



January 11, 2006

06V-007
(2 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 safety defect involving certain 2006 model year Cadillac STS 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 2006 model year Cadillac STS model vehicles equipped with all wheel drive and a 3.6L V6 engine. The affected vehicles have a condition in which the torque monitoring functions, of the electronic throttle control (ETC), are not enabled. These functions can limit engine speed and torque if unusual engine control module (ECM) hardware or software failures occur. Without these functions enabled, a persistent ECM failure could result in a throttle opening greater than commanded by the driver and a crash could occur. The diagnostics for the ETC components, like the pedal and throttle position sensors and wiring, are functioning properly and will limit engine torque if a malfunction is detected.

573.6(c)(6): On January 3, 2006, the supplier identified the issue during preparations for an internal 2007MY calibration review.

The supplier notified General Motors of the issue in the evening of January 3, 2006.

On January 4, 2006, a series of meetings with the supplier commenced to understand the issue and potential consequences.

On January 6, 2006, the supplier stated that actual torque could exceed permissible torque with this condition.

The issue was presented to the Field Performance Evaluation Review Committee (FPERC) and on January 10, 2006, the Executive Field Action Decision Committee (EFADC) decided to conduct a safety recall.

573.6(c)(8): Dealers are to reprogram vehicles with a calibration with all electronic throttle control monitoring functions enabled.

Pursuant to 577.11(e), GM will not provide reimbursement to owners for repairs completed because all vehicles are covered under the new vehicle warranty.

573.6(c)(9): GM will provide copies of the dealer bulletin and owner letter when available along with mail dates.

Sincerely,

Gay P. Kent
Director

Product Investigations

06502
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>
Cadillac	D Car	2006	1,327	08/2005	01/2006	STS	All
Estimated GM Total:			1,327				

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