

**ADRIAN STEEL®**

Cargo Management Solutions for Commercial Vehicles

July 22, 2014

Ms. Nancy Lummen Lewis  
Associate Administrator of Enforcement  
National Highway Traffic Safety Administration  
1200 New Jersey Ave. S. E.  
Washington, D.C. 20590

Re: Adrian Steel Company. Defect Information Report

Dear Ms, Lewis:

Adrian Steel Company has decided to conduct a voluntary safety recall of certain vehicles in which it installed propane fuel system conversion kits manufactured by Roush CleanTech, LLC ("Roush"), as original equipment. Roush has informed us that it has decided that in severe environments, there is a potential for galvanic corrosion of the aluminum fuel line fitting in these kits where it contacts the brass supply valve housing on the fuel tank. See Roush Recall No. 14E-035. Adrian Steel Company's Defect Information Report is enclosed.

If you have any questions about this report, please contact me by email at [drose@adriansteel.com](mailto:drose@adriansteel.com) or by phone at 517-266-5129 or mobile at 517-442-9550.

Sincerely,

Richard D Rose

Vice President of Engineering  
Adrian Steel Company

Enclosure

- Defect Information Report
- Draft of the Safety Recall Notice
- Draft of the Safety Recall Notice Envelope

## Defect Information Report (573)

**1. Manufacturer's name/address:**

Adrian Steel Company  
906 James St.  
Adrian, Michigan 49221

**2. Vehicles involved in this defect notification:**

Vehicles that are equipped with ROUSH CleanTech Propane Autogas Fuel System conversion kits ("kits"), which were sold as original and replacement equipment for installation on Ford E-150 Wagons and Cargo Vans; E-250 Cargo Vans and Extended Cargo Vans; E-350 Wagons, Extended Wagons, Cargo Vans and Extended Vans; and E-450 Cutaway Models.

The Propane Autogas Fuel System conversion kits were supplied by:  
Roush CleanTech, LLC ("Roush")  
12170 Globe Street  
Livonia, Michigan 48150  
Phone: (734) 779-7786

The vehicles covered by this report were manufactured between 9/21/2012 to 9/24/2012. This date range is based on information received from Roush regarding which kits are covered by its defect determination.

**3. Total number of vehicles covered by this recall:**

28 All in service and leased by DirectTV Home Services as commercial cargo vans

**4. Approximate percentage of vehicles estimated to actually contain the defect:**

Unknown

**5. Description of the defect:**

Roush has informed Adrian Steel Company that in severe environments, the aluminum fuel line fitting in the conversion kits can experience galvanic corrosion where it contacts the brass supply valve housing on the fuel tank. See Roush Recall No. 14E-035. This could result in a leak

of the propane fuel, which could lead to a fire.

## **6. Chronological summary of events leading to this determination:**

On July 8, 2014 Roush informed Adrian Steel Company that it had decided that the conversion kits in question contain a safety related defect. Although Adrian Steel Company is not aware of any fires or other adverse safety consequences associated with this problem in its vehicles, under the circumstances, on July 10, 2014 Adrian Steel Company decided to undertake this recall as a cautionary measure. On July 10, 2014 Adrian Steel Company contacted Jennifer Timian, Chief of Recall Management Division to get clarification on the approach to take for this recall. On July 21, 2014 Roush provided final confirmation of the vehicles affected and confirmed that all vehicles are still in position of DirectTV Home Services as Commercial Cargo Vans, which DirectTV Home Services leases thru ARI Leasing.

## **7. Program for remedying the defect (including program for reimbursement, if applicable):**

Adrian Steel Company will notify the owners of all vehicles covered by this report in order to arrange for the free replacement of the existing aluminum fuel line fittings with a new stainless steel fittings. The repairs will be performed at no charge to the vehicle owners. A draft of the owners notification letter is included with this submission.

As all affected vehicles are still under warranty, the owner notification letter will not include information about potential reimbursement.

## **8. Schedule of Customer Notification:**

Brandon Morris, Director of Fleet Services for DirectTV Home Services and ARI Leasing will both receive the notification letter within 5 business days of receiving the recall number 14V-XXX associated with the Adrian Steel Recall for this defect.