

Part 573 Safety Recall Report

21V-269

Manufacturer Name : Manac, Inc.**Submission Date :** JUL 12, 2021**NHTSA Recall No. :** 21V-269**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : Manac, Inc.

Address : 2275, 107E RUE
ST-GEORGES, BEAUCE QUEBEC 00
G5Y 8G6

Company phone : 9999

Population :

Number of potentially involved : 11

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2018-2019 Manac Certain models : steel platforms 2018-2019 (10450A140), transfer trailer 2019 (36453C038) square dump trailer 2019 (41336B739)

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : Manac received a notice of safety recall from Dexter Trailer Products of Canada Corporation in connection with defective Dexter Smart-Steer 2.0 self-steer axle with a bolt-on steer arm at 8-7/8 tie-rod location installed or distributed by Manac for trailers manufactured by Manac in St-Georges, Quebec, Canada between June 2, 2017, and February 17, 2020 and sold in the USA.

Production Dates : JUN 02, 2017 - FEB 17, 2020

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : Manac extends a voluntary safety recall campaign involving the Dexter Smart-Steer 2.0 self-steer axle which was machined by Dexter Trailer Products of Canada Corporation. The steer arm setup is prone to shearing the attaching steer arm bolts, leading to a failure in the steer arm assembly.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Under certain 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 therefore increasing the risk of cargo damage or loss, crash, property damage or loss, bodily injury, and death. According to the notice received from Dexter, at no time will the

vehicle become uncontrollable and the operator will be able to safely operate until they can secure the axle under the vehicle.

Description of the Cause : Manac received a notice of safety recall from Dexter Trailer Products of Canada Corporation in connection with defective Dexter Smart-Steer 2.0 self-steer axle with a bolt-on steer arm at 8-7/8" tie-rod location installed or distributed by Manac in St-Georges, Quebec (Canada) between June 2, 2017, and February 17, 2020.

Identification of Any Warning that can Occur : Under certain 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. A visual inspection should be performed frequently until the defect is corrected to identify any sign of shearing or steer arm detachment from the knuckle on the affected side of the axle.

Involved Components :

Component Name 1 : Dexter Smart-Steer 2.0 self-steer axle

Component Description : Dexter Smart-Steer 2.0 self-steer axle with a bolt-on steer arm at 8-7/8" tie-rod

Component Part Number : SSA 750924 / 201-3035

Component Name 2 : Dexter Smart-Steer 2.0 self-steer axle

Component Description : Dexter Smart-Steer 2.0 self-steer axle with a bolt-on steer arm at 8-7/8" tie-rod

Component Part Number : SSA 750882 / 201-3133

Supplier Identification :

Component Manufacturer

Name : Dexter Trailer Products of Canada Corpor

Address : 347 King Street West

Ingersoll, Ontario Foreign States N5C 2K9

Country : Canada

Chronology :

- On March 23, 2021, Manac received a written notice from Dexter advising of a voluntary safety recall campaign involving the Smart-Steer 2.0 Self-Steer Axle. Dexter also sent a list of potentially affected trailers

which would contain the defective component.

- From March 23, 2021, to April 13, 2021, Manac validated the list of affected units provided by Dexter to put together the list of potentially affected trailers which could contain the defective Dexter component.
- On April 13, 2021, Manac determined that a safety recall is warranted for certain of its trailers.

Description of Remedy :

Description of Remedy Program : Manac will coordinate with Dexter to conduct a voluntary safety recall at no charge to the owners. Manac will provide Dexter with a list of affected trailers with owners contact information and will monitor the progress of the recall process with Dexter. The repair, which is outlined in the Service Bulletin SB009R, must be performed at a Dexter Canada authorized facility by a qualified welder and will be at no cost to the owners. Dexter will : i) visually inspect steer arm bolts and washers for mechanical tightness and replace if necessary, ii) ensure the steer arm bolts are torqued to 400 Ft. Lbs. iii) place welds. Until the required repairs are performed, please make sure to inspect your unit(s) for any indication that the bolts attaching the steer arm to the knuckle has shorn or that the steer arm is detaching or has detached from the knuckle on the affected side. In such case, you should not operate your unit and we ask that you communicate immediately with Dexter or Manac to take all measures to proceed with the appropriate repair.

How Remedy Component Differs from Recalled Component : The remedy components will have dual, augmenting welds, connecting the steering arm to the steering knuckle, in accordance with the December 4, 2019 Service Bulletin by Dexter.

Identify How/When Recall Condition was Corrected in Production : The condition was corrected by Dexter in production on Dec 4, 2019.

Recall Schedule :

Description of Recall Schedule : The notice of default will be sent to vehicle owners from June 21th to July 30th

Planned Dealer Notification Date : JUN 21, 2021 - JUL 30, 2021

Planned Owner Notification Date : JUN 21, 2021 - JUL 30, 2021

* NR - Not Reported