

Part 573 Safety Recall Report

21E-063

Manufacturer Name : Cummins, Inc.

Submission Date : AUG 20, 2021

NHTSA Recall No. : 21E-063

Manufacturer Recall No. : C2465



Manufacturer Information :

Manufacturer Name : Cummins, Inc.

Address : Box 3005, Mail Code 41303
Columbus IN 47202-3005

Company phone : 812-377-5000

Population :

Number of potentially involved : 2,922

Estimated percentage with defect : 100 %

Equipment Information :

Brand / Trade 1 : Cummins Inc.

Model : L9

Part No. : D563027BX03

Size : NR

Function : Diesel Engine

Descriptive Information : These engines are equipped with a remote Stage 2 fuel filter (Option Numbers FF90942, FF90943, FF90944, FF91044) which includes pressurized fuel hoses. The recall consists of the entire population of MY21 engines built with a remote fuel filter option prior to the introduction of a new fuel hose design.

Production Dates : MAR 27, 2019 - JUN 15, 2021

Description of Defect :

Description of the Defect : A fuel leak may occur in the fuel hoses between the fuel pump and remote filter head.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : A fuel leak in the presence of an ignition source may increase the risk of a fire.

Description of the Cause : The cause of the issue is inadequate design and quality of the fuel hose assembly.

Identification of Any Warning that can Occur : Persons operating in or around the vehicle may see smoke before sufficient heat creates a fire.

Involved Components :

Component Name : Fuel Hose

Component Description : Fuel carrying hose with quick connect fittings

Component Part Number : 5563641, 5563642, 5563643

Supplier Identification :

Component Manufacturer

Name : Imperial Auto Industries Limited

Address : Plot # 94 Sector 25 Faridabad
Faridabad Foreign States 121004

Country : India

Chronology :

February 13, 2021 – Cummins received a field report of an incident in which the subject pressurized fuel hoses swelled and contacted a nearby v-band clamp edge resulting in a fuel leak.

Feb 13 - March 12, 2021 – Cummins conducted a lab analysis of the failed hose from the field incident.

May 2021 – Cummins received reports from multiple OEMs of fuel leaks at their vehicle assembly plants. These leaks were corrected by Cummins technicians and Cummins investigated the failures.

June 12, 2021 – Cummins stopped shipping engines equipped with the remote filter option.

June 15, 2021 – Cummins resumed production using new hoses with a new design.

June 14-30, 2021 – Cummins completed a Product Safety Hazard Analysis and further reviewed the potential safety implications of this condition.

July 6, 2021 – Cummins Product Safety Defect Board decided to conduct a Safety Recall to address this condition.

To date, there have been no reports of injuries or fires due to this condition.

Description of Remedy :

Description of Remedy Program : 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.

The remedy will be to replace the subject fuel hoses, to and from the remote fuel filter, with fuel hoses of a new design.

How Remedy Component Differs from Recalled Component : The new fuel hoses will have a unique part number and are visibly different.

Identify How/When Recall Condition was Corrected in Production : Production of engines with the new design fuel hoses began on June 15, 2021.

Recall Schedule :

Description of Recall Schedule : Cummins expects to notify affected OEMs no later than July 16, 2021. Cummins will conduct the recall and notify owners with OEM agreement. The timing of owner notification will be determined in consultation with the affected OEMs. Cummins expects to send letters to owners no later than September 3, 2021.

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

Planned Owner Notification Date : SEP 03, 2021 - SEP 03, 2021

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 : Daimler Trucks North America

Address : 4747 N. Channel Ave
Portland OR 97217

Country : US

Company Phone : 5037457385

Name : Gillig Corporation

Address : 451 Discovery Dr
Livermore CA 94551

Country : US

Company Phone : 5102643833

Name : Nova Bus
Address : 1000, Industriel Blvd
Saint-Eustache, Quebec 00 J7R 5A5
Country : CA
Company Phone : 4509746043

Name : The Shyft Group
Address : 1541 Reynolds Rd
Charlotte MI 48813
Country : US
Company Phone : 5177595793

Name : Temsa Skoda Savanci Ulasim Araclari AS
Address : Sarihamzali Mahallesi, Turhan CEmal
Seyhan, Adana, +D19:G1901323 00
Country : TR
Company Phone : 3224410226

Name : El Dorado
Address : 9670 Galena Street
Riverside CA 92509
Country : US
Company Phone : 5919557349

Name : Kenworth Motor Truck Co
Address : 10630 NE 38th Place
Kirkland WA 98033
Country : US
Company Phone : 4258285201

Name : New Flyer Industries
Address : 711 Kernaghan Ave
Winnepeg 00 MB R2C3T4
Country : CA
Company Phone : 2042246706

Name : Peterbilt Motors Company
Address : 3200 Airport Rd
Denton TX 76202
Country : US
Company Phone : 9402202760

Name : Sutphen Corporation

Address : 6450 Eiterman Rd.

Dublin OH 43016

Country : US

Company Phone : 6148891005

Name : Tiffin Motorhomes

Address : 105 2nd Street, NW

Red Bay AL 35582

Country : US

Company Phone : 2563563088

Name : Autocar LLC

Address : 551 South Washington Street

Hagerstown IN 47346

Country : US

Company Phone : 7654896081

Name : Grove Worldwide

Address : 1565 Buchanan Trail East

Shady Grove PA 17256

Country : US

Company Phone : 7175935234

Name : Crane Carrier Company

Address : 12536 E 52nd

Tulsa OK 74146

Country : US

Company Phone : 9182862424

* NR - Not Reported