

Part 573 Safety Recall Report

22V-821

Manufacturer Name : Brenner Tank, LLC**Submission Date :** NOV 02, 2022**NHTSA Recall No. :** 22V-821**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : Brenner Tank, LLC

Address : 450 Arlington Avenue

P.O. Box 670 Fond du Lac WI 54936

Company phone : 800-558-8265

Population :

Number of potentially involved : 3

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2020-2020 Brenner Tank, LLC TKLQXDC

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : NR

Descriptive Information : Population determined by Part 573 Safety Recall Report # 22E-080 from Dexter Axle Company.

There are three units affected due to having this axle. No other trailers we manufacture have this affected axle.

Production Dates : APR 02, 2020 - MAY 19, 2020VIN Range 1 : Begin : 10BAAB339LF224923 End : 10BAAB339LF224923 Not sequentialVIN Range 2 : Begin : 10BAAB333MF225079 End : 10BAAB333MF225079 Not sequentialVIN Range 3 : Begin : 10BAAB339MF229458 End : 10BAAB339MF229458 Not sequential**Description of Defect :**

Description of the Defect : Under low speed, high lateral loading events, the steer arm may fracture

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : the fractured steer arm and attached tie rod will fall to the ground causing a risk for separation. There is no loss of control of the unit when this failure occurs.

Description of the Cause : The material strength was not sufficient to withstand the high lateral loads.

Identification of Any Warning that can Occur : Independant casting of steer axle wheels and noise from dragging parts.

Involved Components :

Component Name 1 : Bolt-on Steer Arm

Component Description : bolt-on steer arm that connects the knuckle assembly to the tie rod

Component Part Number : 702887-xx

Supplier Identification :

Component Manufacturer

Name : Dexter Axle Company

Address : 2900 Industrial Parkway East PO Box 250
Elkhart Indiana 46516

Country : United States

Chronology :

After reviewing recent claims with a key customer, a service bulletin was requested to address the customer issues. Upon further investigations and reviews, Dexter Canada conducted an analysis of the failure mode and determined the material was not robust enough to withstand the higher loading events which may occur in this configuration. Re-design activities were initiated to define a steer arm design that will withstand the unique, higher load events based on collected toad load data.

Description of Remedy :

Description of Remedy Program : Service work will include the following steps (per SB015):

1. Remove the existing steer arms and mounting hardware.
2. Clean mounting surface and surrounding surfaces to prepare for mounting of the new bolt-on steer arm and additional welds.
3. Grind a 3/16" chamfer along the mounting face edge (see page three for location & detail).
4. Mount new design steer arms (Part # 703293-LH/RH) with supplied hardware and torque to 400 ft-lbs.
5. Add welds as shown on page three of this bulletin.

How Remedy Component Differs from Recalled Component : New design has a higher strength material and is welded to the steer knuckle.

Identify How/When Recall Condition was Corrected in Production : Implemented a new design with higher strength material as well as an additional weld connecting the arm to the knuckle into production at Dexter Canada on 30-October-2022.

Recall Schedule :

Description of Recall Schedule : There is one dealer that originally purchased these three trailers. That dealer will be notified the week of December 5, 2022. That dealer sold the three trailers to one customer. That customer will be notified the week of December 12, 2022.

Planned Dealer Notification Date : DEC 05, 2022 - DEC 09, 2022

Planned Owner Notification Date : DEC 12, 2022 - DEC 16, 2022

* NR - Not Reported