



U.S. Department
of Transportation

National Highway
Traffic Safety
Administration

Part 573 Safety Recall Report

25V832

Manufacturer Name: Virnig Manufacturing Inc.

Submission Date: Dec 01, 2025

NHTSA Recall No.: 25V832

Manufacturer Recall No.:

Manufacturer Information

Population

Manufacturer Name: Virnig Manufacturing Inc.

Address: 101 N Gateway Drive
Rice MN, 56367

Total number of potentially involved: 10

Estimated percentage with defect: 100%

Vehicle Information

Vehicle 1: 2025-2025 VIRNIG TR-HDD-1414

Product Category: Trailers

Product Type:

Fuel / Propulsion:

Production Dates: Jun 18, 2025 - Aug 12, 2025

Number of potentially involved: 2

Descriptive Information:

We (Virnig Manufacturing) had just started producing this line of trailers. There were limited numbers of trailers produced. We knew which trailers we had already shipped and which ones weren't at the facility any more.

Vehicle 2: 2025-2025 VIRNIG TR-RHDD-1409

Product Category: Trailers

Product Type:

Fuel / Propulsion:

Production Dates: Jun 18, 2025 - Aug 12, 2025

Number of potentially involved: 8

Descriptive Information:

We (Virnig Manufacturing) had just started producing this line of trailers. There were limited numbers of trailers produced. We knew which trailers we had already shipped and which ones weren't at the facility any more.

Part 573 Safety Recall Report

25V832

Defect / Noncompliance Description

Description of the defect or noncompliance:

The bearing lock nuts were improperly installed, causing improper pre-load of the bearings from the factory.

FMVSS1:

FMVSS2:

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

The improper installation could potentially cause potential bearing failure. This bearing failure may result in; bearing damage, bearing failure, or the loss of hub/rim/wheel/tire.

Description of the cause:

Improper assembly procedures.

Identification of any warning that can occur:

There is no pre-trip inspection or warning for this issue.

Component Manufacturer

Tier of Supplier: Tier 1

Supplier Type: OEM

Name: Virnig Manufacturing

Address: 101 Gateway DR NE
Rice MN, 56367

Country: United States

Involved Components

Component Name 1: Spindle Washer

Component Description: 1" x 2" Spindle Washer

Component Part Number: 16208PP

Component Name 2: Spindle

Component Description: Wheel Spindle, Machined

Part 573 Safety Recall Report

25V832**Component Part Number:** 16954VP**Component Name 3:** Hub Sub-Assembly**Component Description:** 7K Wheel Hub Sub-Assembly**Component Part Number:** 17030PP**Component Name 4:** Hex Nut**Component Description:** 1"-14 Grade 2 Slotted Hex Nut**Component Part Number:** 15777PP**Component Name 5:** Cotter Pin**Component Description:** 1/8" x 1 1/4" Cotter Pin**Component Part Number:** 10972PP

Chronology

- 1) Customer reached out to our Warranty/Service department with an issue regarding the trailer bearings (heard and felt vibrations).
- 2) Plant Manager was informed of the issue. Plant Manager then informed the Director of Operations, who then informed top management (company VPs and president).
- 3) Meeting was held with Product Engineering Manager, Manufacturing Engineering Manager, VP of Operations and Engineering, Plant Manager, and Production Specialist. It was brought to light that the problem might be from over torquing the spindle nut. Determined there could have been discrepancies in the torquing value as well as the procedure.
- 4) Additional information was gathered from the customer who initially had reached out with the issue. There was a phone call with the members listed above, as well as someone from Sales and another from the Service/Warranty department.
- 5) Made the decision to halt shipping additional units until root cause of the issue was determined and any remaining units at the plant could be checked.
- 6) After all evidence had been gathered, it was determined that the cause was improper torquing of the spindle nut.
- 7) Once the determination of the root cause, emails went out to all dealers with affected units on August 19th inform them of the defect.
- 8) A resolution email was sent August 22nd with details regarding the resolution of the defect to all dealers with affected units.
- 9) Replacement parts were shipped out August 25th.
- 10) Follow up emails were sent out to all dealers with defective trailers on October 9th. At that time 30% of re-work had been completed.

Part 573 Safety Recall Report

25V832

11) Confirmation of last open recalled trailer was completed as of October 28th, 2025. 100% of recalled trailers have been confirmed as re-worked and back in operational condition.

Related NHTSA Recall Number:

Description of Remedy

Remedy Type:

Consumer Advisories: Do Not Drive Park Outside

Description of remedy program:

Once the issue was found, the following steps were taken.

- 1) Notified all potential customers of the issue.
- 2) Discussed with dealers to determine the root cause of the issue.
- 3) Notified all dealers to pull the trailers off the road/cease using them until we are able to provide inspection instructions and/or the process to fix the issue.
- 4) Sent out inspection instructions to dealers.
- 5) Sent out any replacement parts/components.
- 6) Changed internal processes and updated documentation.
- 7) Followed up and verified with all dealers that the inspection/replacement work had been completed.

How remedy component differs from recalled component:

Identify how/when recall condition was corrected in production:

Production was halted once the issue was found/determined. Once the cause was determined, internal processes were changed and updated. This includes adding a specific verification of proper installation process as well as a secondary torque inspection verification, and additional training of the assembly personnel.

Reimbursement Plan

Description of reimbursement program:

Parts and labor coverage to get the trailers back into operational condition (as originally intended from the factory).

Period of reimbursement:

Remained open until all units had been repaired.

Costs to be reimbursed:

All parts sent out as a \$0 order (no cost) to the dealers. Labor pre-approved, up to 2 hours, at standard shop rates. Cost reimbursed as a credit to the dealers. Anything over 2 hours to be approved by Virnig Manufacturing first.

Address for reimbursement claims:

Part 573 Safety Recall Report**25V832****Recall Schedule****Description of recall schedule:**

When first discovered, since all trailers were sold to one dealer (corporate rental agency, distributed amongst their individual locations, for use in their fleet), an email went out to the corporate contact as well as the branch managers at each individual location. This email indicated that there were issues found with the trailer and that they should be taken out of service and that a member of our service team will be in contact as soon as possible with a solution.

Planned Dealer Notification Date: Aug 19, 2025 - Aug 19, 2025 No Dealers**Planned Interim Owner Notification Date:** No Owners**Planned Remedy Owner Notification Date:** Phased Recall**Date when VIN will be searchable:**