

Part 573 Safety Recall Report

21V-328

Manufacturer Name : PACCAR Incorporated

Submission Date : MAY 18, 2021

NHTSA Recall No. : 21V-328

Manufacturer Recall No. : 21PBE



Manufacturer Information :

Manufacturer Name : PACCAR Incorporated

Address : 777 106TH AVENUE NORTHEAST
BELLEVUE WA 98004

Company phone : 940 591 4220

Population :

Number of potentially involved : 13

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2021-2021 Peterbilt 348, 579

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : Recall population was determined based on Meritor's identification of line-sequenced assemblies produced with TSE-supplied chambers before TSE's heat treat fixture was corrected.

Production Dates : MAR 11, 2020 - JUL 13, 2020

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Description of Defect :

Description of the Defect : Brake chamber with mis-aligned park spring may cause fatigue hole in diaphragm and internal air leak.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Air leak could drain air system pressure, causing brake drag and setting park brakes, increasing the risk of a crash

Description of the Cause : Root cause was determined to be the deformation of the spring after the heat-treat process due to the heat-treat fixture allowing springs to touch each other. The perpendicularity of the spring can cause the pressure plate to be mis-aligned and cause a fatigue hole in the diaphragm. TSE fixed the heat-treat fixture as well as tightened the allowable tolerance and frequency of inspections during heat-treat process

Identification of Any Warning that can Occur : A variety of warnings can occur, including low air warnings, difficulty going into gear due to low air pressure, audible air leaks and inability to build up enough pressure to release park brakes.

Involved Components :

Component Name 1 : ADB Brake Assembly

Component Description : NR

Component Part Number : B75-6000-320L211

Supplier Identification :**Component Manufacturer**

Name : Meritor

Address : 2135 W Maple Rd
Troy Michigan 48084

Country : United States

Chronology :

4/5/21 - Meritor informed Peterbilt Product Safety & Compliance that their brake chamber supplier had a potential quality issue with 52 brake chambers that were installed on Peterbilt trucks.

4/6/21 - Meritor and Paccar met to discuss details of the issue, containment and suspect population.

4/7/21 - Meritor provided summary of their testing of the suspect brake chambers and more information from Walmart's experience with the suspect brake chambers.

4/12/21 - 4/23/21 - Peterbilt Product Safety and Compliance communicated with Meritor regarding issue and suspect brake chamber list.

5/3/21 - Meritor sent a copy of their 573 defect report filed April 08, 2021.

5/4/21 - PB Safety Committee met and determined a defect relating to motor vehicle safety exists.

Description of Remedy :

Description of Remedy Program : Peterbilt dealers will replace suspect brake chambers on trucks in the field free of charge.

How Remedy Component Differs from Recalled Component : The remedy component has a correctly aligned park spring, as can be observed by visual inspection of the chamber. On recalled components, when looking through the cage bolt hole, a mis-aligned spring and

Identify How/When Recall Condition
was Corrected in Production :

pressure plate can be seen by the hole in the pressure plate not lining up
with the cage bolt hole.

Recall Schedule :

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

Planned Dealer Notification Date : JUL 09, 2021 - JUL 09, 2021

Planned Owner Notification Date : JUL 09, 2021 - JUL 09, 2021

* NR - Not Reported