

Part 573 Safety Recall Report

22V-277

Manufacturer Name : PACCAR Incorporated**Submission Date :** JUN 07, 2022**NHTSA Recall No. :** 22V-277**Manufacturer Recall No. :** 22 PBB and 22 KWB**Manufacturer Information :**

Manufacturer Name : PACCAR Incorporated

Address : 777 106TH AVENUE NORTHEAST
BELLEVUE WA 98004

Company phone : 940 591 4220

Population :

Number of potentially involved : 17,641

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2018-2020 Kenworth T270, T370, T440, T470, T660, T680, T800, T880, W900 and W990

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Recall population corresponds to production during build months associated with failed axles, plus 3 months after last build date for a known failed axle.

Production Dates : AUG 01, 2017 - MAY 31, 2019

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

Vehicle 2 : 2018-2020 Peterbilt 330, 337, 348, 365, 367, 389, 520, 567, 579

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Recall population corresponds to production in build months associated with failed axles, plus 3 months after last build date for a known failed axle.

Production Dates : AUG 01, 2017 - MAY 31, 2019

VIN Range 1 : Begin : NR End : NR Not sequential**Description of Defect :**

Description of the Defect : The Dana D-Series axle steer arm fasteners, that attach the steer arm to the steering knuckle, may fail. Reported failures occurred during low speed maneuvering operations when steering forces are highest.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Failure of both fasteners can result in a loss of steering control, which could increase the risk of a crash or injury.

Description of the Cause : The cause is under investigation

Identification of Any Warning NR
that can Occur :

Involved Components :

Component Name 1 : Dana IADB (Integrated Air Disc Brake) D-Series ste

Component Description : Dana IADB (Integrated Air Disc Brake) D-Series steer axle

Component Part Number : B05-6041*

Supplier Identification :

Component Manufacturer

Name : Dana, Inc

Address : 3939 Technology Dr
Maumee Ohio 43537

Country : United States

Chronology :

8/10/2020: Safety & Compliance received notification of field failure

8/12/2020: Dana notified and requested parts to be sent to them

8/27/2020: Weekly meetings started with Dana

9/17/2020: First Dana bench test set up

9/25/2020: Issue discussed at NHTSA quarterly meeting

11/5/2020: Reviewed Dana bench testing and instrumented vehicle data

1/25/2021: Continued weekly reviews with Dana testing attempting to replicate field issues

2/3/2021: Update given to NHTSA during quarterly meeting

3/4/2021: Customer review list provided to Dana for inspections

3/26/2021: 1st customer Inspection completed with no issues found

4/20/2021: 2nd customer inspection completed, no issues found

5/20/2021: Revised Dana bench test set up reviewed

5/26/2021: Update given to NHTSA during quarterly meeting

6/3/2021: 3rd customer inspection completed, 118 truck inspected to date

6/24/2021: 4th & 5th customer inspections completed, 158 total inspections, no issues

7/8/2021: Dana took customer truck with previous failure for track instrumentation

8/12/2021: Non-failed knuckles returned from field to check bolt tension
9/3/2021: Update given to NHTSA during quarterly meeting
9/23/2021: Dana visited customer measured bolt tension and replaced bolts in 15 units
9/30/2021: Dana visited KW plant and measured many drag link angles
10/7/2021: Bench test suspended and to be reconfigured
12/9/2021: Bench test reconfigured and began running series of new tests
1/6/2022: 4 bench tests completed and 2 in progress
1/20/2022: RH turn testing suspended with high cycle count and no failures
2/17/2022: 7 LH tests complete and two in progress
3/3/2022: 12 LH tests completed and 1 in progress
3/16/2022: Update given to Joint Safety Committee
3/24/2022: Update given to NHTSA during quarterly meeting
3/31/2022: 17 LH tests completed and 2 in progress
4/14/2022: 29 LH tests completed including 5 E-series baseline tests and 1 in progress.
4/18/2022: Joint Safety Committee determines a recall will be initiated

Description of Remedy :

Description of Remedy Program : The remedy program is under development. The 573 will be amended once a remedy has been developed and validated. Once a remedy is identified, it will be made available free of charge to affected owners. Owners who incurred costs to obtain a remedy for the problem addressed by the recall in advance of receiving notification may seek reimbursement through the process outlined in the general reimbursement plan on file.”

How Remedy Component Differs from Recalled Component : NR

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

Recall Schedule :

Description of Recall Schedule : Notification letters will be sent within 60 days

Planned Dealer Notification Date : JUN 24, 2022 - JUN 24, 2022

Planned Owner Notification Date : JUN 24, 2022 - JUN 24, 2022

* NR - Not Reported