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14V-083  
(3 pages) Amended

**49 CFR, PART 573.6 Defect and Noncompliance Reporting**

**Defect Report-School Bus**

**Original Report Date:** February 24, 2014

**Revised Report Date:** April 23, 2014

**1. Vehicles affected are manufactured by:**

Blue Bird Corporation  
P. O. Box 937  
Fort Valley, GA 31030

**2. The defective component was manufactured by:**

Cummins Inc.  
500 Jackson Street  
Columbus IN 47201  
812-377-5000  
Mark L. Wilson-Director-Product Safety

**3. The following vehicles are being recalled:**

Certain 2009 through 2015 model year Blue Bird All American rear engine school buses manufactured from December 08, 2008 through November 15, 2013 and equipped with optional Cummins ISL\_G compressed natural gas engines.

**4. The total number of vehicles recalled potentially containing the defect are:**

695

**5. The approximate percentage of the total number of vehicles estimated to actually contain the defect is:**

100%

**6. The defect consists of:**

Ice from condensation may form in or around the intake manifold temperature/pressure sensor on certain Cummins ISL-G 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.

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.

**7. The following data is the basis for the determination of the defect.**

On February 14, 2014 Blue Bird received an email from Cummins Inc. advising Cummins had declared a recall to correct a problem concerning icing of a temperature/pressure sensor at the engine intake manifold on certain ISL-G compressed natural gas engines it provided to Blue Bird.

On February 24, 2014 Blue Bird decided to issue a recall to correct this defect on its affected buses. To date, no reports of injuries, fatalities or fires related to this condition have been received.

**8. The defect will be corrected in the following manner:**

Cummins will notify affected vehicle owners of this defect and a new ECM calibration will be installed, without charge, through the Cummins service network. According to Cummins, 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.

**9. Notification will be as follows:**

Blue Bird notified its dealers of Cummins announced recall on March 05, 2014.

Owner notification was conducted by Cummins Inc. on April 12, 2014.

Blue Bird has provided Cummins, Inc. with a list of its owners affected by this campaign.

**10. Blue Bird's identification number assigned to this recall is:**

R14XB

**11. Dealer and Owner Notification:**

A draft copy of the notification documents was submitted by Cummins Inc. to NHTSA for review prior to mailing.

**Questions regarding this recall should be directed to:**

William P. Coleman  
Corporate Recall Administrator  
Blue Bird Body Company  
P.O. Box 937  
Fort Valley GA 31030  
(478) 822-2242

**Signed:** \_\_\_\_\_

*William P. Coleman*

William P. Coleman, Corporate Recall Administrator