

**Part 573 Safety Recall Report****14V-517****Manufacturer Name :** NABI Bus, LLC**Submission Date :** AUG 25,2014**NHTSA Recall No. :** 14V-517**Manufacturer Recall No. :** 20145**Manufacturer Information :**

Manufacturer Name : NABI Bus, LLC

Address : 106 National Drive

Anniston AL 36207

Company phone : 256-831-4296

**Population :**

Number of potentially involved : 370

Estimated percentage with defect : 100

**Vehicle Information :**

Vehicle : 2013-2014 NABI 31LFW

Vehicle Type : BUSES, MEDIUM &amp; HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : City transit buses equipped with certain CNG fuel systems

Production Dates : FEB 10, 2013 - MAR 10, 2014

**VIN (Vehicle Identification Number) Range**

Begin : NR

End : NR

 Not sequential VINs

Vehicle : 2012-2014 NABI 40LFW

Vehicle Type : BUSES, MEDIUM &amp; HEAVY VEHICLES

Body Style :

Power Train : NR

Descriptive Information : City transit buses equipped with certain CNG fuel systems

Production Dates : OCT 05, 2012 - JUN 02, 2014

**VIN (Vehicle Identification Number) Range**

Begin : NR

End : NR

 Not sequential VINs

**Description of Defect :**

Description of the Defect : City transit buses, manufactured by NABI, equipped with certain Compressed Natural Gas (CNG) fuel systems may have tank abrasion caused by one or more Pressure Relief Devices (PRDs) mounted next to the tanks. The CNG tanks are mounted inside an enclosure on the roof of the vehicle. The PRDs are mounted just above the tanks, to a longitudinal stringer, which is part of the roof enclosure. This stringer is subject to vibration and deflection from people walking on the enclosure, and may allow the PRD to contact the tank.

Description of the Safety Risk : The contact of the PRD to the tank may cause abrasion damage to the tank and over time, continued contact of the PRD to the tank may cause the tank to leak. CNG may leak from the tank and pose a risk if the bus is parked inside an enclosed building.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

**Supplier Identification :****Component Manufacturer**

Name : Agility Fuel Systems

Address : 1815 E. Carnegie Ave.  
Santa Ana CA 92705

Country : US

**Chronology :**

- On or about May 2, 2014 NABI received a report from Dallas Area Rapid Transit (DART) of a PRD rubbing on a tank on one bus.
- On or about July 2, 2014 NABI received an email from Agility Fuel Systems (Agility), the fuel system supplier, that one or more Agility technicians would be finished with a previous field campaign and would on site to measure and record the distance between the PRDs and the tanks on all buses.
- On or about July 14, 2014 NABI received an email giving an analysis update on the issue of PRDs rubbing tanks from Agility. There was no safety concern noted in the email or previous correspondence.
- On or about August 14, 2014 during a phone conference with Agility, NABI became aware of abrasion of additional CNG tanks due to PRDs rubbing, on LFW model buses sold to DART.
- On August 17, 2014, NABI received written communication from Agility that there had been 2 tanks replaced and 6 others repaired in the single customer fleet of buses. Agility advised NABI that, should the PRDs rub against the tanks, over time, damage to the tank outer surface could become a safety issue.
- On August 18, 2014, NABI decided to initiate a recall to remedy this issue. All CNG buses sold with this issue were delivered to a single customer. Buses sold to other customers have a different PRD mounting configuration and are not included in this recall.
- To date, no reports of injuries, accidents or fires related to the condition have been received.

**Description of Remedy :**

Description of Remedy Program : NABI and Agility will remedy the vehicles free of charge. Temporary flexible covers will be installed by Agility on the PRDs beginning 9/8/14. Additional permanent improvements are being developed by Agility and will begin to be installed by 10/22/14, subject to parts availability.

How Remedy Component Differs from Recalled Component : NR

Identify How/When Recall Condition was Corrected in Production : NR

**Recall Schedule :**

Description of Recall Schedule : Temporary flexible covers will be installed by Agility on the PRDs beginning 9/8/14. Additional permanent improvements are being developed by Agility and will begin to be installed by 10/22/14, subject to parts availability.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : SEP 16, 2014 - SEP 17, 2014

\* NR - Not Reported