



U.S. Department
of Transportation
**National Highway
Traffic Safety
Administration**

ODI RESUME

Investigation: EA 06-001
Prompted By: Consumer complaints
Date Opened: 01/20/2006
Principal Investigator: Peter C. Ong
Subject: Sun Roof Glass Failure

Manufacturer: General Motors Corp.
Products: 2004 - 2006 Cadillac SRX with Ultra.view types sun roofs
Population: 40,000

Problem Description: Alleged shattering of the glass sun roof panel while the vehicle was being driven or being occupied.

FAILURE REPORT SUMMARY

	ODI	Manufacturer	Total
Complaints:	6	11	17
Crashes/Fires:	0	0	0
Injury Incidents:	3	6	9
# Injuries:	10	9	19
Fatality Incidents:	0	0	0
# Fatalities:	0	0	0
Other*:	0	5	5

*Description of Other: Warranty claims related to the issue

Action: Open this Engineering Analysis (EA)

Engineer: Peter C. Ong *peo*
Div. Chief: Thomas Z. Cooper
Office Dir.: Kathleen C. DeMeter

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Summary: of the 17 complaints, there were 9 injury incidents resulting in 19 individuals injured. The injuries consist of cuts and scrapes to the face, arm, hand or leg regions. Some injuries were the direct result of the falling glass fragments while other injuries occurred when occupants were exiting the vehicle or while handling the glass fragments. In addition, there were five warranty claims related to the issue for a total of 22 reports.

GM has not identified any manufacturing process or quality control issue with the movable sun roof/moon roof glass panel. They believe the most likely cause of the breakage is due to random stone or sharp debris impact to the glass roof structure.

ODI's analysis indicates that the number of incidents will continue to increase as MY 2006 vehicles are sold and put into service. The evidence indicates that the broken glass fragments will fall directly onto both the front and middle row seat occupants of these vehicles. These occurrences may pose a risk of driver distraction and/or occupant injury.