

# Part 573 Safety Recall Report

# 19V-782

**Manufacturer Name :** Mazda North American Operations**Submission Date :** AUG 09, 2024**NHTSA Recall No. :** 19V-782**Manufacturer Recall No. :** 1317F**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 : 69,879

Estimated percentage with defect : 1 %

**Vehicle Information :**

Vehicle 1 : 2009-2012 Mazda Mazda6

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : GAS

Descriptive Information : – Recall population determined by the production record of vehicles which have been repaired by use of non-desiccated PSAN inflators as an interim remedy.

– Vehicles not included in the recall have an improved air bag inflators installed.

The following is the affected number of vehicles by MY/Make/Model:

MY2009-2012 Mazda Mazda6 built at Auto Alliance International plant in Flat Rock, Michigan, USA: 10,733 units.

Production Dates : APR 11, 2008 - APR 16, 2012

VIN Range 1 : Begin : 1YVHP81A295M00060 End : 1YVHP82A595M52250  Not sequentialVIN Range 2 : Begin : 1YVHZ8AH7A5M00017 End : 1YVHZ8CH0A5M58872  Not sequentialVIN Range 3 : Begin : 1YVHZ8CB9B5M00028 End : 1YVHZ8BH9B5M30698  Not sequentialVIN Range 4 : Begin : 1YVHZ8CH5C5M00162 End : 1YVHZ8EH4C5M44215  Not sequential

Vehicle 2 : 2007-2012 Mazda CX-7

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : GAS

Descriptive Information : – Recall population determined by the production record of vehicles which have been repaired by use of non-desiccated PSAN inflators as an interim remedy.

– Vehicles not included in the recall have an improved air bag inflators installed.

The following is the affected number of vehicles by MY/Make/Model:

MY2007-2012 Mazda CX-7 built at Mazda Motor Corporation in Japan: 29,846 units.

Production Dates : FEB 14, 2006 - DEC 16, 2011

VIN Range 1 : Begin : JM3ER29L670100061	End : JM3ER293X70169125	<input type="checkbox"/> Not sequential
VIN Range 2 : Begin : JM3ER293180169192	End : JM3ER293X80215750	<input type="checkbox"/> Not sequential
VIN Range 3 : Begin : JM3ER29L890215764	End : JM3ER29L990238440	<input type="checkbox"/> Not sequential
VIN Range 4 : Begin : JM3ER2W37A0300054	End : JM3ER2WL9A0352978	<input type="checkbox"/> Not sequential
VIN Range 5 : Begin : JM3ER2B53B0353049	End : JM3ER2B53B0410351	<input type="checkbox"/> Not sequential
VIN Range 6 : Begin : JM3ER2BM3C0410424	End : JM3ER2CM8C0422048	<input type="checkbox"/> Not sequential

Vehicle 3 : 2007-2012 Mazda CX-9

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : GAS

Descriptive Information : – Recall population determined by the production record of vehicles which have been repaired by use of non-desiccated PSAN inflators as an interim remedy.

– Vehicles not included in the recall have an improved air bag inflators installed.

The following is the affected number of vehicles by MY/Make/Model:

MY2007-2012 Mazda CX-9 built at Mazda Motor Corporation in Japan: 29,300 units.

Production Dates : OCT 25, 2006 - SEP 27, 2012

VIN Range 1 : Begin : JM3TB28C870100091	End : JM3TB28CX70121105	<input type="checkbox"/> Not sequential
VIN Range 2 : Begin : JM3TB28A880121121	End : JM3TB38V480164251	<input type="checkbox"/> Not sequential
VIN Range 3 : Begin : JM3TB28A790164253	End : JM3TB28A190181257	<input type="checkbox"/> Not sequential
VIN Range 4 : Begin : JM3TB3MA9A0200007	End : JM3TB2MA7A0238698	<input type="checkbox"/> Not sequential
VIN Range 5 : Begin : JM3TB2DA5B0300004	End : JM3TB3DV3B0333110	<input type="checkbox"/> Not sequential
VIN Range 6 : Begin : JM3TB2CA0C0333124	End : JM3TB2CV1C0369259	<input type="checkbox"/> Not sequential

## Description of Defect :

Description of the Defect : In accordance with the Amendment to November 3, 2015 Consent Order issued May 3, 2016, Mazda intends to submit a recall, Defect information Report (DIR) #5 on the subject vehicles which have ever been repaired under several recalls regarding the defect of Takata air bag, using non-desiccated frontal PSAN inflators as an interim remedy.

The PSPI-6 air bag inflator, equipped in these subject Mazda vehicles, may potentially rupture during passenger side air bag 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 : 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.

Description of the Cause : The propellant wafers in the subject inflators may degrade over time, which could lead to over-aggressive combustion in the event the air bag is activated. Overly aggressive combustion creates excessive internal pressure when the inflator is activated, which may cause the inflator body to rupture. Based on Takata's investigation to date, the potential for such ruptures occur 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 : There is no warning prior to occurrence of the rupture of air bag.

## Involved Components :

Component Name 1 : NR

Component Description : NR

Component Part Number : NR

## Supplier Identification :

**Component Manufacturer**

Name : Takata / T K Holding INC  
Address : 888 16th street, NW,  
Suite 800 Washington D.C. District of Columbia 20006  
Country : United States

## Chronology :

Please see the attached file "Chronology of Defect.pdf" updated August 9 2024 (Amendment #5).

## Description of Remedy :

Description of Remedy Program : Owners will be notified by mail and instructed to take their vehicle to a Mazda dealer. Dealers will replace the air bag inflator with an improved part using non-PSAN inflator. There will be no charge for this service to vehicle owners. Mazda does not intend to issue the reimbursement plan like as Mazda did not under the existing Takata recall.

On August 9, 2024, to further urge owners to obtain an urgent and free safety recall repair, Mazda is issuing an immediate DO NOT DRIVE advisory for certain MY2007-2012 CX-7, MY2007-2012 CX-9, and MY2009-2012 Mazda6 vehicles involved in this recall and remain unrepaired. Re-notification letters will be mailed by the recall schedule indicated.

How Remedy Component Differs from Recalled Component : The remedy part is an air bag inflator manufactured by a different parts supplier and does not utilize phase-stabilized ammonium nitrate.

Identify How/When Recall Condition was Corrected in Production : (Not applicable)

## Recall Schedule :

Description of Recall Schedule : Renotification letters with the DO NOT DRIVE advisory will be mailed by the recall schedule indicated.

Planned Dealer Notification Date : AUG 13, 2024 - AUG 14, 2024

Planned Owner Notification Date : OCT 08, 2024 - OCT 08, 2024

\* NR - Not Reported