



RECEIVED  
2008 APRIL 1 - 10:30 AM  
OFFICE OF RECALL  
MANAGEMENT DIVISION

08V-150  
(3 Pages)

### **PART 573 Defect Report and Noncompliance Report**

On December 4<sup>th</sup>, 2006, Nova Bus decided that a defect which relates to motor vehicle safety 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 Reports.

Date this report was prepared: February 15<sup>th</sup>, 2008

The manufacturer's identification code for this recall: CR1219A

**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, 1000 Industrial Blvd, St-Eustache, Quebec, Canada, J7R 5A5

**Nova Bus official whom the agency should contact with respect to this recall:**

John Dillon  
After-Sales Service Manager  
Telephone: (514) 617-6106  
Fax: (450) 974-3001

**Person who prepared this report:**

John Dillon  
After-Sales Service Manager

Signed:

Peter Cerantola, After Sales Service Representative (514)531-5362  
For John Dillon

1000 Industriel Blvd.  
Saint-Eustache (Quebec)  
Canada J7R 5A5

**Telephone:** (450) 472-6410  
**Fax:** (450) 974-3001

[www.novabus.com](http://www.novabus.com)



## 2. Identify the Vehicles Involved in the Recall,

Make: Nova Bus      Model Years Involved: 2003 to 2006      Model(s): LFS  
Production Dates: Beginning: Ending:  
VIN Range: Beginning: 2NVYL82U553000005 Ending: 2NVYL82U553000005 (1)  
VIN Range: Beginning: 2NVYL82VX53000221 Ending: 2NVYL82VX53000221 (1)  
VIN Range: Beginning: 2NVYL82U543000049 Ending: 2NVYL82U543000049 (1)  
VIN Range: Beginning: 2NVYL82U163000164 Ending: 2NVYL82U363000165 (2)  
VIN Range: Beginning: 2NVYL82U563000166 Ending: 2NVYL82U163000178 (13)  
VIN Range: Beginning: 2NVYL82U963000235 Ending: 2NVYL82U963000235 (1)

Vehicle Type: Heavy Duty Transit Bus      Body style: 40 FT Diesel Low Floor Bus

Recalled vehicles have CUMMINS ISL CM850 engine installed and are targeted by CUMMINS FIELD CAMPAIGN C0610.

This Defect Report targets 100% of all vehicles produced by Nova Bus and sold to the US between the inclusive dates of manufacture provided above.

## 3. Total number of vehicles recalled potentially containing the defect.

Number of Vehicles: 19.  
Model Year Potentially Involved: 2003 to 2006.  
Total Number Potentially Affected by the Recall: 19.

## 4. Approximate percentage of the total number of vehicles estimated to actually contain the Defect: 100%

All targeted vehicles are equipped with CUMMINS ISL and CM850 fuel System and where built prior to November 7<sup>th</sup>, 2006.  
Nova Bus started installing the proper fuel line bracket in its assembly plant on November 7<sup>th</sup>, 2006.

1000 Industriel Blvd.  
Saint-Eustache (Quebec)  
Canada J7R 5A5

**Telephone:** (450) 472-6410  
**Fax:** (450) 974-3001

[www.novabus.com](http://www.novabus.com)



**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.**

On Cummins ISL and ISC engines equipped with the CM850 fuel System, the engine high pressure fuel lines from the engine high pressure pump to the engine fuel rail are prone to failure. Failure typically occurs at or under the fuel line fitting attachments. Failure of the fuel line introduces high pressure atomized diesel fuel into the engine compartment. Fuel line pressure is typically between 18,000 and 22,000 psi.

**Describe the cause of the defect or noncompliance condition.**

Fuel line failures have been determined to be caused by prolonged vibration.

**Describe the consequences of the defect or noncompliance condition.**

The introduction of high pressure atomized fuel into the engine compartment creates a risk of fire due to possible ignition when the fuel vapor comes in contact with hot surfaces,

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

- (a) Fuel leakage would be visible during a maintenance inspection of the engine compartment.
- (b) A strong fuel odor from the engine compartment.

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

Cummins Inc. 500 Jackson St. Columbus Indiana 47201

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

Steve Butler-Director of Engine Certification