



Navistar, Inc.
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09V-292
(3 pages)

R. L. Van Laar
Compliance Manager

July 27, 2009

Associate Administrator for Enforcement
National Highway Traffic Safety Administration
1200 New Jersey Avenue, SE
Washington D.C. 20590

Subject: Defect Report – 09504

Dear Associate Administrator:

Pursuant to Part 573.6 (c) (1), this Vehicle Defect Initial Information Report is submitted to the National Highway Traffic Safety Administration by Navistar, Inc, on behalf of IC Bus, LLC, a wholly owned subsidiary.

(1) IDENTIFICATION OF VEHICLES [Part 573.6(c)(2)]

- Vehicle Models Involved:
 - MY 2009 and 2010 IC Bus BE, CE, FE, and RE model series buses.
- Vehicle Manufacturing Dates:
 - 2/1/08 thru 7/6/09
- Other Identification Necessary to Describe Vehicles:
 - Equipped with a Trans/Air EC2.5 or EC3.0 air conditioning system.

(2) COMPONENT MANUFACTURER [Part 573.6(c)(2)(iv)]

- This report relates only to a component supplied by Trans/Air Manufacturing Corporation.
- Contact information is:

Mark Slobodian
Vice President
Trans/Air Manufacturing Corporation
480 East Locust Street
PO Box 70
Dallastown, PA 17313-0070 USA
T 717-246-2627
F 717-244-7088

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DEFECT INVESTIGATION

(3) VEHICLE POPULATION INVOLVED [Part 573.6 (c)(3)]

Model	Number of Suspect Vehicles		
	United States	Canada	Export
BE Commercial Bus	0	1	0
BE School Bus	5	0	0
CE Commercial Bus	38	2	42
CE School Bus	465	3	0
FE Commercial Bus	36	0	0
FE School Bus	22	0	0
RE Commercial Bus	64	0	0
Total Vehicles	630	6	42

(4) PERCENTAGE OF VEHICLES ESTIMATED TO CONTAIN THE DEFECT [Part 573.6 (c)(4)]

- It is estimated that all (100%) of the vehicles in suspect population could have the defect.

(5) DESCRIPTION OF DEFECT [Part 573.6 (c)(5)]

- As provided by Trans/Air (ref. 09E042): The Trans/Air EC system electrical kits contain a relay board with a 12-position terminal strip and corresponding screws mounted to the board. If installers fail to follow Trans/Air installation instructions and/or comply with accepted good installation practices, the EC boards present a risk of overheating under any of the following three conditions: loose screws due to improper torquing; poor wire connections due to improperly crimped terminals; or debris deposited on the EC board. These improper installation practices can result in electrical arcing and overheating of the EC board. In the worst case scenario, such arcing and overheating can result in a fire.

(6) CHRONOLOGY OF PRINCIPAL EVENTS WHICH LED TO DETERMINATION OF A SAFETY DEFECT or TEST RESULTS THAT LED TO DETERMINATION OF NONCOMPLIANCE [Part 573.6 (c)(6)/(7)]

- 6/18/09 – IC Bus Engineering was notified by customer that they had a bus where a short on a Trans/Air printed circuit board resulted in the melting of the freon lines and smoke damage in the vehicle.
- 6/19/09 thru 6/28/09 – Navistar and Trans/Air investigate issue to determine the cause and extent of the defect.
- 6/23/09 – Trans/Air inspected all completed units at IC Bus plants for proper installation.
- 6/29/09 – Trans/Air submits 573 defect report to NHTSA resulting in NHTSA recall 09E042.
- 7/1/09 thru 7/6/09 – Trans/Air implements changes in mounting screws and the addition of a protective cover into production.
- 7/21/09 – Navistar determines the suspect vehicle population.
- 7/22/09 – Navistar declares a safety recall.

(7) PROGRAM TO REMEDY DEFECT [Part 573.6 (c)(8)]

- Each suspect IC bus will have the EC system relay board of any suspect Trans/Air system inspected for proper installation. This inspection will include the replacement of the board's mounting screws, repair of any improper terminal crimps, the removal on any foreign debris, and installation of a cover and warning label.
- Note: Trans/Air will be managing this remedy and will provide quarterly completion reports.

(8) PLAN FOR REIMBURSEMENT [Part 573.6 (c)(8)(i)]

- Some of the vehicles in this recall fall outside the warranty period; therefore, Navistar's plan for reimbursement of pre-notification remedies, on file and dated 1/5/2009 applies and instructions will be included in the customer notification.

(9) SCHEDULE FOR RECALL NOTIFICATION [Part 573.6 (c)(8)(i)]

- Navistar will notify owners by mid-August 2009.

(10) RECALL NUMBER [Part 573.6 (c)(11)]

- Navistar: 09504
- NHTSA: Not Yet Assigned

The undersigned should be contacted for any additional information regarding this recall on (260) 461-1890.

Sincerely,



R. L. Van Laar
Compliance Manager
Navistar, Inc.

RV:ta