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By Recall Management Division at 6:09 am, Jun 06, 2014

June 5, 2014

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 involving 2014 model year Chevrolet Corvette 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 2014 model year Chevrolet Corvette vehicles. An internal short circuit may prevent the Sensing and Diagnostic Module (SDM) from providing its required functionality, including air bag and pretensioner deployment. The Air Bag Readiness Light will be continuously illuminated along with a "SERVICE AIR BAG" message in the Instrument Panel Cluster. The Automatic Occupant Sensing Passenger Air Bag Status Indicator also will not illuminate. An inoperable SDM may result in the airbags not deploying, increasing the potential for occupant injury in certain kinds of crashes.

573.6(c)(6): On April 21, 2014, two SDMs failed regular assembly programming at the Bowling Green Assembly Plant (BGA). Once Delphi, the supplier of the SDM, was aware of the failed programming at BGA, Delphi notified BGA and GM Engineering that on April 11, 2014, Delphi had discovered an SDM failure through its end-of-line testing at their Reynosa assembly plant. Sorting of suspect parts began at BGA on the same day.

GM further learned, that on April 19, 2014, Delphi had completed a root cause analysis that determined the issue was caused by a mislabeled capacitor. The capacitor was rated for 16V, but was incorrectly labeled as 35V.

On April 25, 2014, BGA shipped the sorted, suspect SDMs back to Delphi.

On May 5, 2014, Delphi notified BGA that 37 SDMs were missing from the returned parts. Subsequent investigation identified errors in sorting that allowed suspect SDMs into production between April 23 and April 25, 2014.



The issue was presented to the Field Performance Evaluation Review Committee (FPERC) on May 19, 2014, and on May 29, 2014, the Safety and Field Action Decision Authority (SFADA) decided to conduct a safety recall.

On May 29, 2014, a stop-delivery message was sent to the dealers.

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

General Motors sent the dealer bulletin on May 30, 2014, and will provide the owner letter mail date when available.

Pursuant to 577.11, General Motors 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): General Motors will provide the dealer bulletin and owner letter under separate cover.

573.6(c)(11): General Motors' assigned recall number is 14219.

Sincerely,

A handwritten signature in black ink, appearing to read "B. Latouf", written in a cursive style.

Brian Latouf, Director
Field Product Investigations & Evaluations

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	Y	2014	33	04/23/2014	04/25/2014	Corvette	*
	GM Total:		33				

* All involved vehicles will be corrected as necessary.

573.6(c)(2)(iv): Delphi
5725 Delphi Drive
Troy, MI 48098-2815
248-813-3362

The parts are manufactured in Mexico.