



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

# ODI RESUME

Investigation: PE 06-024

Date Opened: 07/07/2006

Date Closed: 12/06/2006

Principal Investigator: Lee Strickland

Subject: Glass Moonroof Shatters

Manufacturer: Toyota Motor Corporation  
Products: MY 2005-2006 Toyota Scion tC  
Population: 142,952

Problem Description: Glass Moonroof Shattering

## FAILURE REPORT SUMMARY

	ODI	Manufacturer	Total
Complaints:	9	44	53
Crashes/Fires:	0	0	0
Injury Incidents:	1	3	4
# Injuries:	1	3	4
Fatality Incidents:	0	0	0
# Fatalities:	0	0	0
Other*:	0	78	78

\*Description of Other: Warranty/Goodwill adjustments for shattered moonroof

Action: This Preliminary Evaluation is closed.

Engineer: Leamon H. Strickland LKS

Date: 12/06/2006

Div. Chief: Thomas Z. Cooper

Date: 12/06/2006

Office Dir.: Kathleen C. DeMeter

Date: 12/06/2006

### Summary:

ODI's investigation discloses that the subject vehicles sustain moonroof shattering and/or damage at rates comparable to those for most other similarly equipped vehicles. This review also discloses that such incidents occur in most vehicles with moonroofs and that while tempered glass panels commonly used in moonroof fabrication are shatter-resistant, some catastrophic failures do in fact occur. Impact with small stones or road debris may result in immediate or delayed shatter incidents, depending on the extent and nature of the damage sustained by the glass moonroof panel.

The manufacturer concludes that incidents of moonroof shatter are random occurrences that result primarily from impact with small stones or other objects while the vehicle is on motion.

A safety-related defect trend has not been identified and this PE has been closed. The closing of this investigation does not constitute a finding by NHTSA that a safety defect does not exist. The Agency reserves the right to take further action if warranted by the circumstances.