U.S. Department of Transportation

National Highway Traffic Safety Administration

ODI RESUME

OFFICE OF DEFECTS INVESTIGATION

NHTSA

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Investigation: EQ 14-005
Prompted by: 14E-003
Date Opened: 04/25/2014 **Date Closed:** 08/25/2014
Investigator: Cynthia Glass
Approver: Jennifer Timian
Subject: Ice may form in intake manifold

MANUFACTURER & PRODUCT INFORMATION

Manufacturer: Cummins Inc.
Products: Cummins Westport Model ISL G and Model ISX12 G
Population: 25,013

Problem Description: Condensation in the intake manifold may freeze during cold weather conditions and interfere with the proper operation of the intake manifold pressure sensor.

ACTION / SUMMARY INFORMATION

Action: This EQ investigation is closed.

Summary:

The closing report is attached.

EQ 14-005: Ice May Form in Intake Manifold

Closing Report

August 25, 2014

BACKGROUND

On February 14, 2014, Cummins Inc. and Cummins Westport Inc. (Cummins) notified the NHTSA that it decided a defect exists in certain Cummins Westport Model ISL G engines manufactured September 12, 2007, through February 2, 2014, and Cummins Westport Model ISX12 G engines manufactured February 19, 2013, through February 2, 2014. The improper operation of the intake manifold pressure sensor could induce elevated exhaust temperatures or flames from the exhaust pipe, increasing the risk of a fire or burn injury to a person near the exhaust pipe. This matter was assigned recall number 14E-003.

On April 25, 2014, the Recall Management Division (RMD) opened this Equipment Query (EQ) Investigation in order to write the companies that purchased these engines, to notify them of this defect in any vehicle or vehicle equipment they manufactured, and to ensure thorough safety recalls are conducted where appropriate.

Prior to opening this EQ investigation, 22 vehicle manufacturers filed a defect report announcing their decision to conduct a safety recall for their affected vehicles. The vehicle recall campaigns are:

Manufacturer	Recall #
Autocar LLC	14V-132, 14V-131, 14V-130
Blue Bird Corporation	14V-083
Crane Carrier Company	14V-124
Daimler Trucks North America	14V-080, 14V-179
Freightliner	14V-080, 14V-179
Thomas Built Transit Bus	14V-080, 14V-179
Western Star & Sterling Trucks	14V-080, 14V-179
DaimlerChrysler Comm Transit Buses NA	14V-106
El Dorado National	14V-108
Gillig Corporation	14V-084
Motor Coach Industries, Inc.	14V-085
Navistar International Transportation	14V-238
New Flyer Industries	14V-087

Manufacturer	Recall #
North American Transit Bus Industries	14V-081
Ottawa Truck Corporation	14V-082
Paccar	14V-086
Kenworth Motor Truck Company	14V-086
Paccar of Canada	14V-086
Peterbilt Motors Company	14V-086
Volvo Trucks Of North America	14V-139
Mack Trucks	14V-137
Oshkosh Corporation	14V-183

In their 573 Defect Notification Report, Cummins provided a customer list consisting of thirteen (13) companies who purchased the defective engines. Two manufacturers on Cummins customer list filed a defect report before the Information Request (IR) letters were mailed. On April 30, 2014, an IR letter was sent to eleven (11) purchasers for which NHTSA had not been notified of a defect decision. On July 17, 2014, an IR letter was sent to four (4) purchasers who did not respond to the April 30, 2014 IR letter.

CUMMINS OEM RESPONSE

In response to the IR letters, three (3) vehicle manufacturers filed a defect report and indicated they would conduct a recall of their vehicles. The vehicle recall campaigns are:

Manufacturer	Recall #
Capacity Of Texas	14V-445
Lodal Inc	14V-255
Schwarze Industries	14V-469

Six (6) manufacturers submitted responses explaining that they are not vehicle manufacturers, that the engines were not installed on any vehicles, or that the engines were returned to Cummins and remedied prior to installation or sale. The following manufacturers are not conducting a recall campaign:

American Lafrance Corporation
Complete Coach Works
Elgin Sweeper
Novatransit Bus
Super Products
Terex Advance Mixer

Two manufacturers, Designline International and Global Sweeping Solutions, did not submit a written response to RMD's IR letter, even after multiple attempts to contact them were made by RMD staff. These companies will be referred to NHTSA's Office of the Chief Counsel for further possible enforcement action.

RECALL MANAGEMENT DIVISION ACTION

All vehicle and motor vehicle equipment manufacturers who purchased the defective engines have been identified and have either filed recall reports and are conducting recalls, or have provided responses explaining why they are not conducting recalls. Accordingly, this equipment query investigation is closed. Copies of documents associated with this investigation, including responses to IR letters, can be found in this Equipment Query's document repository by clicking the "Associated Documents" button.