



U.S. Department  
of Transportation

National Highway  
Traffic Safety  
Administration

## Part 573 Safety Recall Report

# 25V713

**Manufacturer Name:** Alloy Custom Products LLC

**Submission Date:** Oct 20, 2025

**NHTSA Recall No.:** 25V713

**Manufacturer Recall No.:**

### Manufacturer Information

### Population

**Manufacturer Name:** Alloy Custom Products LLC

**Address:** 9701 Old State Road 25 N  
Lafayette IN, 47905

**Total number of potentially involved:** 180

**Estimated percentage with defect:** 100%

### Vehicle Information

**Vehicle 1:** 2023-2025 ACP CRYOGENIC TRAILER

**Product Category:** Trailers

**Product Type:** Tank Trailers

**Fuel / Propulsion:**

**Production Dates:** Feb 28, 2023 - Apr 14, 2025

**Number of potentially involved:** 180

**Descriptive Information:**

The recall population was determined through Alloy production records.

The recalled products have incomplete tower welds.

### Defect / Noncompliance Description

**Description of the defect or noncompliance:**

Tower welds that did not meet specifications may create risk of suspension detachment from trailer frame.

**FMVSS1:**

**FMVSS2:**

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

If the suspension attachment weld fails, then the suspension could disconnect from the trailer while in operation. In some cases, this could present a risk of crash or injury.

**Description of the cause:**

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Failure of subcontractor to follow suspension design specifications and installation instructions.

**Identification of any warning that can occur:**

The driver would not receive a warning prior to disconnection.

## Component Manufacturer

**Tier of Supplier:** Tier 1

**Supplier Type:** Other

**Name:** The Kelly Group

**Address:** 3310 Concord Rd  
Lafayette IN, 47909

**Country:** United States

## Involved Components

**Component Name 1:** Lower Subframe

**Component Description:** Trailer frame and suspension

**Component Part Number:** 17-100-500

## Chronology

In early April 2025, a customer reported that an Alloy Custom Products trailer experienced an axle detachment during a slow turn. In response, Alloy initiated a review of the incident.

As a precaution, in mid-April 2025, Alloy put a hold on any further suspension installations by the subcontractor.

In May of 2025, based on inspection of the vehicle, Alloy determined that a suspension tower weld was not in compliance with specifications and Alloy standards. Alloy commenced an investigation to determine if the erroneous weld may have been a contributing factor in the suspension detachment.

Alloy worked with the customer to inspect other units within its fleet. They identified other units with incomplete suspension tower welds. Alloy repaired the welds to design specifications, completing that in late July 2025.

Separately, Alloy worked with the subcontractor to review production records, quality inspections, procedures, and other relevant data pertaining to these units and others during this time. Alloy traced the deviation from design specifications to a change in design in February 28, 2023.

In parallel, Alloy conducted an internal investigation of the suspension design and worked with suspension manufacturers to confirm design criteria and manufacturing and installation specifications and instructions.

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In August 2025, Alloy's investigation determined that a number of the suspensions delivered by the subcontractor had incomplete welds and began a review of production records for trailers manufactured since the design update in 2023. Further review and testing determined that failure of such welds could cause the suspension to separate from the trailer chassis.

On October 15<sup>th</sup>, 2025, Alloy determined that a safety related defect could not be ruled out and decided to conduct a recall.

**Related NHTSA Recall Number:**

## Description of Remedy

**Remedy Type:** Repair

**Consumer Advisories:**  Do Not Drive  Park Outside

**Description of remedy program:**

Customers will be asked to bring affected vehicles into one of Alloy's facilities, where they will be inspected and any incomplete welds will be repaired to manufacturer's specifications. Alloy will perform the modification required to remedy the defect free of charge to the customer.

**How remedy component differs from recalled component:**

Welds will be completed to specifications.

**Identify how/when recall condition was corrected in production:**

As a precaution, Alloy Custom Products directed the Kelly Group to suspend further suspension installation in April 2025. On April 14, 2025, Alloy transitioned the suspension installation process to its own manufacturing plant(s), to ensure quality control.

Alloy is not aware of any crashes, injuries, or property damage associated with this defect.

## Reimbursement Plan

**Description of reimbursement program:**

Alloy Custom Products will reimburse owners who incurred cost related to repairing this defect.

**Period of reimbursement:**

**Costs to be reimbursed:**

If owners paid out of pocket to have these specific repairs performed, Alloy Custom Products will reimburse labor and material costs associated with these repairs.

**Address for reimbursement claims:**

**Part 573 Safety Recall Report****25V713****Recall Schedule****Description of recall schedule:**

Purchasers of potentially affected trailers will be notified of the recall in the next several weeks.

Owners will be able to obtain a remedy by contacting Alloy Custom Products and scheduling service.

**Planned Dealer Notification Date:** No Dealers**Planned Interim Owner Notification Date:** No Owners**Planned Remedy Owner Notification Date:** Dec 15, 2025 - Dec 15, 2025  Phased Recall**Date when VIN will be searchable:**