



Recall M-1404: Ice May Form in Intake Manifold

March 17, 2014

Associate Administrator for Enforcement
National Highway Traffic Safety Administration
Attn: Recall Management Division (NVS-215)
1200 New Jersey Avenue SE
Washington, DC 20590

Re: Report Pursuant to 49 CFR 573.6
Autocar, LLC Recall No. M-1404
In Response to Cummins Inc. and Cummins Westport Inc. (collectively, "Cummins") Recall Nos. C1461
and C1462 (ODI no. 14E-003)

The following information is in accordance with the requirements of 49 CFR Part 573.6 as it applies to a defect relating to motor vehicle safety.

573.6(c)(1): The manufacturer's name

Autocar Industries, LLC ("Autocar").

573.6(c)(2): Identification of the vehicles including a description of the manufacturer's basis for its determination of the recall population

Autocar has identified a defect in 2014 model-year Xpert model heavy-duty class 7 and class 8 vehicles built by Autocar between November 7, 2013 and January 13, 2014, with serial numbers in the range 216635 through 217086. The defect occurs in vehicles equipped with certain Cummins ISL G and ISX12 G engines. Autocar based its determination of the recall population on Cummins' reported affected engine serial numbers. A portion of the recall population did not contain the defect at the time of manufacture, but instead became defective as a result of an aftermarket engine recalibration by Cummins.

573.6(c)(2)(iv): Identification of the component and the manufacturer of the component that contains the defect or noncompliance

Component: Cummins ISL G and ISX12 G engines
Manufacturer: Cummins, Inc.
Address: 500 Jackson Street, Columbus, Indiana 47201
Telephone: (812) 377-7543

573.6(c)(3): The total number of vehicles or items of equipment potentially containing the defect

6 vehicles are potentially affected.

573.6(c)(4): The percentage of vehicles or items of equipment estimated to actually contain the defect or noncompliance

100% of the vehicles are potentially affected.

573.6(c)(5): A description of the defect or noncompliance, including both a brief summary and a detailed description, with graphic aids as necessary, of the nature and physical location (if applicable) of the defect or noncompliance

As set forth in Cummins' February 12, 2014 notice to NHTSA: *Ice from condensation may form in or around the intake manifold temperature/pressure sensor on engines operation in sub-freezing ambient temperatures*



without cold weather aids. This ice may interfere with the proper operation of the pressure sensor function of the intake manifold temperature/pressure sensor, causing the engine's ECM to improperly fuel the engine, resulting in elevated exhaust temperatures and the possibility of flame from the exhaust pipe. In most cases, this improper operation will result in the engine running rough and misfire, and will log diagnostic fault codes in the Engine Control Module that illuminate dash lamps.

573.6(c)(6) and (7): A chronology of all principal events that were the basis for the determination that the defect related to motor vehicle safety

13 February 2014 Cummins notified Autocar of the issue.

14 March 2014 Based upon the information provided by Cummins, after verifying the suspect population, Autocar decided to conduct a safety recall.

573.6(c)(8)(i): A description of the manufacturer's program for remedying the defect or noncompliance

As set forth in Cummins' February 12, 2014 notice to NHTSA, Cummins will voluntarily initiate an owner notification and recall of all affected vehicles. Cummins will distribute to owners of affected vehicles an Owner Notification Letter which will describe the defect and provide instructions for scheduling repair of the vehicle, at no cost to the vehicle's owner.

573.6(c)(8)(ii): The estimated date(s) on which it will begin sending notifications to owners, and to dealers and distributors

14 March 2014 Autocar decided to initiate a recall.

17 March 2014 573.6 letter sent to NHTSA.

1 April 2014 Owner notification letter to be sent to NHTSA for approval.

1 May 2014 Repair bulletin to be distributed by Autocar.

1 May 2014 Owner notification letter and recall response card to be sent to vehicle owners.

NOTE: All dates are subject to change by Cummins, which will conduct the recall.

573.6(c)(9):

Not Applicable.

573.6(c)(11): The manufacturer's campaign number, if not identical to the identification number assigned by NHTSA

Autocar's campaign number assigned to this recall is M-1404.

Very truly yours,

Kanupriya Arora
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