

Part 573 Safety Recall Report

21V-004

Manufacturer Name : PACCAR Incorporated**Submission Date :** JAN 11, 2021**NHTSA Recall No. :** 21V-004**Manufacturer Recall No. :** 21PBA**Manufacturer Information :**

Manufacturer Name : PACCAR Incorporated

Address : 777 106TH AVENUE NORTHEAST

BELLEVUE WA 98004

Company phone : 940 591 4220

Population :

Number of potentially involved : 1,021

Estimated percentage with defect : 5 %

Vehicle Information :

Vehicle 1 : 2015-2021 Peterbilt 320 and 520

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined by part number search; affected vehicles contain the steering bracket assemblies called out below.

Production Dates : JUN 26, 2014 - NOV 13, 2020

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : Steering column support structure may crack or break in certain right-hand stand-up drive model 320 and 520 trucks

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : The right- hand stand-up steering column may become loose from the mounting structure and affect steering control. The steering linkage remains attached to the steering column.

Description of the Cause : NR

Identification of Any Warning NR
that can Occur :

Involved Components :

Component Name 1 : Steering Assembly Bracket

Component Description : NR

Component Part Number : J85-6020

Component Name 2 : Steering Assembly Bracket

Component Description : NR

Component Part Number : J85-6022

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

9/16/20- Peterbilt Fleet Service notified PB of 5 trucks found with steering column support issues, 1 truck had the column bracket break, 4 had cracks in the structure.

9/17/20- Investigation found steering bracket assembly J85-6020 went on first production truck 6/26/14 and J85-6022 implemented 7/17/17. Requested evaluation of FEA by PACCAR Technical Center (PTC).

9/21/20-10/5/20 - Cracked parts were collected and shipped to PTC for FEA.

10/12/20 - PTC completes first interim FEA report.

11/5/20 - 11/12/20 - Work proceeds on development and testing of alternate design that works with 520.

11/16/20 -Production design change adding a brace was put into production for model 520 vehicles.

11/19/20 - Safety Committee conducts review of warranty and field parts

12/1/20-Design group conducts further review with engineering management

12/15/2- Alternate design for 320/520 subject to fatigue evaluation and Safety Committee review

1/6/21 - Safety Committee determined a defect affecting motor vehicle safety exists. Recall to be initiated while Engineering continues developing field repair for model 320 or a possible common repair to both models.

Description of Remedy :

Description of Remedy Program : For Model 520 vehicles, dealers will inspect RH Stand-Up steering column structure and replace if cracks are present, as well as add additional support brackets to the new (if replaced) or existing structure as directed. A field repair for model 320 vehicles is under engineering development.

How Remedy Component Differs from Recalled Component : NR

Identify How/When Recall Condition was Corrected in Production : For the Model 520, Peterbilt Engineering designed a large gusset with triangulating support for the column bracket. This gusset was put into model 520 production on 11/16/2020.

Recall Schedule :

Description of Recall Schedule : owner notifications will be sent within 60 days

Planned Dealer Notification Date : MAR 08, 2021 - MAR 08, 2021

Planned Owner Notification Date : MAR 08, 2021 - MAR 08, 2021

* NR - Not Reported