



February 2, 2005

Mr. Ronald Medford
Senior Associate Administrator, Vehicle Safety
National Highway Traffic Safety Administration
400 Seventh Street, S.W., Room 5321
Washington, D.C. 20590

05.V-035
(3 Pages)

Dear Mr. Medford:

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 2005 model year Chevrolet TrailBlazer, Buick Rainer, GMC Envoy, and Isuzu Ascender model vehicles.

573.6(c)(1): Buick, Chevrolet, GMC, and Isuzu Divisions 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 2005 model year Buick Rainer, Chevrolet TrailBlazer, GMC Envoy, and Isuzu Ascender model vehicles fail to conform to Federal Motor Vehicle Safety Standard 212, Windshield Mounting. The windshield urethane bead on some of these vehicles may not have adhered to the body in certain areas during the cure process. In vehicles with this condition, the windshield may not be retained in accordance with the safety standard during a vehicle crash.

573.6(c)(6): On December 2, 2004, Moraine Assembly found that the urethane had not bonded to the body properly while repairing a cracked windshield. The subject truck had been built 20 days earlier. Further investigation was initiated to identify the scope of this condition. Quick Knife Adhesion Tests (GM9522P) were performed on 55 trucks with build dates ranging from October 27, 2004, through November 30, 2004. Results showed that a majority of the units had partial or complete lack of urethane "link-up" (defined as etching the paint clear coat and chemically bonding to the urethane bead during the normal curing process) to the windshield opening. Based on this analysis, the shipyard was put on hold at the end of C-crew's December 6, 2004, shift. From December 26, 2004 through December 31, 2004, measurements and evaluations at both Moraine Assembly and at an offsite facility contracted through Roush Engineering were made on 3,305 windshields from the suspect population. This activity helped to define the vehicle population. GM Engineering continued to analyze this population to understand the effect of time, available moisture (absolute humidity), and temperature.

From introduction of the 2002 GMT360 to October 24, 2004, the Moraine Assembly windshield installation process exclusively used a primer-less urethane system supplied by Dow Chemical. Primer-less refers to the body paint clear coat to urethane adhesion. The glass surface to urethane adhesion process is aided by use of a primer, as specified by the urethane supplier. Beginning with the second shift on October 24, 2004, Moraine Assembly implemented a change that utilized a different primer-less urethane, supplied by YH America, for windshield installations.

Moraine Assembly switched back to the primer-less urethane supplied by Dow Chemical beginning on December 7, 2004.

The GMNA Senior Management Committee recommended a field action and on January 31, 2005, the Field Action Decision Committee decided to conduct a noncompliance recall.

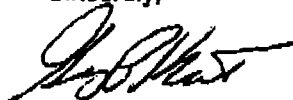
Letter to Mr. Medford
05002
February 2, 2005
Page 2

573.6(c)(8): Dealers are to replace the windshield.

Pursuant to 577.11(e), GM does not believe notification about reimbursement is required for this recall. The involved vehicles are current model vehicles and are covered by the new car warranty.

573.6(c)(9): GM will provide the preliminary bulletin and owner letter when available. GM plans to notify dealers on March 3, 2005 and owners on March 10, 2005.

Sincerely,



Gay P. Kent
Director

Product Investigations

05002
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>
Chevrolet	S/T Utility	2005	11,930	11/2004	12/2004	TrailBlazer	*Unknown
Buick	S/T Utility	2005	1,055	11/2004	12/2004	Rainer	"
GMC	S/T Utility	2005	3,894	11/2004	12/2004	Envoy	"
Isuzu	S/T Utility	2005	936	11/2004	12/2004	Ascender	"
		GM Total:	17,815				

* All affected vehicles will be corrected.

05002