

# Part 573 Safety Recall Report

# 18V-829

**Manufacturer Name :** Nova Bus

**Submission Date :** NOV 04, 2019

**NHTSA Recall No. :** 18V-829

**Manufacturer Recall No. :** CR4422



## Manufacturer Information :

## Population :

Manufacturer Name : Nova Bus

Number of potentially involved : 337

Address : 1000 Industriel Blvd  
Saint-Eustache Quebec, Canada 00 JR7  
5A5

Estimated percentage with defect : 100 %

Company phone : 450-472-6410

## Vehicle Information :

Vehicle 1 : 2013-2018 Nova Bus LFS Artic

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Selection of vehicles was based on the particular configuration of vehicles equipped with a Hubner turntable and Cummins engine.

Production Dates : AUG 21, 2013 - JUN 03, 2018

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

## Description of Defect :

Description of the Defect : An engine fault code may cause the articulating turntable dampener's control unit to perceive the vehicle as operating at zero velocity. At zero velocity, there is no dampening in the articulation, regardless of the actual vehicle speed. At higher vehicle speeds, a dampening force is required to help maintain vehicle stability.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : A lack of dampening would lower the vehicle stability, presenting an increased risk of a crash or personal injury.

There have been no reported crashes or injuries; therefore Nova Bus considers this as a proactive measure to protect the public and our customers from the potential risk associated with this defect.

Description of the Cause : An engine fault code may cause the articulating turntable dampener's control unit to perceive the vehicle as operating at zero velocity.

Identification of Any Warning N/A  
that can Occur :

## Supplier Identification :

### Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

## Chronology :

07/18/18 Nova Bus Regulatory Affairs department receives a field report regarding a vehicle that had a stability issue at highway speeds. Investigation opened.

09/12/18 Nova Bus shares initial findings with Volvo Group North America's Regulatory Affairs department. Additional information requested.

10/10/18 Volvo Group North America's Regulatory Affairs department reviews additional information and determines issue should be raised to the Product Safety Committee.

10/23/18 Product Safety Committee determines that a Safety-related defect exists.

10/29/18 Safety-related defect report submitted to the National Highway Traffic Safety Administration.

11/26/18 Follow-up revealed that defect report submitted on 10/29/18 was not accepted by NHTSA Portal.573 re-submitted.

## Description of Remedy :

Description of Remedy Program : Nova Bus will contact the owners of the affected vehicles. The vehicles will have the Hubner ACU software updated to correct the issue by alerting the driver and putting the vehicle into emergency mode if the vehicle speed cannot be interpreted.

How Remedy Component Differs from Recalled Component : The remedy is a software update. Vehicles will inform the driver if an issue with the articulation unit is present.

Identify How/When Recall Condition was Corrected in Production : A software fix was made available in August, 2018, but at the time, no vehicles in production had the particular configuration.

**Recall Schedule :**

Description of Recall Schedule : Owner notification will occur on or before December 21st, 2018. An advanced copy of the owner notification letter will be submitted for review and approval prior to release.

As Nova Bus does not have dealers, no dealer notifications will be sent.

Planned Dealer Notification Date : DEC 21, 2018 - DEC 21, 2018

Planned Owner Notification Date : DEC 21, 2018 - DEC 21, 2018

\* NR - Not Reported