

DAIMLER

Defect Information Report (Section 573.6)

FL-690

Date of Submission: September 30, 2015

Manufacturer: Daimler Trucks North America LLC
P.O. BOX 3849
Portland, Oregon 97208

Type of Report: **Safety Defect** **Non-Compliance**

Vehicle Information

Model Yr. Start: 2016 **Model Yr. End:** 2016
Make: Thomas Built Bus
Model: Saf-T-Liner C2
Production Dates: **Begin:** 08/6/2015
End: 08/20/2015

Descriptive Information:

Thomas Built School Busses equipped with Cummins ISB 6.7 engines.

Number potentially involved: 4 **Estimated percentage of involve with defect:** 0%

Defect / Noncompliance Description

For this Defect/Noncompliance:

Describe the defect or noncompliance:

Cummins Inc has reported that "The Engine Control Module (ECM) may develop an internal electrical short circuit that could possibly blow a fuse in the ECM's electrical supply circuit, resulting in an engine stall without warning. If this occurs, the engine cannot be restarted until the ECM and fuse are replaced." See attached Cummins Inc Defect Information Report. NHTSA Recall 15E-073

If a noncompliance, provide the applicable FMVSS:

Check if this recall only affects products in certain geographic regions.

Describe the safety risk:

Cummins Inc has reported that "An unexpected engine stall without the ability to restart the engine may lead to an increased risk of a crash." See attached Cummins Inc Defect Information Report. NHTSA Recall 15E-073

DAIMLER

If applicable, identify the manufacture of the defective or noncompliant component.

Cummins Inc.
500 Jackson Street,
Columbus, IN 47201.
Attn: Mark L. Wilson – Director Product Safety 812-377-7543

Chronology of Defect / Noncompliance Determination

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

September 2015 – Cummins notified DTNA of NHTSA Recall 15E-073
September 2015 – DTNA decided to initiate a voluntary safety recall.

Identify the Remedy

Describe the defect/noncompliance remedy program, including the manufacture's plan for reimbursement.

Cummins Inc is conducting this recall. Cummins will replace the existing ECM with a new (remedy) ECM. Repairs will be performed by Cummins authorized service facilities. See attached Cummins Inc Defect Information Report NHTSA Recall 15E-073

Identify the Recall Schedule

Describe the recall schedule for notifications:

Cummins Inc will notify owners and dealers. See attached Cummins Inc Defect Information Report. NHTSA Recall 15E-073

Planned Dealer Notification Begin Date: 11/28/2015

Planned Dealer Notification End Date: 11/28/2015

Planned Owner Notification Begin Date: 11/28/2015

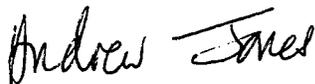
Planned Owner Notification End Date: 11/28/2015

Manufacture's identification code for this recall (if applicable): FL-690

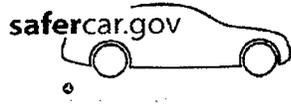
Manufactures Comments to NHTSA Staff

Estimated percentage of involve with defect is entered as 0, but actual percentage is unknown.

DTNA Representative;



Andy Jones
Senior Manager
Compliance and Regulatory Affairs



Cummins Inc.

Equipment Report

NHTSA ID: 15E073 Transaction ID: 15-00339-16934-10 (Original Report)

Required fields indicated with *

Manufacturer: Cummins Inc.

500 Jackson Street
Columbus IN 47202-3005

Mark Wilson Director - Product Safety
812-377-7543,

This is a Safety Defect Report.

Equipment Information

Cummins ISB6.7 5317106

* **Brand/Trade:** Cummins
* **Model:** ISB6.7

Production Dates Begin: 07/29/2015
End: 08/05/2015

* **Part No.:** 5317106
Size:

Cummins ISB6.7 4358811

* **Brand/Trade:** Cummins
* **Model:** ISB6.7

Production Dates Begin: 07/30/2015
End: 08/03/2015

* **Part No.:** 4358811
Size:

Cummins ISL9 5317106

* **Brand/Trade:** Cummins
* **Model:** ISL9

Production Dates Begin: 07/29/2015
End: 08/05/2015

* **Part No.:** 5317106
Size:

Cummins ISX12 5317106

* **Brand/Trade:** Cummins
* **Model:** ISX12

Production Dates Begin: 07/23/2015
End: 08/07/2015

* **Part No.:** 5317106
Size:

Cummins ISX15 5317106

* **Brand/Trade:** Cummins
* **Model:** ISX15

Function:

Descriptive Information:

The engine is controlled by an Engine Control Module (ECM), which is supplied electrical power via a fused circuit from the vehicle's battery.

Function:

Descriptive Information:

The engine is controlled by an Engine Control Module (ECM), which is supplied electrical power via a fused circuit from the vehicle's battery.

Function:

Descriptive Information:

The engine is controlled by an Engine Control Module (ECM), which is supplied electrical power via a fused circuit from the vehicle's battery.

Function:

Descriptive Information:

The engine is controlled by an Engine Control Module (ECM), which is supplied electrical power via a fused circuit from the vehicle's battery.

Function:

Descriptive Information:

Production Dates Begin: 07/29/2015
End: 08/06/2015

The engine is controlled by an Engine Control Module (ECM), which is supplied electrical power via a fused circuit from the vehicle's battery.

* **Part No.:** 5317106
Size:

Number potentially involved: 805 **Estimated percentage of involved with defect:** 0%

Defect / Noncompliance Description

For this Defect/Noncompliance:

*** Describe the defect or noncompliance:**

The Engine Control Module (ECM) may develop an internal electrical short circuit that could possibly blow a fuse in the ECM's electrical supply circuit, resulting in an engine stall without warning. If this occurs, the engine cannot be restarted until the ECM and fuse are replaced.

*** Describe the safety risk:**

An unexpected engine stall without the ability to restart the engine may lead to an increased risk of a crash.

Identify any warning which can precede or occur:

If a noncompliance, provide the applicable FMVSS:

If applicable, provide any further FMVSS affected:

Describe the cause:

An internal short circuit may have been caused when Printed Circuit Boards (PCB's) were potentially damaged during assembly of the PCB's to the ECM case during ECM production.

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: Continental Corporation
Country: United States
Address 1: 21440 West Lake Cook Road
Address 2:
City: Deer Park
State: ILLINOIS
Zip/Postal Code: 60010

Company Contact Information

First Name: Bob
Last Name: Mephram
Position: Manager of Corporate Quality Controlling and Reporting
Email: bob.mephram@continental-corporation.com
Phone: 8478621011

Purchaser Information

Chronology of Defect / Noncompliance Determination

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

August 12, 2015 - Continental informed Cummins about the potential circuit board damage after confirming that ECM's returned from Cummins were due to this failure mode. August 13, 2015 - Cummins initiated containment actions at impacted engine plants and vehicle OEM plants. August 14-28, 2015 - Cummins replaced ECM's at impacted engine and vehicle OEM plants, conducted additional investigation and analysis, and worked with Continental to address containment and corrective actions. August 31, 2015 - Based upon the information developed during the investigation and analysis, Cummins decided that a safety defect exists in the subject population and decided to conduct a field campaign.

Identify the Remedy

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

Cummins will replace the existing ECM with a new (remedy) ECM. 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.

Describe what distinguishes the remedy component from the recalled component.

The ECM's have a unique serial number. The remedy ECM's are distinguishable from the recalled ECM's based upon the serial number.

Identify and describe how and when the recall condition was corrected in production.

The ECM production assembly process was corrected by the manufacturer on July 22, 2015.

Identify the Recall Schedule

Describe the recall schedule for notifications.:

The timing of owner notification will be determined in consultation with the affected vehicle OEM's. Owner notification will commence promptly after the receipt of the vehicle OEM's customer contact information. The anticipated schedule for the recall notification is as follows: Cummins expects to notify the affected vehicle manufacturers by Sep. 25, 2015.

Planned Dealer Notification Begin Date: 09/25/2015
Planned Dealer Notification End Date: 09/25/2015
Planned Owner Notification Begin Date: 10/31/2015
Planned Owner Notification End Date: 10/31/2015

Cummins release of Safety Campaign field notification - Sep. 25, 2015. Part 577 letters mailed to end-user customers no later than Oct. 31, 2015.

Manufacturer's identification code for this recall (if applicable):

C1698

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 1 documents associated with this report.

1200 New Jersey Avenue, SE, West Building Washington DC 20590 USA 1.888.327.4236 TTY 1.800.424.9153
This application works best in IE9 and above and recent versions of Firefox, Chrome and Safari