

Toyota Motor North America, Inc.

Vehicle Safety & Compliance
Liaison Office
Mail Stop: W4-2D
6565 Headquarters Drive
Plano, TX 75024

January 8, 2020

DEFECT INFORMATION REPORT (18V-025 AMENDED)

1. Vehicle Manufacturer Name:

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

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

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

Affiliated U.S. Sales Company

Toyota Motor North America, Inc. ["TMNA"]
6565 Headquarters Drive, Plano, TX 75024

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 Global LLC. ("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/ Yaris	2010 - 2012	TMC	July 31, 2009 through March 30, 2012

Toyota/ Corolla Matrix	2003 - 2008	TMMC	January 6, 2002 through December 13, 2007
Pontiac/ Vibe	2010	NUMMI	February 27, 2009 through August 18, 2009

- 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) Toyota Yaris and Pontiac Vibe vehicles are equipped with front passenger air bag inflators (Takata-designated PSPI-6), as original equipment, which contain a non-desiccated, phase stabilized ammonium nitrate propellant.
- (3) The subject Toyota Corolla Matrix vehicles are equipped with front passenger air bag inflators (Takata-designated PSPI-L), as a “like-for-like” replacement under a prior recall, which contain a non-desiccated, phase stabilized ammonium nitrate propellant.

Applicability	Part Number	Part Name	Component Description
MY2010-2012 Toyota Yaris	73980-52170	Inflator Assembly, Passenger Air Bag	Passenger Air Bag Inflator
MY2003-2004 Toyota Matrix	04003-28101 & 04003-11101	Inflator Assembly Kit, Passenger Air Bag	
MY2005-2008 Toyota Matrix	04004-75201 & 04004-75101		
MY2010 Pontiac Vibe	2423432 (Takata PN) 73980-52170 (Toyota PN)	Module ASM-I/P Air Bag Inflator	

3. Total Number of Vehicles Potentially Involved:

Toyota Yaris	:	14,585
Toyota Corolla Matrix	:	98,194
Pontiac Vibe	:	3,347
Total	:	116,126

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

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.

5. Description:

The 2010-2012MY Toyota Yaris and 2010MY Pontiac Vibe vehicles are equipped with front passenger air bag inflators (Takata-designated PSPI-6), as original equipment, which contain a non-desiccated, phase stabilized ammonium nitrate propellant. According to the Part 573 Reports submitted by Takata on January 2, 2019, 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-025. Takata's January 2, 2019 report prompted a previous amendment for certain Yaris and Vibe vehicles.

The 2003-2008MY Toyota Corolla Matrix vehicles are equipped with front passenger air bag inflators (Takata-designated PSPI-L), as a "like-for-like" replacement under a prior recall, 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-025. Takata's January 2, 2020 report prompts this amendment for certain Corolla Matrix vehicles.

6. Chronology of Principal Events:

January 9, 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 assembly on certain Yaris vehicles.

January 25, 2018 – In consideration of a sufficient supply of final remedy inflators, and upon discussion with General Motors regarding the Pontiac Vibe, Toyota decided to expand this campaign to include certain Toyota Corolla Matrix vehicles affected by Takata's scheduled DIR of late 2019 ("like-for-like") and certain Pontiac Vibe vehicles affected by Takata's scheduled DIRs of late 2018 (Phase 4).

January 2, 2019 – 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 9, 2019 – Based on Takata’s Part 573 reports, Toyota decided to conduct a voluntary safety recall to identify the subject vehicles (i.e., 2010-2012MY Toyota Yaris and 2010MY Pontiac Vibe) and replace the air bag assembly. In doing so, Toyota does not fully endorse the content of Takata’s Part 573 reports.

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 (i.e., 2003-2008MY Toyota Corolla Matrix). 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 vehicles were notified by first class mail to return their vehicles to a Toyota dealer. Dealers will replace the air bag assembly.

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

Reimbursement Plan for pre-notification remedies

The owner letter instructed 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 19, 2017.

8. Recall Schedule:

Notifications to owners have already occurred. A copy of the draft owner notification letter has been provided to the agency. (General Motors notified NHTSA separately of its repair and notification schedule concerning the Pontiac Vibe.)

9. Distributor/Dealer Notification Schedule:

Notifications to distributors/dealers were previously sent on January 9, 2018. (General Motors notified NHTSA separately of its repair and notification schedule concerning the Pontiac Vibe.) Copies of dealer communications have already been submitted to the agency.

10. Manufacturer's Campaign Number:

	<u>Zone A</u>	<u>Zone B</u>	<u>Zone C</u>
Yaris	-	G0R	H0A
Matrix	J0A	J0B	J0C