

# Part 573 Safety Recall Report

# 21V-181

**Manufacturer Name :** PACCAR Incorporated**Submission Date :** MAR 17, 2021**NHTSA Recall No. :** 21V-181**Manufacturer Recall No. :** 21PBC**Manufacturer Information :**

Manufacturer Name : PACCAR Incorporated

Address : 777 106TH AVENUE NORTHEAST  
BELLEVUE WA 98004

Company phone : 940 591 4220

**Population :**

Number of potentially involved : 1

Estimated percentage with defect : 100 %

**Vehicle Information :**

Vehicle 1 : 2021-2021 Peterbilt 536

Vehicle Type :

Body Style :

Power Train : NR

**Descriptive Information :** recalled population consists of certain engines that are equipped with Engine Control Module calibration Customer Software Interface Options DO2090500, DO2090900, DO9665200, and DO9844100. This recall involves all B6.7N engines with these specific calibrations that support SAE J1939 datalink communications at 500k baud rate. Engines with other calibrations that support SAE J1939 datalink communications at 250k baud rate are not affected.

Production Dates : AUG 21, 2019 - AUG 21, 2020

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

**Description of the Defect :** Due to a software calibration error in the subject calibration options, the subject engines may not limit engine speed or torque when certain electronic controllers request the limit via J1939 datalink TSC1 messages.

FMVSS 1 : NR

FMVSS 2 : NR

**Description of the Safety Risk :** The electronic controllers, if the vehicle is so equipped, may perform safety-related functions, such as vehicle braking control, vehicle traction control, vehicle stability control, vehicle speed control, or vehicle collision avoidance or other functions. Diminished performance of safety-related functions of certain electronic controllers of the vehicle may increase the risk of a crash.

Description of the Cause : Software calibration error

Identification of Any Warning NR  
that can Occur :

## Involved Components :

Component Name 1 : Cummins B6.7N Engines

Component Description : NR

Component Part Number : NR

## Supplier Identification :

### Component Manufacturer

Name : Cummins, Inc.

Address : NR

NR

Country : NR

## Chronology :

02-19-2021: Cummins notifies Paccar of safety recall 21E-014 filed and provides list of affected engine serial numbers. PACCAR begins to review and identify affected vehicles associated with each engine serial number provided by Cummins.

02-22-2021: List of affected vehicles is completed.

03-03-2021: All affected vehicles receive recall remedy.

03-11-2021: Kenworth and Peterbilt joint safety committee meets to review.

03-11-2021: Kenworth and Peterbilt joint safety committee concurs a safety related defect exists.

**Description of Remedy :**

Description of Remedy Program : PACCAR owns the vehicle affected and it was repaired as of March 10, 2021.

Description of Cummins's Field Remedy Program: Cummins Westport and Cummins will conduct a safety campaign to recalibrate the Engine Control Module with a corrected calibration. Cummins will notify owners. Reference Cummins recall 21E-014.

How Remedy Component Differs from Recalled Component : 02-19-2021: Cummins notifies Paccar of safety recall 21E-014 filed and provides list of affected engine serial numbers. PACCAR begins to review and identify affected vehicles associated with each engine serial number provided by Cummins.

02-22-2021: List of affected vehicles is completed.

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Identify How/When Recall Condition was Corrected in Production : Production Corrective Action: A corrected calibration was released for production on January 27, 2021 and for service on January 16, 2021.

**Recall Schedule :**

Description of Recall Schedule : None - there is only one vehicle involved in the PACCAR recall and it was repaired prior to the filing of this 573.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

\* NR - Not Reported