



August 3, 2012

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 2008-2012 model year Chevrolet Impala police 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 2008-2012 model year Chevrolet Impala police vehicles. The front lower control arm on some of these vehicles may fracture. If this occurs, some tire "squeal" or "chirping" may be heard when turning at low vehicle speeds. Sudden changes could occur in vehicle handling and, particularly at higher speeds, the driver may not be able to control the vehicle and a crash could occur.

This safety recall does not include the non-police Chevrolet Impala.

573.6(c)(6): On February 20, 2012, a GM Product Investigations engineer was assigned to investigate several reports from two police fleets of Front Lower Control Arms (FLCA) that had fractured near the handling bushing sleeve. On March 16, 2012, Computer Aided Engineering (CAE) analysis of the anticipated Police vehicle durability schedule was completed. Additional CAE analysis was performed to understand the durability in base (non-police) vehicles on May 11, 2012. Those results indicate that the control arms used in the base Chevrolet Impala will exceed GM Engineering durability requirements.

Further analysis was performed to understand FLCAs supplier performance differences for substantially similar designs and materials. This work was completed on July 12, 2012. On July 18, 2012, GM confirmed that the initial use of the new supplier FLCAs starting in mid-2008 model year did not meet specification.

The issue was presented to the Field Performance Evaluation Review Committee and on July 27, 2012, the Executive Field Action Decision Committee decided to conduct a safety recall.



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573.6(c)(8): Dealers are to replace both front lower control arms.

GM anticipates sending the dealer bulletin on August 14, 2012 and mailing owner letters on August 21, 2012.

Pursuant to 577.11(e), GM 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 12, 2011.

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 fluid and cursive, with a large initial "M" and a long, sweeping underline.

M. Carmen Benavides, Director  
Product Investigations and Safety Regulations

12104  
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	W	2008	8,502	11/23/2007	07/25/2008	Impala	*
Chevrolet	W	2009	9,170	05/08/2008	06/10/2009	Impala	"
Chevrolet	W	2010	7,128	04/28/2009	06/10/2010	Impala	"
Chevrolet	W	2011	5,524	04/17/2010	05/14/2011	Impala	"
Chevrolet	W	2012	6,089	04/01/2011	06/02/2012	Impala	"
GM Total:			36,413				

\* All involved vehicles will be corrected as necessary.

573.6(c)(2)(iv): Supplier name, contact information:  
Iroquois Industries Inc.  
25101 Groesbeck Highway, Warren, MI 48089  
Michael Bailey  
Product Engineer  
(586)771-5734 ext 1209  
m.bailey@iroquoisind.com

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