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By Recall Management Division at 10:06 am, Sep 20, 2012

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

September 19, 2012

Associate Administrator for Enforcement  
National Highway Traffic Safety Administration  
1200 New Jersey Avenue, SE  
Washington D.C. 20590Subject: Defect Information Report (Initial)  
Navistar Campaign 12524

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 for its INTERNATIONAL<sup>®</sup> brand trucks.

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

- Vehicle Type / Make / Model / Model Year Involved:
  - Commercial Truck / INTERNATIONAL<sup>®</sup> / 8600 / 2013
  - Commercial Truck / INTERNATIONAL<sup>®</sup> / DuraStar<sup>®</sup> / 2012 and 2013
  - Commercial Truck / INTERNATIONAL<sup>®</sup> / ProStar<sup>®</sup> / 2011, 2012 and 2013
  - Commercial Truck / INTERNATIONAL<sup>®</sup> / WorkStar<sup>®</sup> / 2012
- Vehicle Manufacturing Dates:
  - 11/23/2010 thru 04/02/2012.
- Other Identification Necessary to Describe Vehicles:
  - Equipped with piston spring brake feature code 04EVP.

*(3) COMPONENT MANUFACTURER [Part 573.6(c)(2)(iv)]*This report relates only to a component supplied by Indian Head Industries – MGM Brakes.  
Contact information is:Henry Dangson  
Director of Quality  
8530 Cliff Cameron Drive  
Charlotte, North Carolina 28269  
(704) 547-7411

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

Type	Make	Model	Number of Suspect Vehicles		
			United States	Canada	Export
Commercial Truck	INTERNATIONAL®	8600	23	0	0
Commercial Truck	INTERNATIONAL®	DuraStar®	16	2	0
Commercial Truck	INTERNATIONAL®	ProStar®	514	16	0
Commercial Truck	INTERNATIONAL®	WorkStar®	6	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)]

- An internal design modification to the piston bore area of the piston in the spring brake chamber may in certain cases cause internal air leakage in the chamber.
- During release of the parking brake, an internal leak past the spring piston could result in the parking brake not fully releasing in some cases which could result in partial to full brake application.
- An unexpected application of the parking brake may contribute to a vehicle crash which may result in property damage, personal injury, or death.

(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)]

- 7/2/2012– Navistar Customer Service receives notice reporting a leaking piston in an MGM spring brake chamber.
- 7/17/2012 – Customer Service receives notice of additional leaks past the piston in the spring brake chamber.
- 7/25/2012 – Customer Service and MGM started working with select fleets to better understand issue.
- 8/10/2012 – Customer Service, Compliance, and MGM met to determine the scope, root cause, and severity of the issue in Navistar products.
- 8/15/2012 – Navistar completed determination of the total suspect population of vehicles built with suspect spring brake chambers.
- 8/23/2012 – Engineering, Compliance, and MGM met to discuss root cause and possible failure modes.
- 9/12/2012 – Navistar declares a safety recall.

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

- The remedy will involve installation of a new spring brake chamber.

*(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 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 11/12/2012.

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

- 12524

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

Sincerely,



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

RV: FI