

Part 573 Safety Recall Report

24V-505

Manufacturer Name : Vermeer Manufacturing Company

Submission Date : JUL 25, 2024

NHTSA Recall No. : 24V-505

Manufacturer Recall No. : IK4576



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 : 85

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2024-2024 Vermeer BC1200XL

Vehicle Type :

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 the 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.

This axle mounting bolt torque issue is unique to the BC1200XL.

There are 85 units involved in this campaign.

Production Dates : SEP 14, 2023 - JUN 28, 2024

VIN Range 1 : Begin : 1VRD14AD5R1051119 **End :** 1VRD14AD5R1051203 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 change for other model brush chippers manufactured on this line that included welding the axles instead of using torque, 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.

Description of the Cause : NR
Identification of Any Warning NR
that can Occur :

Involved Components :

Component Name 1 : SCREW
Component Description : SCREW-HFS-M16-2.00X90-10.9
Component Part Number : 507614090

Component Name 2 : WASHER
Component Description : WASHER-FLATHARD-M16-17.0X30.0-4.0-D6916
Component Part Number : 508486016

Component Name 3 : NUT
Component Description : NUT-HEX-M16-2.00-10
Component Part Number : 507090016

Component Name 4 : SPACER
Component Description : AXLE SPACER
Component Part Number : 180010172

Component Name 5 : FRAME MOUNT
Component Description : SUPPORT FRAME MOUNT
Component Part Number : 163709837

Component Name 6 : AXLE MOUNT
Component Description : SUPPORT AXLE MOUNT
Component Part Number : 163709835

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

6/24/2024 – Dealer notified EV service department at Vermeer of an axle separating from a new brush chipper while being towed. EV service department then notified product safety department of field report.

6/25/2024 – Vermeer quality team reached out to dealer and requested bolts for analysis.

6/28/2024 Engineering, product safety and quality departments met to discuss analysis and determined a recall must be issued to the field.

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. Vermeer Corporation pays for all parts and labor for product safety recalls regardless of whether the machine is still covered by its one-year standard limited warranty or whether the warranty has expired. Vermeer Corporation will reimburse a retail customer/machine owner when the owner has paid for a repair prior to the product safety alert field campaign. Owner must provide proof of repair. For an owner to obtain reimbursement, owner must inquire with an authorized, independent Vermeer dealer.

How Remedy Component Differs from Recalled Component : Dealers will be instructed to remove mounting bolts/nuts, install replacement bolt/nut and torque to required torque specification, and repeat until all mounting bolts/nuts have been replaced.

Identify How/When Recall Condition was Corrected in Production : Recall condition was corrected in production 06/26/2024. Manufacturing personnel have been advised of the issue. Further training and instructions were provided to torque the bolts to required specification with correct tools.

Recall Schedule :

Description of Recall Schedule : Dealer notification will begin 08/15/2024 by email with list of affected machines in their area of responsibility. Owner notification letters will be sent 08/29/2024 with translated letters where necessary for their affected units.

We will be sending an interim dealer notification on 07/11/2024

Planned Dealer Notification Date : AUG 15, 2024 - AUG 15, 2024

Planned Owner Notification Date : AUG 29, 2024 - AUG 29, 2024

* NR - Not Reported