

# Part 573 Safety Recall Report

# 24V-903

**Manufacturer Name :** PACCAR Incorporated**Submission Date :** DEC 02, 2024**NHTSA Recall No. :** 24V-903**Manufacturer Recall No. :** 24KWJ 24PBJ**Manufacturer Information :****Population :**

Manufacturer Name : PACCAR Incorporated

Number of potentially involved : 29

Address : 777 106TH AVENUE NORTHEAST

Estimated percentage with defect : 100 %

BELLEVUE WA 98004

Company phone : 940 591 4220

**Vehicle Information :**

Vehicle 1 : 2024-2025 Kenworth T380

Vehicle Type : BUSES, MEDIUM &amp; HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Cummins / Meritor provided list of axle serial numbers

Production Dates : NOV 01, 2023 - NOV 30, 2023

VIN Range 1 : Begin : NR End : NR

 Not sequential

Vehicle 2 : 2024-2025 Kenworth T480

Vehicle Type : BUSES, MEDIUM &amp; HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Cummins / Meritor provided list of axle serial numbers

Production Dates : DEC 01, 2023 - AUG 31, 2024

VIN Range 1 : Begin : NR End : NR

 Not sequential

Vehicle 3 : 2024-2024 Peterbilt 537

Vehicle Type : BUSES, MEDIUM &amp; HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : 2NPKJJ6X4SM735921

Production Dates : NOV 01, 2023 - NOV 30, 2023

VIN Range 1 : Begin : NR End : NR

 Not sequential

Vehicle 4 : 2025-2025 Peterbilt 536

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Cummins / Meritor provided list of axle serial numbers

Production Dates : JUL 01, 2024 - JUL 31, 2024

VIN Range 1 : Begin : 2NPKJJ6X4SM735921 End : 2NPKJJ6X4SM735921  Not sequential

Vehicle 5 : 2024-2025 Peterbilt 548

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Cummins / Meritor provided list of axle serial numbers

Production Dates : SEP 01, 2023 - JUN 30, 2024

## Description of Defect :

Description of the Defect : Certain Meritor 10-16K & 18-23K Front Steer Drive Axles may have insufficient wheel bearing grease

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Insufficient lubrication can cause the wheel hub to overheat, increasing the risk of a fire

Description of the Cause : Insufficient grease- Front hub overheats, locking hardware becomes loose, bearings damaged

Identification of Any Warning that can Occur : Noise, excessive steering play, smoke from front wheel

## Involved Components :

Component Name 1 : FSD 10-23K Axles

Component Description : Front Steer Drive axle

Component Part Number : 297-A416-103

Component Name 2 : FSD 10-23K Axles

Component Description : Front Steer Drive axle

Component Part Number : 297-9416-103

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Component Name 3 : FSD 10-23K Axles

Component Description : Front Steer Drive axle

Component Part Number : 297-5412-192

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Component Name 4 : FSD 10-23K Axles

Component Description : Front Steer Drive axle

Component Part Number : 297-7413-106

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Component Name 5 : FSD 10-23K Axles

Component Description : Front Steer Drive axle

Component Part Number : 297-A416-101

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Component Name 6 : FSD 10-23K Axles

Component Description : Front Steer Drive axle

Component Part Number : 297-8416-101

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Component Name 7 : FSD 10-23K Axles

Component Description : Front Steer Drive axle

Component Part Number : 297-4414-178-FWH

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Component Name 8 : FSD 10-23K Axles

Component Description : Front Steer Drive axle

Component Part Number : 297-8410-133

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Component Name 9 : FSD 10-23K Axles

Component Description : Front Steer Drive axle

Component Part Number : 297-8412-192

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Component Name 10 : FSD 10-23K Axles

Component Description : Front Steer Drive axle

Component Part Number : 297-8414-178

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Component Name 11 : FSD 10-23K Axles

Component Description : Front Steer Drive axle

Component Part Number : 297-8414-178-FWH

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Component Name 12 : FSD 10-23K Axles

Component Description : Front Steer Drive axle

Component Part Number : 297-8416-102

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Component Name 13 : FSD 10-23K Axles

Component Description : Front Steer Drive axle

Component Part Number : 297-8416-103

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Component Name 14 : FSD 10-23K Axles

Component Description : Front Steer Drive axle

Component Part Number : 297-8416-104-FWH

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Component Name 15 : FSD 10-23K Axles

Component Description : Front Steer Drive axle

Component Part Number : 297-8420-003

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Component Name 16 : FSD 10-23K Axles

Component Description : Front Steer Drive axle

Component Part Number : 297-9416-102

Component Name 17 : FSD 10-23K Axles

Component Description : Front Steer Drive axle

Component Part Number : 297-9416-104

## Supplier Identification :

### Component Manufacturer

Name : Cummins Drivetrain and Braking Systems

Address : 2135 West Maple

Troy Michigan 48084

Country : United States

## Chronology :

10/21/24: Safety and compliance notified. Investigation opened.

10/22/24: List of affected front axle serial numbers provided by supplier correlated with VIN numbers

10/23/24: Determined that suspect vehicles had already been delivered to dealers / customer

11/07/24: Finalized population and field remedy discussed with Cummins / Meritor

11/22/24: Safety committee meeting held. All members in attendance agreed that a safety related defect exists and that the affected population shall be recalled.

11-26-24: Final members of Safety Committee provided concurrence that safety related defect exists and that the affected population shall be recalled.

## Description of Remedy :

Description of Remedy Program : Production Corrective Action: Cummins / Meritor process improvement- Bearing grease applicator installed at the line, error proofing check sheet implemented, secondary grease verification checks on the assembly line with photo evidence of grease application.

Description of Field Remedy Program: Inspect and service wheel end with new parts, repack with grease

Affected vehicle owners will be notified and dealers will inspect and service wheel ends with new parts, repack with grease 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 : Cummins / Meritor provided a list of axle serial numbers affected by this issue.

Identify How/When Recall Condition was Corrected in Production : Cummins / Meritor process improvement- Bearing grease applicator installed at the line, error proofing check sheet implemented, secondary grease verification checks on the assembly line with photo evidence of grease application.

## Recall Schedule :

Description of Recall Schedule : Notifications will be sent within 60 day

Planned Dealer Notification Date : JAN 24, 2025 - JAN 24, 2025

Planned Owner Notification Date : JAN 24, 2025 - JAN 24, 2025

\* NR - Not Reported