

**Part 573 Safety Recall Report****14E-056****Manufacturer Name :** Agility Fuel Systems**Submission Date :** AUG 22,2014**NHTSA Recall No. :** 14E-056**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : Agility Fuel Systems

Address : 1815 E. Carnegie Avenue  
Santa Ana CA 92705

Company phone : 949-236-5520

**Population :**

Number of potentially involved : 99

Estimated percentage with defect : 100

**Equipment Information :****Brand / Trade :** Agility Fuel Systems

Model : Side-Mount CNG Fuel System

Part No. : 23736011

Size : NR

Function : NR

Agility rail-mount non-Fuel Management Module (Non-FMM) CNG fuel systems  
 Descriptive Information : that utilize Motion Industries T1700-06 hose assembly configuration (stainless steel, sleeved, flexible high-pressure) in various lengths.

Production Dates : AUG 01, 2013 - AUG 21, 2014

**Description of Defect :**

Description of the Defect : The stainless steel braid reinforcement on some of the Motion Industries T1700-06 flexible fuel hoses used in these fuel system applications may be susceptible to premature corrosion near the fitting crimp inside the slave tank enclosure, possibly due to a combination of the accumulation of road salt and the humid environment within the enclosure.

Description of the Safety Risk : If the corrosion progresses and remains undetected, the hose may leak in sufficient volumes as to create a risk of fire if an ignition source is present. In addition, a high-pressure fuel leak may create a risk of damage to surrounding components and/or personal injury to adjacent personnel.

Description of the Cause : Corrosion due to road salt and humid environment within the enclosure or non-compliant material properties.

Identification of Any Warning that can Occur : The corrosion is progressive and would likely be visible at the crimped end of the hose assembly upon inspection prior to actual leakage. Furthermore, early stages of a leak may be detected by a combustible gas detector, leak testing solution or smell.

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

Name : Motion Industries, Inc.

Address : NR

1605 Alton Road Birmingham AL 35210

Country : US

**Chronology :**

In early May 2014, Agility received an initial report from a fleet customer concerning a hose assembly leak. Additional similar reports were subsequently received.

On May 16, 2014, Agility opened a Corrective Action Report (CAR) to investigate these reports.

In early June 2014, in an effort to better understand the cause of the reported leaks, Agility conducted field inspections of fleet customer vehicles. During those inspections, corrosion was identified on the hose assemblies of several of the vehicles.

During June and July, Agility worked closely with its hose assembly manufacturer/supplier, and conducted inspections of additional fleet vehicles and returned hoses, to better understand the potential failure mode(s) and potential cause(s) of the corrosion identified on the hose assemblies.

In early August, Agility arranged for third party testing of hoses and conducted additional analysis to further understand the root cause of the corrosion, scope and potential consequences. (Additional phases of this testing are still ongoing.)

On August 15, 2014, Agility Fuel Systems made a safety defect determination.

There have been no reports of accidents, injuries or fires.

**Description of Remedy :**

Description of Remedy Program : Agility will notify affected customers and vehicles owners, and will replace the defective hose assemblies free of charge.  
All affected products remain under the manufacturer's warranty. Therefore, pursuant to 49 CFR 577.11 (e), Agility requests an exemption from the reimbursement plan requirements.

How Remedy Component Differs from Recalled Component : NR

Identify How/When Recall Condition was Corrected in Production : On August 21, 2014, a new hose design from a different supplier was introduced into production.

**Recall Schedule :**

Description of Recall Schedule : NR

Planned Dealer Notification Date : SEP 22, 2014 - OCT 20, 2014

Planned Owner Notification Date : SEP 22, 2014 - OCT 20, 2014

**Purchaser Information :**

The following manufacturers purchased this defective/noncompliant equipment for possible use or installation in new motor vehicles or new items of motor vehicle equipment:

Name : TBD

Address : NR

NR

Country : NR

Company Phone : NR

\* NR - Not Reported