

Part 573 Safety Recall Report

21V-747

Manufacturer Name : Carson Trailer, Inc.

Submission Date : AUG 08, 2022

NHTSA Recall No. : 21V-747

Manufacturer Recall No. : Recall3



Manufacturer Information :

Manufacturer Name : Carson Trailer, Inc.

Address : 14831 S. Maple Ave

Gardena CA 90248

Company phone : 999

Population :

Number of potentially involved : 870

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2021-2021 CARSON CARRIERS

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : there is a possibility that the spindle nuts in the trailer axles were insufficiently torqued.

Production Dates : MAY 25, 2021 - JUL 15, 2021

VIN Range 1 : Begin : 4hxbu1622nc223061 End : 4hxbu1628nc223890

☐ Not sequential

Description of Defect :

Description of the Defect : a certain number of spindle nuts were not torqued to prescribed standards

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : axle, tire or wheel failure may affect vehicle stability or increase the risk of a crash.

Description of the Cause : improper torquing of spindle nut

Identification of Any Warning NR
that can Occur :

Involved Components :

Component Name 1 : Spindle Nut

Component Description : Spindle Nut retains the hub assembly in the spindle

Component Part Number : NR

Supplier Identification :

Component Manufacturer

Name : Terran Axle

Address : 1 Westbrook Corporate Center
Westchester Illinois 60154

Country : United States

Chronology :

Terran received two (2) customer complaints (July 13 & 14, 2021 respectively) related to reported wheel vibration in one instance and friction causing smoke to emanate from an axle in another instance on trailers utilizing our axles. Beginning at 7pm on July 14, 2021 Terran initiated a manual quality control review of the available axles in their manufacturing plant. The objective was to identify and manufacturing or assembly issues, with the axles, any safety risks and necessary repairs, replacements or adjustments. They enlisted their internal axle specialists and visually and manually inspected 125 axles to identify any axles that did not meet specification.

After assessment of this data with advice of internal axle specialists, they determined on July 17, 2021 to initiate a notice of repair to their trailer manufacturer and their customers. The email was received that Terran axles required inspection of all axles to determine immediately if the spindle nuts were properly torqued. Terran management prepared written instructions for the necessary spindle nut torqueing along with step-by-step instructional video. On July 21, 2021 Terran management made a formal determination that remedial field action was necessary. Carson Trailer sent recall letters to all customer involved on January 12, 2022.

Description of Remedy :

Description of Remedy Program : For axles that have been in operation on a moving trailer and experience vibration.

How Remedy Component Differs from Recalled Component : Remedy involves torqueing the spindle nut to prescribed standards

Identify How/When Recall Condition was Corrected in Production : Inspect each trailer axle and if spindle nut was insufficiently torqued, the spindle nut was torqued to prescribed standards.

Recall Schedule :

Description of Recall Schedule : no dealers, Carson Trailer will be doing the repairs.

Planned Dealer Notification Date : SEP 30, 2021 - NOV 12, 2021

Planned Owner Notification Date : NOV 12, 2021 - NOV 30, 2021

* NR - Not Reported