

# Part 573 Safety Recall Report

# 21V-391

**Manufacturer Name :** PACCAR Incorporated**Submission Date :** JUL 12, 2021**NHTSA Recall No. :** 21V-391**Manufacturer Recall No. :** 21KWC, 21PBD**Manufacturer Information :****Population :**

Manufacturer Name : PACCAR Incorporated

Number of potentially involved : 612

Address : 777 106TH AVENUE NORTHEAST

Estimated percentage with defect : 1 %

BELLEVUE WA 98004

Company phone : 940 591 4220

**Vehicle Information :**

Vehicle 1 : 2018-2021 Kenworth T270, T370, T440, T470, T800 and T880

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Population was determined using engine serial numbers provided by Cummins

Production Dates : JAN 10, 2017 - OCT 29, 2020

VIN Range 1 : Begin : NR End : NR  Not sequential

Vehicle 2 : 2018-2021 Peterbilt 337, 348, 365, 367, 520, 567

Vehicle Type : BUSES, MEDIUM &amp; HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : Population was determined based on engine serial number list provided by Cummins

Production Dates : JAN 16, 2017 - SEP 15, 2020

VIN Range 1 : Begin : NR End : NR  Not sequential**Description of Defect :**

Description of the Defect : Cummins PX9 and ISX12 fuel rails may leak around a sealing washer, potentially resulting in fuel leaks.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Undetected prolonged diesel fuel spray in the presence of an ignition source may increase the risk of fire.

Description of the Cause : Cummins PX9 and ISX12 fuel rails may have undersized pilot bores for the sealing washer, thus preventing the washer from sealing properly.

Identification of Any Warning that can Occur : Customer may smell diesel fuel or notice the leak.

## Involved Components :

Component Name 1 : Cummins ISX12

Component Description : Diesel Engine

Component Part Number : D563025BX03

Component Name 2 : Cummins L9

Component Description : Diesel Engine

Component Part Number : DOK3003BX03

## Supplier Identification :

### Component Manufacturer

Name : Cummins

Address : Box 3005

Mailcode 41303 C Columbus Indiana 47202

Country : United States

## Chronology :

4/29/2021: Cummins notifies PACCAR of Recall 21E-032 for PX9/ISX12 potential fuel rail leaks and provides affected Engine Serial Number list for Peterbilt and Kenworth vehicles. Safety & Compliance sent ESN list to plants to identify chassis associated with the ESNs provided.

4/30-5/18/2021: Research to match ESNs to VINs is performed; discrepancies investigated with Cummins

5/3/2021: Cummins communicates that the overall production of all engines with the same fuel rail design were built from 1/2/2017 to 10/16/2020 with 47,942 L9 engines made and 12,667 ISX12 engines made. Total number of fuel rail replacement claims was 366 for all failures, not just this issue.

5/21/2021: Cummins provided a picture of a fuel rail leak from the field showing a cloud of misting fuel.

5/24/2021 Peterbilt and Kenworth hold joint safety committee meeting and determine a defect relating to motor vehicle safety exists.

## Description of Remedy :

Description of Remedy Program : Fuel rail threads will be inspected for damage. If there is no damage found, new crush washers will be installed and a paint dot will be placed on the rail to indicate completed repair. If fuel rail threads are damaged, a new fuel rail of a different design will be installed.

How Remedy Component Differs from Recalled Component : If upon inspection, only the crush washer is replaced, the fuel rail will have a paint dot plated on it. If a whole new rail is installed the design is different.

Identify How/When Recall Condition was Corrected in Production : Cummins previously changed the design

## Recall Schedule :

Description of Recall Schedule : Customers will be notified within 60 days

Planned Dealer Notification Date : JUL 24, 2021 - JUL 24, 2021

Planned Owner Notification Date : JUL 24, 2021 - JUL 24, 2021

\* NR - Not Reported