



October 29, 2009

Mr. Daniel C. Smith
Associate Administrator for Enforcement
National Highway Traffic Safety Administration
1200 New Jersey Avenue, SE
West Building, Fourth Floor
Washington, D.C. 20590

Dear Mr. Smith:

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 some 2009 - 2010 model year Chrysler 300, Dodge Charger and Challenger Rear Wheel Drive vehicles.

Chrysler will conduct a voluntary safety recall to inspect for the presence of the front spindle nut on all potentially affected vehicles, and repair any vehicles found with a missing nut.

Sincerely,

A handwritten signature in black ink, appearing to read "David D. Dillon".

David D. Dillon

Enclosure: Defect Information Report for Chrysler Recall J27

cc: K.C. DeMeter, NHTSA

DEFECT INFORMATION REPORT FOR CHRYSLER GROUP LLC RECALL J27

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Submission date: October 29, 2009

Identifying classification of vehicles potentially affected:

Make	Model	Model Years	Inclusive Dates of Manufacture	Volume	Other
Chrysler	300	2009 - 2010	August 4 - September 28, 2009	12,674 (estimated)	Rear Wheel Drive only
Dodge	Charger				
Dodge	Challenger				

Estimated percentage containing defect: unknown

Description of defect:

A small percentage of the affected vehicles may have been built without a front wheel spindle nut. The result could be a tire and wheel assembly separation while driving.

The name, address and telephone number of the supplier who manufactured the subject components:

SMW Automotive
3221 West Big Beaver Rd.
Suite 110
Troy, MI, 48084
248-712-1177

The following chronology of principal events led to the determination of a defect:

- A new supplier SMW Automotive (SMW), began supplying the front corner modules for the 2010 model year due to the bankruptcy of the previous supplier.
- A Production Evaluation Run (PER) to validate the SMW parts affecting ninety six 2009 model year vehicles was performed on August 4, 2009.
- No issues were noted during or after the PER.
- On September 28, 2009 a 2010 model year Rear Wheel Drive (RWD) vehicle was tested on

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the Brampton Assembly Plant (BAP) buzz, squeak and rattle (BSR) track and a grinding noise was noted from the front wheel area.

- Investigation determined the vehicle was missing the front wheel spindle nut.
- Investigation determined the part was built at SMW on September 17, 2009.
- All potentially affected RWD vehicles at BAP were held while the investigation continued.
- The All Wheel Drive vehicles are not affected due to different front corner architecture.
- On October 1, 2009 SMW finished part inspection found a corner module without a spindle nut, which had been built at SMW on September 25, 2009.
- On September 29, 2009 a completed vehicle yard inspection procedure was approved and inspection was begun.
- On October 1, 2009 BAP vehicle sorting identified another missing spindle nut.
- This vehicle was assembled on September 17, 2009. The part was built at SMW on September 1, 2009.
- Over 13,000 loose parts were inspected. BAP inspected 1,404 completed vehicles. A total of three missing spindle nuts were found.
- Chrysler Group LLC is not aware of any accidents or injuries related to this issue.

Statement of measures to be taken to correct defect:

Chrysler will conduct a voluntary safety recall to inspect the tire and wheel assembly for all affected vehicles. Any vehicles found without a spindle nut will be repaired. Chrysler expects to initiate national notification to both dealers and owners as soon as possible.

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 original receipt and/or other adequate proof of payment to the company for confirmation of the expense.