



Reliability Driven™

April 16, 2014

IMPORTANT SAFETY RECALL

This notice applies to your vehicle [insert VIN here]

«Customer_Name»

ATTENTION: TECH SERVICE DEPT/MAINT

«Address»

«Address_2»

«City», «State» «Zip»

«ctry»

SUBJECT: SAFETY RECALL: CUMMINS INTAKE MANIFOLD

Ref.: **NHTSA # 14V-085 (MCI)**

NHTSA # 14E-003 (Cummins)

MCI Service Bulletin 405

Attention Owner:

This notice is sent to you in accordance with the National Traffic and Motor Vehicle Safety Act.

Motor Coach Industries, Inc. ("MCI") has decided that a defect which relates to motor vehicle safety exists in model years 2011 and 2012 MCI D4000 coaches that are equipped with a Cummins Westport ISL G CNG engine included in the attached Cummins Corporation Part 573 Defect and Noncompliance Report dated February 12, 2014. According to Cummins, condensation in the intake manifold may freeze during cold weather conditions and interfere with the proper operation of the intake manifold pressure sensor. The improper operation of the sensor could induce elevated exhaust temperatures or flames from the exhaust pipe, increasing the risk of a vehicle fire or burn injury to a person near the exhaust pipe. Please see the attached Cummins Corporation Part 573 Defect and Noncompliance Report dated February 12, 2014, and MCI Service Bulletin 405 for additional information regarding how to have the recall work performed on your affected vehicle(s).

The vehicles that are subject to this notice are the following model year 2011 and 2012 MCI D4000 coaches (last five VIN digits):

Model	Model year	Vin Number
D4000	2011	59787
D4000	2012	59860, 59895 ,59907-59922, 59924-59988, 59993-59999, 12600-12603, 12742

MCI is conducting a recall to have the above vehicles repaired. Cummins advises that it will have a new ECM calibration installed, without charge, through the Cummins service network.

MCI records indicate that you are the owner or operator of the following vehicle(s) included in this recall:

«Unit_Numbers»

MCI strongly urges you to have the recall work performed on your vehicle(s) as quickly as possible.

You may contact the MCI Customer Service Line at 1-800-241-2947 if you have any questions about this recall. Submission of MCI Warranty Claim Forms may be completed on MCI's website at <http://fleetsupportiw.mcicoach.com/iwarranty/signon> (click on Customer Care System), or a photocopy of the Warranty Claim Form found in the Warranty Manual can be mailed / faxed to the MCI Warranty Department.

After contacting MCI Customer Service, if you are still unable to have the safety defect remedied without charge and within a reasonable time, you may submit a complaint:

You may submit a written complaint to the Administrator, National Highway Traffic Safety Administration, 1200 New Jersey Avenue, SE, Washington, DC 20590, or call 888 327-4236 (TTY: 800-424-9153), or go to <http://www.safercar.gov> if remedy difficulties exist.

If you are the lessor of the vehicle(s) identified above, Federal law requires that you forward this notice by first class mail to the most recent lessee(s) known to you, within ten days of your receipt of this notice.

If you have sold or otherwise transferred the vehicle(s) identified above, please contact the MCI Customer Service Line at 1-800-241-2947 with all of the information you have regarding the current owner/operator of the vehicle(s).

If you had your vehicle repaired for this condition prior to receipt of this notice and incurred any costs, you may be eligible for reimbursement. Please contact the MCI Customer Service Line at 1-800-241-2947 for further information in that regard.

We regret the inconvenience this may cause you, but urge you to implement the recall procedures with respect to your vehicle(s) as soon as possible for your added safety and satisfaction.

Sincerely,

Motor Coach Industries
Warranty Department

Enclosures: MCI Service Bulletin 405
Cummins Corporation Part 573 Defect and Noncompliance Report dated
February 12, 2014



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Service Bulletin No. 405

MODEL D Series	TYPE Field Change Program	SECTION/GROUP 8-Engine	DATE Apr. 10, 2014
SUBJECT CUMMINS ISL G CNG ENGINE INTAKE MANIFOLD			
CONDITIONS			

Ref. Cummins NHTSA Recall No.:14E-003

Ref. MCI NHTSA Recall No.:14V-085

Customer Complaint

Cummins Inc. has notified Motor Coach Industries (MCI) that a defect exists in certain ISL G compressed natural gas (CNG) engines. Cummins Inc. advises that elevated exhaust temperatures and the possibility of flames from the exhaust pipe may result in a burn injury to bystanders or ignition of combustible materials near the exhaust pipe.

Cause:

Cummins reports that ice from condensation may interfere with the proper operation of the pressure sensor function of the intake manifold pressure sensor.

Corrective Action:

MCI strongly encourages owners of the coaches listed in the table below to contact the Cummins Service Network to install a new ECM calibration

59787	59860	59895	59907 to 59222	59924 to 59988
59993 to 59999	12600 to 12603	12742		

NOTICE

This campaign is being performed only by Cummins Service Network and its authorized dealers. Therefore all parts and labor required for this recall will be provided by Cummins.

In order to update our records, MCI is asking customers to submit a MCI Field Change Program Verification Form for each affected VIN which Cummins has completed its campaign.

If you have any concerns or difficulties making arrangements with the Cummins Service Network relating to this recall, please contact our Customer Service Line at 1-800-241-2947.



Reliability Driven™

MCI FIELD CHANGE PROGRAM (FCP) VERIFICATION

CONTACT INFORMATION	
CUSTOMER NAME: _____	
<small>(PLEASE PRINT)</small>	
FCP INFORMATION – ONE FORM PER UNIT	
FCP#: _____	Coach Model _____ Model Year _____
COACH SERIAL #: <small>(At least the last 5 digits)</small>	DATE COMPLETED __ / __ / __
MILEAGE:	
<u>IMPORTANT:</u> TO RECEIVE CREDIT FOR ANY ALLOWABLE LABOR CHARGES, THIS VERIFICATION FORM MUST BE RETURNED TO MCI UPON COMPLETION OF THE FCP.	
SUBMITTED BY: (Please Print) _____	
	DATE __ / __ / __
TITLE: (Please Print) _____	
SIGNATURE: _____	
COMMENTS: 	

FAX TO: 800-360-8886

MAILING ADDRESS:

**MOTOR COACH INDUSTRIES
ATTN: WARRANTY DEPT.
7001 UNIVERSAL COACH DRIVE
LOUISVILLE, KY 40258**



RECEIVED

By Recall Management division at 2:02 pm, Feb 14, 2014

BY ELECTRONIC MAIL (RMD.ODI@DOT.GOV)

February 12, 2014

Nancy L. Lewis
Associate Administrator for Enforcement
National Highway Traffic Safety Administration
1200 New Jersey Avenue, S.E.
Washington, DC 20590

Dear Ms. Lewis:

Cummins Inc. and Cummins Westport Inc. (a joint venture between Cummins Inc. and Westport Innovations Inc.) have decided that certain engines, as identified below, may contain a safety-related defect. The following is submitted in accordance with the National Highway Traffic Safety Administration's defect regulations, 49 CFR Part 573.6.

1. Product Identification and Estimated Defect Population:

This notice involves the following engines:

Engine Model	Production Range	Population
Cummins Westport Model ISL G	January 3, 2013 – February 2, 2014	5,713
Cummins Westport Model ISX12 G	February 19, 2013 – February 2, 2014	2,554

This notice also involves the ISL G engines below, which may have had their Electronic Control Modules (ECM's) recalibrated during a service event during the period January 3, 2013 through February 2, 2014:

Engine Model	Production Range	Population
Cummins Westport Model ISL G	September 12, 2007 – January 2, 2013	16,746

The number of engines within this population that have had a recalibration is unknown.

Cummins Westport will notify owners of all three impacted populations, subject to the concurrence of the vehicle OEM's in which the engines are installed.

2. Customer Channels

ISL G engines were supplied to the vehicle OEMs identified in Attachment I and ISX12 G engines were supplied to the vehicle OEMs identified in Attachment II, for installation as original equipment in trucks and buses.

3. Description of the Defect

Ice from condensation may form in or around the intake manifold temperature/pressure sensor on engines operating 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.

4. Description of the Safety Risk

During this improper operating condition, bystanders may be exposed to the elevated exhaust temperatures or flames from the exhaust pipe, possibly resulting in burns. Combustible materials near the tailpipe may be ignited, resulting in a fire.

5. Chronology of Events

January 29, 2014: Cummins Westport received notification from the field of two vehicles reporting flames from the exhaust.

January 29 – February 9, 2014: In response to these reports, Cummins Westport initiated a root cause investigation, including product testing, and was able to duplicate the reported condition. A Product Safety Hazard Analysis was also completed.

February 10, 2014: Based upon the results of the root cause investigation and testing, Cummins and Cummins Westport decided to initiate this voluntary campaign to remedy the condition. A revised ECM calibration with improved diagnostics and control functionality has been released for production and for service.

To date, no reports of injuries, fatalities, accidents, or fires related to this condition have been received.

6. Remedy Program

Cummins Westport will work with the OEMs to identify and notify affected vehicle owners. A new ECM calibration will be installed, without charge, through the Cummins service network. The new ECM calibration has improved diagnostics to detect the improper intake manifold pressure sensor condition during freezing conditions and improved control logic to take appropriate fueling action under the freezing conditions.

7. Part 577 Notice Letter; Dealer Bulletins

A draft owner notification letter will be submitted to the agency for review and approval as soon as possible. Representative copies of distributor bulletins related to this recall will be provided within five business days after they are issued.

8. Customer/Owner Notifications

Notification of affected OEM customers is expected to occur by February 14, 2014. The timing of owner notification will be determined in consultation with the affected OEMs. Owner notification will commence promptly after receipt of the vehicle OEMs' customer contact information.

9. Pre-Notification Remedy Reimbursement

Pursuant to 49 CFR §577.11(e), Cummins Westport 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

Please advise the undersigned of the recall campaign number assigned by the Office of Defects Investigation to this recall. Cummins' campaign code for the ISL G recall will be C1462 and for the ISX12 G recall will be C1461.

Sincerely,



Mark L. Wilson
Director – Product Safety
Cummins Inc.

Phone: 812-377-7543
Fax: 812-377-2433
Email: mark.l.wilson@cummins.com

cc: Mr. Christopher H. Grigorian, Foley & Lardner LLP

Attachment I
Vehicle OEM to which ISL G Engines were Shipped

AGILITY FUEL SYSTEMS
AMERICAN LAFRANCE CORPORATION
AUTOCAR LLC
BLUE BIRD CORPORATION
CAPACITY OF TEXAS
COMPLETE COACH WORKS
CRANE CARRIER COMPANY
CUMMINS DISTRIBUTORS (15)
DAIMLER TRUCKS NORTH AMERICA
DAIMLERCHRYSLER COMM Transit Buses NA
DESIGNLINE INTERNATIONAL
EL DORADO NATIONAL
ELGIN SWEEPER
FONTAINE MODIFICATION COMPANY
GILLIG CORPORATION
GLOBAL SWEEPING SOLUTIONS
HME, INC
INTERSTATE ASSEMBLY SYSTEMS
KENWORTH MOTOR TRUCK CO
LA METRO
LODAL INC
MACK TRUCKS INC
MOTOR COACH INDUSTRIES, INC
NAVISTAR INTL TRANSPORTATION
NORTH AMERICAN Transit Bus INDUSTRIES
NOVA Transit Bus
OSHKOSH CORPORATION
OTTAWA TRUCK CORP
PACCAR OF CANADA
PETERBILT MOTORS COMPANY
POWER SYSTEMS DIVISION
SCHWARZE INDUSTRIES
SUPER PRODUCTS
THOMAS BUILT Transit Bus
UNIT-TRADE FORWARDING INC
VOLVO TRUCKS OF NORTH AMERICA
WESTERN STAR & STERLING TRUCKS

Attachment II
Vehicle OEM's to Which ISX12 G Engines were Shipped

AUTOCAR LLC
CUMMINS BRIDGEWAY, LLC
CUMMINS SOUTHERN PLAINS LLC
DAIMLER TRUCKS NORTH AMERICA
KENWORTH MOTOR TRUCK CO
MACK TRUCKS INC
OSHKOSH CORPORATION
PETERBILT MOTORS COMPANY
TEREX ADVANCE MIXER
VOLVO TRUCKS OF NORTH AMERICA