

**TOYOTA**  
**TOYOTA MOTOR NORTH AMERICA, INC.**

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October 17, 2005

Mr. Ronald Medford  
Senior Associate Administrator, Vehicle Safety – NVS-010  
National Highway Traffic Safety Administration  
400 Seventh Street, S.W.  
Washington, D.C. 20590

05V-483  
(4 pages)

Re: 2005 - 2006 Scion tC Glass Wind Deflector  
Part 573, Defect Information Report

Dear Mr. Medford:

In accordance with the requirements of the National Traffic and Motor Vehicle Safety Act of 1966 and 49 CFR Part 573, on behalf of Toyota Motor Corporation ["TMC"], we hereby submit the attached Defect Information Report concerning a voluntary safety recall of certain 2005 through 2006 Scion tC vehicles to address an issue with the glass wind deflector. Please note that the vehicles included in this report are the subject of your agency's investigation, EA05-013.

Should you have any questions about this report, please contact Mr. Chris Santucci at (202) 775-1707.

Sincerely,

TOYOTA MOTOR NORTH AMERICA, INC.



Chris Tinto  
Vice President

CT:cs  
Attachment

## DEFECT INFORMATION REPORT

1. Vehicle Manufacturer Name:

Toyota Motor Corporation ["TMC"]  
1, Toyota-cho, Toyota-city,  
Aichi-ken, 471-8571 Japan

Affiliated U.S. Sales Company

Toyota Motor Sales, USA, Inc. ["TMS"]  
19001 South Western Avenue  
Torrance, CA 90509

2. Identification of Affected Vehicles:

Based on production records, we have determined the affected vehicle population as in the table below.

Make/ Car Line	Model Year	Manufacturer	VIN		Production Period
			VDS	VIS	
Scion/ tC	2005 through 2006	TMC	DE1#7	0001011 - 0072439	March 12, 2004 through July 21, 2005

Component Containing Defect: Sliding Roof Glass Sub-assembly

Manufacturer Name: Aisin Seiki Co., Ltd.  
Address: 2-1, Asahi-machi, Kariya-city, Aichi-ken, 448-8650, Japan  
Telephone: +81-566-24-8441

3. Total Number of Vehicles Potentially Affected:

71,392

4. Percentage of Vehicles Estimated to Actually Experience Malfunction:

Unknown

5. Description of Problem:

The Scion tC vehicle is equipped with a glass wind deflector which tilts upward when the moonroof is opened. In certain 2005 and early 2006 model year Scion tC vehicles, there is a possibility that if impacted by a projectile, such as road debris, while driving with the wind deflector in the upward-tilted position at highway speeds, the wind deflector may shatter and separate from the frame. In the worst case, pieces of the wind deflector glass may separate from the frame and fall upon the vehicle occupants causing driver distraction and/or injury.

6. Chronology of Principal Events:

Late April – Middle July 2005

NHTSA opened a Preliminary Investigation (PE05-021) into the Model Year 2005 Scion tC to evaluate reports of the wind deflector shattering. Toyota studied the issue, and determined that the wind deflector on the subject vehicles did not have a manufacturing quality or assembly issue that was related to the alleged defect in NHTSA's investigation. In the response to NHTSA's inquiry, Toyota expressed concern that the shattering of the wind deflector was probably occurring as a result of impact with road debris during highway speed driving. At the time, Toyota responded that this type of failure is a result of an uncontrollable event, and has developed the wind deflector to meet or exceed regulations that are in place to mitigate injury.

Late July – Middle October 2005

Toyota recovered a shattered wind deflector from a customer vehicle for evaluation. Toyota discovered evidence of an impact on the wind deflector glass. During this time, NHTSA upgraded the Preliminary Evaluation to an Engineering Analysis (EA05-013). To alleviate the concerns of NHTSA and our customers about safety, and to prevent the possibility of the deflector glass shattering, Toyota decided to conduct a voluntary safety recall to remedy all of the affected vehicles.

7. Description of Corrective Repair Action:

All known owners of the subject vehicles will be notified by first class mail to return their vehicles to any Toyota dealer for an inspection of the wind deflector, and to apply a plastic film to inside of the deflector glass.

Reimbursement Plan for pre-notification remedies

The owner letter will instruct vehicle owners that had repairs conducted to the Wind Deflector in the affected Scion tC vehicles prior to receiving the owner letter to seek reimbursement by mailing a copy of their repair order, proof-of-payment, and proof-of-ownership for reimbursement consideration.

- (i) The beginning date of Toyota reimbursement plan will be:  
The beginning date of the reimbursement will be no earlier than March 12, 2004, when the first subject vehicles were manufactured.
- (ii) The ending date of Toyota reimbursement plan will be:  
The ending date shall be at least 10 calendar days after the date on which the last owner notification was mailed, however Toyota will further review requests for reimbursement from involved vehicle owners on a case-by-case basis.
- (iii) Toyota may exclude reimbursement, if:  
The pre-notification repair was not of the same type (repair, replacement, or refund of purchase price) as the recall remedy.  
Pre-notification repair was not reasonably necessary to correct the defect or noncompliance that led to the recall or a manifestation of the defect or noncompliance.  
Pre-notification remedy was not reasonably necessary to correct the defect or noncompliance.  
The repair was conducted as a result of vehicle accident or other reason not specifically related to the defect or noncompliance.

- (iv) Toyota will reimburse eligible customers for at least the following costs. Other costs may be reimbursed on a case-by-case basis:  
The cost of a replacement Wind Deflector and an installation labor time of approximately 0.4 hour.
- (v) Owners requesting reimbursement must submit the appropriate documentation; repair order, proof-of-payment, and proof-of-ownership to the following address for reimbursement consideration.

8. Recall Schedule:

Mailing of the owner notifications will commence in late October 2005 and will be completed in late November 2005.

Notifications to dealers will be sent in late October 2005.

Copies of the owner notification and dealer instructions will be submitted as soon as they are available.