

June 25, 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-261

Dear Ms. Lewis:

This letter supersedes General Motors' letter of May 30, 2014, and 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 2004 - 2008 model year Chevrolet Aveo vehicles. Specifically, the information submitted pursuant to 49 CFR 573.6(c)(5) below supersedes information included in General Motors' letter of May 30, 2014.

573.6(c)(1): General Motors Company, Chevrolet Brand

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

<u>573.6(c)(5)</u>: General Motors has decided that a defect which relates to motor vehicle safety exists in 2004 - 2008 model year Chevrolet Aveo vehicles. A metal oxide semiconductor field effect transistor (MOSFET) within the DRL module, which is located under the instrument panel, may operate in an unintended state due to external cause. While in this state, if the over temperature protection circuit and heat sinking capability of the DRL module do not adequately protect the DRL module, the DRL module could melt and cause a fire.

<u>573.6(c)(6)</u>: 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.

In March of 2012 GM Korea (GMK) engaged GM North America (GMNA) Field Product Analysis Engineering to conduct an investigation on two Suzuki Forenza vehicles for interior fires. An on-site assesment was completed which had evidence of interior fires originating from the driver side instrument panel lower. The vehicle evidence indicated the origin of the heat source was the connection area of the wiring at the Daytime Running Lamp (DRL) module. DRL modules and wiring from the investigated vehicles were provided to GMK for analysis. The module and connector were melted and no additional conclusions were made.



In the months following, a field data analysis was conducted on the model year (MY) 2004-2009 Chevrolet Aveo (T200). A survey of TREAD data and legal records identified customer complaints recorded for vehicle thermal events, NHTSA Vehicle Owner Questionairre's (VOQ), and detailed field claims had been reported. In September and November 2012 two detailed field claims for the 2006 model year that had property damage consistent with the Suzuki (J200) were provided to GMK to support the ongoing investigation. One field claim was information only, and one field claim involved a DRL module, wiring, and instrument panel parts returned for analysis. No conclusion was reached.

GMK led an ongoing investigation on the J200 & T200 for thermal issues related to DRL modules.

On May 9, 2014, GMK made an Executive Field Action Decision Comittee decision to conduct a safety recall for the Suzuki Forenza (J200) vehicles in North America for DRL & Headlamp switch related vehicle fires.

On May 12, 2014, GMNA conducted a TREAD data and NHTSA VOQ search to identify thermal incidents related to DRL modules on the Chevrolet Aveo (T200). 13 customer claims and 2 VOQ's were identified that implied the DRL as the source of the issue.

The issue was presented to the Field Performance Evaluation Review Committee on May 13, 2014, and on May 16, 2014, the Executive Field Action Decision Committee decided to conduct a safety recall on the MY 2004-2008 Chevrolet Aveo.

<u>573.6(c)(8)</u>: General Motors will provide its plan for remedying the defect and its schedule for notifying dealers and owners as soon as they are confirmed.

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.

<u>573.6(c)(10)</u>: General Motors will provide the dealer bulletin and owner letter under separate cover.

<u>573.6(c)(11)</u>: General Motors' assigned recall number is 14236.

Sincerely,

Brian Latouf, Director

Field Product Investigations & Evaluations

Attachment

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

INCLUSIVE							
	MODEL	MODEL	NUMBER	MANUFACTURING DATES		DESCRIPTIVE INFO. TO	EST. NO.
<u>MAKE</u>	<u>SERIES</u>	<u>YEAR</u>	<u>INVOLVED</u>	(FROM)	(TO)	PROPERLY IDENT. VEH.	W/CONDITION
	_					_	
Chevrolet	Ţ	2004	55,780	06/25/2003	12/13/2004	Aveo	*
Chevrolet	Т	2005	63,378	07/02/2004	07/15/2005	Aveo	"
Chevrolet	Т	2006	51,667	07/01/2005	05/11/2006	Aveo	"
Chevrolet	T	2007	24,722	05/02/2006	06/11/2007	Aveo	"
Chevrolet	T	2008	22,031	03/30/2007	05/07/2008	Aveo	"
	GM Total:		217,578				

^{*} All involved vehicles will be corrected as necessary.

573.6(c)(2)(iv):

The supplier of the DRL module is: Hamsar Diversco Inc. 5320 Downey St. Burlington, Ontario Canada L7L 6M2

Canada is the country of origin for the DRL module.

14236