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PREVOST

September 4th 2012

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3 Pages

National Highway Traffic Safety Administration (NSA-10)
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Washington, D.C. 20950
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Subject: Recall Campaign SR12-29
Automatic Fire Detection And Suppression System (AFSS) – Protection
of Linear Thermal Detector (LTD)
Some Model Year 2013 Prevost vehicles
Defect Report

Hi:

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act and 49 CFR Part 573.

Prevost has decided to conduct this safety action. Details of this action are included in the attached Defect Report.

Best regards,



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Defect Report

Recall Campaign Number Prevest SR12-29
Subject: Automatic Fire Detection and Suppression System (AFSS) – Protection of Linear Thermal Detector (LTD)

Vehicle Models Involved in the Recall:

- **Manufacturer:** Prevest
- **Models:**

X3-45 Coaches equipped with Volvo D13 engine and AFSS system
Some Model Year: 2013
From 2PCG33495DC up to 2PCG33490DC

MTH XLII-45E equipped with Volvo D13 engine and AFSS system
Model Year 2013
VIN: 2PCYS3490DC only.

Dates of Production: Begin May 4th 2012, ending July 20th 2012

Recall Population

- Approximate percentage of the production of all the recalled models manufactured by Prevest between the inclusive dates of manufacture provided above, that the recalled model population represents : 71%
- Estimated number of vehicles potentially affected by the Recall: Approximately: 15
- Approximate percentage of the total number of vehicles estimated to actually contain the defect: 100%
- How the recall population was determined: the models recalled are those equipped with Volvo engine and AFSS system, produced between dates above.

Description of the Defect

- **Description:** On the vehicles involved in this recall, there is a possibility that the Automatic Fire Detection and Suppression System (AFSS) activates by mistake

due to wear of detection cable. A protection cloth (p/n 564099) might be missing in between cable tie and detection cable.

- **Cause of the defective condition:** Assembly instructions not per design specifications.
- **Consequence:** AFSS system may activate while no fire, causing the vehicle to come to an unplanned stop.
- **Warning that can precede:** wear on linear thermal detector. Buzzer activated informing driver that AFSS will shut down engine and discharge in 15 seconds if the override switch is not activated by the driver.

Chronology in determining the Defect

May 4 th 2012	Product Improvement implemented on AFSS system on Prevost production line;
July 20 th 2012	First instance of discharge on production line coach during engine dyno test due to none-compliant thermal wire installation.
July 23 2012 to Aug.13, 2012	Prevost Summer Shutdown
August 15 th 2012:	Approval and Implementation of correction in production (Retrofit R890)
August 28 th 2012:	Prevost took the decision to perform a safety recall

To date, no accidents, injuries nor fatalities have been reported.

Description of the Remedy

Prevost has voluntarily decided that all suspected vehicles shall have their Linear thermal detector inspected and repaired, free of charge.

Differences between the recall condition and the remedy

Recalled vehicles might have rubbing linear thermal detector against tie cables;
The remedy will add protection cloth in between detector and tie cable.

How and when the recall condition was corrected in production.

Vehicles produced after July 20th 2012 are compliant.

Recall Schedule

September 2012: Safety recall is expected to be mail out to customers.

As of now, no problems are foreseen with implementing the recall.

Recall Communications

Copies of notice to customers and bulletin will be sent shortly, for your review.