

# Part 573 Safety Recall Report

## 22V-664

**Manufacturer Name :** Vermeer Manufacturing Company

**Submission Date :** MAR 06, 2023

**NHTSA Recall No. :** 22V-664

**Manufacturer Recall No. :** VMV0028



### Manufacturer Information :

**Manufacturer Name :** Vermeer Manufacturing Company

**Address :** 1210 VERMEER ROAD EAST  
PO BOX 200 PELLA IA 50219-0200

**Company phone :** 641-628-3141

### Population :

**Number of potentially involved :** 45

**Estimated percentage with defect :** 100 %

### Vehicle Information :

**Vehicle 1 :** 2014-2014 Vac-Tron AIR533SDT

**Vehicle Type :**

**Body Style :**

**Power Train :** NR

**Descriptive Information :** Using various manufacturing documents and drawings, research was conducted to determine the population of vacuum excavator trailers that may experience frame bending or distortion. This frame bending and distortion is unique to the models listed above. 45 units are involved in this campaign.

**Production Dates :** AUG 01, 2013 - JUL 31, 2014

**VIN Range 1 : Begin :** 5HZBF1620ELDE1216 **End :** 5HZBF1628ELHE1329 ☒ Not sequential

**Vehicle 2 :** 2014-2014 Vac-Tron AIR535SDT

**Vehicle Type :**

**Body Style :**

**Power Train :** NR

**Descriptive Information :** Using various manufacturing documents and drawings, research was conducted to determine the population of vacuum excavator trailers that may experience frame bending or distortion. This frame bending and distortion is unique to the models listed above. 45 units are involved in this campaign.

**Production Dates :** AUG 01, 2013 - JUL 31, 2014

**VIN Range 1 : Begin :** 5HZBF1621DLKD1268 **End :** 5HZBF1626ELHE1300 ☒ Not sequential

Vehicle 3 : 2001-2013 Vac-Tron AIR555SDT

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Using various manufacturing documents and drawings, research was conducted to determine the population of vacuum excavator trailers that may experience frame bending or distortion. This frame bending and distortion is unique to the models listed above. 45 units are involved in this campaign.

Production Dates : APR 01, 2001 - JUL 31, 2013

VIN Range 1 : Begin : 5HZBF1628CLHC1305 End : 5HZBF16251LD11398 ☒ Not sequential

Vehicle 4 : 2017-2017 Vac-Tron AIR753SDT

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Using various manufacturing documents and drawings, research was conducted to determine the population of vacuum excavator trailers that may experience frame bending or distortion. This frame bending and distortion is unique to the models listed above. 45 units are involved in this campaign.

Production Dates : AUG 01, 2016 - JUL 31, 2017

VIN Range 1 : Begin : 5HZBF1622GLLG1287 End : 5HZBF1622GLLG1287 ☐ Not sequential

Vehicle 5 : 2020-2020 Vac-Tron AIRSDT

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Using various manufacturing documents and drawings, research was conducted to determine the population of vacuum excavator trailers that may experience frame bending or distortion. This frame bending and distortion is unique to the models listed above. 45 units are involved in this campaign.

Production Dates : AUG 01, 2019 - JUL 01, 2020

VIN Range 1 : Begin : 5HZA192VXKK002006 End : 5HZA192V5LK002027 ☒ Not sequential

Vehicle 6 : 2013-2013 Vac-Tron AIR835SDT

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Using various manufacturing documents and drawings, research was conducted to determine the population of vacuum excavator trailers that may experience frame bending or distortion. This frame bending and distortion is unique to the models listed above. 45 units are involved in this campaign.

Production Dates : AUG 01, 2012 - JUL 31, 2013

VIN Range 1 : Begin : 5HZBF1921DLGD2088 End : 5HZBF1921DLGD2088 ☐ Not sequential

Vehicle 7 : 2010-2013 Vac-Tron AIR855SDT

Vehicle Type :

Body Style :

Power Train : NR

**Descriptive Information :** Using various manufacturing documents and drawings, research was conducted to determine the population of vacuum excavator trailers that may experience frame bending or distortion. This frame bending and distortion is unique to the models listed above. 45 units are involved in this campaign.

**Production Dates :** AUG 01, 2009 - JUL 31, 2013

**VIN Range 1 : Begin :** 5HZBF1921DLAD2008 **End :** 5HZBF1929BLLB2270 ☒ Not sequential

Vehicle 8 : 2017-2019 Vac-Tron AIR873SDT

Vehicle Type :

Body Style :

Power Train : NR

**Descriptive Information :** Using various manufacturing documents and drawings, research was conducted to determine the population of vacuum excavator trailers that may experience frame bending or distortion. This frame bending and distortion is unique to the models listed above. 45 units are involved in this campaign.

**Production Dates :** AUG 01, 2016 - JUL 31, 2019

**VIN Range 1 : Begin :** 5HZBF1920HLCH2141 **End :** 5HZBF1920JLJJ2297 ☒ Not sequential

Vehicle 9 : 2014-2015 Vac-Tron AIR833SDT

Vehicle Type :

Body Style :

Power Train : NR

**Descriptive Information :** Using various manufacturing documents and drawings, research was conducted to determine the population of vacuum excavator trailers that may experience frame bending or distortion. This frame bending and distortion is unique to the models listed above. 45 units are involved in this campaign.

**Production Dates :** AUG 01, 2013 - JUL 31, 2015

**VIN Range 1 : Begin :** 5HZBF1927FLDF2128 **End :** 5HZBF1923ELFE2152 ☒ Not sequential

## Description of Defect :

**Description of the Defect :** Frame bending or distortion can develop in the trailer main frame which can result in loss of stability while towing.

FMVSS 1 : NR

FMVSS 2 : NR

**Description of the Safety Risk :** When towing on public roadways, death or serious injury may result due to the loss of control of the vacuum excavator trailer and towing vehicle. A frame failure may increase the risk of a crash. Property or equipment damage may

also occur.

Description of the Cause : NR

Identification of Any Warning NR  
that can Occur :

### Involved Components :

Component Name 1 : NR

Component Description : NR

Component Part Number : NR

### Supplier Identification :

#### Component Manufacturer

Name : Vac-Tron Equipment, LLC

Address : 7835 Augusta Rd

Piedmont South Carolina 29673

Country : United States

### Chronology :

07/14/22: Engineering team performed testing on unit for another purpose. While testing, frame bending occurred on test unit.

07/25/22: Engineering team performed further testing to investigate observed frame bending.

08/05/22: Meeting to discuss the test results occurred.

08/18/22: Meeting to review engineering analysis comparing test data to engineering calculations.

08/26/2022: Determination was made that a product safety recall campaign will occur.

2/21/2023: Discussion on historical units could have been built with an 8" beam in the trailer. A dealer contacted the factory to discuss issues in trying to install kit. Those units might not need the kit, research was ongoing.

2/27/2023: Determination to update kit and bulletin to have beam measured and notify Vermeer if it measured 8" to be excluded from the kit remedy. Records do not indicate which units were built with 8" inch

beams of the original filing so cannot determine how many are affected from the original serial number range without inspection as each unit comes in to dealerships.

## Description of Remedy :

**Description of Remedy Program :** Vermeer MV Solutions, Inc. will prepare field remedy kits which will include the necessary parts and instructions to resolve the identified issue. These field remedy kits will be made available to authorized Vermeer dealers to install. Upon installation and receipt of field remedy kit warranty claim, dealers will be reimbursed by Vermeer MV Solutions for the associated kits cost and installation labor. Registered machine owners will be notified of the potential safety risk and available field remedy kit by letter according to the product database records maintained by Vermeer Corporation on behalf of Vermeer MV Solutions. Vermeer MV Solutions will reimburse the authorized Vermeer dealer for all parts and labor for product safety recalls no matter the date of installation and regardless of whether the machine's one-year standard limited warranty has expired. Vermeer MV Solutions will reimburse a retail customer/machine owner if the owner provides proof it paid for the identified issue's repair prior to the issuance of the product safety recall. Vermeer Corporation will administer this campaign on behalf of Vermeer MV Solutions, Inc., its subsidiary.

**How Remedy Component Differs from Recalled Component :** NR

**Identify How/When Recall Condition was Corrected in Production :** Units are no longer in production.

## Recall Schedule :

**Description of Recall Schedule :** Dealer notifications will begin 13-October-2022 via publication of service bulletin with sample copy of owner letter, as well as kit instructions, via factory-to-dealer secure website. On same date, reports will be emailed to affected dealers with list of affected machines according to registration ownership located within their area of responsibility. Owner notification letters will be sent by Vermeer Corporation, on behalf of Vermeer MV Solutions, Inc., on 27-October-2022 with translated letters where necessary for their affected units. 09-March-2023 dealer notifications will be sent out. No additional owner notifications.

**Planned Dealer Notification Date :** OCT 13, 2022 - OCT 13, 2022

**Planned Owner Notification Date :** OCT 27, 2022 - OCT 27, 2022

\* NR - Not Reported