#### OMB Control No.: 2127-0004

# Part 573 Safety Recall Report

# 17V-006

**Manufacturer Name:** Toyota Motor Engineering & Manufacturing

**Submission Date:** JAN 25, 2017 NHTSA Recall No.: 17V-006

**Manufacturer Recall No.:** See attached report.



#### **Manufacturer Information:**

Manufacturer Name: Toyota Motor Engineering &

Manufacturing

Address: 19001 South Western Avenue

Torrance CA 90501

Company phone: 1-800-331-4331

# **Population:**

Number of potentially involved: 567,911 Estimated percentage with defect:

☐ Not sequential

# **Vehicle Information:**

Vehicle 1: 2008-2009 Scion xB

Vehicle Type: **Body Style:** Power Train: NR

**Descriptive Information:** (1) Although the involved vehicles are within the above production period, not all

vehicles in this range were sold in the U.S.

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.

Production Dates: MAR 29, 2007 - FEB 27, 2009

End: NR VIN Range 1 : Begin : NR

Vehicle 2: 2012-2012 Scion xB

Vehicle Type: **Body Style:** Power Train: NR

Although the involved vehicles are within the above production period, not all **Descriptive Information:** (1)

vehicles in this range were sold in the U.S.

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.

Production Dates: JUN 03, 2011 - DEC 26, 2012

NR VIN Range 1 : Begin : End: NR ☐ Not sequential

Vehicle 3 : Vehicle Type : Body Style : Power Train :		yota Corolla	ı	
Descriptive Information :	<ul> <li>(1) Although the involved vehicles are within the above production period, not all vehicles in this range were sold in the U.S.</li> <li>(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.</li> </ul>			
Production Dates :	,			
VIN Range 1:	Begin:	NR	End: NR	☐ Not sequential
Vehicle 4: Vehicle Type: Body Style: Power Train: Descriptive Information:	NR (1) Althouvehicles in this (2) The invehicles with the Part 573 reports in Toyota recase.	gh the invol s range were volved vehic other inflator ts submitte lls 15V-285	ved vehicles are within the e sold in the U.S. cles are equipped with Taka ors (Takata-designated SPI, 1 d by Takata on January 3, 20	above production period, not all ta-designated PSPI-6 inflators. PSPI, and PSPI-L) noted in the 016 have already been included V-128. Other inflators specified
Production Dates :	OCT 18 2011 -	- AUG 16 20	12	
VIN Range 1:		NR	End: NR	☐ Not sequential
Vehicle Type : Body Style : Power Train : Descriptive Information :	NR (1) Althouvehicles in this (2) The involvehicles with open to the control of t	gh the invol s range were volved vehic other inflato ts submitte lls 15V-285, not used in '	ved vehicles are within the e sold in the U.S. cles are equipped with Taka ors (Takata-designated SPI, I d by Takata on January 3, 20 15V-286, 16V-127, and 16 Toyota vehicles.	above production period, not all ta-designated PSPI-6 inflators. PSPI, and PSPI-L) noted in the 016 have already been included V-128. Other inflators specified
Production Dates :				
VIN Range 1:	Begin:	NR	End: NR	☐ Not sequential

Vehicle 6 : Vehicle Type : Body Style : Power Train :		rota Corolla Mat	rix		
Descriptive Information :					
Production Dates : VIN Range 1 :		AUG 07, 2012 NR	End: NR	☐ Not sequential	
Vehicle 7 : Vehicle Type : Body Style : Power Train :		ota Yaris			
Descriptive Information :					
Production Dates : VIN Range 1 :		IUL 31, 2009 NR	End: NR	☐ Not sequential	
Vehicle 8 : Vehicle Type : Body Style : Power Train :		rota Yaris			
Descriptive Information :	<ul> <li>(1) Although the involved vehicles are within the above production period, not all vehicles in this range were sold in the U.S.</li> <li>(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.</li> </ul>				
Production Dates : VIN Range 1 :		AUG 30, 2012 NR	End: NR	☐ Not sequential	

	2012-2012 Toy	ota 4Runner			
Vehicle Type:					
Body Style : Power Train :	ND				
		1.1 . 1 1	1 . 1	1 •	
Descriptive Information :	(1) Althoug vehicles in this				the above production period, not all
		0			akata-designated PSPI-6 inflators.
					SPI, PSPI, and PSPI-L) noted in the
					3, 2016 have already been included
	by Takata are n				16V-128. Other inflators specified
	by Tunata are in	ot used in Toyo	ta venie	ics.	
<b>Production Dates:</b>	OCT 03, 2011 - A	AUG 02, 2012			
VIN Range 1:	Begin:	NR	End:	NR	
Vohicle 10:	2012-2012 Toy	ota Sianna			
Vehicle Type :	2012-2012 10y	ota Sieilia			
Body Style :					
Power Train :	NR				
Descriptive Information :		h the involved v	vehicles	are within	the above production period, not all
<b>P</b>	vehicles in this				<b>P</b>
					akata-designated PSPI-6 inflators.
					PI, 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 n				•
Production Dates	SED 06 2011 A	ATIC 00 2012			
Production Dates : VIN Range 1 :		NR	End:	ND	☐ Not sequential
viiv italige 1.	Degiii.	NIC	Liiu.	INIC	Not sequential
Vehicle 11:	2006-2009 Lexi	us IS250			
Vehicle Type :					
Body Style :					
Power Train :	NR				
Descriptive Information :					the above production period, not all
	vehicles in this	0			Character de Caracter de DCDI C to Clateron
				•	Takata-designated PSPI-6 inflators. EPI, PSPI, and PSPI-L) noted in the
					3, 2016 have already been included
	in Toyota recall	s 15V-285, 15V	-286, 16	8V-127, and	16V-128. Other inflators specified
	by Takata are n	ŭ	ta vehic	les.	
Production Dates :			_		
VIN Range 1:	Begin :	NR	End:	NR	☐ Not sequential

Vehicle 12:	2006-2009 Lex	us IS350		
Vehicle Type :				
Body Style :				
Power Train :				
Descriptive Information :		th the involved	vahiclas ara within the ah	ove production period, not all
Descriptive information.	vehicles in this			ove production period, not an
				designated PSPI-6 inflators.
				PI, and PSPI-L) noted in the
				3 have already been included
	· ·			28. Other inflators specified
	by Takata are n	ot used in Toyo	ta vehicles.	
Production Dates :	AUG 31, 2005 -	JUL 30, 2009		
VIN Range 1:	Begin:	NR	End: NR	■ Not sequential
	: 2012-2012 Lex	us IS250		
Vehicle Type :				
Body Style :				
Power Train :	NR			
Descriptive Information :				ove production period, not all
	vehicles in this	0		l l l l l l l l l l l l l l l l l l l
				designated PSPI-6 inflators.
				PI, and PSPI-L) noted in the B have already been included
				28. Other inflators specified
	by Takata are n			1
Due de etter Detec	AUC 97 9011	AUC 92 9019		
Production Dates :			End: NR	☐ Not acquential
VIN Range 1:	ведіп :	NR	EIIU: NK	☐ Not sequential
Vehicle 14:	2012-2012 Lex	us IS350		
Vehicle Type :				
Body Style :				
Power Train :				
Descriptive Information :		th the involved	vehicles are within the abo	ove production period, not all
Descriptive information .	vehicles in this			ove production period, not un
		-		designated PSPI-6 inflators.
				PI, and PSPI-L) noted in the
	_	•	· ·	6 have already been included
	· ·			28. Other inflators specified
	by Takata are n	ot usea in Toyo	ta venicies.	
Production Dates :	AUG 27. 2011 -	AUG 22. 2012		
VIN Range 1:		NR	End: NR	☐ Not sequential
,	0			

Vehicle 15	: 2012-2012 Lex	us IS250C		
Vehicle Type				
Body Style				
Power Train				
Descriptive Information		th the involved	vahiclas ara within tha	above production period, not all
Descriptive information	vehicles in this	•		above production period, not an
				ta-designated PSPI-6 inflators.
			O	PSPI, and PSPI-L) noted in the
				016 have already been included
	•			V-128. Other inflators specified
	by Takata are n	iot usea iii 10yt	ta venicies.	
Production Dates	: AUG 27, 2011 -	AUG 24, 2012		
VIN Range 1:	: Begin :	NR	End: NR	☐ Not sequential
	<u> </u>			_ 1
Vehicle 16	: 2012-2012 Lex	us IS350C		
Vehicle Type				
Body Style				
Power Train	: NR			
<b>Descriptive Information</b>	: (1) Althoug	the involved	vehicles are within the	above production period, not all
•	vehicles in this	·		
				ta-designated PSPI-6 inflators.
				PSPI, and PSPI-L) noted in the
				016 have already been included V-128. Other inflators specified
	by Takata are n			120. Other finators specified
<b>Production Dates</b> :	: AUG 28, 2011 -	AUG 24, 2012		
VIN Range 1:	: Begin :	NR	End: NR	■ Not sequential
	: 2008-2009 Lex	us IS-F		
Vehicle Type				
Body Style				
Power Train	: NR			
<b>Descriptive Information</b>		,		above production period, not all
	vehicles in this	_		to declarate I DCDI O la Catana
				ta-designated PSPI-6 inflators. PSPI, and PSPI-L) noted in the
				016 have already been included
	-	•	· ·	V-128. Other inflators specified
	by Takata are n			•
n 1 n	DEC 07 0007	MAN OO COOC		
Production Dates			E I ND	N
VIN Range 1	: Begin :	NR	End: NR	☐ Not sequential

Vehicle 18 : Vehicle Type : Body Style : Power Train :	2012-2012 Lex	us IS-F		
Descriptive Information :	<ul> <li>(1) Although the involved vehicles are within the above production period, not all vehicles in this range were sold in the U.S.</li> <li>(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.</li> </ul>			
Production Dates:	JUN 29, 2011 - A	AUG 22, 2012		
VIN Range 1:	Begin:	NR	End: NR	■ Not sequential
Vehicle 19: Vehicle Type: Body Style: Power Train: Descriptive Information:	<ul><li>(1) Although vehicles in this</li><li>(2) The inv</li><li>Vehicles with of Part 573 report</li></ul>	th the involved verange were sold olved vehicles a ther inflators (Tes submitted by 15V-285, 15V	l in the U.S. re equipped with Takata-o Takata-designated SPI, PSP Takata on January 3, 2016 -286, 16V-127, and 16V-1	ove production period, not all designated PSPI-6 inflators. I, and PSPI-L) noted in the B have already been included 28. Other inflators specified
Production Dates :	DEC 07, 2005 -	AUG 27, 2009		
VIN Range 1:	Begin:	NR	End: NR	☐ Not sequential
Vehicle 20: Vehicle Type: Body Style: Power Train: Descriptive Information:	<ul><li>(1) Althoug vehicles in this</li><li>(2) The inv</li><li>Vehicles with o</li><li>Part 573 report</li></ul>	th the involved verange were solo olved vehicles a ther inflators (T ts submitted by Is 15V-285, 15V	l in the U.S. re equipped with Takata-o Takata-designated SPI, PSP Takata on January 3, 2016 -286, 16V-127, and 16V-1	ove production period, not all designated PSPI-6 inflators. FI, and PSPI-L) noted in the 5 have already been included 28. Other inflators specified
Production Dates :	AUG 07, 2011 -	JUN 11, 2012		
VIN Range 1:		NR	End: NR	☐ Not sequential

Vehicle 21:	2012-2012 Lex	us GX460		
Vehicle Type :				
Body Style :				
Power Train :	NR			
Descriptive Information :	(1) Althoug	h the involved	vehicles are within the above p	roduction period, not all
1	vehicles in this			1 ,
			re equipped with Takata-desig	
			Cakata-designated SPI, PSPI, an	
			Takata on January 3, 2016 hav -286, 16V-127, and 16V-128. (	
	by Takata are n			Julei illiators specified
<b>Production Dates:</b>	AUG 01, 2011 -	MAY 31, 2012		
VIN Range 1:	Begin:	NR	End: NR	■ Not sequential
	2012-2012 Lex	us LFA		
Vehicle Type :				
Body Style :				
Power Train :				
Descriptive Information :			vehicles are within the above p	roduction period, not all
	vehicles in this (2) The inve		1 in the U.S. re equipped with Takata-desig	enated DCDI & inflators
			'akata-designated SPI, PSPI, an	
			Takata on January 3, 2016 hav	
	in Toyota recall	s 15V-285, 15V	-286, 16V-127, and 16V-128. (	Other inflators specified
	by Takata are n	ot used in Toyo	ta vehicles.	
Production Dates	IIIN 25 2010 I	NEC 94 9019		
Production Dates : VIN Range 1 :		NR	End: NR	☐ Not cognontial
viiv kange 1.	Degiii .	IVIC	EIIU. IVIV	☐ Not sequential
Vehicle 23:	2009-2009 Pon	tiac Vibe		
Vehicle Type :		alue Vise		
Body Style :				
Power Train :				
Descriptive Information :		th the involved s	vehicles are within the above p	roduction period not all
Descriptive information.	vehicles in this		-	roduction period, not un
		-	re equipped with Takata-desig	gnated PSPI-6 inflators.
			akata-designated SPI, PSPI, an	
	_	•	Takata on January 3, 2016 hav	•
	by Takata are n		-286, 16V-127, and 16V-128.( ta vehicles	other inflators specified
	by Takata are II	ot used in 10y0	tu veineres.	
Production Dates:	JAN 22, 2008 - N	MAR 03, 2009		
VIN Range 1:	Begin:	NR	End: NR	☐ Not sequential

### **Description of Defect:**

Description of the Defect: 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.

FMVSS 1: NR FMVSS 2: NR

Description of the Safety Risk: 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.

Description of the Cause: NR
Identification of Any Warning NR
that can Occur:

## **Supplier Identification:**

#### **Component Manufacturer**

Name: TK Holdings, Inc. ("Takata")

Address: 2500 Takata Drive

**Auburn Hills MICHIGAN 48326** 

**Country: United States** 

#### **Chronology:**

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.

### **Description of Remedy:**

Description of Remedy Program: 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. 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.

General Motors will notify NHTSA separately of its repair and notification schedule. Pursuant to 49 C.F.R. § 577.11, GM will reimburse owners for

repairs according to the plan submitted on May 20, 2015.

How Remedy Component Differs NR

from Recalled Component:

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

#### **Recall Schedule:**

Description of Recall Schedule: Interim notifications to owners of the affected vehicles will occur by

March 11, 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. Notifications to distributors/dealers will be sent on January 10, 2017. Copies of dealer communications will be submitted as they are issued.

Planned Dealer Notification Date: JAN 10, 2017 - JAN 10, 2017 Planned Owner Notification Date: JAN 30, 2017 - MAR 10, 2017

\* NR - Not Reported