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12V-061
(3 Pages)

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

Subject: Defect Information Report (Initial)
Navistar Campaign 12503
Bendix Campaign 12E-001

Dear Associate Administrator:

This defect information report is submitted pursuant to Part 573.6(a).

(1) *MANUFACTURER'S NAME* [Part 573.6(c)(1)]

- Navistar, Inc on behalf of IC Bus, LLC, a wholly owned subsidiary.

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

- Vehicle Type / Make / Model / Model Year Involved:
 - School Bus / IC Bus / CE / 2012 and 2013
 - School Bus / IC Bus / RE / 2012 and 2013
- Vehicle Manufacturing Dates:
 - 12/2/2010 thru 1/26/2012
- Other Identification Necessary to Describe Vehicles:
 - Equipped with feature codes 04AZJ, 04AZV, 04BAG Traction Control or feature codes 04AZR, 04AZS, 04AZW, or 04AZY Stability Control.

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

- This report relates only to a component supplied by Bendix Commercial Vehicle Systems LLC. Contact information is:

Rafael Dominguez
Director, Quality and Product Safety
Bendix Commercial Vehicle Systems LLC
901 Cleveland St.
Elyria, Ohio 44035
(440) 329-9131

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

Type	Make	Model	Number of Suspect Vehicles		
			United States	Canada	Export
School Bus	IC Bus	CE	916	59	0
School Bus	IC Bus	RE	15	0	0

(5) 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.

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

- Bendix has determined that a design modification, which eliminated four small internal ribs in the cover assembly and a material change made to a rubber ball seal in the solenoid have led to a potential defect.
- As reported by Bendix Corporation in its defect report for 12E-001, in extremely cold conditions, (at or below 0° Fahrenheit / 18° Celsius), internal leakage can potentially develop, resulting in pressure being delivered to the affected service brake circuit. If the solenoid armature lifts off its seat, air pressure is delivered to the primary or secondary brake circuits, causing intermittent, or in isolated cases, continuous brake application.
- During this brake application, ABS will still be operational and service brakes are still available.

(7) 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)]

- 1/19/12 – Received phone call from Bendix that they have discovered an issue with the Bendix ATR-6 valve that results in possible brake application when operating in temperatures below 0 degrees F.
- 1/24/12 – Navistar and Bendix Engineering began meeting to determine the scope, root cause, and severity of the issue in Navistar product. Suspect feature codes relating to traction and stability control were identified.
- 1/26/12 – Navistar issues a stop ship order at all plants to contain the issue.
- 1/27/12 – Completed review of field reports relating to unintended brake application. A total of 14 reports were found to be related to the Bendix ATR-6 valve. All were operating in temperatures below -10 degrees F.
- 2/1/12 – Navistar completed determination of the total suspect vehicle population of vehicles built with either traction or stability control.
- 2/3/12 – Navistar declares a safety recall.

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

- The remedy will involve the installation of an original design valve cover and rubber armature ball and seal o-ring for the affected valves.

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

- Navistar's plan for reimbursement of pre-notification remedies, on file and dated 1/5/09, applies and instructions for reimbursement will be included in the customer notification.

(10) SCHEDULE FOR RECALL NOTIFICATION [Part 573.6 (c)(8)(ii)]

- The schedule for recall notification is based on the availability of repair parts which cannot be determined at this time. However, a plan to mail an interim owner notification letter may be developed if the final remedy will not be available before 4/6/2012.

(11) MANUFACTURER'S CAMPAIGN NUMBER [Part 573.6 (c)(11)]

- 12502

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