

# Part 573 Safety Recall Report

## 24V-145

**Manufacturer Name :** PACCAR Incorporated

**Submission Date :** SEP 06, 2024

**NHTSA Recall No. :** 24V-145

**Manufacturer Recall No. :** 24KWD



### Manufacturer Information :

Manufacturer Name : PACCAR Incorporated

Address : 777 106TH AVENUE NORTHEAST  
BELLEVUE WA 98004

Company phone : 940 591 4220

### Population :

Number of potentially involved : 697

Estimated percentage with defect : 100 %

### Vehicle Information :

Vehicle 1 : 2009-2021 Kenworth C500

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

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.

Production Dates : AUG 12, 2008 - SEP 10, 2020

VIN Range 1 : Begin : 1NKDX40XX9R237698 End : 1NKDX40X8RR386014 ☒ Not sequential

Vehicle 2 : 2014-2015 Kenworth T440

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

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 14 T440 were identified.

Production Dates : NOV 14, 2013 - DEC 12, 2014

Vehicle 3 : 2009-2015 Kenworth T660

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

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 233 T660 were identified.

Production Dates : AUG 12, 2008 - NOV 10, 2014

Vehicle 4 : 2015-2024 Kenworth T680

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

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 81 T680 were identified.

Production Dates : JAN 21, 2014 - JAN 12, 2023

Vehicle 5 : 2009-2024 Kenworth T800

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

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 264 T800 were identified.

Production Dates : JAN 09, 2008 - OCT 26, 2023

Vehicle 6 : 2013-2023 Kenworth T880

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

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 72 T880 were identified.

Production Dates : DEC 03, 2012 - NOV 01, 2022

Vehicle 7 : 2009-2019 Kenworth W900

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

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 24 W900 were identified.

Production Dates : FEB 05, 2008 - JAN 25, 2018

Vehicle 8 : 2016-2016 Kenworth T470

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

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 5 T470 were identified.

Production Dates : MAY 04, 2015 - SEP 28, 2015

**Description of Noncompliance :**

Description of the 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.

FMVSS 1 : 121 - Air brake systems

FMVSS 2 : NR

Description of the Safety Risk : 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.

**Involved Components :**

Component Name 1 : Air tanks

Component Description : Air tanks

Component Part Number : N/A

**Supplier Identification :****Component Manufacturer**

Name : PACCAR

Address : 777 106th Ave NE  
Bellevue Washington 98004

Country : United States

**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.

Description of Remedy :

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 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.

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
Planned Owner Notification Date :	APR 23, 2024 - APR 23, 2024

\* NR - Not Reported