

# Part 573 Safety Recall Report

# 19V-487

**Manufacturer Name :** Charles Machine Works Inc**Submission Date :** JUN 21, 2019**NHTSA Recall No. :** 19V-487**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : Charles Machine Works Inc

Address : 1959 Fir Street

Box 66 Perry OK 73077

Company phone : 580-572-2223

**Population :**

Number of potentially involved : 796

Estimated percentage with defect : 100 %

**Vehicle Information :**

Vehicle 1 : 2018-2019 Ditch Witch VT9

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : The brake wire terminals were crimped improperly resulting in potential failure of the brakes to apply when commanded.

Production Dates : MAY 06, 2018 - JUN 20, 2019

VIN Range 1 : Begin : 1DST522N0K1702301 End : 1DST522N0K1702301  Not sequential

Vehicle 2 : 2018-2019 Ditch Witch VT14

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : The brake wire terminals were crimped improperly resulting in potential failure of the brakes to apply when commanded.

Production Dates : FEB 15, 2018 - JUN 20, 2019

VIN Range 1 : Begin : 1DSB192E8J1703601 End : 1DST522E0K1702931  Not sequentialVIN Range 2 : Begin : 1DSB192E8J1703601 End : 1DST522E0K1702931  Not sequential

Vehicle 3 : 2018-2019 Ditch Witch VT17

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : The brake wire terminals were crimped improperly resulting in potential failure of the brakes to apply when commanded.

Production Dates : NOV 02, 2018 - JUN 20, 2019

VIN Range 1 : Begin : DWPT522SAK0003201 End : 1DST522S3K1703206  Not sequentialVIN Range 2 : Begin : DWPT522SAK0003201 End : 1DST522S3K1703206  Not sequential

Vehicle 4 : 2018-2019 Ditch Witch VT20

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : The brake wire terminals were crimped improperly resulting in potential failure of the brakes to apply when commanded.

Production Dates : AUG 10, 2018 - JUN 20, 2019

VIN Range 1 : Begin : DWPB212LTH0000001 End : 1DST722L8K1701602

Not sequential

VIN Range 2 : Begin : DWPB212LTH0000001 End : 1DST722L8K1701602

Not sequential

Vehicle 5 : 2018-2019 Ditch Witch VT24

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : The brake wire terminals were crimped improperly resulting in potential failure of the brakes to apply when commanded.

Production Dates : NOV 13, 2017 - JUN 20, 2019

VIN Range 1 : Begin : 1DSB212MXJ1702701 End : 1DST722M8K1702130

Not sequential

VIN Range 2 : Begin : 1DSB212MXJ1702701 End : 1DST722M8K1702130

Not sequential

Vehicle 6 : 2019-2019 Ditch Witch VT12

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : The brake wire terminals were crimped improperly resulting in potential failure of the brakes to apply when commanded.

Production Dates : OCT 09, 2018 - JUN 20, 2019

VIN Range 1 : Begin : 1DST522DXK1703401 End : 1DST522D1K1703464

Not sequential

## Description of Defect :

Description of the Defect : The brake wire terminals were crimped improperly.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : The brakes may fail to apply when commanded.

Description of the Cause : improper crimp on brake wire terminal

Identification of Any Warning that can Occur : None

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

Name : Ditch Witch  
Address : 1959 W Fir  
Perry OKLAHOMA 73077  
Country : United States

**Chronology :**

On June 20, 2019 our assembly line discovered an issue with the brakes on a trailer during production testing. Troubleshooting led to the discovery of an improperly crimped wire terminal. Other trailers were inspected and found to have the same crimping issue.

**Description of Remedy :**

Description of Remedy Program : Replace improperly crimped terminals with a machine terminal.  
How Remedy Component Differs from Recalled Component : NR  
Identify How/When Recall Condition was Corrected in Production : The recall condition has been corrected in production immediately by replacing the style of the terminal and crimping tool. The new process is much easier and has much less potential for incorrect crimping.

**Recall Schedule :**

Description of Recall Schedule : Sending a dealer notice and then a customer letter.  
Planned Dealer Notification Date : JUN 26, 2019 - JUN 26, 2019  
Planned Owner Notification Date : JUN 26, 2019 - JUN 26, 2019

\* NR - Not Reported