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By Recall Management Division at 1:36 pm, Jun 04, 2013

13V-231
(3 pages)

May 23, 2013

Associate Administrator for Enforcement
National Highway Traffic Safety Administration
1200 New Jersey Avenue, SE
Washington D.C. 20590Subject: Defect Information Report (Revision 3)
Navistar Campaign 12530

Dear Associate Administrator:

This defect information report is submitted pursuant to Part 573.6(a). This revision relates to changes in the field remedy, vehicle population, and expected release date. The field remedy is being revised to include the addition of changing the brake spiders in addition to the S-cam tube bracket assemblies. The vehicle manufacturing date was expanded to include another build month. An estimated release date was added based on the new material requirements for the remedy. Changes occurred in paragraph 2, 4, 7, 8, and 10. Note that an updated interim customer letter was mailed on 5/2/13.

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

- Navistar, Inc. for its INTERNATIONAL[®] brand trucks.

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

- Vehicle Type / Make / Model / Model Year Involved:
 - Commercial Truck / INTERNATIONAL[®] / ProStar[®] / 2012 and 2013
 - Commercial Truck / INTERNATIONAL[®] / TranStar[®] / 2012 and 2013
- Vehicle Manufacturing Dates:
 - 08/01/2011 thru 07/10/2012
- Other Identification Necessary to Describe Vehicles:
 - Equipped with feature code 0504501, 0504504 or 04EWM front brake linings.

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

- This report relates only to a component supplied by Meritor. Contact information is:

Christine Wright

Regional Quality Manager
Meritor
2135 W. Maple Rd.
Troy, MI 48084
(248) 435-1968

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

Type	Make	Model	Number of Suspect Vehicles		
			United States	Canada	Export
Commercial Truck	INTERNATIONAL	ProStar	7591	1111	645
Commercial Truck	INTERNATIONAL	TranStar	165	45	21

(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 brake S-Cam tube bracket assemblies on steer axles may exhibit fractures between the wing bracket and the tube steel when mounted to stamped spiders.
- Fractures between the wing bracket and the tube steel may result in an inoperative brake on the affected wheel end resulting in an unexpected pull condition during braking application or an unexpected increase in stopping distance.
- An unexpected pull condition during braking or an unexpected increase in stopping distance 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)]

- 6/13/2012 – Navistar Customer Service receives first reports of broken S-Cam tube from the wing bracket on front steer axles.
- 6/21/2012 – Navistar Engineering and Meritor Engineering meet to understand the scope of the issue.
- 7/30/2012 – Navistar Engineering determines data insufficient to support further action at this time due to very low number of failures and no accidents reported. Plan to monitor for additional field reports and initiate a test program to determine likelihood of future occurrence.
- 7/31/2012 – Navistar Engineering releases improved Meritor S-cam tube assemblies with gussets to truck assembly plants.
- 10/18/2012 – Navistar Engineering and Meritor Engineering meet again to evaluate new data collected from vehicle testing and based on test results determine additional field failures could occur.

- 11/06/2012 – Navistar Engineering and Compliance meet to determine the scope of the issue and begin to determine models and plants affected.
- 11/14/2012 – Navistar determined suspect vehicle population and declares a safety recall.
- 12/05/2012 – Navistar Engineering, Compliance and Meritor Engineering meet again to evaluate new data collected from ongoing vehicle testing.
- 12/10/2012 – Navistar Engineering and Compliance meet again to evaluate new data collected from ongoing monitoring of field reports.
- 12/13/2012 – Navistar Engineering and Compliance meet to complete review of new data to determine failure mode is limited to TranStar and ProStar models.
- 12/18/2012 – Navistar finalizes suspect vehicle population.
- 4/24/2013 – Navistar expands the suspect population of the ProStar and TranStar models based on review of manufacturing dates with the suspect components.

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

- The remedy will involve replacement of stamped brake spiders with a cast brake spider, and installing replacement S-Cam tube bracket assemblies reinforced with gussets.

(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 that the owner notification letter will be mailed by 08/23/2013.

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

- 12530

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