

# Part 573 Safety Recall Report

## 23V-892

**Manufacturer Name :** Alamo Group Inc.

**Submission Date :** DEC 22, 2023

**NHTSA Recall No. :** 23V-892

**Manufacturer Recall No. :** NR



### Manufacturer Information :

Manufacturer Name : Alamo Group Inc.

Address : 1627 East Walnut St

Seguin TX 78155

Company phone : (830) 379-1480

### Population :

Number of potentially involved : 195

Estimated percentage with defect : 50 %

### Vehicle Information :

Vehicle 1 : 2021-2023 Old Dominion Brush Compan DCL1000SE25, DCL800SM30, DCL800SM25, DCL800SM20, DCL800TM30, DCL800TM25, DCL800TM20, DCL750

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

**Descriptive Information :** The recall population has been determined based on examination of manufacturing and quality control processes for hoist components in the identified ODB models above. The vehicles in the recall population differ from other vehicles in that the hoist in the recalled ODB vehicles are from a different supplier and may fail if pressure in the hoist exceeds 800 psi.

Production Dates : SEP 01, 2021 - DEC 07, 2023

VIN Range 1 : Begin : 1Z9PS2428NR168323 End : 3BPPHM7X2RF596146 ☒ Not sequential

### Description of Defect :

**Description of the Defect :** When the retraction of the hoist that raises and lowers the dump body is blocked or stalled, the bolt connecting the rod and the yoke on the hoist assembly can shear, causing the hoist to fail.

FMVSS 1 : NR

FMVSS 2 : NR

**Description of the Safety Risk :** A hoist failing could cause a dump body to fall and forcefully impact with the chassis, increasing the risk of injury to those in or near the truck or trailer.

**Description of the Cause :** The design of the hoist does not allow for pressure to exceed 800 psi. The increased pressure buildup (above 800 psi) from suddenly stopping the retraction of the hoist to lower the dump body causes the bolt in the hoist assembly to shear.

**Identification of Any Warning that can Occur :** N/A

**Involved Components :**

Component Name 1 : Hoist

Component Description : Hoist that raises and lowers the dump body of the vehicle

Component Part Number : CS628 ODB

**Supplier Identification :****Component Manufacturer**

Name : The Godwin Group

Address : 200 Champion Dr.  
Dunn North Carolina 28334

Country : United States

**Chronology :**

On 11/8/23 ODB was notified by a dealer that during inspection it noticed a bolt connecting the yoke to the cylinder in the hoist assembly on a DCL800 was sheared off. At the time ODB believed this to be an isolated incident due to the incorrect grade of bolt.

On 12/7/23 a dealer reported that the same type of bolt in the hoist assembly sheared off a DCL1000 unit, causing the dump body to fall on the chassis. Two persons in the cab of the truck complained of alleged whiplash/concussive injuries.

ODB began investigating the issue and on 12/8/23 directed RSMs and its warranty department to tell dealers that all DCL1000s should be put out of service until further notice. That same day a dealer notified ODB that the same type of hoist bolt on an additional unit in for service was also sheared.

ODB examined the vehicle that had a hoist failure on 12/7/23 and began investigating the potential cause of these failures. ODB discovered it was due to the buildup of pressure on the bolt in this specific type of hoist when the hoist was retracting and was stalled.

ODB then determined which models could have had this type of hoist and isolated them. On 12/14/23 ODB then directed RSMs and its warranty department to tell dealers that all models identified in this report should be put out of service until further notice.

On the same day a dealer reported another sheared bolt in the hoist assembly of a DCL1000 while testing/adjusting a gasket.

On 12/20/23, ODB issued a notice directly to affected owners and dealers directing them to put out of service all models identified in this report, due to the suspect hoist.

As of 12/22/23, Alamo was aware of no additional warranty claims of field/service reports, no deaths, and no additional injuries (except as stated herein) related to this issue. The aforementioned dealer notifications are the only such notifications.

On 12/22/23 Alamo decided to declare a voluntary safety recall to remedy this issue.

**Description of Remedy :**

**Description of Remedy Program :** ODB will provide dealers with instructions to examine hoist and, if it is a Champion hoist, add a pressure relief valve and replace the bolt with a higher grade bolt.

All affected vehicle owners will be notified by first class mail. Affected vehicle owners will be directed to take their vehicle to an ODB affiliated dealer to have the remedy performed free of charge.

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

**How Remedy Component Differs from Recalled Component :** The remedy provides for the reduction of pressure on the hoist and additional support with a higher-grade bolt. This will keep the hoist from failing and the dump body from unexpectedly lowering

**Identify How/When Recall Condition was Corrected in Production :** December 8, 2023, ODB has changed its manufacturing process to include the pressure relief valve and higher-grade bolt.

**Recall Schedule :**

**Description of Recall Schedule :** ODB will notify all owners and dealers of affected vehicles by Part 577-compliant owner letters sent via USPS within 60 days. Concurrent with filing the 573 report to notify NHTSA, ODB will send a TSB to all owners and dealers of affected vehicles with direction to put vehicles out of service and instructions to perform the recall remedy.

**Planned Dealer Notification Date :** FEB 20, 2024 - FEB 20, 2024

**Planned Owner Notification Date :** FEB 20, 2024 - FEB 20, 2024

\* NR - Not Reported