

October 17, 2013

13V-512
3 Pages

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

Subject: Defect Information Report for Additional Vehicles
New Navistar Campaign 51302-C
Reference: NHTSA Campaign 13V-054 – Navistar Campaign 51301-C

Dear Associate Administrator:

This defect information report is submitted pursuant to Part 573.6(a). Navistar has determined that additional vehicles may have been built with the defective hydraulic brake master cylinder fluid level switch as initially reported February 21, 2013.

(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 / 2012
 - Commercial Truck / Workhorse / W62 / 2012
- Vehicle Manufacturing Dates:
 - 07/13/2012 thru 10/12/2012
- 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	643	1	0
Commercial Truck	Workhorse	W62	1373	1	0

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

- It is estimated that all (10%) 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)]

- 09/24/2013 – Navistar receives communication from Workhorse Custom Chassis, LLC of additional units potentially built with suspect brake master cylinder reservoirs, as originally reported back in February 2013.
- 9/30/2013 – Navistar Compliance, Workhorse, and Bosch meet to determine the scope of the additional population. It was determined that the same number of the suspect master cylinders may have been installed in a larger population of vehicles than originally found.
- 10/14/2013 – Navistar finalizes the total suspect population of vehicles built with suspect master cylinder reservoirs that could have the suspect fluid level indicator condition.

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

- The remedy will involve inspection and installation of a redesigned FLI switch if needed.

(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)]

- It is estimated the customer notification letter will be mailed by October 25, 2013.

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

- 51302-C

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