

# Part 573 Safety Recall Report

# 17E-078

**Manufacturer Name :** Eaton Cummins Automated Transmission Tec

**Submission Date :** DEC 20, 2017

**NHTSA Recall No. :** 17E-078

**Manufacturer Recall No. :** NR



## Manufacturer Information :

## Population :

**Manufacturer Name :** Eaton Cummins Automated Transmission Tec

**Address :** 13100 E Michigan Ave  
Galesburg MI 49053

**Company phone :** 269-342-3184

**Number of potentially involved :** 1,338

**Estimated percentage with defect :** 100 %

## Equipment Information :

**Brand / Trade 1 :** Endurant

**Model :** EEO-17F112C

**Part No. :** EEO-17F112C

**Size :** NR

**Function :** Transmission

**Descriptive Information :** Affected parts are those that do not contain TCM software 5516004 and later versions.

**Production Dates :** SEP 01, 2017 - DEC 20, 2017

**Brand / Trade 2 :** PACCAR

**Model :** PO-14F112C

**Part No. :** PO-14F112C

**Size :** NR

**Function :** Transmission

**Descriptive Information :** Affected parts are those that do not contain TCM software 5516004 and later versions.

**Production Dates :** SEP 01, 2017 - SEP 30, 2017

**Brand / Trade 3 :** PACCAR

**Model :** PO-15F112C

**Part No. :** PO-15F112C

**Size :** NR

**Function :** Transmission

**Descriptive Information :** Affected parts are those that do not contain TCM software 5516004 and later versions.

Production Dates : OCT 01, 2017 - NOV 30, 2017

Brand / Trade 4 : PACCAR

Model : PO-16F112C

Part No. : PO-16F112C

Size : NR

Function : Transmission

Descriptive Information : Affected parts are those that do not contain TCM software 5516004 and later versions.

Production Dates : SEP 01, 2017 - DEC 20, 2017

Brand / Trade 5 : PACCAR

Model : PO-17F112C

Part No. : PO-17F112C

Size : NR

Function : Transmission

Descriptive Information : Affected parts are those that do not contain TCM software 5516004 and later versions.

Production Dates : OCT 01, 2017 - DEC 20, 2017

Brand / Trade 6 : PACCAR

Model : PO-18F112C

Part No. : PO-18F112C

Size : NR

Function : Transmission

Descriptive Information : Affected parts are those that do not contain TCM software 5516004 and later versions.

Production Dates : OCT 01, 2017 - DEC 20, 2017

Brand / Trade 7 : Endurant

Model : EEO-16F112C

Part No. : EEO-16F112C

Size : NR

Function : Transmission

Descriptive Information : Affected parts are those that do not contain TCM software 5516004 and later versions.

Production Dates : OCT 01, 2017 - DEC 20, 2017

Brand / Trade 8 : Endurant

Model : EEO-18F112C

Part No. : EEO-18F112C

Size : NR

Function : Transmission

Descriptive Information : Affected parts are those that do not contain TCM software 5516004 and later versions.

Production Dates : OCT 01, 2017 - DEC 20, 2017

## Description of Noncompliance :

Description of the Noncompliance : The transmission control module (TCM) 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 : As a result of the transmission issue, a vehicle crash may occur without prior warning. Specifically, unintended vehicle motion may occur if the engine starts running without the parking brake or service brake applied and the driver has not selected the intended transmission mode for vehicle start. Eaton Cummins Automated Transmission Technologies has not received any reports of injuries or property damage caused by the issue, but such could result from failing to apply the service brake or parking brake when the engine starts, before selection of the intended transmission mode.

Description of the Cause : Upon receiving power, the TCM software considers the shift stalk in neutral, even if it is in a different position, until the shift stalk reports its actual position, which occurs approximately one second after power up.

Identification of Any Warning that can Occur : None.

## Supplier Identification :

### Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

**Chronology :**

NR

**Description of Remedy :**

Description of Remedy Program : NR

How Remedy Component Differs from Recalled Component : The remedy is TCM software number 5516004. This is a corrective update to the software that gave rise to the transmission issue.

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 : The OEM will be notifying purchasers.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

**Purchaser Information :**

The following manufacturers purchased this defective/noncompliant equipment for possible use or installation in new motor vehicles or new items of motor vehicle equipment:

Name : PACCAR

Address : 777 106th Ave NE  
Bellevue WA 98004

Country : US

Company Phone : 4254687400

\* NR - Not Reported