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By Recall Management Division at 12:21 pm, Apr 03, 2013

13V-120
(4 pages)

April 3, 2013

Ms. Nancy Lummen Lewis
Associate Administrator for Enforcement
National Highway Traffic Safety Administration
Recall Management Division (NVS-215)
Room: W48-302
1200 New Jersey Ave. SE
Washington, DC 20590

Dear Ms. Lewis:

Attached is Chrysler Group LLC's ("Chrysler") Defect Information Report, complying with the requirements of 49 CFR Part 573, Defect and Noncompliance Reports, which contains details of a potential safety related defect in vehicles.

Chrysler Group will conduct a voluntary safety recall to replace the fuel tank transfer tube on all affected vehicles.

Sincerely,

A handwritten signature in black ink that reads "Kristin Kolodge".

Kristin Kolodge

Enclosure: Defect Information Report for Chrysler Group LLC. Recall N17

cc: Frank Borris, NHTSA

DEFECT INFORMATION REPORT FOR CHRYSLER GROUP LLC

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Submission Date: April 3, 2013

573.6(c)(1): Manufacturer's Name, Brand Name

Chrysler Group LLC, Jeep

573.6(c)(2): Identification of Affected Vehicles

Make(s)	Model(s)	Model Year(s)	Inclusive Dates of Manufacture
Jeep	Patriot	2012	October 18, 2011 – May 7, 2012
Jeep	Compass	2012	October 18, 2011 – May 7, 2012

573.6(c)(2)(iv): Component manufacturer name, address, telephone number, and country of origin:

TI Automotive
1272 Doris Road
Auburn Hills, MI 48326
586-484-155
Country of origin: Mexico

573.6(c)(3): Potentially Affected Vehicle Population

20,532 (estimated)

573.6(c)(4): Percentage of Affected Vehicles

Unknown

573.6(c)(5): Description of Defect or Noncompliance

Some 4X4 Jeep Patriot and Jeep Compass vehicles may experience a condition where the transfer of fuel from the secondary to the primary side of the fuel tank is interrupted which may potentially cause the engine to stall.

DEFECT INFORMATION REPORT FOR CHRYSLER GROUP LLC

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573.6(c)(6): Chronology of Principal Events Leading to Determination of a Safety Defect

- Jeep Patriot 4x4 and Jeep Compass 4x4 vehicles are equipped with a saddle style fuel tank which allows for packaging around the rear drive shaft.
- The primary side of the fuel tank houses the fuel pump assembly which contains a transfer jet pump. The transfer jet pump siphons fuel from the secondary side through a 5/8" diameter transfer tube which is produced by TI Automotive.
- When the fuel transfer process becomes interrupted, the vehicle is then operating only on the fuel in the primary side of the fuel tank. Sustained driving during this condition may deplete the fuel in the primary side which may possibly lead to an engine stall.
- On September 19, 2011, TI Automotive changed material of the transfer tube from nylon 12 to nylon 6-12 due to industry-wide shortage of nylon 12.
- The material change required a +60°F higher temperature to form the tube. This was not realized by TI Automotive and resulted in malformed tubes being shipped to Kautex for fuel tank final assembly.
- The malformed tube may make the siphon process more difficult to start and maintain as the transfer tube sits higher in the fuel tank.
- A 100% sort was established at Kautex on January 26, 2012 as a countermeasure for the malformed transfer tubes being used in production.
- Chrysler Group LLC is aware of 1 VIN involved in an accident, no reports of injuries, property damage or fires at this time.
- On March 26, 2013, Chrysler Group LLC decided to conduct a voluntary safety recall on all affected vehicles.

573.6(c)(7): Information Used in Determination of a Noncompliance

N/A

573.6(c)(8): Description of Remedy

Chrysler will conduct a safety recall to replace the fuel tank transfer tube on all affected vehicles.

Chrysler has a longstanding policy and practice of reimbursing owners who have incurred the cost of repairing a problem that subsequently becomes the subject of a field action. To ensure consistency, Chrysler, as part of the owner letter, will request that customers send the original receipt and/or other adequate proof of payment to the company for confirmation of the expense.

DEFECT INFORMATION REPORT FOR CHRYSLER GROUP LLC

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573.6(c)(10): Dealer and Owner Communications

Chrysler plans to begin notifying dealers and owners in May, 2013.

573.6(c)(11): Manufacturer's Campaign Number

Chrysler has assigned recall number N17 to this action.