

Part 573 Safety Recall Report**15V-220****Manufacturer Name :** Fontaine Modification**Submission Date :** APR 13,2015**NHTSA Recall No. :** 15V-220**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : Fontaine Modification

Address : 9827 Mt. Holly Road

Charlotte NC 28214

Company phone : 704-409-1614

Population :

Number of potentially involved : 3,571

Estimated percentage with defect : 100

Vehicle Information :

Vehicle : 2006-2015 Freightliner M2 Business Class

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : ALL

Power Train : DIESEL

Descriptive Information : Non-compliance affects all 2006 to 2015 Freightliner M2 vehicles converted to Dual Steering by Fontaine Modification.

Production Dates : JAN 02, 2006 - JAN 23, 2015

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs**Description of Defect :**

Description of the Defect : FMVSS No. 121, S5.1.7. Service brake stop lamp switch. A switch that lights the stop lamps when the service brake control is statically depressed to a point that produces a pressure of 6 psi or less in the service brake chambers. Brake/Stop lights of the affected vehicles will not illuminate if primary air supply is depleted below 6 psi. Brake/Stop lights should illuminate when there is a minimum of 6 psi in either the primary or secondary air supply system.

Description of the Safety Risk : In the unlikely event of a complete primary air system failure resulting in the truck relying solely on the secondary air system for braking, once pressure drops below 6 psi in the primary air system, Brake/Stop lights will not illuminate.

Description of the Cause : A signal to Brake/Stop lights from the secondary air supply system was inadvertently eliminated by Fontaine Modification during conversion to dual steering (2 steering positions, LH & RH side).

Identification of Any Warning that can Occur : If/when pressure in the primary air system drops below 60 psi, an audible warning buzzer starts buzzing and a "Brake Air" light

in the instrument cluster illuminates as indicators of an issue within the air system.

Supplier Identification :**Component Manufacturer**

Name : NR

Address : NR

FOREIGN STATES

Country : NR

Chronology :

*January 22, 2015: Fontaine Modification was (falsely) notified that an end user/owner had been cited during a DOT inspection for the brake/stop lights not working when the primary air supply system was depleted (drained) below 6 psi.

There was no actual citation, but it prompted an internal investigation by Fontaine Modification.

*January 22 through 29, 2015: Fontaine Modification investigated the issue and determined that the modification to the OEM air piping did eliminate the signal to the brake/stop lights from the secondary air supply system.

*January 23, 2015: Fontaine Modification revised the air piping modification at the left side OEM brake/foot valve to provide a signal to the brake/stop lights from both the primary air supply system and the secondary air supply system.

*February 10, 2015, Fontaine Modification contacted NHTSA (Kelly Schuler) to determine which FMVSS regulation this issue is non-compliant to. As suggested by Kelly Schuler, Fontaine Modification contacted Bruce York at NHTSA to assist in proper FMVSS regulation.

*February 10, 2015, Fontaine Modification ordered parts required to assemble kits to provide to strategic customers.

*February 12, 2015, Bruce York advised via email that the non-compliance should be addressed against FMVSS No. 121, S5.1.7, which requires that the vehicle be equipped with a switch that will illuminate the stop lamps when the operator makes a 6 psi (or less) brake application.

Description of Remedy :

Description of Remedy Program : A kit with parts to resolve the issue will be supplied by Fontaine Modification to Freightliner dealers and authorized service facilities at no charge and Fontaine Modification will pay 0.5 hours of labor to install these parts.

How Remedy Component Differs from Recalled Component : NR

Identify How/When Recall Condition was Corrected in Production : Parts required to resolve the non-compliance were installed on production units as of January 23, 2015 beginning with VIN 1FVHG5CY5GHGT4341. All subsequent trucks left Fontaine

Modification in compliance to FMVSS No.
121, S5.1.7.

Recall Schedule :

Description of Recall Schedule : Dealer notification is planned to occur during the week of May 11th, 2015.
Customer notification is planned to occur during the week of May 18th, 2015.
Customer notification will be made by first class mail using Fontaine
Modification Company records to determine the customers affected.

Planned Dealer Notification Date : MAY 11, 2015 - MAY 15, 2015

Planned Owner Notification Date : MAY 18, 2015 - MAY 22, 2015

* NR - Not Reported