

RECEIVED

2007 FEB -1 A 10:30

OFFICE OF DEFECTS
INVESTIGATION/RMD

07V-029
(7 pages)

Safety Defect and Noncompliance Report Guide for Vehicles
PAR 573 Defect and Noncompliance Responsibility and Reports¹

On November 21st, 2006, Nova BUS, division of Prevost Car Inc. [MFR] decided that (a defect which relates to motor vehicle safety) (a noncompliance with Federal Motor Vehicle Safety Standard No. _____) exists in the motor vehicles listed below, and is furnishing notification to the National Highway Traffic Safety Administration in accordance with 49 CFR Part 573 Defect and Noncompliance Responsibility and Reports.

Date this report was prepared: November 21st, 2006 _____

Furnish the manufacturer's identification code for this recall (if applicable): _____

1. Identify the full corporate name of the fabricating manufacturer of the vehicle being recalled. If the recalled vehicle is imported, provide the name and mailing address of the designated agent as prescribed by 49 U.S.C. §30164.

Nova BUS, division of Prevost Car Inc., 1000 Industrial Blvd, St. Eustache, Quebec, J7R 5A5, Canada.

Identify the corporate **official**, by name and title, whom the agency should contact with respect to this recall.

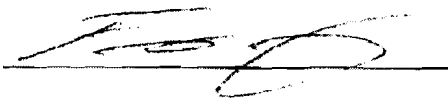
Mr. Francis St-Cyr, Manager, Publications and After Sales Service _____

Telephone number: (450) 472-6410, extension 6591 —Fax No: (450) 472-5560 _____

Name and title of **Person** who prepared this **report**.

Mr. Francis St-Cyr _____
Manager, Publications and After Sales Service _____

Signed:



¹ Each manufacturer must furnish a report, to the Associate Administrator for Enforcement, for each defect or noncompliance condition which relates to motor vehicle safety.

This guide was developed from 49 CFR Part 573, "Defect and Noncompliance responsibility and Reports" and also outlines information currently requested. Any questions, please consult the complete Part 573 or contact Mr. George Person at (202)366-5210 or by FAX at (202)366-7882.

1. Identify the vehicle Models Involved in the Recall

2. Identify the Vehicles involved in the Recall, *for each make and model or applicable vehicle line (provide illustrations or photographs as necessary to describe the vehicle), provide:*

Make(s): RTS _____ **Model Years Involved:** 1994 to 2002, **Model(s):** Transit Bus _____

Production Dates: Beginning: 1994 _____ Ending: 2002

VIN Range: Beginning: See attached _____ Ending: See attached

Vehicle Type: Transit Bus **Bodystyle:** RTS _____

Descriptive information which characterizes/distinguishes the recalled vehicles from those model vehicles not included in the recall:

Engines in vehicles of this group which have not had a temperature sensor installed in the exhaust system are to be recalled. _____

Make(s): _____ **Model Years Involved:** _____ **Model(s):** _____

Production Dates: Beginning: _____ Ending: _____

VIN Range: Beginning: _____ Ending: _____

Vehicle Type: _____ **Bodystyle:** _____

Descriptive information which characterizes/distinguishes the recalled vehicles from those model vehicles not included in the recall:

Make(s): _____ **Model Years Involved:** _____ **Model(s):** _____

Production Dates: Beginning: _____ Ending: _____

VIN Range: Beginning: _____ Ending: _____

Vehicle Type: _____ **Bodystyle:** _____

Descriptive information which characterizes/distinguishes the recalled vehicles from those model vehicles not included in the recall:

Identify the approximate percentage of the production of all the recalled models manufactured by your company between the inclusive dates of manufacture provided above, that the recalled model population represents. For example, if the recall involved Widgets equipped with **certain** items of equipment **from** January 1, 1996 through April 1, 1977, then what was the percentage of the recalled Widgets of all Widgets **manufactured** during that time period.

II. Identify the Recall Population

3. Furnish the total number of vehicles recalled potentially **containing** the defect or noncompliance.

<u>Model</u>	<u>Year</u>	<u>Number Of Vehicles Potentially Involved</u>
RTS	1994 to 2002	900

Total Number Potentially Affected by the Recall: 900

4. Furnish the approximate percentage of the total number of vehicles estimated to actually contain the defect or noncompliance:

Identify and describe how the recall population was determined —in particular how the recalled models **were** selected and the basis for the beginning and final dates of manufacture of the recalled vehicles:

Production records and warranty information records were examined to determine the vehicles involved

III. Describe the Defect or Noncompliance

5. Describe the defect or noncompliance. The description should address the nature and physical location of the defect or noncompliance. Illustrations should be provided as appropriate.

The turbocharger on the Detroit Diesel engines installed in these vehicles may fail prematurely. The failure would consist of breakage of the turbocharger compressor wheel.

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

The strength of the material in the turbocharger compressor wheel was reduced **as** a result of its configuration and duty cycle. This can lead to breakage of the wheel.

Describe the consequence(~~~~~) of the defect or noncompliance condition.

Turbocharger compressor wheel failure can result in shaft imbalance and lubricating oil passing into the exhaust system. This can result in a fire.

Identify any **warning** which can (a) precede or (b) occur.

The failure can occur without warning. When such a condition occurs, visible exhaust smoke can be seen out of the tailpipe. In cases where particulate filters are installed on the exhaust system, there is no visible smoke.

If the defect or noncompliance is in a component or assembly purchased from a supplier, identify the supplier by corporate name and address.

The turbochargers in question were manufactured by: _____
Honeywell Turbocharging Technologies, 3201 W. Lomita Blvd, CA, U.S.A. _____

Identify the name and title of the chief executive **officer** or knowledgeable representative of the supplier:

Jeff Donnell, President. _____

IV. Provide the **Chronology** in **Determining the Defect/Noncompliance**

If the recall is for a defect, complete item 6, otherwise item 7.

6. **With** respect to a defect, furnish a chronological summary (including dates) of all the principle events that were the basis for the determination of the defect. The summary should include, but not be limited to, the number of reports, accidents, injuries, fatalities, and warranty claims.

7. With respect to a noncompliance, identify and provide the test results or other data (in **chronological** order and including dates) on which the noncompliance was determined.

Since the introduction of the 1998 and 1999 model year Detroit Diesel engines, there have been 13 cases of turbocharger failure for which the word *fire* was reported. The information on these failures was determined by a search of warranty records from Detroit Diesel Corporation. Some of these, upon investigation revealed that there was no fire, but fire suppression equipment had been activated. There have been no accidents, injuries or fatalities associated with these fires.

V. Identify the Remedy

8. A description of the manufacturer's program for remedying the defect or noncompliance. This program shall include a plan for reimbursing an owner or purchaser who incurred costs to obtain a remedy for the problem addressed by the recall within a reasonable time in advance of the manufacturer's notification of owners, purchasers and **dealers**, in accordance with §573.13 of this part. A manufacturer's plan may incorporate by **reference** a general reimbursement plan it previously submitted to NHTSA, together with **information** specific to the individual **recall**. Information required by §573.13 that is not in a general reimbursement plan shall be submitted in the manufacturer's report to the NHTSA under this section. If a manufacturer submits one or more general reimbursement plans, the manufacturer shall update each plan every two years, in accordance with §573.13. The manufacturer's remedy program and reimbursement plans will be available **for** inspection by the public at NHTSA headquarters.

Nova Bus will conduct a Recall Campaign to install an exhaust temperature sensor and reprogram the ECM calibration.

9. **Furnish** a description of the manufacturer's remedy for the defect or noncompliance. Clearly describe the difference between the recall condition and the remedy.

N/A. _____

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

The temperature sensors are not installed on the engines being recalled. _____

Identify and describe how and when the recall condition was corrected in production. If the production remedy was identical to the recall remedy in the field, so state. If the product was discontinued, so state.

Exhaust temperature sensors were introduced into production in May 1999.

VI. Identify the Recall Schedule

10. Furnish a schedule or agenda (with specific dates) for notification to other manufacturer's, dealers, retailers, and **purchasers**. Please identify any foreseeable problems with implementing the recall.

Exhaust temperature sensors are currently available through the Detroit Diesel Service Parts System.

VII. Furnish Recall Communications

11. Furnish a final copy of all notices, bulletins, and other communications that relate directly to the defect or noncompliance and which are sent to more than one manufacturer, distributor **or** purchaser. This includes all communications (including both original and follow-up) concerning this recall from the time your company determines the defect or noncompliance condition on, not just the initial notification. A DRAFT *copy of the notification documents should be submitted to this office by Fax (202-366-7882) for review prior to mailing.*

Note that these documents are to be submitted separately from those provided in accordance with Part 579.5 requirements.