

Part 573 Safety Recall Report

17V-248

Manufacturer Name : PROLine Products LLC**Submission Date :** APR 10, 2017**NHTSA Recall No. :** 17V-248**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : PROLine Products LLC

Address : 34 Industrial Way

Milton NH 03851

Company phone : 603-652-7337

Population :

Number of potentially involved : 54

Estimated percentage with defect : 98 %

Vehicle Information :

Vehicle 1 : 2016-2017 PROLine Products LLC Enclosed Cargo Trailers

Vehicle Type : TRAILERS

Body Style : ALL

Power Train : NR

Descriptive Information : The product consists of certain enclosed cargo trailers that had acorn style wheel nuts installed on 3500# galvanized Dexter Torflex axles. Only trailers with these wheel nuts on these particular axles installed by PROLine Products LLC are affected by this recall.

Production Dates : JUN 06, 2016 - APR 06, 2017

VIN Range 1 : Begin : 1P9BE1614GM489298 End : 1P9BE2017GM489357 Not sequentialVIN Range 2 : Begin : 1P9BE2016HM489044 End : 1P9BE2127HM489089 Not sequentialVIN Range 3 : Begin : 1P9BE1621HM489141 End : 1P9BE2027HM489224 Not sequential

Description of Defect :

Description of the Defect : The acorn style wheel nuts PROLine Products LLC installed on these trailers were of an inadequate length and could make the stud bottom out the wheel nut before proper securement of the wheel to the hub is made.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the wheel nuts are not keeping the wheel tight to the hub the wheel could wobble while underway, loosening the wheel nuts, and the wheel could separate from the trailer leading to an increased risk of property damage and/or vehicle crash.

Description of the Cause : The 3500# galvanized Dexter axles PROLine Products LLC received and installed on some trailers had wheel studs that were longer than had been shipped previously on steel axles. The new wheel studs measure 1.5" in length whereas 1.25" was typical.

Identification of Any Warning that can Occur : Missing or loose lug nuts.
Wobble in the wheel could be felt as vibration in the trailer.

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : United States

Chronology :

Since June of 2016 PROLine Products LLC has offered an optional upgrade to galvanized Dexter axles on all models of enclosed cargo trailers. On April 6, 2017 a customer who had recently picked up his trailer called to notify PROLine Products that there was a small gap between three of his wheel nuts and one wheel but he couldn't tighten his wheel nuts enough to make contact with the galvanized wheel. He did note that when he picked up his trailer his wheel nuts were tight to the wheel. Upon further investigation of his claim it was discovered the wheel studs on the 3500# galvanized axles from Dexter Axle measure 1.5" long compared to 1.25" long for their steel axles. The acorn wheel nut used by PROLine Products LLC on wheels sized 12" to 15" are 1.45" tall (outside dimension). Due to how thin the galvanized steel wheels are this longer stud length can bottom out the acorn wheel nut before it can fully tighten down on the wheel studs.

This scenario could cause the wheels to wobble and possibly loosen the wheel nuts while underway. If this were to happen it's possible for what was thought to be a wheel with properly torqued lug nuts to separate from the trailer while in motion. Trailers equipped with optional aluminum wheels are unaffected by this as the aluminum wheel is thicker and allows for proper tightening of the wheel nut without bottoming out. Those trailers equipped with aluminum wheels will be included in the recall as many are equipped with a galvanized wheel for a spare. No injuries, crashes, or fatalities have resulted from this problem.

Description of Remedy :

Description of Remedy Program : PROLine Product's LLC will furnish new acorn wheel nuts to all affected trailer customers. PROLine Products LLC has all necessary contact information of original purchasers of the affected trailers and owners will be encouraged to contact PROLine Products LLC to arrange for free installation of the new wheel nuts. In the event that owner has already remedied the situation prior to the recall notice PROLine Products LLC will reimburse owners upon presentation of an itemized bill.

How Remedy Component Differs from Recalled Component : The new acorn wheel nuts that will be installed to remedy the situation are .43" longer which will allow the wheel nut to be properly torqued to the wheel stud without risk of it bottoming out on all styles of wheels.

Identify How/When Recall Condition was Corrected in Production : As of April 7, 2017 PROLine Products LLC stopped installing the 1.45" acorn wheel nut (part 1004+) on 3500# galvanized Dexter axles. New, longer wheel nuts (part 1004L+) were acquired that have a 1.88" length which allow the wheel nuts to be tightened without the risk of bottoming out.

Recall Schedule :

Description of Recall Schedule : PROLine Products LLC intends to have all affected customers notified by May 1, 2017.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : APR 17, 2017 - MAY 01, 2017

* NR - Not Reported