

Part 573 Safety Recall Report

16V-356

Manufacturer Name : Mazda North American Operations

Submission Date : MAY 09, 2017

NHTSA Recall No. : 16V-356

Manufacturer Recall No. : 9516E



Manufacturer Information :

Manufacturer Name : Mazda North American Operations

Address : 1025 Connecticut Avenue, NW
Suite 910 Washington DC 20036

Company phone : 800-222-5500

Population :

Number of potentially involved : 264,221

Estimated percentage with defect : NR

Vehicle Information :

Vehicle 1 : 2009-2011 Mazda Mazda6

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : These vehicles are registered in zone A as defined by Takata in the DIR of May 16, 2016.

Plant information; Auto Alliance, Inc. Flat Rock, Michigan.

Production Dates : FEB 04, 2008 - JUN 18, 2011

VIN Range 1 : Begin : 1YVHP82AX95M00001 **End :** 1YVHP81B995M52259 ☐ Not sequential

VIN Range 2 : Begin : 1YVHZ8BH3A5M00014 **End :** 1YVHZ8CH0A5M58872 ☐ Not sequential

VIN Range 3 : Begin : 1YVHZ8BH5B5M00002 **End :** 1YVHZ8BH9B5M30734 ☐ Not sequential

Vehicle 2 : 2007-2011 Mazda CX-7

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : These vehicles are registered in zone A as defined by Takata in the DIR of May 16, 2016.

Plant information; Hiroshima plant of Mazda Motor Corporation in Japan.

Production Dates : FEB 14, 2006 - OCT 20, 2011

VIN Range 1 : Begin : JM3ER293470100057 **End :** JM3ER29L670169185 ☐ Not sequential

VIN Range 2 : Begin : JM3ER29LX80169188 **End :** JM3ER293980215755 ☐ Not sequential

VIN Range 3 : Begin : JM3ER293590215768 **End :** JM3ER293190238576 ☐ Not sequential

VIN Range 4 : Begin : JM3ER2W30A0300039 **End :** JM3ER2WL9A0352978 ☐ Not sequential

VIN Range 5 : Begin : JM3ER2B53B0353049 **End :** JM3ER2D32B0410353 ☐ Not sequential

Vehicle 3 : 2007-2008 Mazda CX-9

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : These vehicles are registered in zone B as defined by Takata in the DIR of May 16, 2016.

Plant information; Hiroshima plant of Mazda Motor Corporation in Japan.

Production Dates : OCT 24, 2006 - JUN 30, 2008

VIN Range 1 : Begin : JM3TB38CX70100082 End : JM3TB28Y170121098 ☐ Not sequential

VIN Range 2 : Begin : JM3TB38VX80121114 End : JM3TB38V680164249 ☐ Not sequential

Vehicle 4 : 2007-2008 Mazda CX-7

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : These vehicles are registered in zone B as defined by Takata in the DIR of May 16, 2016.

Plant information; Hiroshima plant of Mazda Motor Corporation in Japan.

Production Dates : FEB 15, 2006 - MAY 06, 2008

VIN Range 1 : Begin : JM3ER293X70100077 End : JM3ER29L070169182 ☐ Not sequential

VIN Range 2 : Begin : JM3ER293880169190 End : JM3ER293580215753 ☐ Not sequential

Vehicle 5 : 2007-2011 Mazda CX-9

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : These vehicles are registered in zone A as defined by Takata in the DIR of May 16, 2016.

Plant information; Hiroshima plant of Mazda Motor Corporation in Japan.

Production Dates : OCT 24, 2006 - JUL 27, 2011

VIN Range 1 : Begin : JM3TB28C670100087 End : JM3TB28CX70121105 ☐ Not sequential

VIN Range 2 : Begin : JM3TB28A580121111 End : JM3TB38V480164251 ☐ Not sequential

VIN Range 3 : Begin : JM3TB28A790164253 End : JM3TB28A190181257 ☐ Not sequential

VIN Range 4 : Begin : JM3TB2MA2A0200005 End : JM3TB2MA9A0238704 ☐ Not sequential

VIN Range 5 : Begin : JM3TB2DA5B0300004 End : JM3TB2CA5B0333120 ☐ Not sequential

Description of Defect :

Description of the Defect : Updated May 10, 2017 – This submission is to inform of Mazda's intent to implement the "other" reporting category for removed vehicles in Quarterly Reporting as permitted in the Third Amendment to the Coordinated Remedy Order ("ACRO"), Paragraphs 45 through 49. As a condition of the ACRO, all affected vehicles will remain active, or "live", across Mazda's data systems such that any search of "other" removed VINs will return an open recall status. For this reason, the Number of potentially involved vehicles in this report will remain the same. However, for reference, initial counts of vehicles in the "other" reporting category are indicated in attached supplement. Note that these counts are current as of the second calendar quarter 2017. Future changes to overall Total Removed counts, including "Other," will be reflected in quarterly reporting.

On May 4, 2016, NHTSA and Takata came to agreement that all the non-desiccated frontal Takata PSAN (Phase-stabilized ammonium nitrate-based propellant) inflators that have not previously been subject to recall in the U.S should be treated as being involved with recall, as a result of the evaluation conducted by Takata and the independent research organization. Therefore, on May 16, 2016, Takata submitted the Defect Information Report #1 to NHTSA on the non-desiccated frontal PSAN inflators. As a part of them, PSPI-6 inflator is involved in the DIR#1 and the following Mazda models are equipped with PSPI-6 inflator and have not ever been recalled. MY 2009-2011 Mazda6 and MY 2007-2011 CX-7 and MY2007-2011 CX-9 in zone A, MY 2007-2008 CX-7 and MY 2007-2008 CX-9 in zone B. This airbag inflator may potentially rupture during passenger side airbag deployment due to propellant degradation occurring after prolonged exposure to high absolute humidity, high temperatures and high temperature cycling.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : In the event of a crash necessitating deployment of the passenger side airbag, the inflator could rupture with metal fragments striking and potentially seriously injuring the passenger seat occupant or other occupant.

Description of the Cause : Based on Takata's investigation to date, the potential for such ruptures occurs in some of the subject inflators after several years of exposure to persistent conditions of high absolute humidity, high temperatures, and high temperature cycling. The potential for rupture may also be influenced by other factors, including the specific vehicle environment, the inflator and propellant configuration, and manufacturing variability.

Identification of Any Warning that can Occur : NR

Supplier Identification :**Component Manufacturer**

Name : Takata / T K Holding INC.

Address : 888 16th street, NW, Suite 800 Washingto
WASHINGTON 20006

Country : United States

Chronology :

On May 4, 2016; NHTSA and Takata reached consensus on necessitating recall action that all the non-desiccated frontal Takata PSAN inflators that have not previously been subject to recall in the U.S.

On May 16, 2016; In accordance with the amendment to the consent order, Takata submitted Defect Information Report to NHTSA.

On May 17, 2016; Takata explained the content of DIR and its influence on Mazda's model.

On May 18, 2016; Based on DIR submitted by Takata, Mazda held a Quality Audit Committee and decided to conduct a recall campaign regarding the passenger side airbag inflator on MY 2009-2011 Mazda6, MY 2004-2011 CX-7 and MY 2007-2011 CX-9 in zone A, MY 2007-2008 CX-7 and MY 2007-2008 CX-9 in zone B.

Description of Remedy :

Description of Remedy Program : Owners of record will be notified of this issue and instructed to take their vehicles to a Mazda dealer for repair. The dealer will replace the frontal passenger side airbag inflator with modified one. The repair will be performed free of charge to the vehicle owners. This is an interim repair that will be being implemented until the final repair parts become available.

How Remedy Component Differs from Recalled Component : NR

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

Recall Schedule :

Description of Recall Schedule : A draft of the planned owner letter will be provided when it becomes available.

Planned Dealer Notification Date : JUL 08, 2016 - JUL 08, 2016

Planned Owner Notification Date : JUL 15, 2016 - JUL 15, 2016

* NR - Not Reported