



U.S. Department
of Transportation

National Highway
Traffic Safety
Administration

Part 573 Safety Recall Report

24V145

Manufacturer Name: PACCAR Incorporated

Submission Date: Oct 02, 2025

NHTSA Recall No.: 24V145

Manufacturer Recall No.: 24KWD

Manufacturer Information

Population

Manufacturer Name: PACCAR Incorporated

Address: 777 106TH AVENUE
NORTHEAST
BELLEVUE WA, 98004

Total number of potentially involved: 938

Estimated percentage with defect: 100%

Vehicle Information

Vehicle 1: 2009-2021 Kenworth C500

Product Category: Buses, Medium & Heavy Vehicles

Product Type:

Fuel / Propulsion: Compression Ignition Fuel

Production Dates: Aug 12, 2008 - Sep 10, 2020

Number of potentially involved: 4

Descriptive Information:

A search of vehicles built since January 2008 was used to identify vehicles with less than the required air reservoir volume. A total of 4 C500 were identified.

Vehicle 2: 2012-2021 Kenworth T440

Product Category: Buses, Medium & Heavy Vehicles

Product Type:

Fuel / Propulsion: Compression Ignition Fuel

Production Dates: May 10, 2011 - Jul 14, 2020

Number of potentially involved: 28

Descriptive Information:

A search of vehicles built since January 2008 was used to identify vehicles with less than the required air reservoir volume. A total of 28 T440 were identified.

Vehicle 3: 2015-2024 Kenworth T680

Part 573 Safety Recall Report**24V145****Product Category:** Buses, Medium & Heavy Vehicles**Product Type:****Fuel / Propulsion:** Compression Ignition Fuel**Production Dates:** Jan 21, 2014 - Jan 12, 2023**Number of potentially involved:** 111**Descriptive Information:**

A search of vehicles built since January 2008 was used to identify vehicles with less than the required air reservoir volume. A total of 111 T680 were identified.

Vehicle 4: 2009-2015 Kenworth T660**Product Category:** Buses, Medium & Heavy Vehicles**Product Type:****Fuel / Propulsion:** Compression Ignition Fuel**Production Dates:** Aug 12, 2008 - Nov 10, 2014**Number of potentially involved:** 297**Descriptive Information:**

A search of vehicles built since January 2008 was used to identify vehicles with less than the required air reservoir volume. A total of 297 T660 were identified.

Vehicle 5: 2009-2019 Kenworth W900**Product Category:** Buses, Medium & Heavy Vehicles**Product Type:****Fuel / Propulsion:** Compression Ignition Fuel**Production Dates:** Feb 05, 2008 - Jan 25, 2018**Number of potentially involved:** 25**Descriptive Information:**

A search of vehicles built since January 2008 was used to identify vehicles with less than the required air reservoir volume. A total of 25 W900 were identified.

Vehicle 6: 2023-2023 KENWORTH T480**Product Category:** Buses, Medium & Heavy Vehicles**Product Type:** Tractor**Fuel / Propulsion:** Compression Ignition Fuel

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A search of vehicles built since January 2008 was used to identify vehicles with less than the required air reservoir volume. A total of 2 T480 were identified.

Vehicle 7: 2008-2024 KENWORTH T800**Product Category:** Buses, Medium & Heavy Vehicles**Product Type:****Fuel / Propulsion:** Compression Ignition Fuel**Production Dates:** Dec 13, 2007 - Oct 26, 2023**Number of potentially involved:** 303**Descriptive Information:**

A search of vehicles built since December 2007 was used to identify vehicles with less than the required air reservoir volume. A total of 303 T800 were identified.

Vehicle 8: 2011-2016 Kenworth T470**Product Category:** Buses, Medium & Heavy Vehicles**Product Type:****Fuel / Propulsion:** Compression Ignition Fuel**Production Dates:** Sep 21, 2010 - Sep 28, 2015**Number of potentially involved:** 15**Descriptive Information:**

A search of vehicles built since January 2008 was used to identify vehicles with less than the required air reservoir volume. A total of 15 T470 were identified.

Vehicle 9: 2014-2023 Kenworth T880**Product Category:** Buses, Medium & Heavy Vehicles**Product Type:****Fuel / Propulsion:** Compression Ignition Fuel**Production Dates:** Dec 03, 2012 - Nov 01, 2022**Number of potentially involved:** 76**Descriptive Information:**

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A search of vehicles built since January 2008 was used to identify vehicles with less than the required air reservoir volume. A total of 76 T880 were identified.

Vehicle 10: 2009-2020 KENWORTH T370

Product Category: Buses, Medium & Heavy Vehicles

Product Type:

Fuel / Propulsion: Compression Ignition Fuel

Production Dates: Apr 17, 2008 - Dec 10, 2019

Number of potentially involved: 77

Descriptive Information:

A search of vehicles built since January 2008 was used to identify vehicles with less than the required air reservoir volume. A total of 77 T370 were identified.

Defect / Noncompliance Description

Description of the defect or noncompliance:

The air tank reservoir volume in certain chassis does not meet the air volume requirements per FMVSS 121, which requires the combined volume of all service reservoir shall be at least 12 times the combined volume of all service brake chambers.

FMVSS1: 121 - Air brake systems

FMVSS2:

Description of the safety risk, including crash, fire, death, injury:

Less than the required air tank reservoir volume may not allow enough brake application to slow the vehicle in an emergency, which may increase the risk of a crash.

Description of the cause:

Stages in the order processing sequence had opportunity for inconsistencies in data.

Identification of any warning that can occur:

Driver will be alerted by a warning light in the dash and an audible alarm indicating low system pressure. A reduction in air pressure will be reflected on the primary and secondary air pressure gauges.

Component Manufacturer

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Tier of Supplier:
Supplier Type:
Name: PACCAR

Address: 777 106th Ave NE
Bellevue WA, 98004

Country: United States

Involved Components

Component Name 1: Air tanks

Component Description: Air tanks

Component Part Number: N/A

Chronology

05-19-23: Safety and Compliance was notified by engineering that a drawing issue was identified which overrepresented the volume of certain air tanks and may result in incorrect air tank volume calculations per vehicle. No affected vehicles in field identified to have insufficient air volume due to the drawing issue, but additional vehicles showed insufficient air volume with unknown root cause. Investigation opened. 06-06-23: Current estimated affected population is 71 vehicles. Investigation and backlog search continues. 06-15-23 through 02-13-24: Investigation ongoing. 02-14-24: Investigation summarized for Safety Committee Review. 02-16-24: Safety Committee meeting held. The Safety Committee concurs that a regulatory noncompliance exists and that the affected population shall be recalled. 02-19-24: Final corrective action implemented. Backlog search was completed and did not identify any additional vehicles to include in the affected population. As of February 16, 2024, PACCAR received zero warranty claims and zero reports about the trucks in the field that may be related to the issue. Zero reports of deaths or injuries have been received.

Related NHTSA Recall Number:

Description of Remedy

Remedy Type: Replace

Consumer Advisories: Do Not Drive Park Outside

Description of remedy program:

Affected vehicle owners will be notified and dealers will be notified to install the correct volume air tanks, free of charge. Owners who incurred costs to obtain a remedy for the problem addressed by the

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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 vehicles will meet the air tank volume requirements per FMVSS 121.

Identify how/when recall condition was corrected in production:

Multiple root causes were identified, with final corrective action implemented on February 19, 2024.

Reimbursement Plan

Description of reimbursement program:

Period of reimbursement:

Costs to be reimbursed:

Address for reimbursement claims:

Recall Schedule

Description of recall schedule:

Initial notifications were sent within 60 days.

Final notification sent 8/12/2024.

Planned Dealer Notification Date: Apr 23, 2024 - Apr 23, 2024

No Dealers

Planned Interim Owner Notification Date:

No Owners

Planned Remedy Owner Notification Date: Apr 16, 2024 - Apr 23, 2024

Phased Recall

Date when VIN will be searchable: