



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

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

14V-201
(5 pages)
R. L. Van Laar
Compliance Manager

Date: April 16, 2014

This report serves as Navistar's notification to the U.S. Department of Transportation, National Highway Traffic Safety Administration that a defect related to motor vehicle safety, exists in certain DuraStar®, WorkStar®, TranStar®, and ProStar® model trucks. Navistar, Inc. decided that this defect existed in these vehicles on 04/09/2014.

I. Manufacturer, Designated Agent, and Other Chain of Distribution Information

Manufacturer's corporate name:

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

Designated Agent (imported vehicles): None.

If this notification concerns a defective or noncompliant component that the above identified manufacturer did not manufacture, identify that component and provide the name, address, and phone number of the manufacturer of the component (if this manufacturer is unknown, provide this information as to the supplier of the component): None

Name, address, email, and phone and fax numbers for the person(s) to whom inquiries about this report should be directed:

R.L. Van Laar
Compliance Manager
2701 Navistar DR.
Lisle, IL 60532
P: 331-332-1590
Rick.vanlaar@navistar.com

Manufacturer's assigned Campaign number: 14508

II. Identification of the Recall Population and Its Size

Complete the tables below for each group of vehicles subject to this notification. Additional tables may be necessary where there are more than three groups subject to a notification.

Make: International
Model: DuraStar®
Model Year(s): 2013, 2014, and 2015
Inclusive dates of manufacture (month and year): 11/2012 through 12/2013
Body Style/Type (for non-passenger cars): medium diesel truck
Other information necessary to describe these vehicles (e.g., VIN range, GVWR or class for trucks, displacement for motorcycles, and number of passengers for buses): GVWR of 33,000 through 52,000.
Total number of these vehicles: US – 26, Canada – 2

Make: International
Model: WorkStar®
Model Year(s): 2013, 2014, and 2015
Inclusive dates of manufacture (month and year): 12/2012 through 01/2014
Body Style/Type (for non-passenger cars): severe service diesel truck
Other information necessary to describe these vehicles (e.g., VIN range, GVWR or class for trucks, displacement for motorcycles, and number of passengers for buses): GVWR of 37,000 through 66,000.
Total number of these vehicles: US – 66, Canada – 7

Make: International®
Model: TranStar®
Model Year(s): 2014 and 2015
Inclusive dates of manufacture (month and year): 01/2013 through 02/2014
Body Style/Type (for non-passenger cars): Heavy Diesel Truck
Other information necessary to describe these vehicles: Class 8
Total number of these vehicles: US – 2, Canada – 135

Make: International®
Model: ProStar®
Model Year(s): 2014 and 2015
Inclusive dates of manufacture (month and year): 01/13 through 02/2014
Body Style/Type (for non-passenger cars): Heavy Diesel Truck
Other information necessary to describe these vehicles: Class 8
Total number of these vehicles: US – 203, Canada – 25

Provide the following information as to all the groups of vehicles:

- Grand total number of vehicles: US – 297, Canada – 169

The percentage of the recall population you estimate actually contain the defect or noncompliance:

- It is estimated that all (100%) of the vehicles in suspect population could have the defect.

Identify and describe how the recall population was determined (e.g., on what basis the recalled models were selected and how the inclusive dates of manufacture were determined):

- The suspect population is identified by models equipped with air disc brake feature codes 04WEY, 04WEZ, or 04WZK. The dates of manufacture was determined by models built from the date the brake assemblies began to be installed to the axle assemblies at a new build station until the date of containment for this issue at the vehicle assembly plants.

Describe how the recall population is different from any similar vehicles not subject to this notification:

- The vehicles in the suspect population were built with air disc brake feature codes 04WEY, 04WEZ, or 04WZK which are different feature codes than previous models equipped with air disc brakes.

III. Description of the Defect or Noncompliance and Chronology of Events

Describe the defect or noncompliance, including a summary and detailed description of the nature and physical location (if appropriate) of the defect or noncompliance. Graphic aids should be provided where necessary.

- The correct number of bolts that fasten the air disc brake caliper to the caliper mounting plate may not have been installed or they may not have been tightened to their specified torque.

Describe the cause(s) of the defect or noncompliance condition.

- The standard assembly processes did not include validation process for proper bolt installation and torque.

Describe the safety consequence(s) of the defect or noncompliance condition.

- Missing bolts or under torque condition may cause the remaining mounting bolts to become loose and possibly allow the air disc brake caliper to separate from the caliper mounting plate 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.

Identify any warning(s) that may precede the defect or noncompliance condition.

- Possible noise or rattling sound at the wheel end.

For defects, provide a dated, chronological summary of all the principle events that were the basis for the determination that the defect is related to motor vehicle safety, including a summary of all warranty claims, field or service reports, and other information such as numbers of crashes, injuries and fatalities.

- 12/19/2013 – Navistar receives dealer warranty claim for missing left steer caliper mounting bolts. Engineering and Manufacturing initiates investigation.
- 01/29/2014 – Navistar receives communication from dealer for a second unit with missing drive axle caliper mounting bolts.
- 02/18/2014 – Navistar contains the issue at all assembly plants. The manufacturing bill of material has been updated to include the correct quantity of bolts and a verification process that bolts are tightened to the correct torque.
- 03/03/2014 – Navistar Product compliance, Manufacturing, and Engineering meet to determine the plant work instructions for the Meritor brake assembly did not specify the correct quantity of bolts and there was no validation process to verify fastener torque for the Bendix brake assembly.
- 03/12/2014 – Navistar Product Compliance, Engineering, and Manufacturing meet to determine the suspect population.
- 04/09/2014 – Navistar Product Compliance finalizes suspect population.
- 04/09/2014 – Navistar declares a Safety Recall.

To date, there have been no reported crashes, injuries, or fatalities.

For noncompliances, identify the test results and other information considered in determining the existence of the noncompliance, and provide the date of each test and observation indicative of that noncompliance.

IV. The Remedy Program and Its Schedule

Describe the program for remedying the defect or noncompliance, including the plan for reimbursing those owners and purchasers who may have incurred costs to remedy the defect or noncompliance before receiving the manufacturer's notification concerning that defect or noncompliance. Also include, where applicable, details with dates concerning any production remedy that was conducted or will be conducted.

- The remedy will involve replacing any missing caliper mounting bolts and tightening all caliper mounting bolts to the correct torque.
- The manufacturing bill of material has been updated to include the correct quantity of bolts and a verification process that bolts are tightened to the correct torque.

Provide the estimated date(s) on which owner and purchaser notifications will be issued and the estimated date(s) for completion of those notifications.

- It is estimated that the Customer notification letter will be mailed by May 16, 2014.

Provide the estimated date(s) on which dealer and distributor notifications will be issued and the estimated date(s) for completion of those notifications.

- It is estimated that the dealer notification letter will be mailed by May 16, 2014.

Clearly describe the distinguishing characteristics of the remedy component/assembly versus the recalled component/assembly.

- The remedy will involve replacing any caliper mounting bolt found missing and tightening all caliper mounting bolts to the specified fastener torque. Proper bolt installation and/or torque was not achieved or validated at the time of original assembly.

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