



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

ODI RESUME

Investigation: PE 05-021
Date Opened: 04/28/2005 Date Closed: 08/26/2005
Principal Investigator: Lee Strickland
Subject: Sun/Moon Roof Wind Deflector Breakage

Manufacturer: Toyota Motor North America, Inc.
Products: 2005 Toyota Scion tC
Population: 60,365

Problem Description: Glass wind deflector may shatter at highway speeds

FAILURE REPORT SUMMARY

	ODI	Manufacturer	Total
Complaints:	7	1	8
Crashes/Fires:	0	0	0
Injury Incidents:	0	0	0
# Injuries:	0	0	0
Fatality Incidents:	0	0	0
# Fatalities:	0	0	0
Other*:	0	37	37

*Description of Other: Warranty claims filed by dealers

Action: This PE has been upgraded to an Engineering Analysis (EA05-013).

Engineer: Leamon H. Strickland *LHS* Date: 08/26/2005
Div. Chief: Thomas Z. Cooper Date: 08/26/2005
Office Dir.: Kathleen C. DeMeter Date: 08/26/2005

Summary:

The manufacturer states that there are no indications of deficiencies in the design, manufacture, or assembly of the wind deflector that may account for the incidents reported. The manufacturer also believes that impact of airborne road debris with the wind deflector is the probably cause for the incidents reported.

ODI'S analyses of the warranty data indicate that incidents of wind deflector breakage while driving will continue to occur over time, as the population and on-road exposure of the subject vehicles increase. The evidence indicates regardless of the cause for such breakage, the broken glass particles may fall directly onto the front seat occupants of these vehicles. These occurrences may pose a risk of driver distraction and personal injury.

This PE has been upgraded to an Engineering Analysis (EA05-013) to further assess this matter. *TZC 8-26-05*