



**Toyota Motor Engineering &  
Manufacturing North America, Inc.**

Vehicle Safety & Compliance  
Liaison Office  
19001 South Western Avenue  
Torrance, CA 90501

January 9, 2017

## DEFECT INFORMATION REPORT

1. Vehicle Manufacturer Name:

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

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

Toyota Motor Manufacturing Canada Inc. ["TMMC"]  
1055 Fountain Street North, Cambridge, Ontario, Canada N3H 5K2

Toyota Motor Manufacturing Mississippi, Inc. ["TMMMS"]  
1200 Magnolia Way, Blue Springs, MS 38828

New United Motor Manufacturing, Inc. ["NUMMI"]  
45500 Fremont Boulevard, Fremont, CA 94538-6368

Affiliated U.S. Sales Company

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

General Motors Corporation Global Headquarters ["GM"]  
100 Renaissance Center Drive, P. O. Box 100 Detroit, MI 48265

Manufacturer of Front Passenger Air Bag Inflator:

TK HOLDINGS INC. ("Takata")  
2500 Takata Drive, Auburn Hills, MI 48326  
Phone: 248-373-2897

Country of Origin: Mexico

2. Identification of Involved Vehicles:

Make/ Car Line	Model Year	Manufacturer	Production Period
Toyota/ Scion xB	2008 - 2009	TMC	March 29, 2007 through February 27, 2009
Toyota/ Scion xB	2012	TMC	June 3, 2001 Through December 26, 2012
Toyota/ Corolla	2009	TMC, TMMC, NUMMI	November 23, 2007 through March 3, 2009
Toyota/ Corolla	2012	TMC, TMMC, TMMMS	October 18, 2011 through August 16, 2012
Toyota/ Corolla Matrix	2009	TMMC	January 2, 2008 through March 4, 2009
Toyota/ Corolla Matrix	2012	TMMC	December 7, 2011 through August 7, 2012
Toyota/ Yaris	2007 - 2009	TMC	September 22, 2005 through July 31, 2009
Toyota/ Yaris	2012	TMC	July 31, 2011 through August 30, 2012
Toyota/ 4Runner	2012	TMC	October 3, 2011 through August 2, 2012
Toyota/ Sienna	2012	TMMI	September 6, 2011 through August 8, 2012
Lexus/ IS250/350	2006 - 2009	TMC	August 31, 2005 through August 4, 2009
Lexus/ IS250/350	2012	TMC	August 27, 2011 through August 23, 2012
Lexus/ IS250C/350C	2012	TMC	August 27, 2011 through August 24, 2012
Lexus/ IS-F	2008 - 2009	TMC	December 27, 2007 through May 26, 2009

Lexus/ IS-F	2012	TMC	June 29, 2011 through August 22, 2012
Lexus/ ES350	2007 - 2009	TMC	December 7, 2005 through August 27, 2009
Lexus/ ES350	2012	TMC	August 7, 2011 through June 11, 2012
Lexus/ GX460	2012	TMC	August 1, 2011 through May 31, 2012
Lexus/ LFA	2012	TMC	June 25, 2010 through December 24, 2012
Pontiac/ Vibe	2009	NUMMI	TBD

- NOTE: (1) Although the involved vehicles are within the above production period, not all vehicles in this range were sold in the U.S.
- (2) The involved vehicles are equipped with Takata-designated PSPI-6 inflators. Vehicles with other inflators (Takata-designated SPI, PSPI, and PSPI-L) noted in the Part 573 reports submitted by Takata on January 3, 2016 have already been included in Toyota recalls 15V-285, 15V-286, 16V-127, and 16V-128. Other inflators specified by Takata are not used in Toyota vehicles.

Applicability	Part Number	Part Name	Component Description
Lexus LFA	73980-77010	Inflator Assembly, Passenger Air Bag	Passenger Air Bag Inflator
All other Models	73980-52170		

3. Total Number of Vehicles Potentially Involved:

Toyota Scion xB	:	37,716
Toyota Corolla	:	225,801
Toyota Corolla Matrix	:	19,418
Toyota Yaris	:	87,597
Toyota 4Runner	:	19,845
Toyota Sienna	:	52,703
Lexus IS250/350	:	37,943
Lexus IS250C/350C	:	3,271
Lexus IS-F	:	744
Lexus ES350	:	53,026
Lexus GX460	:	5,082
Lexus LFA	:	180
Pontiac Vibe	:	TBD
Total	:	543,326 (Toyota and Lexus)

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

Not available.

5. Description of Problem:

The subject vehicles are equipped with front passenger air bag inflators (Takata-designated PSPI-6) which contain a non-desiccated, phase stabilized ammonium nitrate propellant. According to the Part 573 Reports submitted by Takata on January 3, 2017, a defect related to motor vehicle safety may arise in the inflators due to propellant degradation occurring after prolonged exposure to high absolute humidity, high temperatures, and high temperature cycling. Activation of a non-desiccated ammonium nitrate inflator with degraded propellant may result in an inflator rupture. An inflator rupture may cause metal fragments to pass through the air bag and into the vehicle interior at high speed, which may result in injury or death to vehicle occupants.

6. Chronology of Principal Events:

January 3, 2017 – Takata filed Part 573 reports in accordance with terms specified in the May 4, 2016 Amendment to the November 3, 2015 Consent Order between Takata and the National Highway Traffic Safety Administration (NHTSA).

January 6, 2017 – Based on Takata's Part 573 reports, Toyota decided to conduct a voluntary safety recall to identify the subject vehicles and replace the air bag inflator or assembly. In doing so, Toyota does not fully endorse the content of Takata's Part 573 reports.

7. Description of Corrective Repair Action:

All known owners of the affected Toyota, Scion, and Lexus vehicles will be notified by first class mail to return their vehicles to a Toyota or Lexus dealer, as applicable. Depending on the vehicle model, dealers will replace the front passenger air bag inflator, or replace the air bag assembly.

General Motors will notify NHTSA separately of its repair and notification schedule.

Reimbursement Plan for pre-notification remedies

The owner letter will instruct vehicle owners who have paid to have this condition remedied prior to this campaign to seek reimbursement pursuant to Toyota's General Reimbursement Plan.

Reimbursement Plan for pre-notification remedies for General Motors Vehicles (Pontiac Vibe)

Pursuant to 49 C.F.R. § 577.11, GM will reimburse owners for repairs according to the plan submitted on May 20, 2015.

8. Recall Schedule:

Interim notifications to owners of the affected vehicles will occur by March 10, 2017. A copy of the draft owner notification letter will be submitted as soon as available.

Remedy notifications will be made consistent with NHTSA's Coordinated Remedy Program Order and the availability of replacement parts.

9. Distributor/Dealer Notification Schedule:

Notifications to distributors/dealers will be sent on January 10, 2017. Copies of dealer communications will be submitted as they are issued.

10. Manufacturer's Campaign Number:

	[Interim]			[Final]		
	<u>Zone A</u>	<u>Zone B</u>	<u>Zone C</u>	<u>Zone A</u>	<u>Zone B</u>	<u>Zone C</u>
Toyota:	G1P	G1R	H1A	G0P	G0R	H0A
Lexus:	G2G	G2H	H2A	GLG	GLH	HLA