

Part 573 Safety Recall Report

19V-781

Manufacturer Name : Mazda North American Operations**Submission Date :** MAR 20, 2023**NHTSA Recall No. :** 19V-781**Manufacturer Recall No. :** 2618F**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 : 47,006

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2003-2008 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:

MY2003-2008 Mazda Mazda6 built at Auto Alliance International plant in Flat Rock, Michigan, USA: 41,321 units.

Production Dates : AUG 05, 2002 - MAY 05, 2008

VIN Range 1 : Begin : 1YVHP84C155M00056 End : 1YVHP80C155M77533

 Not sequential

VIN Range 2 : Begin : 1YVHP82D965M00061 End : 1YVHP84D065M71498

 Not sequential

VIN Range 3 : Begin : 1YVHP84D675M00016 End : 1YVHP80C475M64469

 Not sequential

VIN Range 4 : Begin : 1YVHP81C185M00020 End : 1YVHP80C985M48964

 Not sequential

VIN Range 5 : Begin : 1YVFP80C435M00353 End : 1YVFP80D435M57077

 Not sequential

VIN Range 6 : Begin : 1YVFP80C145N07572 End : 1YVFP80C445N99308

 Not sequential

VIN Range 7 : Begin : 1YVFP80C555M00087 End : 1YVFP80C155M76941

 Not sequential

VIN Range 8 : Begin : 1YVFP80C365M00400 End : 1YVFP80C365M71158

 Not sequential

Vehicle 2 : 2004-2005 Mazda MPV

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:
MY2004-2005 Mazda MPV built at Mazda Motor Corporation in Japan: 1,878 units.

Production Dates : AUG 21, 2003 - AUG 27, 2004

VIN Range 1 : Begin : JM3LW28J940500028 End : JM3LW28A540531874 Not sequential

VIN Range 2 : Begin : JM3LW28A850531899 End : JM3LW28JX50533802 Not sequential

Vehicle 3 : 2006-2007 Mazda Mazdaspeed6

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:
MY2006-2007 Mazda Mazdaspeed6 built at Mazda Motor Corporation in Japan: 854 units.

Production Dates : AUG 19, 2005 - JUN 28, 2007

VIN Range 1 : Begin : JM1GG12L861100096 End : JM1GG12L461108034 Not sequential

VIN Range 2 : Begin : JM1GG12L571108075 End : JM1GG12L971110735 Not sequential

Vehicle 4 : 2004-2004 Mazda RX-8

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:
MY2004 Mazda RX-8 built at Mazda Motor Corporation in Japan: 2,953 units.

Production Dates : APR 11, 2003 - JUN 30, 2004

VIN Range 1 : Begin : JM1FE173940100069 End : JM1FE173240140879 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 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 20006
Country : United States

Chronology :

(See the attached Chronology.pdf for preceding chronological events.)
March 20 2023, Amended P573 - see attached "Chronology of Defect (update).pdf "

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.

How Remedy Component Differs from Recalled Component : The remedy components have non-PSAN inflator..
Recalled Parts name: Air bag inflator Part number: GJYA-57K80.
FEY1-57K80.

Identify How/When Recall Condition was Corrected in Production : The vehicle production of the subject model was discontinued by when the improved air bag inflators with non-PSAN were considered.

Recall Schedule :

Description of Recall Schedule : Notification to dealers is expected to occur on or before November 5, 2019. Mailing of owner notification letters is expected to be completed on or before December 18, 2019.
Planned Dealer Notification Date : NOV 05, 2019 - NOV 05, 2019
Planned Owner Notification Date : DEC 18, 2019 - DEC 18, 2019

* NR - Not Reported