Part Number : 24234513

Supplier Identification :

Component Manufacturer

Name : BorgWarner

Address : 3800 Automation Ave
Auburn Hills Michigan 48326

Country : United States

Chronology :

See attached document titled "2022-2023 MY - High Voltage Battery may short circuit Chronology"

Description of Remedy :

Description of Remedy Program : Remedy program will be to replace the suspect batteries. All costs associated with this corrective measure will be covered by Nova Bus. Pre-notification remedies will be addressed using the Nova Bus general reimbursement plan on file with NHTSA.

How Remedy Component Differs from Recalled Component : The batteries will be replaced with batteries produced by BorgWarner where this manufacturing issue does not exist.
Part Number 24234513 BorgWarner Gen3 Battery Pack.

Identify How/When Recall Condition was Corrected in Production : A Delivery Stop was launched in February 04, 2025. The vehicles delivered will have certified good battery packs.

Recall Schedule :

Description of Recall Schedule : Note: Nova Bus 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.

Owner notification will begin on or before May 27, 2025

Planned Dealer Notification Date : MAR 28, 2025 - MAR 28, 2025

Planned Owner Notification Date : MAY 27, 2025 - MAY 27, 2025

* NR - Not Reported