



U.S. Department
of Transportation

National Highway
Traffic Safety
Administration

Part 573 Safety Recall Report

26V502

Manufacturer Name: Alamo Group Inc.

Submission Date: Aug 04, 2026

NHTSA Recall No.: 26V502

Manufacturer Recall No.:

Manufacturer Information

Population

Manufacturer Name: Alamo Group Inc.

Address: 1627 East Walnut St
Seguin TX, 78155

Total number of potentially involved: 110

Estimated percentage with defect: 50%

Vehicle Information

Vehicle 1: 2022-2026 Royal Truck & Equipment Traffic Control Truck

Product Category: Light Vehicles

Product Type: Light Truck

Fuel / Propulsion:

Production Dates: Oct 01, 2022 - Jun 24, 2026

Number of potentially involved: 110

Descriptive Information:

The recall population has been determined based on examination of manufacturing and quality control processes for certain solar panels attached to Wanco sign boards in the identified traffic control truck models above. The vehicles in the recall population differ from other vehicles in that the self-tapping screws used to secure the solar panel to the Wanco sign board may back out.

Defect / Noncompliance Description

Description of the defect or noncompliance:

Design defect where it was not specified which type of fastener to use to attach the solar panel to the sign board. Self-tapping screws were used and have a tendency to back out of the solar panel due to normal road vibrations.

FMVSS1:

FMVSS2:

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

The self-tapping screws could back out and the wiring attaching the solar panel to a Wanco sign board could fray and break leading to the solar panel to disengage from the vehicle and come into contact

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with other cars or pedestrians while the vehicle is driving down public roadway, which increases the safety risk of crash and injury.

Description of the cause:

Design defect where proper part for securing the solar panel was not included on design drawings and self-tapping screws were improperly used.

Identification of any warning that can occur:

Solar panel can become semi-disengaged and come into contact with side of vehicle which may alert operator that solar panel is semi-disengaged.

Component Manufacturer

Tier of Supplier:

Supplier Type: OEM

Name: Royal Truck & Equipment, LLC

Address: 1100 Pottsville Pike
Shoemakersville PA, 19555

Country: United States

Involved Components

Component Name 1: Solar panel

Component Description: Solar panel that provides power to a Wanco sign board.

Component Part Number: ABWNC25LPF00STD

Chronology

In June 2026, Royal Truck was notified of a solar panel becoming detached from a Wanco sign board. An inspection of the solar panel that came off of the Wanco sign board showed the self-tapping screws had completely backed out of the sign board. The solar panel did not completely fall away from the vehicle as it was still connected to the Wanco sign board by the wiring.

In inspecting other vehicles with solar panels it was determined that this issue was related only to certain Class 2 Traffic Control Trucks with a specific model of Wanco sign board, as Royal Truck installs the solar panel on such sign boards. In the investigation of this issue, it was determined that the self-tapping screws had a tendency to back out of the solar panel through road vibrations from normal use. The design for the installation of the solar panel on the Wanco sign board was reviewed and the design drawings did not specify what type of part should be used to secure the solar panel to the Wanco sign board. Royal Truck investigated which type of fastener should be used to secure the solar panel to the Wanco sign board and determined that rivets would not dislodge like the self-tapping

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screws. The use of the rivets (the correct fastener) to secure the solar panel to the Wanco sign board corrected the defect for any vehicles produced after June 24, 2026.

As of July 27, 2026, Alamo is aware of no warranty claims, no deaths, and no injuries related to this issue. The incident in June 2026 is the only such inquiry, notification, or report Alamo has received on this issue.

On July 27, 2026, Alamo decided to declare a voluntary safety recall to remedy this issue.

Related NHTSA Recall Number:

Description of Remedy

Remedy Type: Inspect, Repair

Consumer Advisories: ☐ Do Not Drive ☐ Park Outside

Description of remedy program:

Royal Truck will provide customers with instructions to remove self-tapping screws and replace with rivets.

Affected vehicle owners will be notified by first class mail and provided remedy instructions.

If this condition was identified and remedied on an affected vehicle prior to this campaign, Royal Truck will reimburse owners who have incurred the cost of such remedy.

How remedy component differs from recalled component:

The remedy provides for the use of rivets that will secure the solar panel so it does not disengage due to normal road use.

Identify how/when recall condition was corrected in production:

As of June 24, 2026, the design drawing for the vehicles was updated to expressly direct employees to use fasteners in manufacture of the vehicles and all self-tapping screws were removed from facility manufacturing floor.

Reimbursement Plan

Manufacturer used general reimbursement plan on file.

Recall Schedule

Description of recall schedule:

Royal Truck will notify all affected owners of affected vehicles by Part 577-compliant owner letters sent

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via USPS within 60 days.

Planned Dealer Notification Date:

☒ No Dealers

Planned Interim Owner Notification Date:

☐ No Owners

Planned Remedy Owner Notification Date: Sep 29, 2026 - Sep 29, 2026

☐ Phased Recall

Date when VIN will be searchable: