

Part 573 Safety Recall Report

22V-822

Manufacturer Name : Bulk Tank International S. de R.L. de C.**Submission Date :** NOV 02, 2022**NHTSA Recall No. :** 22V-822**Manufacturer Recall No. :** NR**Manufacturer Information :****Population :**

Manufacturer Name : Bulk Tank International S. de R.L. de C.

Number of potentially involved : 2

Address : Carr. QRO-SLP km. 58 Parque Industrial
San Jose Interbide 00 37980

Estimated percentage with defect : 100 %

Company phone : 4191983300

Vehicle Information :

Vehicle 1 : 2020-2020 Bulk Tank International TKLQXSR

Vehicle Type : TRAILERS

Body Style : OTHER

Power Train : NR

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

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

There are two trailers affected.

Production Dates : JAN 10, 2020 - FEB 01, 2020

VIN Range 1 : Begin : 3E1AAB338LS233564 End : 3E1AAB332LS233565 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 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 :

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 two trailers. That dealer will be notified the week of December 5, 2022. That dealer sold the two 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