

# Part 573 Safety Recall Report

# 24V-844

**Manufacturer Name :** Nikola Corporation**Submission Date :** NOV 07, 2024**NHTSA Recall No. :** 24V-844**Manufacturer Recall No. :** 24VDC0903**Manufacturer Information :**

Manufacturer Name : Nikola Corporation

Address : 4141 E. Broadway Dr.

Phoenix AZ 85040

Company phone : 630-808-4531

**Population :**

Number of potentially involved : 72

Estimated percentage with defect : 100 %

**Vehicle Information :**

Vehicle 1 : 2022-2023 Nikola Tre BEV

Vehicle Type : BUSES, MEDIUM &amp; HEAVY VEHICLES

Body Style : OTHER

Power Train : NR

Descriptive Information : - The instrument cluster display goes black on some 2022-2023 Tre BEV trucks. The temporary or permanent failure of the display prevents a driver from seeing certain gauges and telltales required by FMVSS 101.

- This could affect all 72 MY 2022-2023 Tre BEV trucks in the field.

Production Dates : APR 14, 2022 - NOV 08, 2022

VIN Range 1 : Begin : 1N9APB1A6N2393002 End : 1N9APB1A0P239318  Not sequential**Description of Noncompliance :**

Description of the Noncompliance : The instrument cluster display goes black on some 2022-2023 Tre BEV trucks.

The temporary or permanent failure of the display prevents a driver from seeing certain gauges and telltales required by FMVSS 101.

FMVSS 1 : 101 - Control and displays

FMVSS 2 : NR

Description of the Safety Risk : Failure of the display prevents a driver from seeing certain gauges and telltales increasing the risk of a crash.

Description of the Cause : Instrument Cluster (IC) resistor is degraded over time because of in-rush current. Eventually resistor fails, causing Instrument Cluster to go black.

Identification of Any Warning that can Occur : Instrument Cluster may go black for 3 to 5 seconds before returning. Vehicle continues to operate.

**Involved Components :**

Component Name 1 : Instrument Cluster

Component Description : Instrument Cluster contains mandatory and critical vehicle operation information: Speed, range, SOC, DNR, telltales, TPMS, etc.

Component Part Number : PN00602354/ PN0114510

## Supplier Identification :

### Component Manufacturer

Name : Pektron SEV

Address : Alfreton Road

Derby, Derbyshire Foreign States DE21-4AP

Country : United Kingdom

## Chronology :

- On September 23, 2024 the Nikola Campaign Committee identified 6 reported cases in customer service portal of instrument cluster screens going black for 3 to 5 seconds or permanently in the field from 6/17/24 to 9/16/24 and launched an investigation into root cause and corrective action.
- On October 18, 2024 Nikola Campaign Committee met to discuss field action and referred issue to Vehicle Defects Managers as a potential FMVSS non-compliance.
- On October 21, 2024 Nikola Vehicle Defects Managers met and referred issue to Vehicle Defects Technical Team for consideration of a recall.
- On October 23, 2024 Nikola Vehicle Defects Technical Team recommend recall to Vehicle Defects Committee.
- On October 31, 2024 Nikola Vehicle Defects Committee voted to issue a voluntary recall to replace all affected instrument clusters.
- Nikola is not aware of any injuries or property damage associated with this issue.

## Description of Remedy :

Description of Remedy Program : Nikola will notify owners by mail and instruct to take their vehicle to a Nikola dealer to have their instrument cluster replaced. Nikola will cover all costs for the replacement. Nikola will notify dealers informally by email and through the Nikola portal shortly after the recall is effective and will formally notify dealers by mail with instructions and warranty plan when available.

How Remedy Component Differs : The replacement instrument cluster (including new and reworked clusters - PN01513429 & RN01513429) includes an upgraded resistor and other

from Recalled Component : hardware upgrades to reduce in-rush current and prevent failure.

Identify How/When Recall Condition was Corrected in Production : As of October 18, 2024 an internal campaign has been used to correct all production vehicles.

### Recall Schedule :

Description of Recall Schedule : Dealers will be informally notified on November 8, 2024. Customers will be notified by mail starting on November 22, 2024 and ending December 06, 2024.

Planned Dealer Notification Date : NOV 15, 2024 - NOV 22, 2024

Planned Owner Notification Date : NOV 22, 2024 - DEC 06, 2024

\* NR - Not Reported