

Part 573 Safety Recall Report

20V-568

Manufacturer Name : Nova Bus**Submission Date :** AUG 31, 2021**NHTSA Recall No. :** 20V-568**Manufacturer Recall No. :** CR4963**Manufacturer Information :****Population :**

Manufacturer Name : Nova Bus

Number of potentially involved : 223

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

Estimated percentage with defect : 10 %

Company phone : 450-472-6410

Vehicle Information :

Vehicle 1 : 2019-2021 Nova Bus LFS

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Certain vehicles with a certain power steering pipes configuration from a specific supplier.

Production Dates : SEP 11, 2019 - MAR 05, 2021

VIN Range 1 : Begin : NR End : NR Not sequential

Vehicle 2 : 2019-2021 Nova Bus LFS Artic

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Certain vehicles with a certain power steering pipes configuration from a specific supplier.

Production Dates : NOV 20, 2019 - MAR 12, 2021

VIN Range 1 : Begin : NR End : NR Not sequential**Description of Defect :**

Description of the Defect : Certain power steering pipes from the rear engine bay to the front gear box may separate at the connection joint.. This may cause a power steering assist lost and power steering fluid spillage from the ceiling in the passenger compartment.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Under certain conditions, this may increase the risk of a crash and/or increase the risk of a passenger injury. Nova Bus has not received any report of injury or death associated with this defect. Therefore we consider this as a proactive measure to protect the public from the potential risk associated with this defect.

Description of the Cause : The pipe connection brazing was not performed properly per the part drawing specifications by a new supplier.

Identification of Any Warning that can Occur : The power steering pipe joint may leak before the pipe separation occur.

Involved Components :

Component Name 1 : Pipe

Component Description : Power Steering Pipe

Component Part Number : N81042-01, N81043-01

Supplier Identification :

Component Manufacturer

Name : Oriskany Manufacturing Technologies

Address : 2 Wurz ave.

Yorkville New York 13495

Country : United States

Chronology :

2020-09 Reports of 3 power steering pipe separation at Nova Bus Plattsburgh assembly plant during on site vehicle operation. Reports of 7 power steering pipe leakage at Nova Bus St-Eustache assembly plant during on site vehicle operation.

2020-09-03 Nova Bus decides to initiate a proactive delivery stop for both Plattsburgh and St-Eustache plants.

2019-09-04 Product Safety Working Group informed of the potential safety related issue. Investigation opened.

2020-09-08 Supplier root cause analysis report received.

2019-09-17 Volvo Bus Corporation Product Safety Committee determines safety-related defect exits.

2019-09-21 Nova Bus informs NHTSA that a voluntary recall will be released to address the safety-related defect.

Nova Bus did not received any consumer complaint, warranty claim or field report associated directly with this defect.

Description of Remedy :

Description of Remedy Program :	Nova Bus will provide a service document to inspect and replace the power steering pipes for the affected vehicle population. All cost associated with this inspection and replacement will be covered by Nova Bus.
How Remedy Component Differs from Recalled Component :	The remedy power steering pipes will be manufactured by the previous supplier where no similar issue was report in the past.
Identify How/When Recall Condition was Corrected in Production :	Starting from 2020-09-06, the assembly lines at Plattsburgh and St-Eustache were using power steering pipes from the previous supplier where no similar issue was report in the past.

Recall Schedule :

Description of Recall Schedule :	Note Nova Bus does not have a dealer network and the dates entered are only to avoid NHTSA Recall Portal error while submitting the recall report.
Planned Dealer Notification Date :	OCT 05, 2020 - OCT 05, 2020
Planned Owner Notification Date :	OCT 05, 2020 - NOV 06, 2020

* NR - Not Reported