

Part 573 Safety Recall Report

21V-119

Manufacturer Name : Vermeer Manufacturing Company**Submission Date :** APR 28, 2021**NHTSA Recall No. :** 21V-119**Manufacturer Recall No. :** IK4055**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 : 20

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2021-2021 Vermeer BC900XL

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : Using various manufacturing documents and drawings, as well as personnel records, research was conducted to determine specific time periods for model involved when the mounting bolts, which secure the axle to the mainframe, may not have been properly torqued during the manufacturing process. Those specific time periods were cross-referenced to the build dates and serial number ranges of brush chippers built.

Production Dates : JAN 13, 2021 - FEB 17, 2021

VIN Range 1 : Begin : 1VR712169M1003568 End : 1VR712162M1003587 Not sequential**Description of Defect :**

Description of the Defect : Mounting bolts and nuts are used to secure the axle assembly to the mainframe structure of the brush chipper. Manufacturing drawings require that the mounting bolts be torqued to a specific value. Due to a production line move, impact wrenches were used to tighten the bolts rather than calibrated torque wrenches. As a result, some mounting hardware was under-torqued.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Axle mounting bolts could loosen resulting in damaged or missing hardware and axle separation from the brush chipper. When towing the brush chipper on public roadways, death or serious injury may result due to loss of control of the brush chipper and towing vehicle.

Description of the Cause : Manufacturing personnel used an impact wrench to tighten the mounting bolts/nuts which secure the axle assembly to the mainframe, instead of the required calibrated torque wrench.

Identification of Any Warning that can Occur : (a) Loose axle mounting bolts,
(b) Unstable wheel or axle assembly

Involved Components :

Component Name 1 : NR

Component Description : NR

Component Part Number : NR

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

Feb 18 – Product line alerts Quality Manager to potential process error. Alerts product safety alerted to potential issue.

Feb 19 – PS reviews information and determines a defect is present.

Description of Remedy :

Description of Remedy Program : Vermeer will prepare field remedy kits which will include the necessary parts and instructions to resolve safety issues. These field remedy kits will be provided to authorized Vermeer dealers to install. Upon installation and receipt of field remedy kit warranty claim, dealers will be reimbursed for the parts and labor. 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.

How Remedy Component Differs : Dealers will be instructed to remove one mounting bolts/nuts, install replacement bolt/nut and torque to required torque specification, and

from Recalled Component : repeat until all mounting bolts/nuts have been replaced.

Identify How/When Recall Condition was Corrected in Production : Manufacturing personnel were advised on February 18, 2021, of the issue. Further training and instructions were provided to torque the mounting bolts/nuts to required specification with correct tools.

Recall Schedule :

Description of Recall Schedule : Dealer notification will begin 06-April-2021 by email with list of affected machines in their area of responsibility. Owner notification letters will be sent 20-April-2021 with translated letters where necessary for their affected units.

Planned Dealer Notification Date : APR 06, 2021 - APR 06, 2021

Planned Owner Notification Date : APR 20, 2021 - APR 20, 2021

* NR - Not Reported