

Part 573 Safety Recall Report

22V-277

Manufacturer Name : PACCAR Incorporated**Submission Date :** APR 25, 2022**NHTSA Recall No. :** 22V-277**Manufacturer Recall No. :** 22 PBB and 22 KWB**Manufacturer Information :****Population :**

Manufacturer Name : PACCAR Incorporated

Number of potentially involved : 17,641

Address : 777 106TH AVENUE NORTHEAST

Estimated percentage with defect : 1 %

BELLEVUE WA 98004

Company phone : 940 591 4220

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.

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