

Part 573 Safety Recall Report

23V-423

Manufacturer Name : PACCAR Incorporated

Submission Date : JUL 06, 2023

NHTSA Recall No. : 23V-423

Manufacturer Recall No. : 23PBD



Manufacturer Information :

Manufacturer Name : PACCAR Incorporated

Address : 777 106TH AVENUE NORTHEAST
BELLEVUE WA 98004

Company phone : 940 591 4220

Population :

Number of potentially involved : 4,967

Estimated percentage with defect : 10 %

Vehicle Information :

Vehicle 1 : 2021-2023 Peterbilt 579

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : -Population basis, Model 579 with MX-13 engine and 160amp alternator
-Alternator cable routing with this configuration is close to a forward LH frame fastener
-4,967 trucks within affected population

Production Dates : JUN 15, 2020 - JUL 29, 2022

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : On certain Model 579 trucks equipped with a PACCAR MX-13 engine and PACCAR 160-amp alternator, the alternator positive cable may chafe against the left-hand side front spring bracket top rearward fastener, if the fastener was installed with the head on the outside of the frame rail.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Chafing of the alternator positive cable insulation may result in an increased risk of a fire.

Description of the Cause : During the assembly process the positive alternator cable was routed too close to the left-hand front spring bracket top rearward fastener.

Identification of Any Warning that can Occur : There are no warnings associated with this defect.

Involved Components :

Component Name 1 : Alternator Cable

Component Description : Positive Alternator Cable,

Component Part Number : See manufacturer comments section

Supplier Identification :

Component Manufacturer

Name : Peterbilt Motors Company

Address : 1700 Woodbrook Street
Denton Texas 76205

Country : United States

Chronology :

5/11/23 – Product Safety and Compliance received a Field Service report that a customer truck had an under-hood fire due to the positive alternator cable rubbing a front of frame fastener. An investigation was initiated.

5/16/23 – Product Safety and Compliance requested a warranty claim search and all Field Service reports related to under hood fires.

5/25/23 – Seven warranty claims and six related under hood fires were reported.

6/6/2023 – The Peterbilt Safety Committee met and determined that a defect related to motor vehicle safety does exist.

As of 6/6/2023, Paccar received 7 warranty claims and 6 report(s) about trucks in the field that may be related between 9/27/2022 and 6/6/2023. No reports of deaths or injuries have been received.

Description of Remedy :

Description of Remedy Program : Paccar will notify owners, and dealers will replace frame fastener and install it in the opposite direction along with properly securing the alternator cable free of charge. 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 : The left-hand side front spring bracket top rear fastener will be replaced

from Recalled Component : with a new fastener installed in the opposite direction, with the head inside the frame rail, giving more clearance for the alternator cable to be securely routed inside the frame.

Identify How/When Recall Condition was Corrected in Production : The Denton plant implemented a procedure on 7/29/2022 to turn around the front of frame bracket fasteners on MLU Model 579 chassis. The fastener bolt/huck will protrude outboard thereby providing additional inside the rail cable routing clearance.

Recall Schedule :

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

Planned Dealer Notification Date : AUG 11, 2023 - AUG 11, 2023

Planned Owner Notification Date : AUG 11, 2023 - AUG 11, 2023

* NR - Not Reported