



U.S. Department
of Transportation

National Highway
Traffic Safety
Administration

Part 573 Safety Recall Report

26V253

Manufacturer Name: Hexagon Purus Systems USA LLC

Submission Date: Apr 30, 2026

NHTSA Recall No.: 26V253

Manufacturer Recall No.:

Manufacturer Information

Population

Manufacturer Name: Hexagon Purus Systems
USA LLC

Address: 2401 E Meadows Blvd
Mesquite TX, 75150

Total number of potentially involved: 17

Estimated percentage with defect: 100%

Vehicle Information

Vehicle 1: 2025-2026 Tern RC8

Product Category: Buses, Medium & Heavy Vehicles

Product Type: Tractor

Fuel / Propulsion: Electric Battery Power

Production Dates: Jan 01, 2024 - Mar 29, 2026

Number of potentially involved: 17

Descriptive Information:

This recall involves 17 vehicles that have left Hexagon Purus' control, and includes vehicles produced through March 29, 2026, when corrective action was implemented in production. Of the 17 subject vehicles, 15 are in a single distributor's inventory and 2 are with owners.

Defect / Noncompliance Description

Description of the defect or noncompliance:

The instrument cluster (known as the "Digital Meter Cluster" on these vehicles) displays the primary and secondary air brake pressure approximately 10 percent lower than actual pressure under all conditions. Accordingly, the subject vehicles do not conform to the requirements of S5.1.4 of FMVSS 121, Air Brake Systems, which requires the pressure gauge to be accurate within plus or minus 7 percent.

FMVSS1:

FMVSS2:

Description of the safety risk, including crash, fire, death, injury:

Because the system operates more conservatively than the regulation requires, the gauge may give an

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indication of a brake issue when there is adequate pressure in the system.

Description of the cause:

The primary and secondary air pressure sensors are being incorrectly translated and displayed to the driver.

Identification of any warning that can occur:

Component Manufacturer

Tier of Supplier:

Supplier Type: OEM

Name: Hexagon Purus

Address: 201 E Meadows Blvd
Mesquite TX, 75150

Country: United States

Involved Components

Component Name 1: Decal, Air Gauge Scaling Decals w/ units

Component Description: Decal, Air Gauge Scaling Decals w/ units

Component Part Number: 49600100

Chronology

- December 2025 – A third party test laboratory that was engaged by Hexagon Purus to conduct FMVSS 121 compliance testing for a new chassis variant (not the subject RC8 model) and advised Hexagon Purus that the pressure gauge reading indicated an understatement of air pressure within the air brake system reservoirs. After communications and clarifications with Hexagon Purus, the third party test laboratory re-tested on February 9, 2026.
- February 2026 – early March 2026 – Hexagon Purus conducted internal testing to evaluate whether the issue identified by the test lab was an isolated occurrence and whether the condition also existed on the subject RC8 vehicles. This condition was confirmed to be present on the RC8 model. The root cause investigation concluded that the error resulted from the interaction and compatibility between the Digital Meter Cluster and the pressure sensors when integrated onto Hexagon Purus' battery-electric vehicle (BEV) applications. Both parts function properly when operated independently during bench testing, but they were found to have issues when connected to each other in the system on BEV platforms.
- March 26, 2026 – March 30, 2026 – The engineering and regulatory teams evaluated potential compliance issues under FMVSS 121 (specifically, S5.1.4).

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- March 29, 2026 – Hexagon Purus issued an Engineering Change Request to make updates to address the issue.
- March 30 – April 10, 2026 – The matter was escalated to Hexagon Purus' Safety and Compliance Committee for consideration.
- April 13, 2026 – Hexagon Purus' Safety and Compliance Committee made a noncompliance determination.
- As of April 20, 2026, 15 of the subject vehicles have been brought into compliance with the interim remedy.

There have been no accidents, injuries, complaints, or claims related to this condition.

Related NHTSA Recall Number:

Description of Remedy

Remedy Type: Mail Information/Labels, Software

Consumer Advisories: ☐ Do Not Drive ☐ Park Outside

Description of remedy program:

As an interim remedy, affected vehicles will be retrofitted with an adhesive decal overlay that modifies the minimum and maximum range markings of the pressure gauge, so the indicated pressure accurately reflects the pressure in the reservoir tanks. (See Hexagon Purus TSB #04142026_01.) Hexagon Purus is developing a software update that will be offered to owners free of charge when available (in approximately 30 - 45 days). This update, which will correct the scaling of the primary and secondary air pressure displays, will replace the decal overlay.

How remedy component differs from recalled component:

The decal overlay modifies the minimum and maximum range markings of the pressure gauge to accurately reflect pressure. The subsequent software update will correct the scaling of the primary and secondary air pressure displays.

Identify how/when recall condition was corrected in production:

The decal overlay was implemented in production as of March 29, 2026.

Reimbursement Plan

Description of reimbursement program:

Pursuant to 49 CFR 577.11(e), Hexagon Purus requests that it be exempt from providing a notification of a reimbursement plan. Any pre-notification condition would have been addressed under the manufacturer's limited warranty. Accordingly, no person would be eligible for reimbursement pursuant to 573.13.

Period of reimbursement:

Part 573 Safety Recall Report**26V253****Costs to be reimbursed:****Address for reimbursement claims:****Recall Schedule****Description of recall schedule:**

The sole distributor of the subject vehicles has been notified of this issue, and all vehicles in distributor inventory have been brought into compliance. Owners of the two field units will be notified on or before May, 31, 2026.

Planned Dealer Notification Date:☒ No Dealers**Planned Interim Owner Notification Date:**☐ No Owners**Planned Remedy Owner Notification Date:** May 31, 2026 - May 31, 2026 ☐ Phased Recall**Date when VIN will be searchable:**