

Part 573 Safety Recall Report

23V-007

Manufacturer Name : PACCAR Incorporated**Submission Date :** JAN 16, 2023**NHTSA Recall No. :** 23V-007**Manufacturer Recall No. :** 23PBA and 23KWA**Manufacturer Information :**

Manufacturer Name : PACCAR Incorporated

Address : 777 106TH AVENUE NORTHEAST
BELLEVUE WA 98004

Company phone : 940 591 4220

Population :

Number of potentially involved : 46

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2021-2023 Peterbilt 579

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : HYBRID ELECTRIC

Descriptive Information : All Phase 2 Battery Electric Vehicles with R4 Software and earlier with part numbers Q30-6025 through Q30-6028.

There are 46 total trucks in the recall for Peterbilt Model 579 and Kenworth Model T680.

Production Dates : FEB 26, 2020 - DEC 20, 2022

VIN Range 1 : Begin : 1XPBDL9E2ND730682 End : 1XPBAL9XOPD893571 Not sequential

Vehicle 2 : 2023-2023 Kenworth T680

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : PICKUP TRUCK

Power Train : HYBRID ELECTRIC

Descriptive Information : All Phase 2 Battery Electric Vehicles with R4 Software and earlier with part numbers Q30-6025 through Q30-6028.

There are 46 total trucks in the recall for Peterbilt Model 579 and Kenworth Model T680.

Production Dates : JAN 10, 2022 - DEC 20, 2022

VIN Range 1 : Begin : 1XKYDL9X4PR163107 End : 1XKYDL9X7PR471193 Not sequential**Description of Defect :**

Description of the Defect : The battery electric heavy duty electronic stability control program underestimates the mass of the vehicle.

FMVSS 1 : NR

FMVSS 2 : 136 - Electronic Stability Control Systems on Heavy Vehicles

Description of the Safety Risk : An incorrect estimate of vehicle mass can negatively impact the performance of the stability control system and may lead to a risk of a crash.

Description of the Cause : Supplier software parameter is incorrectly reporting values leading to under-estimating mass of vehicle.

Identification of Any Warning that can Occur : None

Involved Components :

Component Name 1 : Electronic Stability Control

Component Description : Software for Battery Electric Stability Control

Component Part Number : Q30-6025 -Q30-6028

Supplier Identification :

Component Manufacturer

Name : Meritor

Address : 2415 Auto Park Way
Escondido California 92029

Country : United States

Chronology :

11/1/2022 - Safety and Compliance opened investigation into subject.

11/2/2022 - Safety and Compliance talked with Engineering to get more information of the subject.

11/3/2022 - Safety and Compliance conducted a regulatory search to find all applicable regulations.

11/4/2022 - Safety and Compliance was included in Meritor/PACCAR weekly meeting.

11/10/2022 - Product Safety and Compliance talked with Engineering about testing plan and completion status.

11/11/2022 - Peterbilt Safety and Compliance discussed subject with Bendix. Received pertinent information involving system and possible effects.

11/14/2022 - Peterbilt Safety and Compliance sent questions to Meritor. Received information about the software and next steps.

11/30/2022 - Peterbilt Safety and Compliance got updates from Engineering about Testing results. Peterbilt Safety and Compliance reached out to Field Service about customer complaints. No complaints have been submitted. Warranty search found no claims submitted.

12/5/2022 - Product Safety and Compliance sent estimated chassis population to customer service for US/Canada split preparing for presentation.

12/6/2022 - Product Safety and Compliance completed US/Canada split for estimated chassis population at this time.

12/9/2022 – Product Safety and Compliance presented subject to Safety Committee. Committee requested more detail on the issue.

12/14/2022 - Meritor R5 software proposed for implementation.

12/16/2022 - Peterbilt Safety and Compliance reached out to Paccar Technical Center and supplier about previous completed supplier testing.

12/20/2022 – Meritor implemented containment plan of software version R5.

1/5/2023 – Safety and Compliance verifying affected chassis list.

1/10/2023 – Safety Committee meeting held to answer questions from previous meeting. Concluded with issuing a safety recall.

Description of Remedy :

Description of Remedy Program : Paccar will notify owners, and dealers that a software update will need to be performed on affected trucks. Owners who incurred costs to obtain a remedy for the problem addressed in 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 remedied vehicles will have a new release of the software, which is version R5.

Identify How/When Recall Condition was Corrected in Production : Vehicles in production received a software version R5 as of December 20th, 2022.

Recall Schedule :

Description of Recall Schedule : Customers will be notified within 60 days. Software updates are already in progress.

Planned Dealer Notification Date : MAR 17, 2023 - MAR 17, 2023

Planned Owner Notification Date : MAR 17, 2023 - MAR 17, 2023

* NR - Not Reported