

Part 573 Safety Recall Report

21V-080

Manufacturer Name : PACCAR Incorporated**Submission Date :** FEB 17, 2021**NHTSA Recall No. :** 21V-080**Manufacturer Recall No. :** 21KWA / 21PBB**Manufacturer Information :****Population :**

Manufacturer Name : PACCAR Incorporated

Number of potentially involved : 132

Address : 777 106TH AVENUE NORTHEAST

Estimated percentage with defect : 100 %

BELLEVUE WA 98004

Company phone : 940 591 4220

Vehicle Information :

Vehicle 1 : 2021-2022 Kenworth T680,T880,W990,T800,W900

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : The recalled population consists of certain engines having flywheel-to-crankshaft attachment capscrews improperly torqued. The suspect engines were identified using Cummins' manufacturing records for capscrew torque.

Production Dates : NOV 09, 2020 - JAN 20, 2021

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2021-2022 Peterbilt 579,567,389,367

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : The recalled population consists of certain engines having flywheel-to-crankshaft attachment capscrews improperly torqued. The suspect engines were identified using Cummins' manufacturing records for capscrew torque.

Production Dates : OCT 30, 2020 - JAN 14, 2021

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : Capscrews attaching the flywheel to the crankshaft may not be properly torqued to the specification.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : On affected vehicles, the engine's flywheel may be susceptible to detaching

Description of the Safety Risk : from the crankshaft, possibly leading to loss of motive power, which may increase the risk of a crash. Additionally, driveline pieces may be ejected from the engine compartment, which may increase the risk of personal injury.

Description of the Cause : During the affected production period, the torque gun used during the engine assembly process did not have a lower control limit in place.

Identification of Any Warning that can Occur : Prior to failure, the driver may notice noise, vibration or difficult clutch operation in vehicles equipped with manual transmissions. In vehicles equipped with automated transmissions, a clutch fault lamp may illuminate.

Involved Components :

Component Name 1 : NR

Component Description : Cummins X15 Engine

Component Part Number : D103109BX03

Supplier Identification :

Component Manufacturer

Name : Cummins Inc

Address : Box 3005, Mail Code 41303

Columbus 47202

Country : NR

Chronology :

02-05-2021: Cummins notifies Paccar of safety recall 21E009 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.

02-11-2021: List of affected vehicles is completed.

02-12-2021: Kenworth and Peterbilt joint safety committee meets to review.

02-14-2021: Kenworth and Peterbilt joint safety committee concurs that vehicles with loose flywheel capscrews present a defect related to motor vehicle safety.

Description of Remedy :

Description of Remedy Program : The subject capscrews will be properly torqued. The engine will also be inspected for damage and, if necessary, repaired.
Pursuant to 49 CFR 577.11(e), Cummins requests that it be exempt from providing notification of a reimbursement plan. Any pre-notification product failure would have been replaced under the manufacturer's limited warranty. Accordingly, no person would be eligible for reimbursement pursuant to 573.13.

How Remedy Component Differs from Recalled Component : The remedy does not consist of replacing a recalled component. If inspection reveals any damaged parts, those parts will be replaced with the identical OE part.

Identify How/When Recall Condition was Corrected in Production : A Lower Control Limit with a failsafe was implemented on the torque gun used during the engine assembly process on January 11, 2021.

Recall Schedule :

Description of Recall Schedule : NR

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

* NR - Not Reported