



May 15, 2013

Ms. Nancy Lewis
Associate Administrator for Enforcement
National Highway Traffic Safety Administration
Recall Management Division (NVS-215)
1200 New Jersey Avenue, SE – Room W45-306
Washington, DC 20590

Dear Ms. Lewis:

The following information is submitted pursuant to the requirements of 49 CFR 573.6 as it applies to a determination by General Motors to conduct a safety related recall for certain 2013 model year Cadillac SRX vehicles with 18 inch wheels.

573.6(c)(1): Cadillac Brand of General Motors Company

573.6(c)(2)(3)(4): This information is shown on the attached sheet.

573.6(c)(5): General Motors has decided that a defect, which relates to motor vehicle safety, exists in certain 2013 model year Cadillac SRX vehicles with 18 inch wheels and that have not had service that required removal and reinstallation of the wheels. These vehicles may experience loosening of the wheel nuts. If this occurs, a creaking, rattling or grinding noise may originate from the wheel area. A steering vibration may also be present. If unnoticed or ignored, one or more of the wheel lug nuts could detach, or fatigue. The wheel attachment studs may fracture. If this happens while the vehicle is moving, a crash could result without prior warning.

573.6(c)(6): In October 2012, GM Engineering discovered a condition of loosening wheel nuts on two 2013 model year SRX durability test vehicles. Warranty data for 2010 through 2013 model year SRX was reviewed and this data contained 4 claims of potentially loosened wheel nuts.

On November 26, 2012, a 2013 model year SRX GM Captured Test Fleet (CTF) vehicle was reported to have loosened front wheel nuts.

In November 2012, GM Engineering began testing to determine the root cause for the condition and a Product Investigations Engineer was assigned. As part of this investigation, readily available GM-owned vehicles were inspected to sample varying build dates and measure torque. All vehicles were found to be within specification. Testing, concluded in January 2013, identified that a combination of the 18 inch wheel, wheel nuts with blue tint Teflon content topcoat, a nut torque at the lower end of the acceptable range and a rarely occurring rotor dimensional characteristic could contribute to loosening of the wheel nuts.



GM had no confirmed reports from customer vehicles, and all confirmed reports as of January 2013, involved GM durability and CTF vehicles. GM Engineering continued to monitor for any field reports.

In March and April 2013, GM Engineering then received 6 field reports for loosened lug nuts on vehicles built in the months of September and October of 2012 and for one vehicle built in January 2013. GM Engineering intensified its efforts and confirmed the root causes to be as identified in January 2013.

There have been no reports of loss of a wheel or accidents due to this issue.

The issue was presented to the Field Performance Evaluation Review Committee and on May 8, 2013, the Executive Field Action Decision Committee decided to conduct a safety recall.

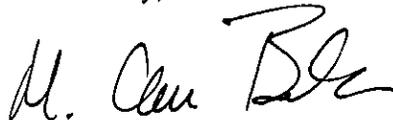
573.6(c)(8): Dealers are to remove and reinstall the wheel nuts by performing a tire rotation.

GM anticipates sending the dealer bulletin on May 17, 2013, and mailing the owner letters on June 3, 2013.

Pursuant to 577.11(e), GM does not plan to provide notice about reimbursement to owners because all involved vehicles are covered under the new vehicle warranty.

573.6(c)(10): GM will provide copies of the dealer bulletin and owner letter under separate cover.

Sincerely,

A handwritten signature in black ink, appearing to read "M. Carmen Benavides". The signature is written in a cursive style with a large, stylized initial "M" and "B".

M. Carmen Benavides, Director
Product Investigations and Safety Regulations

573.6(c)(2),(3),(4)

VEHICLES POTENTIALLY AFFECTED BY MAKE, MODEL, AND MODEL YEAR
PLUS INCLUSIVE DATES OF MANUFACTURE

| <u>MAKE</u> | <u>MODEL SERIES</u> | <u>MODEL YEAR</u> | <u>NUMBER INVOLVED</u> | <u>INCLUSIVE MANUFACTURING DATES (FROM) (TO)</u> | <u>DESCRIPTIVE INFO. TO PROPERLY IDENT. VEH.</u> | <u>EST. NO. W/CONDITION</u> |
|-------------|---------------------|-------------------|------------------------|--|--|-----------------------------|
| Cadillac | N | 2013 | 18,871 | 01/31/2012 03/18/2013 | SRX | * |
| GM Total: | | | 18,871 | | | |

* All involved vehicles will be corrected as necessary.

573.6(c)(2)(iv): N/A

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