

Part 573 Safety Recall Report

19V-490

Manufacturer Name : Charles Machine Works Inc**Submission Date :** JUN 25, 2019**NHTSA Recall No. :** 19V-490**Manufacturer Recall No. :** ID0568989**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 : 290

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2018-2018 Ditch Witch VT17

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : We discovered that we had received defective lock nuts from our supplier. These are used to mount the hitch to the trailer. The starting date of the issue is unknown, so we are including all trailers from the start of production through the point where the nuts were changed in production. The required clamping force can only be achieved on the initial install. Subsequent use (e.g., adjusting hitch height) may not achieve proper clamping force or the nuts may no longer lock.

Production Dates : AUG 29, 2018 - AUG 29, 2018

VIN Range 1 : Begin : 1DST522S6K1703202 End : 1DST522S6K1703202 Not sequential

Vehicle 2 : 2018-2019 Ditch Witch VT20

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : We discovered that we had received defective lock nuts from our supplier. These are used to mount the hitch to the trailer. The starting date of the issue is unknown, so we are including all trailers from the start of production through the point where the nuts were changed in production. The required clamping force can only be achieved on the initial install. Subsequent use (e.g., adjusting hitch height) may not achieve proper clamping force or the nuts may no longer lock.

Production Dates : SEP 07, 2017 - JAN 31, 2019

VIN Range 1 : Begin : 1DSB212L5H1700002 End : 1DST722L0K1701545 Not sequential

Vehicle 3 : 2018-2019 Ditch Witch VT24

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : We discovered that we had received defective lock nuts from our supplier. These are used to mount the hitch to the trailer. The starting date of the issue is unknown, so we are including all trailers from the start of production through the point where the nuts were changed in production. The required clamping force can only be achieved on the initial install. Subsequent use (e.g., adjusting hitch height) may not achieve proper clamping force or the nuts may no longer lock.

Production Dates : APR 12, 2018 - JAN 31, 2019

VIN Range 1 : Begin : 1DSB212M3J1702703 End : 1DST722M8K1702001 Not sequential

Description of Defect :

Description of the Defect : The lock nuts that attach the hitch to the trailer may be defective and will not provide sufficient clamping load if the hitch height is adjusted.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : The hitch could eventually come loose from the trailer.

Description of the Cause : Defective lock nut received from vendor.

Identification of Any Warning that can Occur : Loose hitch.

Supplier Identification :

Component Manufacturer

Name : SBS Industries

Address : 1843 North 106th East Avenue
Tulsa OKLAHOMA 74116

Country : United States

Chronology :

January 23, 2019 -- the lock nuts were discovered in production. Inventory was checked and we found a number of defective lock nuts mixed into our inventory. The supplier could not guarantee that the issue was contained to one batch. Testing was conducted over the next few months to determine if these lock nuts could pose a safety risk. The initial clamping load is sufficient.

June 21, 2019 -- Testing results were presented to the safety department and it as determined that subsequent use of the locknut would cause inadequate clamping load and potentially the nut would no longer act as a lock nut.

June 24, 2019 -- the decision to implement a safety recall was made.

Description of Remedy :

Description of Remedy Program : The manufacturer will provide new hardware for each trailer affected. Dealers will install the new hardware per the instructions provided. Reimbursement includes parts, labor and mileage.

How Remedy Component Differs from Recalled Component : NR

Identify How/When Recall Condition was Corrected in Production : The nuts were changed in production on January 23, 2019 when the defective nuts were discovered.

Recall Schedule :

Description of Recall Schedule : Dealer notification will be sent followed by a customer notification. Parts are available now.

Planned Dealer Notification Date : JUN 28, 2019 - JUN 28, 2019

Planned Owner Notification Date : JUN 28, 2019 - JUN 28, 2019

* NR - Not Reported