

# Part 573 Safety Recall Report

# 21V-720

**Manufacturer Name :** PACCAR Incorporated**Submission Date :** SEP 16, 2021**NHTSA Recall No. :** 21V-720**Manufacturer Recall No. :** 21PBK**Manufacturer Information :**

Manufacturer Name : PACCAR Incorporated

Address : 777 106TH AVENUE NORTHEAST

BELLEVUE WA 98004

Company phone : 940 591 4220

**Population :**

Number of potentially involved : 15

Estimated percentage with defect : 20 %

**Vehicle Information :**

Vehicle 1 : 2020-2021 Peterbilt 520

Vehicle Type : BUSES, MEDIUM &amp; HEAVY VEHICLES

Body Style :

Power Train : NR

**Descriptive Information :** Suspect population for recall broadly encompasses all chassis with dual foot valves and a liftable tag or tri-drive rear axles. Within this total population is an as-yet undetermined subpopulation of vehicles that could have left the plant without having a quick release valve on the rear brake signal hose. Within that subpopulation is a sub-subpopulation of trucks that, due to the combination of wheelbase, axle configuration, brake type and brake chamber size, may not meet the brake timing requirements of FMVSS 121. In other words, the suspect population was conservatively defined and therefore includes trucks that may pass the brake timing test even without the quick release.

Production Dates : NOV 04, 2019 - MAR 30, 2021

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Noncompliance :**

**Description of the Noncompliance :** Certain Model 520 Peterbilt vehicles that should have a quick release valve on the rear brake signal hose may be missing that part. The quick release valve ensures rear brake release timing is met. Affected vehicles are model 520 dual seated and right hand stand up chassis with a tri-drive or liftable tag axle.

FMVSS 1 : 121 - Air brake systems

FMVSS 2 : NR

**Description of the Safety Risk :** A vehicle that does not meet the brake timing requirements specified in FMVSS 121 could present an increased risk of a crash or injury.

**Description of the Cause :** NR

Identification of Any Warning NR  
that can Occur :

## Involved Components :

Component Name 1 : NR

Component Description : NR

Component Part Number : NR

## Supplier Identification :

### Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

## Chronology :

5-21-2021 Paccar Technical Center (PTC) contacted Safety & Compliance (S&C) to determine if truck built June 30, 2020 should have a quick release valve on the rear brake signal hose.

5-24-2021 S&C confirmed chassis 109884 should have a quick release valve. S&C contacted Kenworth Mexico Plant to investigate and to perform a sweep of all chassis on-site.

6-3-2021 S&C began part number searches to define total population of trucks that call out a quick release for rear brake signal.

6-14-2021 Plant Quality reported they inspected 5 trucks, 4 of which had quick releases. Four additional sign off tasks were added to inspect for a quick release on trucks in the plant that have them called out in bill of materials.

6-22-2021 S&C reduced suspect population based on previous PTC testing.

7-1-2021 S&C asked customer service group to look up wheelbases of trucks in suspect population to aid in determining whether quick release is needed for those truck configurations.

7-2-2021 Customer service group provided wheelbases for suspect population.

7-15-2021 S&C reduced suspect population based on wheelbases that do not need a quick release.

7-26-2021 Suspect population sent to Kenworth Mexico plant quality to have them note which trucks were inspected and where the clean point is.

7-27-2021 Kenworth Mexico plant quality sent list of inspected trucks and clean point.

8-3-2021 Safety Committee reviewed investigation and had questions on suspect population configurations.

8-10-2021 Safety Committee requested testing be done to validate whether chassis would pass brake timing

without a quick release based on previous testing.

8-25-2021 Brake timing test complete at PTC.

8-31-2021 Incomplete Safety Committee met. Will meet with remaining members to get concurrence on a decision.

9-2-2021 Customer service group provided address list.

9-10-2021 Complete Safety Committee determines this is a safety defect

## Description of Remedy :

Description of Remedy Program : Dealers will inspect vehicles in field and install quick release valve if it is missing.

How Remedy Component Differs from Recalled Component : Recalled vehicles are missing Bendix QR-1 Valve, part number 08-01279

Identify How/When Recall Condition was Corrected in Production : See chronology above regarding clean point determination at plant.

## Recall Schedule :

Description of Recall Schedule : Notices will be mailed within 60 days

Planned Dealer Notification Date : NOV 15, 2021 - NOV 15, 2021

Planned Owner Notification Date : NOV 15, 2021 - NOV 15, 2021

\* NR - Not Reported