

DAIMLER

Defect Information Report (Section 573.6)

FL-681

Date of Submission: May 27, 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: 2007 **Model Yr. End:** 2016
Make: Freightliner, Sterling, Thomas Built Bus
Model: Freightliner 114SD & M2 Business class, Sterling LT8500, Thomas Built Bus Safe-T-Liner HDX
Production Dates: **Begin:** 01/21/2008
End: 04/17/2015

Descriptive Information:

See attached Cummins Westport Defect Information Report. NHTSA Recall 15E-030

Number potentially involved: 3200 **Estimated percentage of involve with defect:** 0%

Defect / Noncompliance Description

For this Defect/Noncompliance:

Describe the defect or noncompliance:

See attached Cummins Westport Defect Information Report. NHTSA Recall 15E-030

If a noncompliance, provide the applicable FMVSS:

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

Describe the safety risk:

See attached Cummins Westport Defect Information Report. NHTSA Recall 15E-030

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

Cummins Inc.

DAIMLER

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:

May 2015 – Cummins notified DTNA of NHTSA Recall 15E-030
See attached Cummins Westport Defect Information Report. NHTSA Recall 15E-030

Identify the Remedy

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

Cummins Westport is conducting this recall. Cummins Westport will install new hose clamps and ECM calibrations. Repairs will be performed by Cummins authorized service facilities. See attached Cummins Westport Defect Information Report NHTSA Recall 15E-030

Identify the Recall Schedule

Describe the recall schedule for notifications:

Cummins Westport will notify owners and dealers. See attached Cummins Westport Defect Information Report. NHTSA Recall 15E-030

Planned Dealer Notification Begin Date:	<i>07/27/2015</i>
Planned Dealer Notification End Date:	<i>07/27/2015</i>
Planned Owner Notification Begin Date:	<i>07/27/2015</i>
Planned Owner Notification End Date:	<i>07/27/2015</i>

Manufacture's identification code for this recall (if applicable): *FL-681*

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

Part 573 Safety Recall Report**15E-030**

Manufacturer Name : Cummins Inc.
Submission Date : MAY 11,2015
NHTSA Recall No. : 15E-030
Manufacturer Recall No. : C1627

**Manufacturer Information :**

Manufacturer Name : Cummins Inc.
 Address : 500 Jackson Street
 Columbus IN 47202-3005
 Company phone : 812-377-5000

Population :

Number of potentially involved : 28,941
 Estimated percentage with defect : 0

Equipment Information :

Brand / Trade : Cummins Westport
 Model : ISL G
 Part No. : G6LTAA8.9E
 Size : NR
 Function : NR

Descriptive Information : The engine is equipped with an open crankcase ventilation breather that functions as a filter to remove most of the engine oil from the pressurized combustion gases which escape from the crankcase during normal engine operation. A vent tube assembly is attached to the breather to direct the escaping gases towards the bottom of the engine.

Production Dates : FEB 26, 2007 - APR 14, 2015

Description of Defect :

Description of the Defect : Under conditions of excessive engine crankcase pressures, the 90-degree elbow of the vent tube assembly may become detached from the breather, possibly allowing engine oil to come into contact with hot surfaces.

Description of the Safety Risk : Engine oil contacting hot surfaces may ignite, possibly resulting in a fire.

Description of the Cause : Under conditions of excessive engine crankcase pressure, the barbs on the breather exit tube may not adequately maintain the attachment between the 90-degree elbow of the vent tube assembly and the breather exit tube. In the known incidents, the predominant cause of excessive crankcase pressure has been a cracked piston.

Identification of Any Warning that can Occur : Conditions which result in high engine crankcase pressure may result in a loss of engine power, may illuminate amber or red engine diagnostic lamps on the vehicle instrument cluster, or may result in erratic engine operation.

Supplier Identification :**Component Manufacturer**

Name : NR

Address : NR

NR

Country : NR

Chronology :

During the first half of 2013, Cummins Westport received a report of and investigated a small fire (minimal damage contained to the engine compartment) due to this condition; no injuries were reported. During 2014, Cummins Westport received reports of and investigated four additional similar incidents (minimal damage contained to the engine compartment); no injuries were reported. In October 2014, Cummins Westport completed a Product Safety Hazard Analysis and concluded, based upon the information available at that time, that the incidents did not represent an unreasonable risk to product safety. During 2014 and early-2015, Cummins had ongoing discussions with ODI Staff concerning these incidents. In early March 2015, Cummins Westport received reports of two engine-related fires. The fires in these incidents were not contained to the vehicle engine compartment; no injuries were reported. During March and early April 2015, Cummins Westport conducted field inspections of the two vehicles. These inspections indicated that the fires were possibly caused by this condition. Cummins Westport performed additional investigation and analyses of the issue. On April 13, 2015, based on information developed during investigation and analysis, Cummins and Cummins Westport decided that a safety defect exists in the subject population and decided to conduct a field campaign. To date, no reports of accidents or injuries related to this condition have been received.

Description of Remedy :

Description of Remedy Program : Hose clamps will be installed on both ends of the 90-degree elbow of the breather tube assembly to maintain attachment of the breather tube assembly during high crankcase pressure conditions. In addition, the Electronic Control Module (ECM) will be reprogrammed with software having improved diagnostic capability; this improved diagnostic will limit the engine torque upon detection of engine misfire in order to limit the crankcase pressures.

How Remedy Component Differs from Recalled Component : The breather vent tube assembly will be different due to the addition of two hose clamps. The ECM software with the improved diagnostics will have a unique part number.

Identify How/When Recall Condition was Corrected in Production : The clamps and the ECM calibration with the improved diagnostics were introduced into production on April 14, 2015.

Recall Schedule :

Description of Recall Schedule : 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.

The anticipated schedule for the recall notifications is as follows: Cummins begins notifications of impacted vehicle manufacturers - 5/1/15. Cummins completes notification of impacted vehicle manufacturers - 5/8/15. Cummins release of Safety Campaign field notification - 5/12/15. Part 577 letters mailed to end-user customers - 6/16/15.

Planned Dealer Notification Date : MAY 12, 2015 - MAY 12, 2015

Planned Owner Notification Date : JUN 16, 2015 - NR

Purchaser Information :

The following manufacturers purchased this defective/noncompliant equipment for possible use or installation in new motor vehicles or new items of motor vehicle equipment:

Name : American LaFrance
Address : c/o Patriarch Partners LLC
1 Broadway, 5th Floor New York NY 10004
Country : US
Company Phone : NR

Name : Autocar LLC
Address : 551 South Washington Street
Hagerstown IN 47346
Country : US
Company Phone : 7654896090

Name : Blue Bird Corporation
Address : P.O. Box 937
Ft. Valley GA 31010
Country : US
Company Phone : 4788222242

Name : Capacity of Texas
Address : 401 Capacity Drive
Longview TX 75604
Country : US
Company Phone : 9037590610

Name : Complete Coach Works
Address : 1863 Service Court Drive
Riverside CA 92507
Country : US
Company Phone : 9516849585

Name : Daimler Trucks North America
Address : 4747 N Channel Ave
Portland OR 97217
Country : US
Company Phone : 5037455466

Name : Daimler Buses North America
Address : WPN Services (on behalf of DBNA)
165 Base Road Oriskany NY 13424
Country : US
Company Phone : 4166243558

Name : Designline International
Address : The Finlay Group, Inc.
212 South Tryon St., Suite 1050 Charlotte NC 28202
Country : US
Company Phone : 7043757542

Name : ElDorado National
Address : 9670 Galena Street
Riverside CA 92509
Country : US
Company Phone : 9517279349

Name : Elgin Sweeper
Address : 1300 West Bartlett Road
Elgin IL 60120
Country : US
Company Phone : 6305495980

Name : Fontaine Modification Company
Address : 9827 Mount Holly Road
Charlotte NC 28214
Country : US
Company Phone : 7044091613

Name : Gillig LLC
Address : 25800 Clawiter Road
Hayward CA 94545
Country : US
Company Phone : 5102645077

Name : Global Sweeping Solutions
Address : 5405 Industrial Parkway
San Bernardino CA 92407
Country : US
Company Phone : 9097131604

Name : Hines Specialty Vehicle Group
Address : 1951 Reiser Ave. SE
New Philadelphia OH 44663
Country : US
Company Phone : NR

Name : Lodal
Address : 620 North Hooper
Kingsford MI 49802
Country : US
Company Phone : 9067791700

Name : Motor Coach Industries
Address : 200 East Oakton Street
Des Plaines IL 60018
Country : US
Company Phone : 8472852085

Name : NABI Bus Inc
Address : 106 National Drive
Anniston AL 36207
Country : US
Company Phone : 2562411274

Name : Navistar
Address : 2710 Navistar Drive
Lisle IL 60532
Country : US
Company Phone : 3313321590

Name : New Flyer
Address : 711 Karnaghan Ave.
Winnepeg, MB 00 R2C3T4
Country : CA
Company Phone : 2042246706

Name : Oshkosh
Address : 2307 Oregon Street
Oshkosh WI 54903
Country : US
Company Phone : 9202374237

Name : Kalmar Solutions LLC
Address : 415 East Dundee Street
Ottawa KS 66067
Country : US
Company Phone : 7852296358

Name : PACCAR Inc
Address : 777 106th Avenue
Bellevue WA 98004
Country : US
Company Phone : 4254687356

Name : Schwarze Industries
Address : 1055 Jordan Road
Huntsville AL 35811
Country : US
Company Phone : 2566560911

Name : Super Products
Address : 17000 W. Cleveland Ave.
New Berlin WI 53151
Country : US
Company Phone : 2627847100

Name : Volvo
Address : 7900 National Service Road
Greensboro NC 27409
Country : US
Company Phone : 3363932233

* NR - Not Reported