



2007 MAR 30

RECALL MANAGEMENT DIVISION

March 28, 2007

07V-146
(3 pages)

Mr. Daniel C. Smith
Associate Administrator for Enforcement
National Highway Traffic Safety Administration
400 Seventh Street, S.W., Room 5321, MC: NVS-200
Washington, D.C. 20590

Dear Mr. Smith:

The following information is submitted pursuant to the requirements of 49 CFR 573.6 as it applies to a determination by General Motors of a noncompliance involving certain 2007 Pontiac G6 model vehicles.

573.6(c)(1): Pontiac Brand of General Motors Corporation

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

573.6(c)(5): General Motors has decided that certain 2007 Pontiac G6 vehicles in the U.S. fail to conform to Federal Motor Vehicle Safety Standard (FMVSS) 208, Occupant Crash Protection. The right front passenger seats in these vehicles are built with a passenger air bag sensing system. When tested with a representative, unrestrained six year old child, the system is required to turn off the right front passenger's airbag. Interference during system calibration caused the seats to be out of specification.

573.6(c)(7): GM's determination is based on:

On November 15, 2006, a static room temperature test was conducted on a seat extracted from a field vehicle. The seat was suspected of having the subject condition. Two six-year-old volunteers within the weight and height requirements defined by FMVSS 208 (21 - 25.6 kg and 114 - 124.5 cm) were used to test the seat. During the test sequence, misclassifications were detected for both volunteers in the "sitting on seat edge" and "leaning on door" positions. One of the volunteers was misclassified in the "normal back against seat" position.

From December 2006 to March 2007, GM and its suppliers worked on several approaches to identify the seats that were not calibrated properly. GM began a field survey to retrieve a statistically significant number of seats to help determine which seats from the build population were not calibrated properly. In mid-March, the seat supplier completed development of an analysis technique using production information, that made the affected seats discernable from non-affected seats. Using this technique, engineering and statistics personnel have identified vehicles that have affected seats.

The issue was presented to the Field Performance Evaluation Review Committee (FPERC) and on March 23, 2007, the Executive Field Action Decision Committee (EFADC) decided to conduct a noncompliance recall.

573.6(c)(8): Dealers are to replace the passenger sensing system.

Pursuant to 577.11(e), GM does not plan to provide notice about reimbursement to owners because this remedy was not previously known to and available from dealers or other service providers.

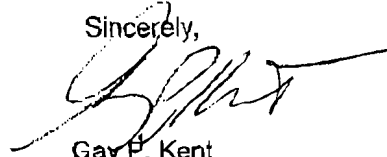
Product Investigations

Mail Code: 480-210-G11 • 30001 Van Dyke • Warren, MI 48090-9055
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573.6(c)(9): General Motors will send copies of the dealer bulletin and owner letter when available along with mail dates.

Sincerely,



Gay P. Kent
Director
Product Investigations

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Attachments



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>
Pontiac	Z	2007	359	06/09/2006	06/20/2006	G6	*
	GM Total:		359				

* All involved vehicles will be corrected.

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