

Part 573 Safety Recall Report

20V-429

Manufacturer Name : PACCAR Incorporated

Submission Date : JUL 24, 2020

NHTSA Recall No. : 20V-429

Manufacturer Recall No. : 20PBD



Manufacturer Information :

Manufacturer Name : PACCAR Incorporated

Address : 777 106TH AVENUE NORTHEAST

BELLEVUE WA 98004

Company phone : 940 591 4220

Population :

Number of potentially involved : 239

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2020-2020 Peterbilt 520

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Recall population was determined using part number search for J11-6037 or J11-6051 power steering assist cylinder bracket.

Production Dates : FEB 15, 2019 - DEC 20, 2019

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : Incorrect steering assist cylinder bracket bolts may provide insufficient retention of steering assist bracket on the right front spring bracket.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : The steering assist cylinder bracket on the right front spring bracket may flex or break and potentially damage adjacent components or lock up steering.

Description of the Cause : The bolt called out was not available, and the bolt used in lieu of the specified part lacked a lock patch to prevent it from backing out.

Identification of Any Warning that can Occur : NR

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 :

1/8/20 Peterbilt was informed that a customer had 3 trucks with missing and/or loose steering assist cylinder bracket bolts. One truck sustained damage to steering assist cylinder and bracket. PB Engineering asked the plant if it was using the correct bolts, which should have lock patch, and installing to the required torque.

1/14/20-2/11/20 Plant Quality determined that the bolt called out was not available and a different bolt had been substituted in all locations where the specified bolt should have been used. Engineering determined substitutions were appropriate in locations where a lock washer or lock nut was used. Bolts in steering assist cylinder bracket were replaced in all trucks on site. Engineering created a deviation to use a different bolt that was available.

2/27-3/2/20 Plant Quality determined clean point.

3/5/20 PB Safety & Compliance searched warranty claim database and found no issues involving steering assist bracket bolts. Search re-run 5/11/20.

6/2-7/14/20 Safety Committee met, requested additional information and deliberated whether safety defect existed. No failures beyond the 3 initial chassis with loose or missing bolts had been reported.

7/21/20 Safety Committee determined that a safety defect existed.

Description of Remedy :

Description of Remedy Program : Dealers will install thread locking hardware and replace any components damaged by the improperly secured steer assist bracket, if required.

How Remedy Component Differs from Recalled Component : Remedy component will contain thread locking hardware.

Identify How/When Recall Condition was Corrected in Production : A deviation was created to identify bolts with lock patch that are appropriate for use in the steering assist cylinder bracket.

Recall Schedule :

Description of Recall Schedule : Customers will be notified within 60 days

Planned Dealer Notification Date : AUG 14, 2020 - AUG 14, 2020

Planned Owner Notification Date : SEP 22, 2020 - SEP 22, 2020

* NR - Not Reported