

Part 573 Safety Recall Report

24V-342

Manufacturer Name : Alamo Group Inc.

Submission Date : MAY 15, 2024

NHTSA Recall No. : 24V-342

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 : 26

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2023-2024 Morbark EB1821, EB2131, and EB1922

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : The recall population has been determined based on examination of manufacturing and quality control processes of engine fuel lines in the identified Morbark models above. The vehicles in the recall population differ from other vehicles in that the engine fuel lines are below the required pressure rating necessary for the engine.

Production Dates : SEP 05, 2023 - FEB 08, 2024

VIN Range 1 : Begin : 4S8SZ1914PW026652 **End :** 4S8SZ2213PW053079 Not sequential

Description of Defect :

Description of the Defect : The engine fuel lines that provide fuel to the engine are rated for a pressure of 50 pounds per square inch ("PSI") and the engine requires a pressure of 58 PSI.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : The engine fuel lines rated below the necessary pressure rating may burst and douse the engine in fuel, potentially causing an engine fire.

Description of the Cause : When designing and installing the fuel lines, Morbark used engine fuel lines that did not have a sufficient pressure rating for the engine.

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name 1 : Engine Fuel Line

Component Description : Fuel lines that supply fuel to the engine.

Component Part Number : 18511-428

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

In mid-March 2024 Morbark received an inquiry from a dealer asking about the pressure rating of the engine fuel lines. The dealer had noticed that the rating for the fuel lines was 50 PSI. The dealer asked Morbark if this was correct and a sufficient pressure rating for the pressure requirements of the engine.

Morbark began investigating the issue and testing the required pressure of the engine. A Morbark powertrain engineering manager tested the engine and the fuel line and discovered that the engine operates at a pressure of 58 PSI. This pressure was above the pressure rating of the fuel lines that Morbark installed on the engines. The powertrain engineer then researched the required amount of pressure necessary for the 50 PSI rated fuel line to burst and discovered that this would likely happen when the pressure reached 250 PSI or greater. However, it was also determined that at 58 PSI there was a chance that the fuel line could burst. Morbark then determined which models would have had these type of fuel lines installed.

Morbark determined that the issue was related to the use of engine fuel lines with an inadequate pressure rating for the engine. Morbark then determined that the use of engine fuel lines with a higher pressure rating above 58 PSI would ensure the engine fuel lines did not burst and douse the engine in fuel. A higher pressure rated fuel line was sourced and tested and it was determined that it would not burst at the 58 PSI required by the engine.

As of May 10, 2024, Alamo is aware of no warranty claims, no deaths, and no injuries related to this issue. The dealer inquiry in mid-March 2024 is the only such inquiry, notification, or report Alamo has received on this issue.

On May 10, 2024 Alamo decided to declare a voluntary safety recall to remedy this issue.

Description of Remedy :

Description of Remedy Program : Morbark will provide dealers with instructions to replace engine fuel lines in affected vehicles.

All affected vehicle owners will be notified by first class mail. Affected vehicle owners will be directed to take their vehicle to a Morbark 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, Morbark 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 fuel engine lines that are rated for the adequate pressure required by the engine in affected vehicles.

Identify How/When Recall Condition was Corrected in Production : On February 9, 2024, Morbark changed engine suppliers for the models represented by the affected vehicles. The engines from the new engine supplier come with the fuel lines already installed and which are rated for the adequate pressure of the engine, as such the recall condition was corrected in production at that time.

Recall Schedule :

Description of Recall Schedule : Morbark will notify all owners and dealers of affected vehicles by Part 577-compliant owner letters sent via USPS within 60 days.

Planned Dealer Notification Date : JUL 12, 2024 - JUL 12, 2024

Planned Owner Notification Date : JUL 12, 2024 - JUL 12, 2024

* NR - Not Reported