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By Recall Management Division at 7:30 pm, Sep 23, 2013



**GENERAL MOTORS LLC**  
Vehicle Safety and Crashworthiness

September 23, 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 2013-2014 model year Chevrolet Cruze vehicles.

573.6(c)(1): Chevrolet 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 2013-2014 model year Chevrolet Cruze vehicles, equipped with a manual transmission (MF3/MR5). The interconnecting tubular bar on the front right halfshaft on some of these vehicles may not meet GM specification and could fracture and separate. If this occurs while driving the vehicle, steering and braking control would be maintained; however, the vehicle would lose power to the wheels and would coast to a stop. If a vehicle with a fractured halfshaft is parked on an incline without the parking brake applied, the vehicle could move unexpectedly, resulting in a possible crash or injury to pedestrians.

573.6(c)(6): On July 31, 2013, GM North America (GMNA) received reports of halfshaft fractures on Chevrolet Cruze vehicles manufactured in another region. A GMNA Product Investigations Engineer was assigned to investigate whether the issue affected vehicles built and sold in the U.S.

On August 1, 2013, GM Service Parts Operations started to quarantine all existing stock of halfshaft assemblies, and as a precaution replaced all stock with material that has been subject to the supplier's eddy current inspection process. On August 6 and 26, 2013, GMNA received reports of fractured halfshafts with the suspect tubular bar.

The investigation determined that the supplier may have been using an uncontrolled manufacturing process for the shafts which caused micro cracking on the tube inner diameter.



On September 5 and 12, 2013, GMNA Engineering received two additional reports of a fractured halfshaft.

A stop delivery was issued to dealers on September 11, 2013.

The issue was presented to the Field Performance Evaluation Review Committee and on September 18, 2013, the Executive Field Action Decision Committee decided to conduct a safety recall.

573.6(c)(8): Dealers are to replace the halfshaft assembly.

GM will provide the dealer bulletin and owner letter mail dates when available.

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.

573.6(c)(11): GM's assigned recall number is 13276.

Sincerely,

A handwritten signature in black ink, appearing to read "M. Carmen Benavides". The signature is stylized and written in cursive.

M. Carmen Benavides, Director  
Product Investigations and Safety Regulations

13276  
Attachment

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>
Chevrolet	P	2013	2,819	01/24/2013 06/03/2013	Cruze	*
Chevrolet	P	2014	342	03/28/2013 08/01/2013	Cruze	"
GM Total:			3,161			

\* All involved vehicles will be corrected as necessary.

573.6(c)(2)(iv): Nexteer Automotive Corporation  
3900 East Holland Road  
Saginaw, Michigan 48601  
Ph. 989-757-5000

The involved parts are manufactured in Daegu, Korea.