

Part 573 Safety Recall Report

21V-721

Manufacturer Name : Vermeer Manufacturing Company**Submission Date :** SEP 16, 2021**NHTSA Recall No. :** 21V-721**Manufacturer Recall No. :** VMV0013**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 : 52

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2016-2020 McLaughlin ECO50

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Using various manufacturing documents and drawings, research was conducted to determine the population of vacuum excavators affected by insufficient lighting and marking. This insufficient lighting and marking are unique to the models listed above. 52 units are involved in this campaign.

Production Dates : MAY 16, 2016 - SEP 19, 2019

VIN Range 1 : Begin : 7HWZ170G5KG005007 End : 0000S8H0115182955 Not sequential

Vehicle 2 : 2015-2015 McLaughlin VSK100XT

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Using various manufacturing documents and drawings, research was conducted to determine the population of vacuum excavators affected by insufficient lighting and marking. This insufficient lighting and marking are unique to the models listed above. 52 units are involved in this campaign.

Production Dates : JUL 20, 2015 - JUL 20, 2015

VIN Range 1 : Begin : 0000S5X0720151427 End : 0000S5X0720151427 Not sequential

Vehicle 3 : 2010-2014 McLaughlin VSK800

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Using various manufacturing documents and drawings, research was conducted to determine the population of vacuum excavators affected by insufficient lighting and marking. This insufficient lighting and marking are unique to the models listed above. 52 units are involved in this campaign.

Production Dates : JUN 21, 2010 - JAN 11, 2014

VIN Range 1 : Begin : 00000S8H062110923 **End :** 00000S8H031114423 Not sequential

Vehicle 4 : 2018-2021 McLaughlin ECO75

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Using various manufacturing documents and drawings, research was conducted to determine the population of vacuum excavators affected by insufficient lighting and marking. This insufficient lighting and marking are unique to the models listed above. 52 units are involved in this campaign.

Production Dates : JAN 17, 2018 - JAN 13, 2021

VIN Range 1 : Begin : 7HWB180VXJG000101 **End :** 7HWB170VJMG000136 Not sequential

Vehicle 5 : 2018-2018 McLaughlin VSK30

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Using various manufacturing documents and drawings, research was conducted to determine the population of vacuum excavators affected by insufficient lighting and marking. This insufficient lighting and marking are unique to the models listed above. 52 units are involved in this campaign.

Production Dates : JUL 02, 2018 - JUL 02, 2018

VIN Range 1 : Begin : 7HWY190G6KG000101 **End :** 7HWY190G6KG000101 Not sequential

Vehicle 6 : 2021-2021 Vermeer ECO50

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Using various manufacturing documents and drawings, research was conducted to determine the population of vacuum excavators affected by insufficient lighting and marking. This insufficient lighting and marking are unique to the models listed above. 52 units are involved in this campaign.

Production Dates : JUL 02, 2021 - JUL 09, 2021

VIN Range 1 : Begin : 1MVZ170GAMG010004 **End :** 1MVZ170GLMG010005 Not sequential

Vehicle 7 : 2017-2017 McLaughlin VSK80-800

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Using various manufacturing documents and drawings, research was conducted to determine the population of vacuum excavators affected by insufficient lighting and marking. This insufficient lighting and marking are unique to the models listed above. 52 units are involved in this campaign.

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

VIN Range 1 : Begin : 0000S8H0314172445 End : 0000S8H0610172597 Not sequential

Vehicle 8 : 2017-2017 McLaughlin VSK100XT-500

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Using various manufacturing documents and drawings, research was conducted to determine the population of vacuum excavators affected by insufficient lighting and marking. This insufficient lighting and marking are unique to the models listed above. 52 units are involved in this campaign.

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

VIN Range 1 : Begin : 0000S5X1020162233 End : 0000S5X1020162233 Not sequential

Vehicle 9 : 2016-2016 McLaughlin VSK50-500

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Using various manufacturing documents and drawings, research was conducted to determine the population of vacuum excavators affected by insufficient lighting and marking. This insufficient lighting and marking are unique to the models listed above. 52 units are involved in this campaign.

Production Dates : AUG 01, 2015 - JUL 31, 2016

VIN Range 1 : Begin : 0000S5H0715162061 End : 0000S5H0715162061 Not sequential

Vehicle 10 : 2016-2016 McLaughlin VSK30-500

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Using various manufacturing documents and drawings, research was conducted to determine the population of vacuum excavators affected by insufficient lighting and marking. This insufficient lighting and marking are unique to the models listed above. 52 units are involved in this campaign.

Production Dates : AUG 01, 2015 - JUL 31, 2016

VIN Range 1 : Begin : 0000S5S1003162191 End : 0000S5S1003162193 Not sequential

Vehicle 11 : 2016-2016 McLaughlin F650

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Using various manufacturing documents and drawings, research was conducted to determine the population of vacuum excavators affected by insufficient lighting and marking. This insufficient lighting and marking are unique to the models listed above. 52 units are involved in this campaign.

Production Dates : AUG 01, 2015 - JUL 31, 2016

VIN Range 1 : Begin : 0000S5H1105151632 **End :** 0000S5H1105151632 Not sequential

Vehicle 12 : 2016-2017 McLaughlin VSK80-500

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Using various manufacturing documents and drawings, research was conducted to determine the population of vacuum excavators affected by insufficient lighting and marking. This insufficient lighting and marking are unique to the models listed above. 52 units are involved in this campaign.

Production Dates : AUG 01, 2015 - JUL 31, 2017

VIN Range 1 : Begin : 0000S5H0212161761 **End :** 0000S5H0610172595 Not sequential

Vehicle 13 : 2005-2015 McLaughlin VSK500HD

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Using various manufacturing documents and drawings, research was conducted to determine the population of vacuum excavators affected by insufficient lighting and marking. This insufficient lighting and marking are unique to the models listed above. 52 units are involved in this campaign.

Production Dates : AUG 01, 2004 - JUL 31, 2015

VIN Range 1 : Begin : 00000S5H080612108 **End :** 000000SH102314839 Not sequential

Vehicle 14 : 2005-2012 McLaughlin VSK500AW

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Using various manufacturing documents and drawings, research was conducted to determine the population of vacuum excavators affected by insufficient lighting and marking. This insufficient lighting and marking are unique to the models listed above. 52 units are involved in this campaign.

Production Dates : AUG 01, 2004 - JUL 31, 2012

VIN Range 1 : Begin : 0000S5AW072611529 **End :** 0000S5AW072611529 Not sequential

Vehicle 15 : 2005-2013 McLaughlin VSK500AWXT

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Using various manufacturing documents and drawings, research was conducted to determine the population of vacuum excavators affected by insufficient lighting and marking. This insufficient lighting and marking are unique to the models listed above. 52 units are involved in this campaign.

Production Dates : AUG 01, 2004 - JUL 31, 2013

VIN Range 1 : Begin : 00000S5X011912736 End : 00000S5X022412775 Not sequential

VIN Range 2 : Begin : 000S5XAW120711685 End : 000S5XAW120711685 Not sequential

Vehicle 16 : 2019-2019 McLaughlin ECO75-500

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Using various manufacturing documents and drawings, research was conducted to determine the population of vacuum excavators affected by insufficient lighting and marking. This insufficient lighting and marking are unique to the models listed above. 52 units are involved in this campaign.

Production Dates : AUG 01, 2018 - JUL 31, 2019

VIN Range 1 : Begin : 7HWB170V5LG000116 End : 7HWB170V5LG000116 Not sequential

Description of Defect :

Description of the Defect : The red rear clearance lamps, the red rear reflex reflectors, the red rear side clearance lamps and/or the red rear side reflex reflectors of each unit does not include sufficient marker lamps and reflex reflectors.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : When towing or parking the unit on public roadways, a crash may occur resulting in death or serious injury resulting from a driver(s) of other vehicle (s) not seeing the unit at night or during limited sunlight and strike the unit. To reduce the potential of this occurring, red rear clearance lamps, red rear reflex reflectors, red rear side clearance lamps and/or red rear side reflex reflectors will be added. Property or equipment damage may also occur.

Description of the Cause : Sufficient lighting and marking were not installed during manufacturing for the machines involved in this campaign.

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name 1 : Clearance lamps, reflex reflectors

Component Description : Red rear clearance lamps and reflex reflectors, red rear side clearance lamps and reflex reflectors

Component Part Number : 8097358

Supplier Identification :**Component Manufacturer**

Name : Vermeer MV Solutions, Inc.

Address : 7835 Augusta Rd
Piedmont 29673

Country : NR

Chronology :

On July 2, 2021, a team member of Vermeer MV Solutions identified missing or insufficient marker lamps and reflex reflectors at its facility located in Piedmont, South Carolina.

On July 16, 2021, the potential issue was discussed in an internal team meeting.

On July 22, 2021, the identified issue team including engineering and product support met to assign research tasks.

On July 29, 2021, a progress status meeting occurred.

On August 11, 2021, a progress status meeting occurred.

On September 10, 2021, research was completed, and a status report was provided. A decision was made to begin a field campaign and an internal notification was sent to begin work to issue a field remedy kit.

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 : On the rear and rear side of the vacuum excavator trailer, sufficient red clearance lamps were not installed during manufacturing. On the rear and rear side of the vacuum excavator trailer, sufficient red reflex reflectors were not installed during manufacturing. The remedy kit will include red rear clearance lamps, red rear reflex reflectors, red rear side clearance lamps and/or red rear side reflex reflectors to be installed in identified locations.

Identify How/When Recall Condition was Corrected in Production : Recall condition was corrected in production 9/16/2021.

Recall Schedule :

Description of Recall Schedule : Dealer notifications will begin 28-October-2021 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 11-November-2021 with translated letters where necessary for their affected units.

Planned Dealer Notification Date : OCT 28, 2021 - OCT 28, 2021

Planned Owner Notification Date : NOV 11, 2021 - NOV 11, 2021

* NR - Not Reported