

Part 573 Safety Recall Report

19V-488

Manufacturer Name : Mazda North American Operations**Submission Date :** AUG 09, 2024**NHTSA Recall No. :** 19V-488**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 : 211

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2010-2011 Mazda RX-8

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Recall population determined by production records of vehicles not yet remedied under 18V716. These vehicles have moved from 18V716 to this new recall using non-PSAN air bag inflator.

MY/Make/Model: MY 2010 through 2011 Mazda RX-8: 239 units.

Production Dates : JUN 01, 2009 - APR 26, 2011

VIN Range 1 : Begin : JM1FE1C45A0403408 End : JM1FE1C23A0404829

 Not sequential

VIN Range 2 : Begin : JM1FE1R41B0404872 End : JM1FE1T21B0405723

 Not sequential

Description of Defect :

Description of the Defect : July 9, 2019: The vehicle count of the subject vehicles has been updated as RX-8 transition from “final” to “permanent” remedy parts is now completed. Therefore, 18V716, using desiccated phase-stabilized ammonium nitrate (“PSAN”) based propellant, has been closed simultaneously. Under terms of the Amendment to November 3, 2015 Consent Order issued May 3, 2016, Takata submitted Defect Information Report (DIR) #4 on non-desiccated frontal PSAN inflators at the end of 2018. Mazda submitted DIR#4 using desiccated, phase- stabilized ammonium nitrate (“PSAN”) air bag inflators on October 16, 2018 prior to Takata’s submission of DIR because replacement parts became available earlier than anticipated. Since non-PSAN air bag inflators are now available, this submission is to replace existing recall 18V716, moving unrepaired vehicles to the subject units of this recall. The affected model is MY2010 through 2011 RX-8. The specific defect is as follows. 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 : 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 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 : NR

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 of record will be notified of this issue and instructed to take their vehicles to a Mazda dealer for repair. The dealers will replace the frontal driver air bag inflator with the permanent air bag inflator that is free from phased- stabilized ammonium nitrate. The repair will be performed free of charge to the vehicle owners.
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 MY2010-2011 RX-8 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