



# DAIMLER

## **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

## **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

# DAIMLER

## Manufactures Comments to NHTSA Staff

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

Approximately 1 vehicle out of 273 was delivered to:

Allied Specialty Vehicles (Bodybuilder) 15 Compound Dr, Hutchinson, KS 67502 (620) 663-5551

Approximately 6 vehicles out of 273 were delivered to:

Altec Chassis Procurement (Bodybuilder) 2106 S Riverside Rd, St Joseph, MO 64507 (816) 364-2244

Approximately 2 vehicles out of 273 were delivered to :

Braun Industries Inc (Bodybuilder) 1170 Production Dr, Van Wert, OH 45891 (877)647-9005

Approximately 4 vehicles out of 273 were delivered to:

Custom Truck and Equipment (Bodybuilder) 7701 E 24 Hwy, Kansas City, MO 64125 (816) 241-4888

Approximately 3 vehicles out of 273 were delivered to:

Elgin Sweeper Co (Bodybuilder) 1300 W Bartlett Rd, Elgin, IL 60120 (877) 800-1111

Approximately 1 vehicle out of 273 was delivered to:

Emergency One Inc (Bodybuilder) PO Box 2710, Ocala, FL 34478 (352) 237-1122

Approximately 1 vehicle out of 273 was delivered to:

Forest River Inc (Bodybuilder) 55471 CR1, Elkhart, IN 46515 (574) 206-7625

Approximately 1 vehicle out of 273 was delivered to:

FTL Specialty/Sportchass-IBTR (Bodybuilder) 2300 S 13<sup>th</sup>, Clinton, OK 73601 (580) 323-4100

Approximately 1 vehicle out of 273 was delivered to:

Global Ground Support (Bodybuilder) 540 E Old 56 Hwy, Olathe, KS 66061 (913) 780-0300

Approximately 1 vehicle out of 273 was delivered to:

Gradall Industries Inc (Bodybuilder) 406 Mill Ave SW, New Philadelphia, OH 44663 (330) 339-2211

Approximately 1 vehicle out of 273 was delivered to:

Jerr Dan Corporation (Bodybuilder) 13224 Fountainhead Plaza, Hagerstown, MD 21742 (800) 926-9666


Approximately 2 vehicles out of 273 were delivered to:

Schwarze Industries Inc (Bodybuilder) 1055 Jordan Rd, Huntsville, AL 35801 (800) 879-7933

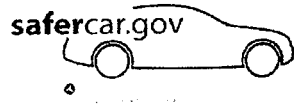
Approximately 2 vehicles out of 273 were delivered to:

Terex Utilities South (Bodybuilder) PO Box 1150, Watertown, SD 57201 (605) 882-4000

### 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.

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**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  
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