

Part 573 Safety Recall Report

24V-174

Manufacturer Name : Nova Bus (US) Inc.

Submission Date : MAR 04, 2024

NHTSA Recall No. : 24V-174

Manufacturer Recall No. : CR5566



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 : 36

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 : DIESEL

Descriptive Information : The recall population was determined by those vehicles that were built with the wrong parameter configuration for the option 416142.14 KBI KPOWER SCAP ALT EMP PC MT. There are 36 Nova LFS Model Year 2022, 2023 impacted vehicles.

Production Dates : NOV 23, 2022 - JUL 20, 2023

VIN Range 1 : Begin : 4RKYL82J9N9778632 **End :** 4RKYL82J2P9778846 Not sequential

Description of Defect :

Description of the Defect : The subject vehicles may have been built with missing electrical components that may result in the Battery Disconnect Switch failing to disconnect the battery when turned to the off position.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : With the Battery Disconnect Switch in the OFF position the engine may be started, increasing the risk of injury to anyone nearby the engine compartment during maintenance operations.

Description of the Cause : Incorrect parameters were selected during the bus configuration phase of the Order to Delivery process.

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

Involved Components :

Component Name 1 : Battery Disconnect Switch Option

Component Description : KBI KPOWER SCAP ALT EMP PC MT

Component Part Number : 416142.14

Supplier Identification :

Component Manufacturer

Name : Nova Bus

Address : 1000 boulevard Industriel
Saint Eustache Foreign States J7R 5A5

Country : Canada

Chronology :

June 06, 2023 Nova Bus is informed that the Battery Disconnect Switch is not working as expected.

July 24, 2023 An Internal Campaign was launched to inspect and correct all vehicles in production before being delivered.

February 08, 2024 Product Safety is informed of the issue and it is raised for evaluation as a potential safety risk.

February 15, 2024 A formal potential safety related issue investigation is opened.

February 28, 2024 Results of the investigation are presented to the Product Safety Committee which determines that a product safety defect exists.

March 4, 2024 DIR Filed with NHTSA.

There have been no accidents or injuries related to this issue, there have been no warranty claims, field reports or customer complaints associated with this issue.

Description of Remedy :

Description of Remedy Program : Vehicles will be recalled and the additional wiring and relay will be installed such that the Battery Disconnect Switch will operate as intended. Reimbursement for the recall will be covered by the Manufacturer's Reimbursement Plan on file with NHTSA.

How Remedy Component Differs from Recalled Component : The Battery Disconnect Switch will have the required electrical connections to function properly. 416142.14 KBI KPOWER SCAP ALT EMP PC MT Option.

Identify How/When Recall Condition was Corrected in Production : An internal campaign was launched to correct vehicles in production July 24, 2023.

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 03, 2024

Planned Dealer Notification Date : MAR 07, 2024 - MAR 07, 2024

Planned Owner Notification Date : MAY 03, 2024 - MAY 03, 2024

* NR - Not Reported