



Navistar, Inc.
2701 Navistar Drive
Lisle, IL. 60532 USA

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

13V-054
(3 pages)

RECEIVED

By Recall Management Division at 11:42 am, Feb 20, 2013

R. L. Van Laar
Compliance Manager

February 20, 2013

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 13503

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 Workhorse Custom Chassis, LLC a wholly owned subsidiary.

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

- Vehicle Type / Make / Model / Model Year Involved:
 - Commercial Truck / Workhorse / W42 / 2011 and 2012
 - Commercial Truck / Workhorse / W62 / 2011 and 2012
- Vehicle Manufacturing Dates:
 - 07/18/2011 thru 07/12/2012
- Other Identification Necessary to Describe Vehicles:
 - Vehicle models listed above built with hydraulic brakes

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

- This report relates only to a component supplied by Robert Bosch LLC. Contact information is:

Mike Burrill
Director, Product Quality
Robert Bosch LLC
38000 Hills Tech Dr.
Farmington Hills, MI 48331
(248) 876-6673

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

Type	Make	Model	Number of Suspect Vehicles		
			United States	Canada	Export
Commercial Truck	Workhorse	W42	365	89	1
Commercial Truck	Workhorse	W62	2861	117	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)]

- Robert Bosch LLC has determined that a design modification to add clearance in the reservoir switch pocket to more efficiently install the brake master cylinder fluid level indicator (FLI) switch may have led to a potential defect if the differential pressure switch alternative is not also used on the vehicle.
- The FLI switch may move outward after assembly and may not be close enough to the float magnet to activate the indicator lamp. If the FLI switch is out of position, the driver may not get a warning if the fluid level is low. A low brake fluid level without warning may cause a reduction of hydraulic pressure to the disk brake calipers or wheel cylinders and lesson the braking force the brakes can apply.
- An unexpected reduction in braking force can cause an increase in stopping distance and 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)]

- 12/07/2012 – Navistar Compliance receives communication from Bosch that they have discovered an issue with the fluid level indicator resulting in the possibility of no warning lamp activation with a low brake fluid level condition.
- 12/10/2012 – Navistar Compliance and Bosch meet to determine if the Workhorse product is affected and to better understand the consequences if the switch moves out of position.
- 01/08/2013 – Navistar Compliance meets to review the low fluid warning system methods and determine the scope of the issue.
- 01/25/2013 – Navistar Compliance identifies the total suspect population of vehicles built with suspect master cylinder reservoirs that could have the suspect fluid level indicator condition.
- 02/06/2013 – Navistar Compliance and Bosch meet to understand identification of suspect fluid level indicators relating to the date code and further define the suspect population.
- 02/13/2013 – Navistar declares a safety recall.

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

- The remedy will involve installation of a redesigned FLI switch.

(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 04/22/2013.

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

- 13503

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