

Part 573 Safety Recall Report

20V-506

Manufacturer Name : PACCAR Incorporated

Submission Date : AUG 26, 2020

NHTSA Recall No. : 20V-506

Manufacturer Recall No. : 20PBE and 20KWC



Manufacturer Information :

Manufacturer Name : PACCAR Incorporated

Address : 777 106TH AVENUE NORTHEAST
BELLEVUE WA 98004

Company phone : 940 591 4220

Population :

Number of potentially involved : 1,097

Estimated percentage with defect : 3 %

Vehicle Information :

Vehicle 1 : 2020-2021 Peterbilt 348,365,367,389,520,567

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Recall population determined based on chassis list provided by Watson Chalin

Production Dates : NOV 19, 2019 - APR 09, 2020

VIN Range 1 : Begin : NR End : NR ☐ Not sequential

Vehicle 2 : 2020-2021 Kenworth T800,T880,W900,W990

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Chassis list provided by Watson Chalin

Production Dates : NOV 20, 2019 - APR 17, 2020

VIN Range 1 : Begin : NR End : NR ☐ Not sequential

Description of Defect :

Description of the Defect : Certain W&C SL2065 lift axles may be equipped with lower rear pivot bolts that are not long enough to sufficiently engage the locking feature of the corresponding nuts. The lift axle pivot bolt may come loose and fall out onto the roadway.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If detached, a pivot bolt may become foreign object debris on the roadway, increasing the risk of a crash or injury.

Description of the Cause : The SL2065 was implemented in 2013 with an 11.5" long pivot bolt. Some of

the bolts are coming in about 0.125" shorter than earlier batches. The bolts are still in specification, but there is not enough bolt length to properly torque the nut on them. Watson Chalin changed the pivot bolt length to 12" to correct the issue.

Identification of Any Warning that can Occur : warning signs that may appear before a lower rear pivot bolt fracture or loss include failure of the suspension to lift or lower properly, and suspension noise and vibration

Involved Components :

Component Name 1 : KIT-20K TRU TRACK SL-2065

Component Description : NR

Component Part Number : C74-1027*

Supplier Identification :

Component Manufacturer

Name : Watson Chalin

Address : NR

NR

Country : NR

Chronology :

6/11/20 – Peterbilt and Kenworth receive field report of at least five SL2065 lift axles with loose or missing pivot bolts and learn that MY 2021 chassis have shorter pivot bolts than 2020 and 2019 chassis.

6/15/20 – Meeting with Watson Chalin (WC). Requested dates and sequence numbers of lift axles that could have been built with short bolts. Also requested test of lift axle with loose or missing pivot bolts to understand the performance difference.

6/24/20 – WC provides date range of pivot bolts on low side of length tolerance and confirms manual torque process could have contributed to insufficient threads beyond the end of the pivot nut. Also states there is warning and clunking while the pivot bolt is loose before it falls out.

7/1-8/14/20 – WC performs testing and investigation

8/18/20 – WC submits 573 to NHTSA

8/20/20 – Joint PB and KW Safety Committee met and decided the use of the shorter pivot bolts presents a defect relating to motor vehicle safety.

Description of Remedy :

Description of Remedy Program : Dealers will inspect suspect chassis and replace pivot bolts as necessary and free of charge.

How Remedy Component Differs from Recalled Component : replacement pivot bolts are 12"

Identify How/When Recall Condition was Corrected in Production : NR

Recall Schedule :

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

Planned Dealer Notification Date : OCT 24, 2020 - OCT 24, 2020

Planned Owner Notification Date : OCT 24, 2020 - OCT 24, 2020

* NR - Not Reported