

Part 573 Safety Recall Report

21V-00G

Manufacturer Name : Alamo Group Inc.**Submission Date :** JAN 25, 2022**NHTSA Recall No. :** 21V-00G**Manufacturer Recall No. :** NR**Manufacturer Information :****Population :**

Manufacturer Name : Alamo Group Inc.

Number of potentially involved : 31

Address : 1627 East Walnut St

Estimated percentage with defect : 90 %

Seguin TX 78155

Company phone : (830) 379-1480

Vehicle Information :

Vehicle 1 : 2012-2021 Schwarze A Series CNG A7 CNG, A8 CNG, A9 CNG

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : CNG/LPG

Descriptive Information : This recall population is a limited build of CNG-powered street sweepers on Freightliner M2-112 chassis that have horizontal exhaust systems. Other A-Series sweepers not included in this recall population do not have horizontal exhaust systems.

Production Dates : AUG 10, 2012 - JUN 30, 2021

VIN Range 1 : Begin : 1FVAC4DX4CHBU9549 End : 1FVAC4FT7NHMZ8201 ☒ Not sequential**Description of Defect :**

Description of the Defect : While sweeping lightweight material such as leaves, pine needles or large amounts of paper, an excess of these materials can build up in front of the sweeping head if the sweeper is not adjusted to allow them to pass into the pick-up area. In such instances, these materials can come in contact with the chassis exhaust system. In such systems with a short tailpipe, the buildup of materials against the exhaust system may lead to a fire.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If lightweight materials accumulate against the exhaust system and are not drawn up into the pick-up area, this poses the risk of a fire.

Description of the Cause : Some of the sweepers in the affected population were manufactured without a 56" extension to the exhaust system tailpipe that was specified for the build of these sweepers.

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name 1 : CNG exhaust tailpipe

Component Description : 56" exhaust tailpipe

Component Part Number : 206B93

Supplier Identification :**Component Manufacturer**

Name : Schwarze Industries Inc.

Address : 1055 Jordan Road
Huntsville Alabama 35811

Country : United States

Chronology :

On October 15, 2021, Schwarze Industries, Inc. ("Schwarze"), a subsidiary of Alamo Group, was notified by a customer of a vehicle fire involving an A-Series CNG sweeper.

On October 28, 2021, Schwarze, with the support of a third-party fire investigator, examined that sweeper.

On November 18, 2021 Schwarze was notified by a dealer of a second vehicle fire involving an A-Series CNG sweeper.

On December 14, 2021, Schwarze inspected that second sweeper.

In the course of its investigation into both events, Schwarze examined manufacturing records for the A-series CNG sweepers.

On December 17, 2021, Alamo Group decided to conduct a voluntary safety recall to install a tailpipe extension to any A-Series CNG sweepers in the affected population that do not have a 56" tailpipe.

As of December 17, 2021, Alamo Group is aware of no warranty claims and no injuries related to this issue. As to field or service reports, as noted above, Schwarze received on October 15, 2021, a customer report of a fire and received on November 18, 2021, a dealer report of a fire.

Description of Remedy :

Description of Remedy Program : Schwarze will provide dealers, free of charge, a kit (No. 206B93) to extend the exhaust tailpipe for all affected vehicles, so that the tailpipe extends the exhaust outlet beyond the backside of the sweeping head.

A local Schwarze-affiliated dealer will install the kit at no cost to the vehicle owner.

In addition, if this issue was identified and remedied on an affected sweeper prior to this campaign, the owner of the sweeper may be eligible for reimbursement of the costs incurred for such remedy.

How Remedy Component Differs from Recalled Component : The remedy adds the missing extension tube to the tailpipe, extending it 56".

Identify How/When Recall Condition was Corrected in Production : No A-Series sweepers have been manufactured between July 1 and December 15, 2021. Schwarze updated drawings and control documents on December 15, 2021. All units manufactured after this date will be fitted with the proper 56" tailpipe and production protocols have been upgraded to better ensure the 56" tailpipe is installed. The addition of this tailpipe extension has been added as a printed line to the sales order, which is used in final inspection, and has been added to Schwarze's CTQ (Critical To Quality) in-process inspection check list.

Recall Schedule :

Description of Recall Schedule : Dealer notification letters sent 12/29/2021 and owner notification letters sent 1/14/2022.

Planned Dealer Notification Date : DEC 29, 2021 - DEC 29, 2021

Planned Owner Notification Date : JAN 14, 2022 - JAN 14, 2022

* NR - Not Reported