

Part 573 Safety Recall Report

17V-840

Manufacturer Name : PACCAR Incorporated**Submission Date :** DEC 22, 2017**NHTSA Recall No. :** 17V-840**Manufacturer Recall No. :** 1217F and 17KWF**Manufacturer Information :**

Manufacturer Name : PACCAR Incorporated

Address : 777 106TH AVENUE NORTHEAST
BELLEVUE WA 98004

Company phone : 999-999-9999

Population :

Number of potentially involved : 1,222

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2018-2018 Peterbilt 567, 579

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : Peterbilt and Kenworth vehicles containing Eaton Endurant and PACCAR AMT transmissions that do not contain transmission control module software 5516004 or later versions

Production Dates : MAY 01, 2017 - DEC 22, 2017

VIN Range 1 : Begin : NR End : NR

 Not sequential

Vehicle 2 : 2018-2018 Kenworth T680, T880

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Peterbilt and Kenworth vehicles containing Eaton Endurant and PACCAR AMT transmissions that do not contain transmission control module software 5516004 or later versions

Production Dates : JUN 19, 2017 - DEC 19, 2017

VIN Range 1 : Begin : NR End : NR

 Not sequential**Description of Defect :**

Description of the Defect : The transmission control module may allow engine cranking from 300 milliseconds to approximately one second after the vehicle is powered on when the shift stalk is not in neutral.

FMVSS 1 : 102 - Trans shift lever seq/starter interlock/trans braking effect

FMVSS 2 : NR

Description of the Safety Risk : The vehicle may move without warning if the engine starts or attempts to start without the parking brake or service brake applied. Unexpected movement could result in a crash or injury.

Description of the Cause : Upon receiving power, the Eaton Transmission Control Module (TCM) software assumes the shift stalk position is in the "Neutral" position, even if it is in a different position, until the shift stalk reports its actual position, which occurs approximately 1 second after power up.

Identification of Any Warning that can Occur : None

Supplier Identification :

Component Manufacturer

Name : Eaton Cummins Automated Transmission Tec

Address : 13100 E. Michigan Ave
Galesburg MICHIGAN 49053

Country : United States

Chronology :

December 15, 2017 - Eaton informed the Kenworth and Peterbilt Safety and Compliance Departments of an internal investigation relating to the possibility of unexpected engine starts in vehicles with the Eaton Endurant transmission. Under certain conditions, the engine may start with the transmission in gear.

December 18, 2017 - Eaton reported that its investigation identified the transmission control module (TCM) software as the cause. Eaton further reported it discovered the issue during a software review. It had not receive reports of incidents involving any vehicle in the field, but Eaton was able to create the event on vehicles their facility.

December 19, 2017 - Eaton developed corrective update to transmission control module software that prevents the engine starter from engaging until the shift stalk reports that it is in neutral. Corrective update is software version 5516004.

December 20, 2017 - Eaton employees arrived at PACCAR vehicle assembly plants to flash transmission control modules to version 5516004.

December 21, 2017 - Peterbilt and Kenworth Safety Committees met and decided that a noncompliance with FMVSS 102 exists.

Description of Remedy :

Description of Remedy Program : The remedy is TCM software number 5516004. This is a corrective update to the software that gave rise to the transmission issue. Dealers will reflash transmission control modules in affected vehicles with the updated software.

How Remedy Component Differs from Recalled Component : The remedy is TCM software number 5516004.

Identify How/When Recall Condition was Corrected in Production : The transmission issue was corrected by using updated TCM software that prevents the engine starter from engaging until the shift stalk reports that it is in neutral.

Recall Schedule :

Description of Recall Schedule : early 2018

Planned Dealer Notification Date : JAN 19, 2018 - NR

Planned Owner Notification Date : FEB 16, 2018 - NR

* NR - Not Reported