

# Part 573 Safety Recall Report

# 20V-085

**Manufacturer Name :** Vermeer Manufacturing Company**Submission Date :** FEB 26, 2020**NHTSA Recall No. :** 20V-085**Manufacturer Recall No. :** IK3922**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 : 7,986

Estimated percentage with defect : 26 %

**Vehicle Information :**

Vehicle 1 : 2016-2020 Vermeer BC1000XL

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

**Descriptive Information :** Using various manufacturing documents and drawings, research is being conducted to identify wheel assemblies on single-axle (BC1000XL, BC1200XL, BC1500) and dual-axle (AX19) brush chippers provided by the supplier that did not meet drawing specifications on part number 163647428 and part number 163647345. Those specific time periods will be cross referenced to the build dates and serial number ranges of brush chippers built.

Brush chippers that are not configured with part number 163647428 and part number 163647345 are excluded from this recall.

30,200 total units made of these models.

Production Dates : AUG 01, 2016 - FEB 07, 2020

VIN Range 1 : Begin : 1VRY11197H1023929 End : 1VRY1119XL1031550

 Not sequential

Vehicle 2 : 2016-2020 Vermeer AX19

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

**Descriptive Information :** Using various manufacturing documents and drawings, research is being conducted to identify wheel assemblies on single-axle (BC1000XL, BC1200XL, BC1500) and dual-axle (AX19) brush chippers provided by the supplier that did not meet drawing specifications on part number 163647428 and part number 163647345. Those specific time periods will be cross referenced to the build dates and serial number ranges of brush chippers built.

Brush chippers that are not configured with part number 163647428 and part

number 163647345 are excluded from this recall.

30,200 total units made of these models.

Production Dates : AUG 01, 2016 - FEB 07, 2020

VIN Range 1 : Begin : 1VRL1925XG1000101 End : 1VRL19257L1000342

Not sequential

VIN Range 2 : Begin : 1VRL1925XG1000101 End : 1VRL19257L1000342

Not sequential

Vehicle 3 : 2016-2020 Vermeer BC1500

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

**Descriptive Information :** Using various manufacturing documents and drawings, research is being conducted to identify wheel assemblies on single-axle (BC1000XL, BC1200XL, BC1500) and dual-axle (AX19) brush chippers provided by the supplier that did not meet drawing specifications on part number 163647428 and part number 163647345. Those specific time periods will be cross referenced to the build dates and serial number ranges of brush chippers built.

Brush chippers that are not configured with part number 163647428 and part number 163647345 are excluded from this recall.

30,200 total units made of these models.

Production Dates : AUG 01, 2016 - FEB 07, 2020

VIN Range 1 : Begin : 1VR2181V4H1008316 End : 1VR2181V3L1010020

Not sequential

Vehicle 4 : 2016-2020 Vermeer BC1200XL

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

**Descriptive Information :** Using various manufacturing documents and drawings, research is being conducted to identify wheel assemblies on single-axle (BC1000XL, BC1200XL, BC1500) and dual-axle (AX19) brush chippers provided by the supplier that did not meet drawing specifications on part number 163647428 and part number 163647345. Those specific time periods will be cross referenced to the build dates and serial number ranges of brush chippers built.

Brush chippers that are not configured with part number 163647428 and part number 163647345 are excluded from this recall.

30,200 total units made of these models.

Production Dates : AUG 01, 2016 - FEB 07, 2020

VIN Range 1 : Begin : 1VR7141Y7H1003023 End : 1VR7141YXL1003624

Not sequential

VIN Range 2 : Begin : 1VR7141YXL1004501 End : 1VR7141Y3L1004520

Not sequential

**Description of Defect :**

Description of the Defect : Wheels with incorrect lug nut taper angle were supplied to Vermeer and installed on trailer.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Wheel lug nut may loosen, and loss of wheel may occur while traveling on public highway.

Description of the Cause : NR

Identification of Any Warning that can Occur : Loose or missing lug nuts.

**Supplier Identification :****Component Manufacturer**

Name : Midtown Tire Company

Address : 109 East Oskaloosa St

Pella IOWA 50219

Country : United States

**Chronology :**

10-Jan-2020 - Field report 1 - Dealer reported BC1500 SN 009002 loss of wheel in Australia to Vermeer. Property damage, no personal injuries.

13-Jan-2020 – Engineering started preliminary investigation into failure.

15-Jan-2020 – Engineering notifies Product Safety of field report 1 and begins investigation into supplier issue.

20-Jan-2020 – Contacted supplier via email inquiring about rim specifications, along with a copy of rim drawing.

21-Jan-2020 – Product Safety provides direction to engineering for further investigation.

29-Jan-2020 – Received rims from an Australia dealer who had examples of different rim configurations in their inventory.

30-Jan-2020 – Product Safety and engineering meet to discuss preliminary investigation findings.

03-Feb-2020 – Product Safety and engineering meet with Vice President of Product Development to provide preliminary investigation findings.

05-Feb-2020 – Product Safety and engineering meet to discuss update to preliminary investigation findings.

06-Feb-2020 – Engineering performed shop fit-up test on various chipper axles.

07-Feb-2020 – Field report 2 - Dealer reported BC1500 SN 009319 loss of wheel in Iowa to Vermeer. Property damage, no personal injuries.

11-Feb-2020 – Warranty claim review for reports of wheel loss or loose lug nut report.

## Description of Remedy :

Description of Remedy Program : A field campaign is being initiated to send two interim notices to brush chipper owners.

- Interim notice 1 will be sent to owners of brush chippers manufactured between 01-Aug-2016 to February 7, 2020. Interim notice 1 will include instructions to perform a daily inspection procedure checking for lug nut condition and proper lug nut torque. Vermeer will re-notify brush chipper owners of the repair kit when it is available.
- Interim notice 2 will be sent to owners of brush chipper manufactured between 2011 and 01-Aug-2016 which may have purchased replacement brush chipper wheels after July 2016. The notice will include instructions to check the brush chipper for defective wheels. If a defective wheel is found, owners will be instructed to perform a daily inspection procedure checking for lug nut condition and proper lug nut torque, and to notify Vermeer of their inspection findings. Vermeer will re-notify these brush chipper trailer owners of the repair kit when available. For brush chippers owners that have a non-defective wheel and who notify Vermeer of their inspection findings, Vermeer will issue a Vermeer \$50 USD parts credit certificate.

How Remedy Component Differs from Recalled Component : NR

Identify How/When Recall Condition was Corrected in Production : Production units of the above identified four models of trailers - brush chippers were placed on hold in early February 2020. Wheel inventory is being inspected to identify wheels not to drawing specifications.

## Recall Schedule :

Description of Recall Schedule : Interim notice to owner is being developed for release to owners and dealers by early March 2020.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

\* NR - Not Reported