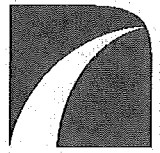


**RECEIVED**

By Recall Management Division at 12:36 pm, Jun 20, 2013

13V-254  
(4 pages)



North American  
Bus Industries, Inc.

BY ELECTRONIC MAIL ([RMD.ODI@DOT.GOV](mailto:RMD.ODI@DOT.GOV)) & U.S. MAIL

June 20, 2013

Nancy L. Lewis  
Associate Administrator for Enforcement  
National Highway Traffic Safety Administration  
1200 New Jersey Avenue, SE  
Washington, D.C. 20590  
Attn: Recall Management Division

Subject: NABI Safety Recall #20135 – HVAC voltage regulator fuse holder  
Dear Ms. Lewis:

Attached is a Vehicle Defect Initial Information Report, which is being submitted by North American Bus Industries, Inc. pursuant to 49 C.F.R. Part 573.

The undersigned should be contacted for any additional information regarding this recall.

Sincerely,

North American Bus Industries, Inc. (NABI)

A handwritten signature in cursive script, appearing to read "Dan C. Allen".

Dan C. Allen  
Chief Engineer  
Ph. 256-453-2242

Enclosures

**NORTH AMERICAN BUS INDUSTRIES (NABI)**

**VEHICLE DEFECT  
INITIAL INFORMATION REPORT**

**NABI Recall No. 20135 – HVAC voltage regulator fuse holder**

Date Submitted: June 20, 2013

MAKE	MODEL	MODEL YEAR	NUMBER OF VEHICLES	MANUFACTURED DATES		OTHER IDENTIFICATION NECESSARY TO DESCRIBE VEHICLE
				FROM	THROUGH	
NABI	40LFW 31LFW	2012-2013 2013	100	10/5/2012	5/15/2013	Certain NABI 40LFW and 31LFW city transit buses equipped with a rear mount Suttrak electric HVAC

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Total Number of Vehicles: 100

Percent Potentially Containing Defect: Estimated 100%

**NORTH AMERICAN BUS INDUSTRIES, Inc. (NABI)**

**VEHICLE DEFECT  
INITIAL INFORMATION REPORT**

**NABI Recall No. 20135 – Sutrak HVAC fuse holder**

**Certain NABI city transit buses, equipped with Sutrak rear mount HVAC # ACE219G 719.045G, may have a defective electrical fuse holder.**

**RISK TO MOTOR VEHICLE SAFETY:** The fuse holder, which is contained within the HVAC, may allow the fuse to make intermittent connections within the fuse holder. Since this fuse does not maintain continuity within the generator control circuit, it causes the generator to intermittently produce voltage spikes on the generator output voltage. These voltage spikes in some cases cause damage to the insulation in the connector of the cable that delivers power from the generator to the electrical distribution box of the HVAC system. This may cause an electrical fault within the power connector, and may result in thermal damage to surrounding components on the HVAC unit or the bus.

All NABI buses equipped with this model rear mount HVAC unit have been delivered to only one customer.

There have been no accidents, injuries or property damage resulting from this condition.

**CHRONOLOGY OF PRINCIPAL EVENTS WHICH LED TO DETERMINATION OF DEFECT:**

- 1) From January 15, 2013 to May 15, 2013 there were 4 incidents of HVAC electrical cables that had failed on NABI buses equipped with this model HVAC unit.
- 2) January 2013-May 2013 Sutrak and NABI investigated the incidents to determine the cause of the failures.
- 3) On or about May 15, 2013, Sutrak decided to make a change to the cable and fuse holder and to initiate a field replacement of cables and fuse holders on buses already delivered to the customer and on buses in production at NABI.

- 4) June 11, 2013 NABI received a draft notice from Suttrak indicating they had determined this to be a defect.
- 5) June 13, 2013 NABI decided to recall all buses equipped with this model rear mount HVAC unit.

**REMEDY EXPENSE:** NABI will repair the affected vehicles free of charge.

**EARLIEST DATE TO BE REMEDIED:** June 2013

**PUBLIC ANNOUNCEMENT DATE:** There will be no public announcement.

**OWNER LETTER:** A draft of the customer notification letter will be sent to NHTSA for review and approval.