

Part 573 Safety Recall Report

22V-821

Manufacturer Name : Brenner Tank, LLC**Submission Date :** NOV 04, 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, 2020

VIN 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 : The steering arm may fracture during certain conditions, such as low speed and high side-loading.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : The fractured steer arm and tie rod can separate and fall to the ground, increasing the risk of a crash.

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

Identification of Any Warning that can Occur : Independant castering 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 :

10/26- Received notification letter in my mailbox

10/27-opened letter and reviewed. Letter gave our PO# of the three axles affected in the recall. Started the investigation to determine our part number. Scheduled emergency meeting with our Product Safety Team.

10/28- Held meeting with our Product Safety Team. Vote was to escalate and meet with Product Safety Committee. Scheduled emergency Product Safety Committee meeting.

10/31- Determined the three trailers, vin numbers and customer. I did reach out to Phil Schnurr who is the contact for Dexter in regard to the number of units affected. Our system shows we purchased five axles. Three were built at our Brenner facility and two were built at our Bulk facility. In talking with Phil, they did not send a letter to our Bulk facility as they didn't think they needed to. All five trailers sold to the same customer. Phil said he would support repairs on all five units.

11/1- Held Product Safety Committee meeting. Vote was to proceed with recall process. I started the 573 documents.

11/2- Completed 573 and submitted.

11/4-Received e-mail from Sarah Shiver with necessary changes. Made changes to: chronology, describe the defect and noncompliance verbiage, describe the safety risk (consequence on PDF in e-mail), and resubmitted the 573.

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 bulletin supplied by Dexter Axle.

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