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(3pages)

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DEFECT INFORMATION REPORTS
DIVISION 100

Timothy Blubaugh
Director
Government Technical Affairs

Freightliner LLC
4747 N. Channel Avenue
Portland, OR 97217-7699
PO Box 3849 C2D-ENG
Portland, OR 97208-3849
503.745.5219 Phone
503.745.6800 Fax
TimothyBlubaugh@Freightliner.com

February 5, 2007

Dan Smith
Associate Administrator for Vehicle Safety
National Highway Traffic Safety Administration
400 Seventh Street, S.W.
Washington, D.C. 20590

Re: Defect Information Report FL-491, AMU Double Check Valve

Mr. Smith:

In accordance with Part 573 of Title 49 of the Code of Federal Regulations, Freightliner LLC herewith reports a safety campaign to recall approximately 850 Freightliner trucks, FCCC school bus chassis and Thomas Built Buses C2 school buses for a defect in vehicles equipped with certain AMU double check valve modules.

Attached is Freightliner's Defect Information Report.

Please contact me if you have any questions.

Sincerely yours,

Timothy Blubaugh

Cc: Michael Mason, CAL-OSHA
Enclosure
Certified Mail#70023150000414054523

Defect Information Report

(Section 573.6)

February 5, 2007

(c)(1) Manufacturer: Freightliner LLC
P.O. BOX 3849
Portland, Oregon 97208
(503) 745-5219

Brands: Freightliner Trucks, Freightliner Custom Chassis, Thomas Built Buses

(c)(2) Vehicles identification:

Model(s) affected: Freightliner Business Class M2,
FCCC B2 and S2 bus chassis
TBB C2 Saf-T-Liner school bus

Model Years affected: 2007

Manufacture Dates: Chassis Starts - July 3, 2006 through November 3, 2006

Basis for determining population: Vehicles manufactured with certain part number 12-18201-001 AMU double module used in controls for park brake release interlock controls on school bus chassis or in the optional M2 work brake control. Defective valves can be identified by the date code.

Component manufacturer if other than the vehicle manufacturer:

Norgren, Global Vehicle Technologies
425 "C" Street, N.W. Suite 100
Auburn, WA 98001

(c)(3) Total number of vehicles potentially affected: Approximately 850

(c)(4) Percentage of vehicles estimated to contain the defect: 100%

(c)(5) Description of the defect: A machining error in the body of the 12-18201-001 double check valve module may intermittently prevent the shuttle ball from properly functioning or closing. The 12-18201-001 double check valve module is used in work brake or park brake interlock controls. **49CFR Section 577.5(f) Evaluation of the risk to motor vehicle safety:**

On bus chassis with park brake interlock controls, the double check valve may release air from the service and parking brakes when service brake is applied. The force being applied by the park brakes may not be equal to the reduction in force on the service brakes. Under certain conditions the vehicle may roll.

On vehicles with work brakes, the work brake may not hold depending on weight, slope, and air leak rate, or the stop lamps may intermittently not come on during when the service brake pedal is applied.

(c)(6) Chronology of principal events:

In October, 2006, Freightliner notified Norgren that some double check valves were sticking in systems tests during production. Norgren examined parts and identified the defect. In December 2006, Freightliner identified the applications that used the valve and evaluated the failure modes.

(c)(7) Noncompliance-test or other data: not applicable

(c)(8) Remedial program: Repairs will be performed by Freightliner dealerships and Direct Warranty customers, i.e., customers approved by Freightliner to do their own warranty repairs. The defective AMU double check valve modules will be replaced.

Estimated Owner Notification Date: Customer notification will be by first class mail using Freightliner records to determine the customers affected. This will be completed approximately April 6, 2007

Reimbursement Plan: All prior repairs were completed under warranty.

(c) (9) Communications sent to dealers and owners: Copies will be submitted as a supplemental report when available.

(c) (10) Copy of proposed owner notification letter: A draft will be sent for ODI review when available.

(c) (11) Manufacturer's campaign number: FL-491