

Part 573 Safety Recall Report

21V-609

Manufacturer Name : PACCAR Incorporated

Submission Date : OCT 07, 2021

NHTSA Recall No. : 21V-609

Manufacturer Recall No. : 21PBH



Manufacturer Information :

Manufacturer Name : PACCAR Incorporated

Address : 777 106TH AVENUE NORTHEAST
BELLEVUE WA 98004

Company phone : 940 591 4220

Population :

Number of potentially involved : 6

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2020-2020 Peterbilt 220

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : HYBRID ELECTRIC

Descriptive Information : Meritor provided confirmation the VINs.

These were a limited run of battery electric vehicles.

There were 6 VINs affected.

Production Dates : JUN 26, 2020 - JUN 26, 2020

VIN Range 1 : Begin : 3BPPHL6E8LF593172 End : 3BPPHL6E3LF593177

☐ Not sequential

Description of Defect :

Description of the Defect : The stator lug terminations were insufficiently crimped by the supplier, which created high resistance and ultimately excessive heat.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : The insufficiently crimped stator lug terminations can isolate the fault detection system and will not allow the high voltage system to start. The operator may experience loss of power due to the accessory systems that can increase the risk of a crash in the event of a failure to propel and/or failure to energize the system.

Description of the Cause : The stator lug terminations are component parts which are provided by Danfoss. Supplier (Danfoss) concurs that the cause of potential failure is insufficiently crimped terminations which are supplied to Meritor by Danfoss, creating high resistance and ultimately excessive heat

Identification of Any Warning that can Occur : Operator can experience a warning from the supervisory controller preceding a loss of power.

Involved Components :

Component Name 1 : Stator Assembly

Component Description : Stator Assembly

Component Part Number : A-3303S1111

Supplier Identification :**Component Manufacturer**

Name : Meritor

Address : 2135 West Maple Rd
Troy Michigan 48084

Country : United States

Chronology :

7/26/21 - NHTSA notified PACCAR that Meritor named it as receiving subject recall parts

7/28/21 - PACCAR confirmed through Meritor that recalled parts were on Peterbilt trucks and that Meritor had already inspected and replaced parts on subject trucks.

7/29/21 - Meritor confirmed VIN's on 6 Units already remedied in the field.

8/2/21 - Safety Committee reviewed information and agreed to submission of a recall.

Description of Remedy :

Description of Remedy Program : Meritor has already inspected and replaced the stator parts on the 6 subject vehicles.

How Remedy Component Differs from Recalled Component : The remedied 14Xe ePowertrain has stator lug terminations that are satisfactorily crimped.

Identify How/When Recall Condition was Corrected in Production : Containment established at supplier March 26, 2021 through the implementation of a new lug crimp tool. New crimp tool, training video and detailed work instructions provided to stake holders at supplier.

Recall Schedule :

Description of Recall Schedule : This recall work has already been performed by Meritor on subject trucks. No other owner notification is required.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

* NR - Not Reported