

Part 573 Safety Recall Report

19V-364

Manufacturer Name : LDJ Manufacturing, Inc.

Submission Date : JUN 18, 2019

NHTSA Recall No. : 19V-364

Manufacturer Recall No. : NR



Manufacturer Information :

Manufacturer Name : LDJ Manufacturing, Inc.

Address : 1833 IA-163

Pella IA 50219

Company phone : 620-4034

Population :

Number of potentially involved : 62

Estimated percentage with defect : 8 %

Vehicle Information :

Vehicle 1 : 2019-2019 Thundercreek SLT 460, SLT 660, SLT 880, MTT 690, MTT 920 FST 750, FST 990, EV 990

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : LDJ Manufacturing, Inc. identified the tire rim and lug nut issue when a dealer informed LDJ a wheel came off of a trailer using these components on May 3, 2019. Once LDJ became aware of the potential defect, LDJ began an internal investigation to determine the cause of the potential defect. LDJ reached out to their tire supplier and the rim manufacturer to inform them of the issue and to ensure that LDJ had been installing the tire rims and lug nuts using the directions and torque specs recommended by the rim manufacturer Sendel Wheels. Sendel initially asserted that LDJ was not using lug nuts specified for these tire rims. However, when LDJ obtained and tried to use the piloted lug nuts Sendel suggested, they wouldn't fit into the tire rim. LDJ followed up with Sendel again and Sendel confirmed that the lug nuts LDJ had been using on these rims were to their recommended specifications. LDJ also confirmed that it had been tightening the lug nuts to the torque recommended by Sendel by examining the manufacturing sign off sheets for trailers which experienced this issue. LDJ has also reached out to their axle provider to confirm that the axel studs where the tire is mounted are the correct size and had the correct treading for these rims and lug nuts. LDJ is still in the process of confirming that these safety issues are caused by first-end users failing to retorque and tighten their lug nuts per instructions and in manual and not due to a manufacturing defect, improper parts, or assembly error. The instructions in the owner's manual in the Initial Set-up and Adjustment Section it states: For proper performance, all new trailer axles should have the following checked at the specified intervals: 1. Check the tightness of the wheel lug nuts after 100 miles of travel. Tighten the lug nuts to 110 ft. lbs. and under the maintenance schedule of the owner's manual it states: NOTE: Whenever wheels are removed and installed, check wheel torque after 100 miles.

Production Dates : MAR 08, 2019 - MAY 03, 2019

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Description of Defect :

Description of the Defect : On certain trailers, lug nuts may not stay tightened to the tire rim.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : The lug nuts can loosen from the tire rim which can cause the tire to come off the trailer without warning. If repairs are not made, the issue can cause a crash without warning. LDJ Manufacturing, Inc. recommends that owners not operate the trailer until the necessary repair has been performed.

Description of the Cause : LDJ believes that this issue could be caused by first-end users failing to check their tires after the first 100 miles of using the trailer per instructions in the owner's manual. LDJ is still in the process of confirming that these safety issues were caused by first-end users failing to re-torque and tighten their lug nuts per instructions in manual and not due to a manufacturing defect, improper parts, or assembly error.

Identification of Any Warning that can Occur : NR

Supplier Identification :**Component Manufacturer**

Name : NR

Address : NR

NR

Country : NR

Chronology :

NR

Description of Remedy :

Description of Remedy Program : :LDJ has initiated a recall where LDJ dealers will inspect and repair the lug nuts on wheels of trailers within the recall population. LDJ dealers will inspect the lug nuts on the tires of these trailers to ensure that the lug nuts have been properly torqued to the manufacturers specifications. If necessary, the dealer will repair the impacted trailers by re-tightening the lug nuts in the pattern sequence shown in the service bulletin and dealers will ensure that the lug nuts have properly set to the tire rim. LDJ estimates the inspect and repair time potentially impacted trailers to be .5 hrs and LDJ will cover the cost of these inspections and repairs at no cost to the customer. LDJ has sent owner notification letters to trailers within the recall population providing instructions about the defect, where to have the defect repaired, and informing them that the defect will be repaired at no cost to the owner of the trailers.

How Remedy Component Differs from Recalled Component : NR

Identify How/When Recall Condition was Corrected in Production : Once the dealer contacted LDJ to inform them of the potential defect, LDJ began an internal investigation to determine the cause of the potential defect. Once LDJ became aware of the potential defect, they immediately stopped using these tire rims in production until the cause of the potential defect could be determined and the appropriate remedial measures taken if necessary.

Recall Schedule :

Description of Recall Schedule : LDJ has initiated a recall and send out Owner Notification Letters on May 21, 2019 and Dealer Notification Letters/Service Bulletins on May 17, 2019 identifying the defect, repair instructions, and reimbursement instructions related to warranty repair work to trailers impacted by this recall within 60 days of becoming aware of the potential defect.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

* NR - Not Reported