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By Recall Management Division at 1:22 pm, Jan 17, 2013

P: 331-332-1590  
W: navistar.com

January 16, 2013

Associate Administrator for Enforcement  
National Highway Traffic Safety Administration  
1200 New Jersey Avenue, SE  
Washington D.C. 20590Subject: Defect Information Report (Initial)  
Navistar Campaign 13502

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 / 2013
  - School Bus / IC Bus / RE / 2012 and 2013
- Vehicle Manufacturing Dates:
  - 12/07/2010 through 06/26/2012
- Other Identification Necessary to Describe Vehicles:
  - Equipped with certain 2011 through 2013 model year I-6 engines.
  - Equipped with certain engines with feature codes 12NUK, 12NUL, 12NUM, 12NUN, 12NUP, and 12NUS.

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

- This report relates to a defect in a vehicle level assembly controlled by Navistar Inc.

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

Type	Make	Model	Number of Suspect Vehicles		
			United States	Canada	Export
School Bus	IC	CE	1089	220	0
School Bus	IC	RE	187	3	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)]*

- The Injection Pressure Regulator (IPR) harness wire may possibly break due to vibrational damage at the crimp/wire interface. A break in the wire to the IPR could possibly cause an unexpected engine shut down without warning.

*(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)]*

- 8/1/2012 – Engine Engineering and Quality open investigation based on reports of engine loss of power and stumble conditions.
- 9/23/12 – Interim containment action implemented at the engine plant to add epoxy to the IPR wire and connector to prevent wire vibration.
- 11/7/12 – Permanent containment of the IPR harness connector at the engine assembly plant by implementing a new harness assembly. The containment was effective on truck builds beginning on 11/9/12.
- 11/26/2012 – Engine Engineering and Quality meet to determine if issue should be addressed in the field and discuss possible suspect field population.
- 12/4/012 – Navistar determines suspect vehicle population based on engine serial numbers potentially affected by the IPR wire connection.
- 12/5/2012 – Engine Engineering, Quality, and Product Compliance meet to review the nature of the failure and assessed new reports of engine shut down arising from the wire fatigue to the point of breaking contact.
- 01/03/2013 – Engine Quality, Customer Support, and Compliance met to re-examine potential for additional IPR connector wires fatiguing to the point of separation.  
01/09/2013 – Navistar declares a safety recall.

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

- The remedy will involve installation of a redesigned IPR wire connector.

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

- A plan for reimbursement of pre-notification remedies is not needed as all the vehicles are within their original warranty period.

*(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 3/18/2013.

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

- 13502

The undersigned should be contacted for any additional information regarding this recall on (331) 332-1590.

Sincerely,

A handwritten signature in cursive script that reads "R. L. Van Laar".

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

RV: FI