

Part 573 Safety Recall Report

21V-061

Manufacturer Name : PJ Trailers**Submission Date :** FEB 23, 2021**NHTSA Recall No. :** 21V-061**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : PJ Trailers

Address : 1807 FM 2352

Sumner TX 75486

Company phone : 999

Population :

Number of potentially involved : 373

Estimated percentage with defect : 38 %

Vehicle Information :

Vehicle 1 : 2021-2021 PJ Trailers C4, C5, U8, UL, U6, UC

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : Dexter Axle reported two (2) lots of 140 suspect axles after 2 D35 Idler Axles were identified in PJ Warranty Claims for missing inner bearings. The two (2) lots of 140 D35 Idler Axles was received in the PJ Mexico facility on 12/11/20. Trailer models manufactured in the PJ Mexico facility from 12/11/20 to 02/03/21, that required the D35 Idler Axle, were identified and are either a U6, UC, U8, UL, C5 or C4 model. There were 426 trailers identified by VIN that have this type of axle that were manufactured on or after the date the two (2) lots of 140 were received.

Production Dates : DEC 11, 2020 - FEB 03, 2021

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Description of Defect :

Description of the Defect : A list of trailers manufactured from 12/11/20 up to 02/03/21 was obtained from the Mexico PJ facility. Documented traceability from the trailer VIN to the Axle lot number does not exist at PJ Mexico therefore the trailer production date range covering all trailers manufactured at PJ Mexico from the date the suspect axle lots of 140 was received through the date we were notified by Dexter Axle about their concerns. The trailers will have to be inspected for the affected D35 Idler Axle lot numbers. The trailer VIN list included where the trailers were shipped from PJ Mexico. All trailers were either sent to PJ Texas or direct to dealers per that list.

The list was filtered for trailers shipped to PJ Texas and this list was cross-referenced with the finished goods inventory at PJ Texas to determine if these trailers were still in finished goods at Sumner, TX. Dexter Axle wanted to find an axle from the suspect lot to inspect it for the missing inner bearing. Of the 426 trailers shipped from Mexico, 53 were showing in PJ Texas finished goods inventory. Forty (40) of those fifty-three (53) trailers were inspected on Sunday, 1/31/21 for presence of the suspect axle lot by a Dexter Axle representative. None of the trailers were found to have the axle lot in question.

Based on information Dexter provided and the investigation into the axle lot, PJ Trailers decided to initiate a recall on Tuesday, 2/2/21.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Without the inner bearing, the wheel/tire will “wobble”. When a trailer with an axle missing the inner bearing is parked, the wheel/tire will not stay perpendicular to the axle and will lean in at the top or the bottom of the wheel/tire. If the trailer is driven, the tire will “wobble” and vibration will occur. This will be very noticeable by the driver of the towing vehicle, however, if the trailer continues to be driven, the outer bearing will wear out and fail which will then increase the pressure on the spindle of the axle and could eventually cause the nut to release. The hub and tire would then separate from the axle.

Description of the Cause : Inner bearing was not assembled into hub subassembly by Dexter Axle; the inner bearing was missing from the subassembly.

Identification of Any Warning that can Occur : When a trailer with an axle missing the inner bearing is parked, the wheel/tire will not stay perpendicular to the axle and will lean in at the top or the bottom of the wheel/tire. If the trailer is driven, the tire will “wobble” and vibration will occur. This will be very noticeable by the driver of the towing vehicle.

Involved Components :

Component Name 1 : D35 Idler Axle Subassemblies

Component Description : Hub subassembly comprised of the inner bearing, inner seal & grease/lubricant that is pressed (based on a friction fit) into the hub

Component Part Number : D35 Idler Axle Hub Subassembly P/N 008-256-02;

Supplier Identification :

Component Manufacturer

Name : Dexter Axle

Address : 301 North Kennedy
Shawnee Oklahoma 74801

Country : United States

Chronology :

Dexter notified PJ Trailers on Friday, 1/29/21 after 2 warranty claims were submitted to PJ Trailers for missing inner bearings from the same lot number.

Dexter Axle requested that PJ Trailers identify where the axles were located and if they had been used in manufacturing at Mexico since delivery 12/11/20. PJ Trailer personnel identified that all axles from the lots in question had been used in manufacturing.

Dexter Axle then requested that PJ Trailers locate as many trailers as possible so that they could investigate the lot further. PJ Trailers identified 53 trailers at our Sumner, TX PJ facility in finished goods. Dexter Axle traveled to that PJ facility on Sunday, 1/31/21 and inspected 40 of the 52 trailers for presence of the axle lot in question. None of the trailers had the axle lot in question.

On Monday, 2/1/21 Dexter Axle requested that PJ Trailers locate trailers that our dealers may still have on their lots so they could investigate further. On Tuesday, 2/2/21, PJ Trailers decided to initiate a recall based on information gathered from Dexter Axle during the investigation and inspections at PJ Trailers.

On Tuesday, 2/2/21 PJ Trailers requested that Dexter Axles investigate other axle lots that may have been compromised by this hub subassembly defect of missing inner bearings.

On Thursday, 2/4/21 Dexter Axle contacted PJ Trailers regarding an additional lot of 40 D35 Idler Axles that used the same hub subassembly and had been delivered to PJ Mexico on 12/11/20. No axles from this additional lot were found in Mexico and therefore had been used in trailer manufacturing already.

A list of trailer VINs manufactured between 12/11/20 and 2/3/21 was obtained and placed on hold awaiting

inspection for suspect axle lots on each trailer.

Description of Remedy :

Description of Remedy Program : Remedy kits, which will include a replacement Idler Axle, Hub subassembly, washers and dust covers will be sent to dealers based on the number of trailers in their inventory that fail the wobble test. The dealers will be reimbursed on the estimated time it will take for each repair upon submission of proof of remedy to PJ Trailers.

How Remedy Component Differs from Recalled Component : D35 Idle Axle Lot numbers. Axles that have been replaced will not have either of these Lot numbers: 622463901 and 622463906.

Identify How/When Recall Condition was Corrected in Production : All axles were used in production from the 2 lot numbers in question.

Recall Schedule :

Description of Recall Schedule : Notification of dealers will begin as soon as practicable after NHTSA assigns a recall number. Notification to retail purchasers and registered owners will begin as soon as they are identified, and NHTSA approves the notice.

Planned Dealer Notification Date : FEB 26, 2021 - MAR 09, 2021

Planned Owner Notification Date : MAR 24, 2021 - APR 09, 2021

* NR - Not Reported