

Part 573 Safety Recall Report

24V-853

Manufacturer Name : Diamond C Trailer MFG**Submission Date :** DEC 16, 2024**NHTSA Recall No. :** 24V-853**Manufacturer Recall No. :** 24V853**Manufacturer Information :**

Manufacturer Name : Diamond C Trailer MFG

Address : 4006 FM 3417

Mount pleasant TX 75455

Company phone : 5722834

Population :

Number of potentially involved : 1,432

Estimated percentage with defect : 35 %

Vehicle Information :

Vehicle 1 : 2023-2024 Diamond C Trailer MFG HDT208(All Trim Levels), HDT210(All Trim Levels), HDT307(All Trim Levels)

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : HDT210(All Trim Levels)
 20,000 GVWR.
 HDT208(All Trim Levels)
 16,000 GVWR.
 HDT307(All Trim Levels)
 21,000 GVWR

Production Dates : JUN 01, 2023 -SEP 11, 2024

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : Failure of the axle fastener (nut/bolt) at the axle frame assembly.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Installed axles on certain GVWR rated trailers with an integrated tilt tail may come loose from the manufactured axle hanger assembly. When this condition occurs, the axle may roll up in the axle hanger assembly and may come loose from the trailer. This condition could increase the chance of an accident.

Description of the Cause : Fastener installation procedure lacked sufficient enforcement.

Identification of Any Warning None
 that can Occur :

Involved Components :

Component Name 1 : Axle assembly nut and bolt

Component Description : Grade 8, steel, 5/8" bolt and matching nut

Component Part Number : 70-02-0401009 (bolt), 70-02-201039 (nut)

Supplier Identification :**Component Manufacturer**

Name : None

Address : NR

NR

Country : NR

Chronology :

NR

Description of Remedy :

Description of Remedy Program : Diamond C has determined the remedy will be to introduce a flanged bolt and distortion locking flange nut to the torsion hanger frame assembly to prevent the nut from disengaging from the bolt. Diamond C will provide a repair kit to all dealers with instructions on how to replace the fastener hardware.

How Remedy Component Differs from Recalled Component : The remedy fastener construction uses a distortion thread flange nut. The nut is designed to distort the bolt threads as the nut is tightened on the bolt. This distortion will prevent unintended disengagement of the nut. Due to both the bolt and nut having a flange, the remedy eliminates the risk of improper washer usage.

Identify How/When Recall Condition was Corrected in Production : Defect was corrected in production on 12/5/2024 by introduction of replacement fasteners.

Recall Schedule :

Description of Recall Schedule : Diamond C will notify dealers during the week of December 9, 2024 and anticipates that all notification will be concluded within one week. All

trailers subject to this recall are under warranty and, as a result, pre-recall reimbursement will not be offered.
Diamond C authorized dealers, do not provide end-customer sale information.

Planned Dealer Notification Date : DEC 09, 2024 - DEC 31, 2024

Planned Owner Notification Date : DEC 12, 2024 - JAN 31, 2025

* NR - Not Reported