

# Part 573 Safety Recall Report

# 18V-883

**Manufacturer Name :** Toyota Motor Engineering & Manufacturing**Submission Date :** JAN 08, 2020**NHTSA Recall No. :** 18V-883**Manufacturer Recall No. :** See attached report**Manufacturer Information :**

**Manufacturer Name :** Toyota Motor Engineering & Manufacturing  
**Address :** 6565 Headquarters Drive  
 Plano TX 75024  
**Company phone :** 1-800-331-4331

**Population :**

**Number of potentially involved :** 168,993  
**Estimated percentage with defect :** NR

**Vehicle Information :****Vehicle 1 :** 2002-2005 Toyota Sequoia**Vehicle Type :****Body Style :****Power Train :** NR**Descriptive Information :** 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 subject Toyota and Lexus vehicles are equipped with front passenger air bag inflators (Takata-designated SPI, PSPI or PSPI-L) which contain a non-desiccated phase stabilized ammonium nitrate propellant and that were replaced as a "like-for-like" inflator under a prior recall by the end of 2014.
- (3) The subject Pontiac Vibe vehicles are equipped with front passenger air bag inflators (Takata-designated PSPI-L), which contain a non-desiccated, phase stabilized ammonium nitrate propellant and that were replaced as a "like-for-like" replacement under a prior recall. Note: Toyota is unable to provide an estimate of the percentage of vehicles to actually contain the defect. As noted in the May 2016 Amendment to the Takata Consent Order, the length of time that a non-desiccated frontal Takata PSAN inflator will have reached the point where they pose an unreasonable risk to safety could be quite long and is dependent on the age of the inflator and environmental exposure, among other factors.

[June 11, 2019] – Toyota submitted its notice to utilize provisions and requirements of Paragraph 45 and the "other" reporting category pursuant to Paragraphs 46-47 of the December 9, 2016 ACRO. Counts of these vehicles are indicated in the attached supplements.

**Production Dates :** APR 03, 2002 - DEC 21, 2004**VIN Range 1 : Begin :**

NR

**End :** NR Not sequential**Vehicle 2 :** 2002-2005 Lexus SC**Vehicle Type :**

Body Style :

Power Train : NR

Descriptive Information : 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 subject Toyota and Lexus vehicles are equipped with front passenger air bag inflators (Takata-designated SPI, PSPI or PSPI-L) which contain a non-desiccated phase stabilized ammonium nitrate propellant and that were replaced as a “like-for-like” inflator under a prior recall by the end of 2014.

(3) The subject Pontiac Vibe vehicles are equipped with front passenger air bag inflators (Takata-designated PSPI-L), which contain a non-desiccated, phase stabilized ammonium nitrate propellant and that were replaced as a “like-for-like” replacement under a prior recall. Note: Toyota is unable to provide an estimate of the percentage of vehicles to actually contain the defect. As noted in the May 2016 Amendment to the Takata Consent Order, the length of time that a non-desiccated frontal Takata PSAN inflator will have reached the point where they pose an unreasonable risk to safety could be quite long and is dependent on the age of the inflator and environmental exposure, among other factors.

[June 11, 2019] – Toyota submitted its notice to utilize provisions and requirements of Paragraph 45 and the “other” reporting category pursuant to Paragraphs 46-47 of the December 9, 2016 ACRO. Counts of these vehicles are indicated in the attached supplements.

Production Dates : JAN 08, 2001 - DEC 23, 2004

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 3 : 2003-2007 Pontiac Vibe

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : 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 subject Toyota and Lexus vehicles are equipped with front passenger air bag inflators (Takata-designated SPI, PSPI or PSPI-L) which contain a non-desiccated phase stabilized ammonium nitrate propellant and that were replaced as a “like-for-like” inflator under a prior recall by the end of 2014.

(3) The subject Pontiac Vibe vehicles are equipped with front passenger air bag inflators (Takata-designated PSPI-L), which contain a non-desiccated, phase stabilized ammonium nitrate propellant and that were replaced as a “like-for-like” replacement under a prior recall. Note: Toyota is unable to provide an estimate of the percentage of vehicles to actually contain the defect. As noted in the May 2016 Amendment to the Takata Consent Order, the length of time that a non-desiccated frontal Takata PSAN inflator will have reached the point where they pose an unreasonable risk to safety could be quite long and is dependent on the age of the inflator and environmental exposure, among other factors.

[February 27, 2019] - General Motors informed Toyota that it has notified the Agency regarding its intent to utilize the provisions and requirements of Paragraph 45 and the "other" reporting category pursuant to Paragraphs 46-47 of the December 9, 2016 ACRO.

Production Dates : JAN 18, 2002 - JUN 04, 2007

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 4 : 2003-2005 Toyota Tundra

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : 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 subject Toyota and Lexus vehicles are equipped with front passenger air bag inflators (Takata-designated SPI, PSPI or PSPI-L) which contain a non-desiccated phase stabilized ammonium nitrate propellant and that were replaced as a "like-for-like" inflator under a prior recall by the end of 2014.

(3) The subject Pontiac Vibe vehicles are equipped with front passenger air bag inflators (Takata-designated PSPI-L), which contain a non-desiccated, phase stabilized ammonium nitrate propellant and that were replaced as a "like-for-like" replacement under a prior recall. Note: Toyota is unable to provide an estimate of the percentage of vehicles to actually contain the defect. As noted in the May 2016 Amendment to the Takata Consent Order, the length of time that a non-desiccated frontal Takata PSAN inflator will have reached the point where they pose an unreasonable risk to safety could be quite long and is dependent on the age of the inflator and environmental exposure, among other factors.

[June 11, 2019] - Toyota submitted its notice to utilize provisions and requirements of Paragraph 45 and the "other" reporting category pursuant to Paragraphs 46-47 of the December 9, 2016 ACRO. Counts of these vehicles are indicated in the attached supplements.

Production Dates : AUG 05, 2002 - DEC 21, 2004

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 5 : 2003-2005 Toyota Corolla

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : 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 subject Toyota and Lexus vehicles are equipped with front passenger air bag inflators (Takata-designated SPI, PSPI or PSPI-L) which contain a non-desiccated phase stabilized ammonium nitrate propellant and that were replaced as a "like-for-like" inflator under a prior recall by the end of 2014.

(3) The subject Pontiac Vibe vehicles are equipped with front passenger air bag

inflators (Takata-designated PSPI-L), which contain a non-desiccated, phase stabilized ammonium nitrate propellant and that were replaced as a “like-for-like” replacement under a prior recall. Note: Toyota is unable to provide an estimate of the percentage of vehicles to actually contain the defect. As noted in the May 2016 Amendment to the Takata Consent Order, the length of time that a non-desiccated frontal Takata PSAN inflator will have reached the point where they pose an unreasonable risk to safety could be quite long and is dependent on the age of the inflator and environmental exposure, among other factors.

[June 11, 2019] – Toyota submitted its notice to utilize provisions and requirements of Paragraph 45 and the “other” reporting category pursuant to Paragraphs 46-47 of the December 9, 2016 ACRO. Counts of these vehicles are indicated in the attached supplements.

Production Dates : DEC 28, 2001 - DEC 23, 2004

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 SPI, PSPI or PSPI-L) as a “like-for-like” replacement under a prior recall (15V-285 or 15V-286) which contain a non-desiccated, phase stabilized ammonium nitrate propellant. According to the Part 573 Reports submitted by Takata on January 2, 2020, 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 airbag and into the vehicle interior at high speed, which may result in injury or death to vehicle occupants. In consideration of a sufficient supply of final remedy inflators, and upon discussion with the Agency, Toyota previously accelerated the launch of the remedy for these vehicles in advance of the Takata decisions under this Recall 18V-883. Takata’s January 2, 2020 report prompts this amendment for certain Toyota and Lexus vehicles.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : The subject vehicles are equipped with front passenger air bag inflators (Takata-designated SPI, PSPI or PSPI-L) as a “like-for-like” replacement under a prior recall (15V-285 or 15V-286) which contain a non-desiccated, phase stabilized ammonium nitrate propellant. According to the Part 573 Reports submitted by Takata on January 2, 2020, 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 airbag and into the vehicle interior at high speed, which may result in injury or death to vehicle occupants. In consideration of a sufficient supply of final remedy inflators, and upon discussion with the Agency, Toyota previously accelerated the launch of the remedy for these vehicles in advance of the Takata decisions under this Recall 18V-883. Takata's January 2, 2020 report prompts this amendment for certain Toyota and Lexus vehicles.

Description of the Cause : NR

Identification of Any Warning  
that can Occur : NR

## Supplier Identification :

### Component Manufacturer

Name : TK Global LLC. ("Takata")

Address : 2500 Takata Drive  
Auburn Hills MICHIGAN 48326

Country : United States

## Chronology :

December 7, 2018 – In consideration of a sufficient supply of final remedy inflators and upon discussion with the Agency, Toyota decided to conduct a campaign to replace the air bag inflator or the air bag assembly on certain Toyota and Lexus vehicles. Additionally, Toyota is also recalling certain Pontiac Vibe vehicles based on General Motor's request, and in consideration of a sufficient supply of final remedy inflators by them.

January 2, 2020 – 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 7, 2020 – Based on Takata's Part 573 reports, Toyota decided to conduct a voluntary safety recall to identify the subject vehicles. 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 and Lexus vehicles were notified by first class mail to return their vehicles to a Toyota or Lexus dealer. 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 and its campaign number concerning the Pontiac Vibe. Pursuant to 49 C.F.R. § 577.11, GM will provide reimbursement to owners for repairs according to the plan submitted by GM on May 19, 2017.

How Remedy Component Differs from Recalled Component :  
Recalled component name: Inflator Assembly Kit, Passenger Air Bag,  
Recalled component description: Passenger Air Bag Inflator, Recalled component part number: 04003-11124, 04003-28124, 04003-11102, 04003-28102, 04004-75102, 04004-75202, 04003-1110C, 04003-2810C, 04004-7510C, 04004-7520C, 04003-1110C, 04003-2810C, 04004-7510C, 04004-7520C.  
Recalled component name: Module ASM-I/P Air Bag Inflator, Recalled component description: Passenger Air Bag Inflator, Recalled component part number: 19205568

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

## Recall Schedule :

Description of Recall Schedule : Notifications to owners of the affected vehicles has already occurred. A copy of the draft owner notification letter has been provided to the agency. Notifications to distributors/dealers were previously sent on December 12, 2018. Copies of dealer communications have already been submitted to the agency.

General Motors notified NHTSA separately of its repair and notification schedule concerning the Pontiac Vibe.

Planned Dealer Notification Date : DEC 12, 2018 - DEC 12, 2018

Planned Owner Notification Date : JAN 14, 2019 - JAN 18, 2019

\* NR - Not Reported