

# Part 573 Safety Recall Report

# 21V-916

**Manufacturer Name :** Vermeer Manufacturing Company**Submission Date :** DEC 15, 2021**NHTSA Recall No. :** 21V-916**Manufacturer Recall No. :** VMV0015**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 : 1,054

Estimated percentage with defect : 40 %

**Vehicle Information :**

Vehicle 1 : 2018-2021 McLaughlin VX30

Vehicle Type :

Body Style :

Power Train : NR

**Descriptive Information :** Using various manufacturing documents, research was conducted to determine the population of vacuum excavators affected by incorrect lug nut torque value listed in the operator's and maintenance manual. This incorrect lug nut torque value listed in the operator's and maintenance manual is unique to the 800-gallon tank configuration of the models listed above. 422 units are involved in this campaign.

Production Dates : JUL 31, 2017 - NOV 22, 2021

VIN Range 1 : Begin : 7HWY202F0JG005029 End : 7HWY202FTMG005120  Not sequential

Vehicle 2 : 2018-2021 Vermeer VX30

Vehicle Type :

Body Style :

Power Train : NR

**Descriptive Information :** Using various manufacturing documents, research was conducted to determine the population of vacuum excavators affected by incorrect lug nut torque value listed in the operator's and maintenance manual. This incorrect lug nut torque value listed in the operator's and maintenance manual is unique to the 800-gallon tank configuration of the models listed above. 422 units are involved in this campaign.

Production Dates : JUL 31, 2017 - NOV 22, 2022

Vehicle 3 : 2018-2019 McLaughlin VX30G

Vehicle Type :

Body Style :

Power Train : NR

**Descriptive Information :** Using various manufacturing documents, research was conducted to determine the population of vacuum excavators affected by incorrect lug nut torque value listed in the operator's and maintenance manual. This incorrect lug nut torque value listed in the operator's and maintenance manual is unique to the 800-gallon tank configuration of the models listed above. 422 units are involved in this campaign.

**Production Dates :** JUL 31, 2017 - NOV 22, 2021

**VIN Range 1 : Begin :** 7HW1192J6JG005002 **End :** 7HW1192J1KG005040  Not sequential

Vehicle 4 : 2018-2022 McLaughlin VX50

Vehicle Type :

Body Style :

Power Train : NR

**Descriptive Information :** Using various manufacturing documents, research was conducted to determine the population of vacuum excavators affected by incorrect lug nut torque value listed in the operator's and maintenance manual. This incorrect lug nut torque value listed in the operator's and maintenance manual is unique to the 800-gallon tank configuration of the models listed above. 422 units are involved in this campaign.

**Production Dates :** JUL 31, 2017 - NOV 22, 2021

**VIN Range 1 : Begin :** 7HW4192M5JG005001 **End :** 7HW4212MXLG005559  Not sequential

Vehicle 5 : 2018-2022 Vermeer VX50

Vehicle Type :

Body Style :

Power Train : NR

**Descriptive Information :** Using various manufacturing documents, research was conducted to determine the population of vacuum excavators affected by incorrect lug nut torque value listed in the operator's and maintenance manual. This incorrect lug nut torque value listed in the operator's and maintenance manual is unique to the 800-gallon tank configuration of the models listed above. 422 units are involved in this campaign.

**Production Dates :** JUL 31, 2017 - NOV 22, 2021

**VIN Range 1 : Begin :** 1MV4212MAMG010012 **End :** 1MV4212MVNG010236  Not sequential

**Description of Defect :**

Description of the Defect : Incorrect lug nut torque value was listed in the VX30, VX30G and VX50 operator's and maintenance manuals for affected machines. The lug nut torque listed is a lower value (120 ft-lbs) than recommended by the axle manufacturer (210 ft-lbs). Lug nuts on affected machines were torqued properly in production prior to shipment from manufacturer.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Incorrect lug nut torque may cause wheel lug nuts to loosen. This may increase the risk of wheel loss and the risk of a crash.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

**Involved Components :**

Component Name 1 : VX30\_VX50 ECO50 Manual

Component Description : English operator's manual

Component Part Number : 105400FX2

Component Name 2 : Tethered Manual

Component Description : English tethered operator's manual

Component Part Number : 105400FX3

Component Name 3 : VX30 VX50 ECO50 Manual

Component Description : Spanish operator's manual

Component Part Number : 117000ABU

Component Name 4 : Tethered Manual

Component Description : Spanish tethered operator's manual

Component Part Number : 180035466

## Supplier Identification :

### Component Manufacturer

Name : Vermeer MV Solutions, Inc.  
Address : 7835 Augusta Rd  
Piedmont South Carolina 29673  
Country : United States

## Chronology :

November 9, 2021: Vermeer Corporation received communication from a Vermeer dealer that the VX30, VX30G and VX50 vacuum excavator trailer operator's and maintenance manual contained a possible incorrect lug nut torque value.

November 16, 2021: Vermeer Corporation confirmed the torque value was listed incorrectly for the VX30, VX30G and VX50 vacuum excavator trailer 800-gallon configuration in the operator's and maintenance manual. Determination was made to start product safety recall.

## Description of Remedy :

Description of Remedy Program : Vermeer MV Solutions, Inc. will prepare field remedy kits which will include replacement updated operator's and maintenance manual to resolve the identified issue. These field remedy kits will be ordered by Vermeer dealers. Upon receipt of field remedy kit warranty claim, dealers will be reimbursed by Vermeer MV Solutions for the associated kit's cost. 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 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 : NR

## Recall Schedule :

Description of Recall Schedule : Dealer notifications will begin 06-January-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 20-January-2022 with translated letters where necessary for their affected units.

Planned Dealer Notification Date : JAN 06, 2022 - JAN 06, 2022

Planned Owner Notification Date : JAN 20, 2022 - JAN 20, 2022

\* NR - Not Reported