

Part 573 Safety Recall Report

22V-425

Manufacturer Name : PACCAR Incorporated**Submission Date :** JUN 15, 2022**NHTSA Recall No. :** 22V-425**Manufacturer Recall No. :** 22KWD and 22PBD**Manufacturer Information :****Population :**

Manufacturer Name : PACCAR Incorporated

Number of potentially involved : 402

Address : 777 106TH AVENUE NORTHEAST

Estimated percentage with defect : 1 %

BELLEVUE WA 98004

Company phone : 940 591 4220

Vehicle Information :

Vehicle 1 : 2022-2022 Kenworth T180

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : The affected population consists of vehicles with the part numbers included in the affected population that were sold by Paccar prior to establishing a clean point in production.

Production Dates : APR 22, 2021 - APR 22, 2021

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2021-2023 Kenworth T280

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : The affected population consists of vehicles with the part numbers included in the affected population that were sold by Paccar prior to establishing a clean point in production.

Production Dates : JUN 17, 2020 - APR 15, 2022

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 3 : 2022-2023 Kenworth T380

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : The affected population consists of vehicles with the part numbers included in the affected population that were sold by Paccar prior to establishing a clean point in production.

Production Dates : JUL 29, 2021 - APR 07, 2022

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

Vehicle 4 : 2022-2023 Peterbilt Model 536

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : The affected population consists of vehicles with the part numbers included in the affected population that were sold by Paccar prior to establishing a clean point in production.

Production Dates : JAN 27, 2021 - APR 26, 2022

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

Vehicle 5 : 2022-2023 Peterbilt Model 537

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : The affected population consists of vehicles with the part numbers included in the affected population that were sold by Paccar prior to establishing a clean point in production.

Production Dates : SEP 13, 2021 - APR 26, 2022

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

Description of Defect :

Description of the Defect : Internal components of the transmission actuator may slip, causing the actuator to become mis-calibrated.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : On affected vehicles, if the transmission actuator becomes mis-calibrated, transmission may shift into an unexpected gear. This may increase the risk of a crash.

Description of the Cause : When the actuator is exposed to increased temperatures and a torque input, internal components may slip relative to each other. This causes the actuator to become mis-calibrated.

Identification of Any Warning that can Occur : The driver may notice a mismatch in the gear selected by the driver and the current gear of the transmission displayed on the push button shifter inside the cab.

Involved Components :

Component Name 1 : Transmission Actuator Assembly

Component Description : Transmission Actuator Assembly

Component Part Number : CAN-ACT1001, CAN-ACT2001

Supplier Identification :

Component Manufacturer

Name : Curtiss-Wright

Address : 14100 SW 72nd Ave
Portland Oregon 97224

Country : United States

Chronology :

05-17-22: Paccar Plant notified Safety & Compliance of potential issue with transmission actuators, per feedback from the supplier.

05-18-22: Meeting held with supplier, Supplier Quality and Safety & Compliance to discuss. Containment at plants is complete, and all affected trucks are on hold at Paccar plants per supplier's recommendation. Review of inventory at Paccar Parts begins to quarantine all suspect inventory. Safety & Compliance opens investigation.

05-20-22: Short term corrective action proposed is to rework existing inventory to add a keyway to prevent relative motion between the ring gear and shaft. Validation plan is reviewed between the supplier and Paccar.

05-31-22: Short term corrective action passes preliminary validation testing. Parts procurement in process for rework. Reworked parts will have a green dot on the part identification label for traceability.

06-08-22: Internal team completes summary of investigation. Affected population firmed.

06-09-22: Safety committee meeting held. The committee concurs that a safety related defect exists and the affected population shall be recalled.

Description of Remedy :

Description of Remedy Program : Paccar will notify customers and dealers, and will replace the transmission actuator assembly. 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 : The remedy components will be reworked to add a key to secure internal components relative to each other and have a mark on the part label to indicate they have been reworked.

Identify How/When Recall Condition was Corrected in Production : Transmission actuators used to build production parts will include a key to secure internal components relative to each other. All vehicles manufactured on or after April 17, 2022 will include the updated transmission actuators.

Recall Schedule :

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

Planned Dealer Notification Date : AUG 14, 2022 - AUG 14, 2022

Planned Owner Notification Date : AUG 14, 2022 - AUG 14, 2022

* NR - Not Reported