

Part 573 Safety Recall Report

21V-177

Manufacturer Name : Charles Machine Works, Inc.

Submission Date : MAR 25, 2021

NHTSA Recall No. : 21V-177

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 : 456

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2008-2020 Ditch Witch S4S

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : The trailer is designed specifically for carrying the FX20 vacuum excavator skid. One trailer was inspected in factory inventory by the National Association of Trailer Manufacturers (NATM) in late 2020 and found to not meet the requirements per 49 CFR Part 571.108. Specifically, the trailer in inventory lacked side reflex reflectors or conspicuity tape near the front portion of the trailer. This same model of trailer was previously inspected by the NATM in 2017 and 2019, and found to be compliant both times. CMW has investigated whether this condition was isolated to the inventory unit, and has been unable to rule out that other subject trailers may have been produced and delivered without the required side reflex reflectors. Accordingly, CMW decided that, in an abundance of caution, it would determine the existence of a non-compliance and notify NHTSA.

Because CMW has been unable to identify if and when the required side reflex reflectors were omitted on units that were delivered to customers, CMW will notify dealers and request them to stop sale, until they can inspect all trailers of this model in their inventories for the required reflectors or conspicuity tape and repair as necessary. CMW will also prepare a customer notification and provide it to NHTSA RMD staff for review.

Production Dates : JUN 10, 2008 - APR 20, 2020

VIN Range 1 : Begin : 1DSB141W381702427 **End :** 1DSB321WXL1700326

☐ Not sequential

Vehicle 2 : 2015-2021 Ditch Witch 025-1020

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

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Production Dates : JAN 16, 2015 - FEB 02, 2021

VIN Range 1 : Begin : 1DSB141W1F1701712 **End :** 1DSB321W0W1700322 ☐ Not sequential

Vehicle 3 : 2015-2015 Ditch Witch 745-7900

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : The trailer is designed specifically for carrying the FX20 vacuum excavator skid. One trailer was inspected in factory inventory by the National Association of Trailer Manufacturers (NATM) in late 2020 and found to not meet the requirements per 49 CFR Part 571.108. Specifically, the trailer in inventory lacked side reflex reflectors or conspicuity tape near the front portion of the trailer. This same model of trailer was previously inspected by the NATM in 2017 and 2019, and found to be compliant both times. CMW has investigated whether this condition was isolated to the inventory unit, and has been unable to rule out that other subject trailers may have been produced and delivered without the required side reflex reflectors. Accordingly, CMW decided that, in an abundance of caution, it would determine the existence of a non-compliance and notify NHTSA.

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Production Dates : APR 17, 2015 - APR 17, 2015

VIN Range 1 : Begin : 1DSB141W9F1701733 **End :** 1DSB141W9F1701733

☐ Not sequential

Vehicle 4 : 2009-2019 Ditch Witch ZS6S

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

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Production Dates : MAY 22, 2009 - NOV 20, 2019

VIN Range 1 : Begin : 1DSB141W091700975 **End :** 1DSB321WXL1700312

☐ Not sequential

Vehicle 5 : 2010-2010 Ditch Witch ZS6S-1

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

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Production Dates : JUL 09, 2010 - JUL 09, 2010

VIN Range 1 : Begin : 1DSB141W5A1700961 **End :** 1DSB141W5A1700961 ☐ Not sequential

Description of Noncompliance :

Description of the Noncompliance : The trailer is designed specifically for carrying the FX20 vacuum excavator skid. One trailer was inspected in factory inventory by the National Association of Trailer Manufacturers (NATM) in late 2020 and found to not meet the requirements per 49 CFR Part 571.108. Specifically, the trailer in inventory lacked side reflex reflectors or conspicuity tape near the front portion of the trailer. This same model of trailer was previously inspected by the NATM in 2017 and 2019, and found to be compliant both times. CMW has investigated whether this condition was isolated to the inventory unit, and has been unable to rule out that other subject trailers may have been produced and delivered without the required side reflex reflectors. Accordingly, CMW decided that, in an abundance of caution, it would determine the existence of a non-compliance and notify NHTSA.

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FMVSS 1 : 108 - Lamps, reflective devices, and assoc. Equipment
FMVSS 2 : NR

Description of the Safety Risk : Potential crash hazard due to potentially missing side reflex reflectors.

Description of the Cause : The part was missing from a production unit that was inspected at the end of 2020. Some other units previously manufactured, however, were found to have the part.

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name 1 : AMBER SAE A DOT REFLECTOR

Component Description : reflector (amber)

Component Part Number : 270-8482

Component Name 2 : RED SAE A DOT REFLECTOR

Component Description : reflector (red)

Component Part Number : 270-8483

Supplier Identification :**Component Manufacturer**

Name : NR

Address : NR

NR

Country : NR

Chronology :

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Description of Remedy :

Description of Remedy Program : Dealers and customers to inspect for side reflex reflectors or conspicuity tape near the front portion of the trailer. If not present, dealer will add reflectors.

How Remedy Component Differs from Recalled Component : They are the same component.

Identify How/When Recall Condition was Corrected in Production : The component is included in the bill of materials and has been added to the end of the line inspection checklist, as well as the pre-ship audit checklist.

Recall Schedule :

Description of Recall Schedule : The dealer channel will be notified today. The customer notification letter will be sent once approved by NHTSA staff.

Planned Dealer Notification Date : MAR 17, 2021 - MAR 31, 2021

Planned Owner Notification Date : MAR 31, 2021 - MAR 31, 2021

* NR - Not Reported