

Part 573 Safety Recall Report

25V-182

Manufacturer Name : PACCAR Incorporated**Submission Date :** MAR 24, 2025**NHTSA Recall No. :** 25V-182**Manufacturer Recall No. :** 25KWD & 25PBD**Manufacturer Information :**

Manufacturer Name : PACCAR Incorporated

Address : 777 106th Avenue Northeast
Bellevue WA 98004

Company phone : 940 591 4220

Population :

Number of potentially involved : 42

Estimated percentage with defect : 4 %

Vehicle Information :

Vehicle 1 : 2024-2025 Peterbilt Model 220

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : ALL

Power Train : HYBRID ELECTRIC

Descriptive Information : Kenworth and Peterbilt trucks with Dana Cradle Harness containing C40 connector with suspect serial numbers. List provided from Dana.

Recalled product has female terminals in its C40 connector that are slightly open.

13 of the 42 are Model 220.

Production Dates : DEC 16, 2022 - OCT 16, 2023

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 2 : 2024-2025 Kenworth K270/K370

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : ALL

Power Train : HYBRID ELECTRIC

Descriptive Information : Kenworth and Peterbilt trucks with Dana Cradle Harness containing C40 connector with suspect serial numbers. List provided from Dana.

Recalled product has female terminals in its C40 connector that are slightly open.

29 of the 42 are K270/K370.

Production Dates : DEC 19, 2022 - FEB 08, 2024

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Description of Defect :

Description of the Defect : Certain Medium Duty Battery Electric Vehicles (MD BEV) may experience intermittent continuity in one or more terminal pins of the C40 connector on the cradle harness, which could potentially result in a loss of propulsion.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Intermittent connections in the C40 connector may result in a loss of propulsion, which may increase the risk of a crash.

Description of the Cause : Spread terminals (gap in the terminal pin). A key cycle does not resolve the issue.

Identification of Any Warning that can Occur : None.

Involved Components :

Component Name 1 : LFNA PH2 Cradle Harness

Component Description : LFNA PH2 Cradle Harness

Component Part Number : 1775-126-00

Supplier Identification :**Component Manufacturer**

Name : Dana Incorporated

Address : 3939 Technology Drive
Maumee Ohio 43537

Country : United States

Chronology :

07-30-24: Safety and compliance notified. Investigation opened.

07-31-24: Amphenol representatives on site at Dana Mexico facility are segregating defective harnesses.

08-07-24: Clean point was requested from the supplier.

09-05-24: Dana provided an update for potential root causes and actions.

10-03-24: Dana shared warranty claims.

10-17-24: Dana shared clean point.

10-30-24: A follow up meeting was held with Dana to gain clarity of potential effects and root cause.

11-08-24: Dana provided additional explanation of the connector's function and claim rates.

12-04-24: A follow up meeting was held with Dana.

12-05-24: Affected population shared with PACCAR.

12-12-24: Meeting was held with Dana. Data shown to support limiting suspect population to two batches.

01-28-25: Safety committee meeting held. Safety committee discussed the issue and has recommended to obtain Dana's Safety Committee's decision on this topic.

02-04-25: Dana shared updated warranty data, which included three new claims for spread terminals.

02-07-25: Dana shared their Safety Committee's decision. Dana does not believe there is a safety risk, only loss of vehicle function.

02-10-25: Safety Committee meeting held. Safety committee discussed the issue and decided to have a meeting with their counterparts at Dana to discuss this topic.

02-26-25: PACCAR Chief Engineers met with Dana.

03-06-25: PACCAR requested 8D Problem Solving document from Dana.

03-13-25: PACCAR received 8D documentation from Dana.

03-18-25: Safety committee meeting held. PACCAR determines the issue is a safety related defect.

As of March 18, 2025, PACCAR received 10 warranty claims and zero field report about trucks in the field that may be related between September 2023 and January 2025. Zero reports of deaths or injuries have been received.

Description of Remedy :

Description of Remedy Program :	Inspect the cradle harness connector C40 on all affected vehicles and replace the cradle harness on vehicles that have spread terminals. Affected vehicle owners will be notified and dealers will inspect the cradle harness and replace the harness on vehicles that have spread terminals free of charge. Owners who incurred costs to obtain a remedy for the problem addressed by 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 remedied harness will have machined terminals with part numbers 0462-201-20141 for 20 AWG wires and 0462-005-20141 for 18 AWG wires.
Identify How/When Recall Condition was Corrected in Production :	On 7/31/24, All harnesses in stock and on production trucks were inspected and defective parts were segregated.

Recall Schedule :

Description of Recall Schedule :	Notifications will be sent within 60 days of filing recall.
Planned Dealer Notification Date :	MAY 23, 2025 - MAY 23, 2025
Planned Owner Notification Date :	MAY 23, 2025 - MAY 23, 2025

* NR - Not Reported