

Part 573 Safety Recall Report

24V-044

Manufacturer Name : PACCAR Incorporated**Submission Date :** MAR 13, 2024**NHTSA Recall No. :** 24V-044**Manufacturer Recall No. :** 24PBC, 24KWC**Manufacturer Information :****Population :**

Manufacturer Name : PACCAR Incorporated

Number of potentially involved : 45,887

Address : 777 106TH AVENUE NORTHEAST

Estimated percentage with defect : 1 %

BELLEVUE WA 98004

Company phone : 940 591 4220

Vehicle Information :

Vehicle 1 : 2024-2025 Peterbilt 389,520,535,536,537,548,567,579,589

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : ALL

Power Train : DIESEL

Descriptive Information : Steering gear serial numbers from Sheppard that had re-work done that could result in incorrect recirculating ball assembly was compared to list of chassis built at Paccar plants that could have been built with a suspect steering gear.

Production Dates : MAR 01, 2023 - JAN 18, 2024

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2024-2025 Kenworth T280,T380,T480,T680,L770,T880,W990

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : ALL

Power Train : DIESEL

Descriptive Information : Steering gear serial numbers from Sheppard that had re-work done that could result in incorrect recirculating ball assembly was compared to list of chassis built at Paccar plants that could have been built with a suspect steering gear.

Production Dates : MAR 01, 2023 - JAN 18, 2024

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : Certain steering gears may have been assembled with fewer than the required number of recirculating balls which can lead to a fracture in the steering gear worm-shaft and loss of vehicle steering.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : A steering gear with fewer than the required number of recirculating balls may bind when loads are applied. In some cases the balls may align on the same side of the gear's worm-shaft and concentrated loads may cause the gear's internal parts to fracture resulting in loss of vehicle steering. Loss of steering increases the likelihood of a crash.

Description of the Cause : Incorrect re-work may have allowed steering gear to be assembled with fewer than the required number of recirculating balls.

Identification of Any Warning that can Occur : No audible or visible warning is available.

Involved Components :

Component Name 1 : Steering Gear

Component Description : Steering Gear Assembly

Component Part Number : HD94PCB31, HD94PN32, HD94PP32, J87-6020, J87-6024, J87-6027, J87-6037-001, J87-6038-001, J87-6039*,

Component Name 2 : Steering Gear

Component Description : Steering Gear Assembly

Component Part Number : J87-6043*, J87-6045-001, M100PLT31, M100PRZ32, M100PRZ33, M100PVK3B1, M100PVL3B1, M110PKE3,

Component Name 3 : Steering Gear

Component Description : Steering Gear Assembly

Component Part Number : SD110PD32, SD110PD33

Supplier Identification :

Component Manufacturer

Name : R.H. Sheppard

Address : 101 Philadelphia Street
Hanover Pennsylvania 17331-0877

Country : United States

Chronology :

12/18/23 – Sheppard contacted PACCAR Safety & Compliance to inform they filed an equipment recall for 128 suspect steering gears sent to PACCAR.

02/29/2024 - Population reduced by 1321 chassis that should have been reported to Transport Canada instead of NHTSA

12/19/23 – Began inspection at all affected production plants.

01/05/23 – Warranty search completed.

01/18/24 – Joint Safety Committee determined that a safety related defect does exist. (Dave Stevens delegate for Bryan Sitko)

As of 01/18/24, Paccar received 0 warranty claims and 0 reports about 0 trucks in the field that may be related. 0 reports of deaths or injuries have been received.

Description of Remedy :

Description of Remedy Program : PACCAR will notify owners, and dealers will inspect steering gears for suspect serial numbers and replace 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 only way to distinguish a recalled gear and a remedy component is by checking the steering gear serial number.

Identify How/When Recall Condition was Corrected in Production : Controls on lockout timer were corrected to ensure any steering gear that is in the ball drop station too long has to remove all recirculating balls and do a new ball drop.

Recall Schedule :

Description of Recall Schedule : Notifications will be sent 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