

# Part 573 Safety Recall Report

# 24V-043

**Manufacturer Name :** PACCAR Incorporated**Submission Date :** JAN 25, 2024**NHTSA Recall No. :** 24V-043**Manufacturer Recall No. :** 24PBB & 24KWB**Manufacturer Information :**

Manufacturer Name : PACCAR Incorporated

Address : 777 106TH AVENUE NORTHEAST

BELLEVUE WA 98004

Company phone : 940 591 4220

**Population :**

Number of potentially involved : 48

Estimated percentage with defect : 95 %

**Vehicle Information :**

Vehicle 1 : 2024-2024 Peterbilt 389

Vehicle Type : BUSES, MEDIUM &amp; HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : List provided by Hendrickson of effected EXS20 axles.

Production Dates : SEP 27, 2023 - OCT 30, 2023

VIN Range 1 : Begin : 1NPXX4EX1RD6850 End : 3BPDXKTX8RF118877  Not sequential

Vehicle 2 : 2024-2024 Peterbilt 567

Vehicle Type : BUSES, MEDIUM &amp; HEAVY VEHICLES

Body Style :

Power Train : DIESEL

Descriptive Information : List provided by Hendrickson of effected EXS20 axles.

Production Dates : SEP 25, 2023 - OCT 11, 2023

VIN Range 1 : Begin : 1NPCX4EX0RD689185 End : 1NPXC4EX9RD689184  Not sequential

Vehicle 3 : 2024-2024 Peterbilt 520

Vehicle Type : BUSES, MEDIUM &amp; HEAVY VEHICLES

Body Style :

Power Train : DIESEL

Descriptive Information : List provided by Hendrickson of effected EXS20 axles.

Production Dates : OCT 03, 2023 - NOV 09, 2023

VIN Range 1 : Begin : 3BPDX20X0RF118280 End : 3BPDXKTX8RF118877  Not sequential

Vehicle 4 : 2024-2024 Kenworth T880

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : DIESEL

Descriptive Information : List provided by Hendrickson of effected EXS20 axles.

Production Dates : OCT 13, 2023 - NOV 03, 2023

VIN Range 1 : Begin : 1NKZX4TX2RJ375803 End : 1NKZXPTX4RJ373214  Not sequential

## Description of Defect :

Description of the Defect : The above-referenced bearing journals may not be fully seated to the backbones of the left and right-side steering knuckle assembly components in order for the wheel end hub assemblies to be properly installed.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : In some cases, the above-referenced condition may cause a loss of oil lubricant from the wheel end hub assemblies. Over an extended period of operation, use of the lift axle suspension assemblies in this condition can result in (1) the respective axle spindles become loose from the steering knuckle assemblies or otherwise fracture and/or (2) wheel end hub damage. This can further result in foreign object debris on the roadway, increasing the risk of a crash and/or injury. Hendrickson has not received any field reports of any such occurrences or any associated accidents.

Description of the Cause : Hendrickson identified excessive wear on the tooling used to install the journal rings and inadequate quality measurements performed after such installations.

Identification of Any Warning that can Occur : Potential signs of oil lubricant leaking from the wheel end hub assemblies

## Involved Components :

Component Name 1 : Compositite EXS20

Component Description : 20,000 lb. rated capacity aux axle

Component Part Number : Multiple Part No's.

## Supplier Identification :

**Component Manufacturer**

Name : Hendrickson  
Address : 2021 Parkside Drive  
Schaumburg Illinois 60173  
Country : United States

## Chronology :

Dec 15, 2023: Hendrickson sent NHTSA filing to PACCAR Safety and Compliance.

Dec 25, 2023: Safety and Compliance gathering location of affected population.

Jan 8, 2023: S&C finished gathering information of chassis list provided by Hendrickson.

Jan 9, 2023: S&C reached out to Hendrickson for further information.

Jan 12, 2023: S&C received requested additional information from Hendrickson.

Jan 18, 2023: Final list completed of reworked chassis by Hendrickson. PACCAR Safety Committee meeting held and conclusion was to concur with Hendrickson's decision to recall.

As of 1-18-24, PACCAR received 0 warranty claims and 0 report(s) about trucks in the field that may be related between September 2023 and January 2024. 0 reports of deaths or injuries have been received.

## Description of Remedy :

Description of Remedy Program : PACCAR will notify owners, and dealers will remedy vehicles, if Hendrickson has not already corrected their vehicle ahead of time, free of charge. Owners who incurred costs to obtain a remedy for the problem addressed in the recall in advance of receiving notification may seek reimbursement through the process outlined in the general reimbursement plan on file.

How Remedy Component Differs from Recalled Component : The replacement steering knuckle assemblies will include journal rings that are fully seated into the knuckle backbones.

**Identify How/When Recall Condition was Corrected in Production :**

Hendrickson identified root causes of subject condition included a worn/damaged die used to install the subject bearing journals. Hendrickson changed out the die to install the subject bearing journals, inspected and contained all applicable steering knuckle assembly components and completed lift axle suspension assemblies within Hendrickson's inventory and not yet shipped to customers, and implemented an enhanced quality assurance inspection procedure and revised installation press maintenance protocol. Hendrickson implemented controller program revision for the installation press to ensure machine cycles are manufacturing line process audit protocol with respect to new training guide and new quality control plan. A new permanent replacement die was installed and a new gauge system is planned for the bearing journal installation press work center.

**Recall Schedule :**

Description of Recall Schedule : Customers will be notified within 60 days.

Planned Dealer Notification Date : MAR 25, 2024 - MAR 25, 2024

Planned Owner Notification Date : MAR 25, 2024 - MAR 25, 2024

\* NR - Not Reported