



Cummins, Inc.

Equipment Report

NHTSA ID: 21E032 Transaction ID: 21-00339-25887-10 (Original Report)

Required fields indicated with *

Manufacturer: Cummins, Inc.

Box 3005, Mail Code 41303
Columbus IN 47202-3005

[Mark Wilson](#) Director - Product Safety
812-377-7543,

This is a Safety Defect Report.

Equipment Information

Cummins Inc. L9 D0K3003BX03

* **Brand/Trade:** Cummins Inc.

* **Model:** L9

Production Dates Begin: 01/02/2017
End: 10/16/2020

* **Part No.:** D0K3003BX03

Size: N/A

Function:
Diesel engine

Descriptive Information:

These engines are equipped with High Pressure Common Rail fuel systems which includes a high pressure fuel rail. The production begin and end dates were determined from the manufacturing and quality records that established the population of high pressure rails and engines that may contain the defect. The recall consists of engines installed in bus, school bus, emergency vehicle and recreational vehicles due to relatively low detectability of the potential hazard and relatively high vulnerability to potential injury in those applications.

Cummins Inc. ISX12 D563025BX03

* **Brand/Trade:** Cummins Inc.

* **Model:** ISX12

Production Dates Begin: 01/02/2017
End: 10/16/2020

* **Part No.:** D563025BX03

Size:

Function:
Diesel engine

Descriptive Information:

These engines are equipped with High Pressure Common Rail fuel systems which includes a high pressure fuel rail. The production begin and end dates were determined from the manufacturing and quality records that established the population of high pressure rails and engines that may contain the defect. The recall consists of engines installed in bus, school bus, emergency vehicle and recreational vehicles due to relatively low detectability of the potential hazard and relatively high vulnerability to potential injury in those applications.

Number potentially involved: 44956

Estimated percentage of involved with defect: 1%

Defect / Noncompliance Description

For this Defect/Noncompliance:

* **Describe the defect or noncompliance:**

The fuel rail assembly may develop leaks, which may result in an undetected prolonged diesel fuel spray.

If a noncompliance, provide the applicable FMVSS:

If applicable, provide any further FMVSS affected:

Describe the cause:

The rail end sealing bores in the fuel rail may have undersized pilot bores for the sealing washer, thus preventing the washer from properly seating, potentially resulting in inadequate load for the joint to remain properly sealed in service.

* **Describe the safety risk:**

A leak involving spraying/misting fuel in the presence of an ignition source may increase the risk of fire.

Identify any warning which can precede or occur:

The operator may see or smell diesel fuel. In some cases, the check engine lamp may illuminate.

This Recall affects all vehicles.

If applicable, identify the manufacturer of the defective or noncompliant component. If the manufacturer of the component is unknown, provide the information for the company that supplied the subject component.

Component manufacturer

Company Information

Company Name: Senior Flexonics -
Land Vehicles

Company Contact Information

First Name: Terry

Last Name: Zillmer

| | | | |
|-------------------------|-----------------------|------------------|------------------------------|
| Country: | United States | Position: | Unit Director |
| Address 1: | 300 East Devon Avenue | Email: | tzillmer@seniorflexonics.com |
| Address 2: | | Phone: | 6303724382 |
| City: | Bartlett | | |
| State: | ILLINOIS | | |
| Zip/Postal Code: | 60103 | | |

Involved Components

If the defect or noncompliance involves a specific component(s), identify that component(s) below.

| | |
|-------------------------------|----------------------------------|
| Component Name: | Accumulator |
| Component Description: | high pressure fuel rail assembly |
| Component Part Number: | 4307034 |

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|-------------------------------|----------------------------------|
| Component Name: | Accumulator |
| Component Description: | high pressure fuel rail assembly |
| Component Part Number: | 4307377 |

Purchaser Information

| | | | |
|-------------------------|------------------------------|--------------------|-----------------------------------|
| Company: | Daimler Trucks North America | First Name: | Larissa |
| Country: | United States | Last Name: | Stoffels |
| Address 1: | 4747 N. Channel Ave | Position: | Executive Manager, Vehicle Safety |
| Address 2: | | Email: | larissa.stoffels@daimler.com |
| City: | Portland | Phone: | 5037457385 |
| State: | OREGON | | |
| Zip/Postal Code: | 97217 | | |

| | | | |
|-------------------------|---------------------|--------------------|---------------------|
| Company: | E-One | First Name: | Brian |
| Country: | United States | Last Name: | Tenance |
| Address 1: | 1601 SW 37th Avenue | Position: | Compliance Engineer |
| Address 2: | | Email: | btenance@e-one.com |
| City: | Ocala | Phone: | 3528613390 |
| State: | FLORIDA | | |
| Zip/Postal Code: | 34474 | | |

| | | | |
|-------------------------|---------------------|--------------------|---------------------------------------|
| Company: | Gillig Corporation | First Name: | James |
| Country: | United States | Last Name: | MacIsaac |
| Address 1: | 451 Discovery Drive | Position: | Product Safety and Compliance Manager |
| Address 2: | | Email: | james.macisaac@gillig.com |
| City: | Livermore | Phone: | 5102643833 |
| State: | CALIFORNIA | | |
| Zip/Postal Code: | 94551 | | |

| | | | |
|-------------------------|-----------------------|--------------------|------------------------|
| Company: | HME, INC | First Name: | David |
| Country: | United States | Last Name: | Cassleman |
| Address 1: | 1950 Byron Center Ave | Position: | |
| Address 2: | | Email: | dcassleman@hmetruck.om |
| City: | Wyoming | Phone: | 6165341463256 |
| State: | MICHIGAN | | |
| Zip/Postal Code: | 49519 | | |

| | | | |
|-------------------------|------------------------|--------------------|---------------------------------------|
| Company: | KME | First Name: | Brian |
| Country: | United States | Last Name: | Polgrean |
| Address 1: | One Industrial Complex | Position: | Compliance Safety Reliability Manager |
| Address 2: | | Email: | bpolgrean@kmeffire.com |
| City: | Nesquehoning | Phone: | 5702732859 |
| State: | PENNSYLVANIA | | |
| Zip/Postal Code: | 18240 | | |

| | | | |
|-------------------------|---|--------------------|---------------------------------------|
| Company: | NOVATransit Bus | First Name: | Sam |
| Country: | Canada | Last Name: | Hrvacic |
| Address 1: | 1000, Industriel Blvd | Position: | |
| Address 2: | | Email: | sam.hrvacic@volvo.com |
| City: | Saint-Eustache, Quebec | Phone: | 4509746043 |
| State: | FOREIGN STATES | | |
| Zip/Postal Code: | J7R 5A5 | | |
| Company: | Pierce Manufacturing, Inc. | First Name: | Scott |
| Country: | United States | Last Name: | Goeb |
| Address 1: | 2600 American Drive | Position: | Manager, Product Safety |
| Address 2: | | Email: | sgoeb@piercemfg.com |
| City: | Appleton | Phone: | 9208323346 |
| State: | WISCONSIN | | |
| Zip/Postal Code: | 54912 | | |
| Company: | Rosenbauer Motors | First Name: | Brad |
| Country: | United States | Last Name: | Johnson |
| Address 1: | 5190 260th Street | Position: | |
| Address 2: | | Email: | bjohnson@rosenbaueramerica.com |
| City: | Wyoming | Phone: | 6514627589 |
| State: | MINNESOTA | | |
| Zip/Postal Code: | 55092 | | |
| Company: | Seagrave Fire Apparatus, LLC | First Name: | Nick |
| Country: | United States | Last Name: | Kahl |
| Address 1: | 105 East 12th Street | Position: | |
| Address 2: | | Email: | nicholas.kahl@seagrave.com |
| City: | Clintonville | Phone: | 71582321411910 |
| State: | WISCONSIN | | |
| Zip/Postal Code: | 54929 | | |
| Company: | The Lyft Group | First Name: | Wes |
| Country: | United States | Last Name: | Chestnut |
| Address 1: | 1541 Reynolds Road | Position: | Product Safety and Compliance Manager |
| Address 2: | | Email: | wes.chestnut@theshyftgroup.com |
| City: | Charlotte | Phone: | 5177595793 |
| State: | MICHIGAN | | |
| Zip/Postal Code: | 48813 | | |
| Company: | Vanhool, NV | First Name: | Pascale |
| Country: | Belgium | Last Name: | Rayntjens |
| Address 1: | Bernard Van Hoolstraat 58 | Position: | Chief Compliance and Regulation |
| Address 2: | | Email: | pascale.reyntjens@vanhool.be |
| City: | Lier (Konishgshooikt) | Phone: | 0323422732 |
| State: | FOREIGN STATES | | |
| Zip/Postal Code: | BE-2500 | | |
| Company: | American Coach De Mexico | First Name: | Adan |
| Country: | Mexico | Last Name: | Lecona |
| Address 1: | Avienda Corredor Industrial 3R-2 | Position: | Director |
| Address 2: | Fraccionamiento Industrialm 43998 Cd. | Email: | direcciongeneral@spacetours.com.me |
| City: | Sahagun, Hidalgo | Phone: | 52 15537073078 |
| State: | FOREIGN STATES | | |
| Zip/Postal Code: | | | |
| Company: | Higer Bus Company Limited | First Name: | Jianguo |
| Country: | China | Last Name: | Miao |
| Address 1: | No. 288 Suhong East Road, Industry Park | Position: | North and Central America Director |

| | | | |
|-------------------------|--|--------------------|---|
| Address 2: | | Email: | miagojg@higer.com |
| City: | Suzhou, Jiangsu | Phone: | 86 13962690264 |
| State: | FOREIGN STATES | | |
| Zip/Postal Code: | | | |
| Company: | Temsa Skoda Sabanci Ulasim Araclari AS | First Name: | Cihan |
| Country: | Turkey | Last Name: | Yaycioglu |
| Address 1: | Sarihamzali Mahallesi, Turhan CEmal | Position: | Aftermarket Manager |
| Address 2: | Beriker Bulv. 563A | Email: | cihan.yaycioglu@temsa.com |
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| State: | FOREIGN STATES | | |
| Zip/Postal Code: | | | |
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| Country: | Spain | Last Name: | Bustos |
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| State: | FOREIGN STATES | | |
| Zip/Postal Code: | 20216 | | |
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| Country: | Canada | Last Name: | Denton |
| Address 1: | 130 Pippin Rd, Unit B | Position: | Lead Homologation Engineer |
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| State: | FOREIGN STATES | | |
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| Company: | Blue Bird Corporation | First Name: | Gerry |
| Country: | United States | Last Name: | Ringe |
| Address 1: | 3920 Arkwright Road, Suite 200 | Position: | Director, Government Specifications and Testing |
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| City: | Macon | Phone: | 4788222148 |
| State: | GEORGIA | | |
| Zip/Postal Code: | 31210 | | |
| Company: | El Dorado | First Name: | Ken |
| Country: | United States | Last Name: | Edwards |
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| City: | Riverside | Phone: | 9095919557349 |
| State: | CALIFORNIA | | |
| Zip/Postal Code: | 92509 | | |
| Company: | Jiangxi KAMA Business Bus Co., Ltd | First Name: | Han |
| Country: | China | Last Name: | Li |
| Address 1: | No. 149 West Yuping Rd | Position: | Director of Overseas Sales |
| Address 2: | Nanchang Economic Development Zone | Email: | ken@bonluckbus.com |
| City: | Jiangxi | Phone: | 86 13755681010 |
| State: | FOREIGN STATES | | |
| Zip/Postal Code: | 330013 | | |
| Company: | Motor Coach Industries, LTD | First Name: | Juliano |
| Country: | Canada | Last Name: | Palma |
| Address 1: | 1475 Clarence Ave | Position: | Vice President, Quality |
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| State: | FOREIGN STATES | | |

Zip/Postal Code: MB R3T 1T5

Company: Ferrara Fire Apparatus
Country: United States
Address 1: 27855 James Chapel Road
Address 2:
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State: LOUISIANA
Zip/Postal Code: 70744

First Name: Charlie
Last Name: Grimes
Position: Field Service and Warranty Manager
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Company: Kenworth Motor Truck Co
Country: United States
Address 1: 10630 NE 38th Place
Address 2:
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State: WASHINGTON
Zip/Postal Code: 98033

First Name: Melissa
Last Name: Trumbore
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Phone: 4258285201

Company: Navistar Int'l Transportation
Country: United States
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First Name: Richard
Last Name: Van Laar
Position: Product Compliance Manager
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Zip/Postal Code: MB R2C3T4

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First Name: Jim
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First Name: Mark
Last Name: Clark
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State: ALABAMA
Zip/Postal Code: 35582

First Name: Gary
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Phone: 2563563088

Chronology of Defect / Noncompliance Determination

Provide the chronology of events leading up to the defect decision or test data for the noncompliance decision.:

February 10, 2021 – A field service technician reported to Cummins that eight buses belonging to a single customer had been repaired since December 2020 for leaks at sealing washers in the fuel rail. February 11- March 1, 2021 – Cummins investigated the cause of the leaks with the supplier of the rail and began an investigation of field warranty claims. Cummins conducted an initial Product Safety Hazard Analysis. March 3 – April 12, 2021 – Cummins escalated the issue through its Product Safety Defect Board process, gathered additional data and revised the Product Safety Hazard Analysis. Cummins issued a Technical Service Bulletin (TSB210055) on March 4, 2021 to allow the field to replace rails that have washer leaks with a different rail and their associated fuel lines. (TSB210055 was submitted to NHTSA on April 7, 2021 in accordance with 49 CFR Part 579.5.) April 13, 2021 – Based upon the results of the investigation, Cummins' Product Defect Safety Board decided to conduct a safety campaign on engines installed in buses, school buses, emergency vehicle and recreational vehicle applications. To date, there have been no reports of accidents, fires or injuries related to this condition.

Identify the Remedy**Describe the defect/noncompliance remedy program, including the manufacturer's plan for reimbursement.**

A recall-specific reimbursement plan will be provided in the Recall Portal for those units not covered by the manufacturer's limited warranty. Cummins is developing the remedy and will amend this report accordingly.

Describe what distinguishes the remedy component from the recalled component.**Identify and describe how and when the recall condition was corrected in production.**

The rail manufacturing statistical process control for the pilot bores was confirmed in control after October 19, 2021.

Identify the Recall Schedule**Describe the recall schedule for notifications.:**

Cummins expects to notify affected OEMs no later than April 30, 2021. Cummins will conduct the recall and notify owners. The timing of owner notification will be determined in consultation with the affected OEMs. Cummins is developing the recall schedule, but in any case expects to notify owners no later than June 19, 2021.

Planned Dealer Notification Begin Date:**Planned Dealer Notification End Date:****Planned Owner Notification Begin Date:****Planned Owner Notification End Date:****Manufacturer's identification code for this recall (if applicable):**

Please be reminded that owner notification letters must be mailed no more than 60 days from submission of this report.

Manufacturer Comments to NHTSA Staff**Document Upload**

There are 0 documents associated with this report.