

# Part 573 Safety Recall Report

# 18V-727

**Manufacturer Name :** Charles Machine Works Inc**Submission Date :** OCT 18, 2018**NHTSA Recall No. :** 18V-727**Manufacturer Recall No. :** ID0502488**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 : 96

Estimated percentage with defect : 100 %

**Vehicle Information :**

Vehicle 1 : 2018-2018 Ditch Witch VT14

Vehicle Type : TRAILERS

Body Style : OTHER

Power Train : NR

**Descriptive Information :** A jib boom is an option on the VT14 trailer. The recall impacts all VT14 trailers with jib booms installed in production from Nov 2017 until the issue was identified in Oct 2018.

Production Dates : NOV 27, 2017 - OCT 04, 2018

VIN Range 1 : Begin : 1DSB192Q8J1703621 End : 1DST522E6K1702822  Not sequential

Vehicle 2 : 2018-2018 Ditch Witch VT20

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

**Descriptive Information :** The jib boom is an option on the VT20. The recall impacts all VT20's with jib booms installed in production from Nov 2017 until the issue was identified in Oct 2018.

Production Dates : NOV 24, 2017 - OCT 04, 2018

VIN Range 1 : Begin : 1DSB212L5H1700002 End : 1DSB212L8J1702476  Not sequential

Vehicle 3 : 2018-2018 Ditch Witch VT24

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

**Descriptive Information :** The jib boom is an option on the VT24. The recall impacts all VT24's with jib booms installed from the start of production in Nov 2017 until the issue was identified in Oct 2018.

Production Dates : NOV 24, 2017 - OCT 04, 2018

VIN Range 1 : Begin : 1DSB212M2J1702725 End : 1DST722M3K1701905  Not sequential

## Description of Defect :

Description of the Defect : The jib boom arm can raise off the latching pin mechanism and swing loose during transport.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : The jib boom arm can swing outside the trailer and strike pedestrians or other vehicles.

Description of the Cause : Manufacturing tolerances in the articulating joint can allow the arm to move more freely than intended. This additional movement can allow the arm the freedom to raise above the latching pin.

Identification of Any Warning that can Occur : NR

## Supplier Identification :

### Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

## Chronology :

A dealer informed us of the potential for the arm to become loose on October 2nd. We investigated and shut down shipments of jib booms on October 4th while a solution was being determined. A solution was approved on October 12th.

## Description of Remedy :

Description of Remedy Program : The latching pin will be replaced with a hook mechanism that goes over the top of the arm, securing it to the trailer structure.

How Remedy Component Differs from Recalled Component : The recall component uses a pull pin to latch the arm. The remedy component has a handle that raises a "hook" up above the arm and secures it to the structure.

Identify How/When Recall Condition was Corrected in Production : The recall condition was corrected on all units in inventory at the manufacturer and to new units on October 12, 2018.

**Recall Schedule :**

Description of Recall Schedule : NR

Planned Dealer Notification Date : OCT 19, 2018 - OCT 19, 2018

Planned Owner Notification Date : OCT 26, 2018 - OCT 26, 2018

\* NR - Not Reported