

Part 573 Safety Recall Report

21V-463

Manufacturer Name : Trailstar International Inc

Submission Date : JUN 18, 2021

NHTSA Recall No. : 21V-463

Manufacturer Recall No. : NR



Manufacturer Information :

Manufacturer Name : Trailstar International Inc
Address : 20700 Harrisburg-Westville Rd
 Alliance OH 44601
Company phone : 8219900

Population :

Number of potentially involved : 3
Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2017-2019 Trailstar International Dump
Vehicle Type : TRAILERS
Body Style : OTHER
Power Train : NR

Descriptive Information : Dexter determined that axles manufactured by them, and installed and distributed by Trailstar may contain a defect which could affect the safety of people under certain conditions or applications.

The affected axles are models of the Smart-Steer 2.0 self steering axle with a bolt-on steer arm at 8-7/8" tie-rod location, built from May 5, 2017 to December 4, 2019.

Dexter Canada has determined that under heavy loading conditions the bolts attaching the steer arm to the knuckle can potentially shear. If this condition occurs, the steer arm will detach from the knuckle on the affected side and potentially drag along the ground. In some cases the sheared section of the steer arm bolt will dislodge from the steer arm and fall to the ground. At no time will the vehicle become uncontrollable, and the operator will be able to safely operate the vehicle until he and she can secure the axle under the vehicle. The repair must be performed at a Dexter Canada authorized facility and will be at no cost to the owner. Dexter Canada will pay the cost of the prescribed repair. Trailstar had three units/two owners that have been notified about the recall and are both scheduled to have their units remedied.

Production Dates : APR 04, 2018 - DEC 03, 2018

VIN Range 1 : Begin : 4T9DS30C2K1110125 **End :** 4T9DS30C2K1110125

☒ Not sequential

VIN Range 2 : Begin : 4T9DA38DXK1110292 **End :** 4T9DA38D1K1110293

☐ Not sequential

Description of Defect :

Description of the Defect : The affected axles are models of the Smart-Steer 2.0 self steering axle with a bolt-on steer arm at 8-7/8" tie-rod location, built from May 5, 2017 to December 4, 2019. Dexter Canada has determined that under heavy loading conditions the bolts attaching the steer arm to the knuckle can potentially shear. If this condition occurs, the steer arm will detach from the knuckle on the affected side and potentially drag along the ground. In some cases the sheared section of the steer arm bolt will dislodge from the steer arm and fall to the ground. At no time will the vehicle become uncontrollable, and the operator will be able to safely operate the vehicle until he and she can secure the axle under the vehicle.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If this condition occurs, the steer arm will detach from the knuckle on the affected side and potentially drag along the ground. In some cases the sheared section of the steer arm bolt will dislodge from the steer arm and fall to the ground. At no time will the vehicle become uncontrollable, and the operator will be able to safely operate the vehicle until he and she can secure the axle under the vehicle. Dexter determined the defect could affect the safety of people under certain conditions or applications.

Description of the Cause : Under certain heavy loading conditions the bolts attaching the steer arm to the knuckle can potentially shear.

Identification of Any Warning that can Occur : No known warning signs

Involved Components :

Component Name 1 : Smart Steer 2.0

Component Description : Self Steering Axle

Component Part Number : SSA750882-09628N-511IMT23-CAH

Supplier Identification :**Component Manufacturer**

Name : Dexter Trailer Products of Canada

Address : PO Box 308

Ingersoll Foreign States N5C 3K5

Country : Canada

Chronology :

Dexter sent Trailstar an "Important Safety Recall" on May 14, 2021, stating that they were initiating a recall on their Smart Steer 2.0 Self Steer Axle.

Description of Remedy :

Description of Remedy Program : Dexter will:
Perform a visual inspection of the steer arm bolts and washers for mechanical tightness and replace if necessary.
Ensure the steer arm bolts are torqued to 400 Ft. Lbs.
Place welds
Repairs must be performed at a Dexter Canada authorized facility and will be at no cost to the owner. (Dexter Canada will pay the cost of the prescribed repair.)

How Remedy Component Differs from Recalled Component : retorque bolts and weld the component

Identify How/When Recall Condition was Corrected in Production : This is not a standard product used by Trailstar. It was specifically used for these three trailers only.

Recall Schedule :

Description of Recall Schedule : Once we receive the acknowledgement from NHTSA, we will send out a certified letter within a week to the dealers, and within 30 days a certified letter to the owner will be sent.

Planned Dealer Notification Date : JUL 19, 2021 - AUG 19, 2021

Planned Owner Notification Date : AUG 19, 2021 - SEP 19, 2021

* NR - Not Reported