



GENERAL MOTORS NORTH AMERICA  
Safety Center

November 10, 2000

Mr. K. N. Weinstein  
Associate Administrator for Safety Assurance  
National Highway Traffic Safety Administration  
400 Seventh Street, S.W.  
Washington, D.C. 20590

00V-375 (2)

Dear Mr. Weinstein:

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 noncompliance involving certain 1998-2000 model year GMC Envoy and 2000-2001 GMC Diamond Edition vehicles.

573.5(c)(1): GMC Division of the General Motors Corporation.

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

573.5(c)(5): General Motors has decided that certain 1998-2001 model year GMC Envoys and 2000-2001 GMC Diamond Editions fail to conform to Federal Motor Vehicle Safety Standard (FMVSS) 201, "Occupant Protection in Interior Impacts." These vehicles have a console cover/armrest cam latch that could release at less than the 10g vertical load requirement of the standard. During a crash, the console cover could open and the cover or items stored under it could injure an occupant.

573.5(c)(7): The following chronology of principal events led to the determination of a defect:

- April 2000: During preparation for 2001 Compliance Documentation sign-off, the GMTG console DRE could not find the sign-off sheets for the 1998, 1999, and 2000 Envoy consoles.
- May 11, 2000: The Decision Maker for the NACG signed a FPE Report deciding a noncompliance existed for the Oldsmobile Alero & Pontiac Grand AM cars for a console cover latch condition.
- June 1, 2000: The FPE Engineering Investigation Coordinator reviewed the potential subject condition in mockup with the console EGM and DRE.
- June 3, 2000: Final efforts were completed to find documentation that would substantiate that all requirements for FMVSS 201 were met when the console was released in 1998. The documentation could not be found.
- June 8, 2000: Spring scale measurements were taken of the force required to open an Envoy console cover on a Design Check vehicle. The force required was 37N applied at the center of gravity. A cursory analysis based on the mass of the console lid indicated that a 10g load applied through the center of gravity of the console lid, as required by FMVSS 201, should be approximately 78N.

**Product Investigations**

Mail Code: 460-106-304 • 30500 Mound Road • Warren, MI 48090-9055  
Phone: (810) 988-8029 • Fax: (810) 947-2318  
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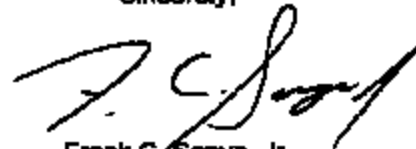


- June 12, 2000: The floor console EGM reported the condition to the FPE Engineering Representative.
- June 21, 2000: The Truck console DRE met with the passenger car DRE to review the similar condition on the Alero and Grand Am.
- August 3, 2000: Engineering presented the condition at the FPE Director's meeting.
- October 24, 2000: FPE Report sent to the SMC for a recommendation.
- November 3, 2000: The decision was made to conduct a noncompliance recall.

573.5(c)(8): General Motors is currently developing a service procedure to remedy this condition. This information will be set forth in the dealer bulletin.

573.5(c)(9): A representative copy of the draft bulletin and owner letter will be forwarded when they are available.

Sincerely,



Frank C. Sonye, Jr.  
Director  
Product Investigations

573.5(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>
GMC	S/T	1998	5,007	1197	9/98	Envoy	100%
GMC	S/T	1999	4,155	3/98	6/98	Envoy	100%
GMC	S/T	2000	4,722	3/99	6/00	Envoy & Diamond Edition	100%
GMC	S/T	2001	9	4/00	5/00	Envoy & Diamond Edition	100%
		GM Total:	13,893				

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