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R. L. Van Laar
Compliance Manager

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11V-252
(3 Pages)

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

Subject: Noncompliance Information Report (Initial)
Navistar Campaign 11505

Dear Associate Administrator:

This noncompliance information report is submitted pursuant to Part 573.6(a).

(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® / DuraStar / 2011, 2012
 - Commercial Truck / INTERNATIONAL® / PayStar / 2011, 2012
 - Commercial Truck / INTERNATIONAL® / WorkStar / 2011, 2012
 - Commercial Truck / INTERNATIONAL® / TranStar / 2011, 2012
 - Commercial Truck / INTERNATIONAL® / LoneStar / 2011, 2012
 - Commercial Truck / INTERNATIONAL® / ProStar / 2011, 2012
- Vehicle Manufacturing Dates:
 - 11/5/10 thru 3/10/11
- Other Identification Necessary to Describe Vehicles:
 - Equipped with trailer brake connections.

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

- This report relates to a component manufactured by Bendix Commercial Vehicle Systems; however, the noncompliance is related to a Navistar configuration change of the component.

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

Vehicle Type	Make	Model	Number of Suspect Vehicles
Commercial Truck	INTERNATIONAL®	DuraStar	508
Commercial Truck	INTERNATIONAL®	PayStar	14
Commercial Truck	INTERNATIONAL®	WorkStar	746
Commercial Truck	INTERNATIONAL®	TranStar	295
Commercial Truck	INTERNATIONAL®	LoneStar	2
Commercial Truck	INTERNATIONAL®	ProStar	978
Total:			2543

(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 vehicle's trailer ABS fault indicator lamp will not illuminate if a trailer ABS fault occurs due to a programming or hardware issue with the brake system electronic control unit. This condition does not comply with FMVSS 121 paragraph S.5.1.6.2.b. which states that each truck tractor manufactured on or after March 1, 2001, and each single unit vehicle manufactured on or after March 1, 2001, that is equipped to tow another air-braked vehicle....each such truck tractor and single unit vehicle shall also be equipped with an indicator lamp, separate from the lamp required in S5.1.6.2(a), mounted in front of and in clear view of the driver, which is activated whenever the malfunction signal circuit described above receives a signal indicating an ABS malfunction on one or more towed vehicle(s).
- An inoperable trailer ABS fault indicator may prevent the driver from being aware of a trailer ABS fault condition thereby possibly increasing the risk of a crash potentially resulting 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)]

- 3/3/11 – Initial awareness: Navistar test engineers were performing functional tests on a pilot build vehicle at Garland assembly plant, when they found that the trailer ABS light was not activating when it should.
- 3/9/11 – Navistar Engineering updated the Power Train Database to change the parameter value to contain the issue at the plant.
- 3/14/11 – Navistar began determining scope of issue. The trailer communication is being disabled, which results in the ABS warning lamp not being functional. The cause was determined to be the Power Train Database parameter was incorrectly setting a value to disable certain feature combinations.
- 3/23/11 - Engineering, Field Service met to further define scope and determine possible remedy.

- 3/31/11 – Navistar identified the list of vehicles where brake modules could be affected.
- 4/6/11 - Engineering received possible field remedy application software and tested vehicle to ensure the programming would make the required changes on the vehicle.
- 4/13/11 - Compliance Committee approved non-compliance recall 11505

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

- The remedy will involve the reprogramming or replacement of the antilock brake system's electronic control unit.

(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)]

- It is estimated that the owner notification letter will be mailed by 5/20/11.

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

- 11505

The undersigned should be contacted for any additional information regarding this recall on (260) 461-1890.

Sincerely,



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

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