

November 26, 2014

DEFECT INFORMATION REPORT

1. Vehicle Manufacturer Name:

Toyota Motor Manufacturing, Indiana, Inc. ["TMMI"]
4000 Tulip Tree Drive, Princeton, IN 47670-4000

Affiliated U.S. Sales Company

Toyota Motor Sales, USA, Inc. ["TMS"]
19001 South Western Avenue, Torrance, CA 90501

Supplier of the second row overhead assist grip

Toyoda Gosei Missouri
2200 Plattin Road, Perryville, MO 63775
(573)547-104

Country of Origin: U.S.

2. Identification of Involved Vehicles:

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

Make/ Car Line	Model Year	Manufac- turer	VIN		Production Period
			VDS	VIS	
Toyota/ Sienna	2015	TMMI	#K3DC	FS094184 – FS096027 FS522745 – FS556298	September 2, 2014 through TBD

- Note: (1) Although the involved vehicles are within the above VIN range, not all vehicles in this range were sold in the U.S.
- (2) 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.

3. Total Number of Vehicles Potentially Involved:

25,552

4. Percentage of Vehicles Estimated to Actually Contain the Defect:

Unknown

5. Description of Problem:

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.

6. Chronology of Principal Events:

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.

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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.

7. Description of Corrective Repair Action:

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.

Reimbursement Plan for pre-notification remedies

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.

8. 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.

9. Distributor/Dealer Notification Schedule:

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