



June 4, 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 power steering return tube assembly and inspect the transmission oil cooler lines. The transmission oil cooler lines will either have a protective sleeve added or the transmission oil cooler lines will be replaced on all affected vehicles.

Sincerely,

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

Kristin J Kolodge

Enclosure: Defect Information Report for Chrysler Group LLC. Recall N28

cc: Frank Borris, NHTSA

DEFECT INFORMATION REPORT FOR CHRYSLER GROUP LLC

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Submission Date: June 4, 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	Wrangler	2012-2013	2012MY Start of Production – February 23, 2013

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

N/A

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

180,131 (estimated)

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

Unknown

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

Jeep Wrangler vehicles may experience a condition where the power steering return line contacts and wears a hole in the aluminum transmission oil cooler line. This can result in a loss of transmission fluid which may cause damage to the transmission and loss of function.

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

- In August 2012, Chrysler opened an investigation based on a durability vehicle that exhibited a complete loss of transmission fluid at cycle 248 out of 250. The cause of the transmission fluid loss was determined to be the power steering return line being in hard contact with the transmission oil cooler (TOC) line.
- Jeep Wranglers, equipped with an automatic transmission and 3.6L gas engine, changed the TOC lines from steel to aluminum for 2012MY.

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- On August 22, 2012 as an interim fix, a rubber elbow was added to the power steering return tube to provide additional protection for the aluminum TOC line.
- As a permanent corrective action, the power steering return tube was redesigned to increase the nominal clearance to the TOC line and a heat shrink sleeve was also added to the TOC line in the area where the rubber sleeve may come in contact.
- In September 2012, prototype power steering return tube assemblies and TOC lines with the heat shrink tubing were installed on six vehicles scheduled for durability testing at the proving grounds.
- Based on preliminary, positive test results, the new power steering return tube assembly and TOC line with protective sleeve were implemented for production on February 5, 2013 and February 23, 2013 respectively.
- The first four durability vehicles completed testing between March and the end of May 2013 with no report of TOC line damage.
- During its investigation, Chrysler identified 81 CAIRs, 2 field reports and 0 VOQs reported between January 25, 2012 and April 25, 2012 potentially related to the Jeep Wrangler transmission oil cooler line leak.
- Chrysler Group LLC is not aware of any accidents, injuries, fires or property damage potentially related to this issue.
- On May 28, 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 Group will conduct a voluntary safety recall to replace the power steering return tube assembly and inspect the transmission oil cooler lines. The transmission oil cooler lines will either have a protective sleeve added or the transmission oil cooler lines will be replaced 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.

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

Chrysler plans to begin notification of dealers and owners in July 2013. Chrysler will provide the dealer and owner letters when available.

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

Chrysler has assigned recall number N28 to this action.