

Part 573 Safety Recall Report

23V-090

Manufacturer Name : Nikola Corporation**Submission Date :** FEB 16, 2023**NHTSA Recall No. :** 23V-090**Manufacturer Recall No. :** 22VDC0908**Manufacturer Information :**

Manufacturer Name : Nikola Corporation

Address : 4141 E. Broadway Dr.

Phoenix AZ 85040

Company phone : 630-808-4531

Population :

Number of potentially involved : 137

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2022-2022 Nikola TRE BEV

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : NR

Descriptive Information : On, September 20, 2022, Nikola's supplier, ZF North America Inc, declared a recall (22E-078) affecting a potential brake pedal issue in 137 of Nikola Corporation's vehicles. Before issuing its own recall or sending out notifications, Nikola inspected 100% of the potential recall population and found zero defects. At the request of the National Highway Traffic Safety Administration Nikola is filing this report.

Production Dates : NOV 05, 2021 - JUN 30, 2022VIN Range 1 : Begin : 1N9APB1A4N2393001 End : 1N9APB1A1N2393053 Not sequentialVIN Range 2 : Begin : 1N9ABB1A6N2393001 End : 1N9ABB1A5N2393040 Not sequential**Description of Defect :**

Description of the Defect : Reference 23E078. "The shaft locking screw maintaining the brake pedal may potentially be missing or it may not be fully threaded. If the shaft locking screw is missing or insufficiently seated, under certain conditions there is the potential for the shaft to move from its guidance and for the brake pedal to fall off".

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Reference 23E078. "Loss of brake pedal function, increasing the risk of a crash".

Description of the Cause : Reference 23E078. "Based on available information, there are two potential causes, both involving the assembly process: (1) electrical screwdriver may not have been linked to automatic sequence control; and (2) necessary tightening operations may have been skipped at the assembly line."

Identification of Any Warning Reference 23E078. "Brake pedal feel may change prior pedal detachment" that can Occur :

Involved Components :

Component Name 1 : IPU (INTEGRATED PEDAL UNIT)

Component Description : NR

Component Part Number : 9650019900

Supplier Identification :

Component Manufacturer

Name : ZF North America, Inc.

Address : 12001 Tech Center Drive
Livonia Michigan 48150

Country : United States

Chronology :

- On September 12, 2022, ZF North America Inc. notified Nikola of a potential issue with the brake pedal manufactured by ZF North America Inc. in the possession of Nikola.
- On September 13, 2022, With ZF, Nikola developed an inspection method.
- On September 14, 2022, all cabs at the factory were inspected. All brake pedals in the cabs were found to have its screws properly installed and fully seated.
- On September 16, 2022, Nikola's Vehicle Defect Committee met to discuss the issue and decided to complete the inspection of the ZF recall population before determining if a recall was necessary.
- On November 1, 2022, Nikola completed the inspection of all sold trucks. All brake pedals in the trucks were found to have its screws properly installed and fully seated.
- On November 29, 2022, Nikola informed NHTSA that a recall was not filed because 100% of the vehicles were checked without any defect.
- On February 3, 2023, NHTSA requested that Nikola file a 573 report and close out the recall with 100% completion.

Description of Remedy :

Description of Remedy Program : Nikola completed the inspection remedy of all the ZF recall population before notification was necessary.

How Remedy Component Differs from Recalled Component : N/A

Identify How/When Recall Condition was Corrected in Production : N/A

Recall Schedule :

Description of Recall Schedule : Nikola has completed the recall without notification being required.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

* NR - Not Reported