



July 2, 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 on all affected vehicles to flash the Electronic Stability Control (ESC) module.

Sincerely,

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

Kristin J. Kolodge

Enclosure: Defect Information Report for Chrysler Group LLC. Recall N37

cc: Frank Borris, NHTSA

DEFECT INFORMATION REPORT FOR CHRYSLER GROUP LLC

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Submission Date: July 2, 2013

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

Chrysler Group LLC, RAM

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

Make(s)	Model(s)	Model Year(s)	Inclusive Dates of Manufacture
RAM	1500 (4x4)	2013	June 26, 2012 – February 5, 2013

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

Continental
Chassis & Safety Division
One Continental Drive
Auburn Hills, MI 48326
248-393-5243
Mexico

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

45,961 (estimated)

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

Unknown

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

Some Ram 1500 4x4 vehicles may illuminate the Electronic Stability Control (ESC) lamp due to a vehicle configuration mismatch, resulting in ESC being disabled. The Diagnostic Trouble Code (DTC) is being caused by the transfer case (T-case) gear position being changed immediately prior to the ignition key being cycled to the OFF position. If the T-case position was changed before it was written to the ESC EEPROM, but after the checksum was written, then the T-case position stored did not match the Checksum and the DTC occurred due to the configuration mismatch.

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

- In February 2013, Chrysler opened an investigation as a result of a small number of warranty conditions related to ESC lamps being illuminated in customer vehicles. The ESC Module was new for the 2013 MY.
- In February 2013, Chrysler was investigating cause. Dealer narratives indicated the lamp was illuminated due to Diagnostic Trouble Code (DTC) C2206 – Vehicle Configuration Mismatch. Once the DTC becomes active, the ESC lamp would illuminate and ESC would be disabled at key ON until the dealer reinitialized the ESC module. To correct the issue, the ESC Module software was modified to only look at the T-case position at ignition ON and not write the position to EEPROM at ignition OFF, eliminating the possibility of a mismatch in T-case position between key OFF / ON.
- Between February and June, 2013 Chrysler monitored field data to confirm the cause.
- In June 2013, scope of the affected vehicle population was finalized.
- During its investigation, Chrysler identified 0 CAIRs, 0 VOQs, and 9 Field Reports reported between December 13, 2012 and June 8, 2013, potentially related to this ESC disabled issue.
- Chrysler is not aware of any accidents or injuries related to this issue.
- On June 25, 2013, Chrysler decided to conduct a voluntary safety recall to flash the ESC module.

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

N/A

573.6(c)(8): Description of Remedy

Chrysler will conduct a voluntary safety recall flash the ESC Module.

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 August 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 N37 to this action.