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OFFICE OF INVESTIGATIONS
NHTSA

06 V-263
(4 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 573.5 as it applies to a determination by General Motors of a safety defect involving certain 2004-05 model year Cadillac XLR model vehicles.

573.6(c)(1): Cadillac 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 a defect, which relates to motor vehicle safety, exists in certain 2004-05 model year Cadillac XLR model vehicles. These vehicles use a single bulb in each front headlamp assembly to illuminate the Daytime Running Lamps (DRLs), turn signal, and parking lamps. The bulb may become damaged from vibration within a loose fitting socket or air entering the bulb due to an inadequate seal. Either of these conditions will cause the bulb to burn out prematurely. If this were to occur, the driver would notice that the arrow in the instrument panel would flash faster than normal when the turn signal is activated.

The issue was identified through an analysis of warranty rates and that analysis continued in order to fully determine a trend. Multiple factors that affect bulb life were under review.

573.6(c)(6): In February 2006, GM engineering reviewed elevated warranty data for DRL/Turn Signal bulb replacement.

There were multiple factors that affect DRL/turn signal bulb life such as; bulb wobble, bulb sealing, socket type, system voltage, and duty cycle. Field parts return analysis provided information regarding socket performance.

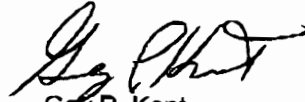
GM engineering analyzed the warranty and field return data and presented the issue to the Field Performance Evaluation Team in February 2006. A Weibull analysis was conducted to estimate long term field performance. The Field Performance Evaluation Review Committee (FPERC) reviewed the issue in March 2006 and requested additional information. Additional information and analysis was provided to the FPERC in May and June 2006. On June 29, 2006, the Executive Field Action Decision Committee (EFADC) decided to conduct a safety recall.

573.6(c)(8): Dealers are to replace the socket and bulb in both lamps.

Pursuant to 577.11(e), GM does not plan to provide notice about reimbursement to owners because all vehicles are covered under the new vehicle warranty.

573.6(c)(9): General Motors will forward copies of the dealer bulletin and owner letter when available. General Motors plans to notify dealers on July 24, 2006 and mail owner letters on July 31, 2006.

Sincerely,

A handwritten signature in black ink, appearing to read "Gay P. Kent", written in a cursive style.

Gay P. Kent
Director
Product Investigations

06013
Attachment

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</u> (FROM) (TO)		<u>DESCRIPTIVE INFO. TO PROPERLY IDENT. VEH.</u>	<u>EST. NO. W/CONDITION</u>
Cadillac	Y	2004	3,861	01/2003	06/2004	XLR	*Unknown
Cadillac	Y	2005	3,828	04/2004	06/2005	XLR	"
Grand Total:			7,689				

* All involved vehicles will be corrected.