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By Recall Management Division at 10:12 am, May 29, 2014

May 28, 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

Re: NHTSA Notification Campaign No. 14V-251

Dear Ms. Lewis:

This letter supersedes General Motors' letter of May 14, 2014, and is submitted pursuant to the requirements of 49 CFR 573.6 as it applies to a determination by General Motors of a safety defect for 2005-2007 Chevrolet Corvette vehicles. Specifically, the information submitted pursuant to 49 CFR 573.6(c)(6) below supersedes information included in General Motors' letter of May 14, 2014.

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 model year 2005-2007 Chevrolet Corvette vehicles. On these vehicles, when the engine is warm, the underhood bussed electrical center (UBEC) housing will expand, causing the headlamp low-beam relay control circuit routed wire to bend slightly. After the wire is repeatedly bent, it can fracture and separate. When this occurs, the low-beam headlamps will not illuminate. As the UBEC housing cools and contracts, the low-beam headlamp function may return. This condition does not affect the high-beam headlamps, marker lamps, turn signals, daytime running lamps or fog lamps. Loss of low beam headlamps when they are required could reduce the driver's visibility, increasing the risk of a crash.

573.6(c)(6): As permitted by the provisions of 49 C.F.R. 573.6(b), and pursuant to the requirements of 49 C.F.R. 573.6(c)(6), General Motors now submits the chronology of principal events that were the basis for the determination that the defect related to motor vehicle safety.

On May 6, 2013, NHTSA opened a Preliminary Evaluation (PE13-013) to investigate allegations of simultaneous loss of both low beam headlights without warning while operating model year (MY) 2005-2007 Chevrolet Corvette vehicles. The subject components of the Preliminary Evaluation included the low beam headlights and all associated components, including but not limited to switches, fuses and fuse box, and wiring and connectors. At the time of the Preliminary Evaluation (PE13-013) NHTSA had 30 reports from consumers alleging loss of both low beam headlights while driving at night



without warning. Some complainants reported that the problem is intermittent and some reported that low beam headlight functionality returns after a period of time, typically after the vehicle has been parked. The high beam headlights and fog lights remain operational. On May 24, 2013, GM and NHTSA had a discussion and agreed on the scope of the component as the underhood bussed electrical center (UBEC).

On June 27, 2013, GM responded to the Preliminary Evaluation (PE13-013).

On August 23, 2013, NHSTA upgraded Preliminary Evaluation (PE13-013) to an Engineering Analysis (EA13-007). The Engineering Analysis expanded the vehicle scope to include MY 2005-2013 Chevrolet Corvette. On January 7, 2014, NHTSA provided VOQs related to customer complaints of loss of low beam headlamps.

On January 14, 2014, GM responded to the Engineering Analysis (EA13-007). On January 23, February 14 and February 27, 2014, GM and NHTSA had discussions regarding the Corvette vehicle warranty to date. GM provided statistical projections using extended warranty, as well as the analysis methodology.

On May 1, 2014, GM updated its review of warranty data and other records that would have been new since the previous Engineering Analysis data request. Additionally, on May 2, 2014, NHTSA provided additional VOQs received since January. GM analyzed the data received by model year for the subject vehicles.

The issue was presented to the Field Performance Evaluation Review Committee on May 5, 2014, and on May 7, 2014, the Executive Field Action Decision Committee decided to conduct a safety recall for MY 2005- 2007 Chevrolet Corvette vehicles and a Customer Satisfaction campaign for MY 2008-2013 Chevrolet Corvette vehicles.

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

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

Pursuant to 577.11, General Motors will provide reimbursement to owners for repairs completed on or before ten days after the owner mailing is completed, according to the plan submitted on May 23, 2013.

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 13146.

General Motors will release a customer satisfaction bulletin for model year 2008-2013 Chevrolet Corvette vehicles under program number 14203.

Sincerely,



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	2005	33,813	03/29/2004	09/08/2005	Corvette	*
Chevrolet	Y	2006	31,596	03/22/2005	06/26/2006	Corvette	"
Chevrolet	Y	2007	37,749	02/28/2006	06/22/2007	Corvette	"
GM Total:			103,158				

* All involved vehicles will be corrected as necessary.

573.6(c)(2)(iv): Delphi
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The UBEC is manufactured in Mexico.