

**Part 573 Safety Recall Report****14V-757****Manufacturer Name :** Toyota Motor Engineering & Manufacturing**Submission Date :** NOV 26,2014**NHTSA Recall No. :** 14V-757**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : Toyota Motor Engineering &amp; Manufact

Address : 19001 SOUTH WESTERN AVENUE

TORRANCE CA 90501

Company phone : 1-800-331-4331

**Population :**

Number of potentially involved : 25,552

Estimated percentage with defect : NR

**Vehicle Information :**

Vehicle : 2015-2015 Toyota Sienna

Vehicle Type :

Body Style :

Power Train : NR

**Descriptive Information :** Although the involved vehicles are within the above VIN range, not all vehicles in this range were sold in the U.S.

Certain MY15 Camry, MY15 Tundra, and MY15 Avalon use the same assist grip; however due to differences in the design of parts in the roof rail area, the force applied to the assist grip in the event of a collision that results in the deployment of a curtain airbag is not sufficient enough to cause the assist grip to completely detach.

Production Dates : SEP 02, 2014 - NOV 14, 2014

**VIN (Vehicle Identification Number) Range**

Begin : 5TDJK3DC6FS094184

End : 5TDYK3DC0FS556298

 Not sequential VINs

**Description of Defect :**

Description of the Defect : The subject vehicles are equipped with left and right side second row overhead assist grips mounted to the roof rails. In the event of a collision that results in deployment of a curtain shield airbag (CSA), the force transmitted to the headliner as the CSA inflates may be sufficient to cause an assist grip to detach from the mounting bracket if the temperature in the roof rail area is high from outside ambient temperature. If an assist grip completely detaches, it may contact an occupant, increasing the risk of injury in the event of a crash.

Description of the Safety Risk : If an assist grip completely detaches, it may contact an occupant, increasing the risk of injury in the event of a crash.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

**Supplier Identification :****Component Manufacturer**

Name : Toyoda Gosei Missouri

Address : 2200 Plattin Road

Perryville MISSOURI 63775

Country : United States

**Chronology :**

April 2014 – August 2014

During the development of the CSA design for the affected vehicles, Toyota conducted static deployment tests to confirm deployment performance. This development testing was conducted with second row overhead assist grip designs that were different than the production level parts. Some test results showed the assist grip partially detaching during deployment, but there were no instances of the assist grip completely detaching. Design improvements were to be made for the final production level parts to mitigate partial detachment. Vehicle production began in September 2014.

September 2014 - November 2014

Toyota conducted routine post-production CSA deployment testing using the production level assist grip design. During a test conducted at high ambient temperature, the second row overhead assist grip completely detached from the vehicle roof rail. In subsequent testing Toyota was able to duplicate this result. Toyota immediately began an investigation. It was determined that some of design improvements that were expected to be incorporated into the production assist grip design had not been implemented.

November 20, 2014

After completing the investigation, Toyota decided to conduct a voluntary safety recall campaign on the affected vehicles.

As of November 19, 2014, Toyota is not aware of any injuries or fatalities caused by this condition. No Toyota field reports or warranty claims related to this condition have been received by Toyota.

**Description of Remedy :**

Description of Remedy Program : Toyota will notify owners by first class mail to return their vehicles to a Toyota dealer. The dealer will modify the headliner near the second row overhead assist grip.

As the owner notification letters will be mailed out well within the active period of the Toyota New Vehicle Limited Warranty ("Warranty"), all involved vehicle owners for this recall would have been provided a repair at no cost under Toyota's Warranty.

How Remedy Component Differs from Recalled Component : NR

Identify How/When Recall Condition was Corrected in Production : NR

**Recall Schedule :**

Description of Recall Schedule : Notifications to owners will begin mid-January, 2015. A copy of the draft owner notification letter will be submitted as soon as it is available.

Notifications to distributors/dealers will be sent November 26, 2014. Copies of dealer communications will be submitted as they are issued.

Planned Dealer Notification Date : NOV 26, 2014 - NOV 26, 2014

Planned Owner Notification Date : JAN 15, 2015 - JAN 15, 2015

\* NR - Not Reported