

Part 573 Safety Recall Report

17V-013

Manufacturer Name : Mazda North American Operations**Submission Date :** AUG 09, 2024**NHTSA Recall No. :** 17V-013**Manufacturer Recall No. :** 2118A**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 : 725

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2007-2009 Mazda B-series

Vehicle Type : LIGHT VEHICLES

Body Style : PICKUP TRUCK

Power Train : GAS

Descriptive Information : These additional vehicles have been registered in Zone B as defined by Takata's DIR #2 filing (Reference #17E003) on January 3, 2017.

A certain 29 vehicles are added to 696 vehicles currently involved in Takata passenger's side air bag recall, DIR#2 in September, 2021.

Plant information; Edison assembly plant of Ford Motor Corporation in USA.

Production Dates : FEB 21, 2006 - JAN 15, 2009VIN Range 1 : Begin : 4F4YR12D67PM00006 End : 4F4YR12DX7PM06911 Not sequentialVIN Range 2 : Begin : 4F4ZR47E17PM00003 End : 4F4ZR47E37PM06899 Not sequentialVIN Range 3 : Begin : 4F4YR12D98PM00096 End : 4F4YR12D08PM05560 Not sequentialVIN Range 4 : Begin : 4F4ZR47E68PM00001 End : 4F4ZR47E68PM05179 Not sequentialVIN Range 5 : Begin : 4F4YR12DX9PM00089 End : 4F4YR12D39PM01570 Not sequentialVIN Range 6 : Begin : 4F4ZR47E89PM00003 End : 4F4ZR47E09PM01484 Not sequential

Description of Defect :

Description of the Defect : Updated on 9/6/2021; Mazda intends to increase the subject volume of 17V013, from 696 units to 725 units.

This submission adds affected vehicles under Takata DIR#2 and corresponds to Mazda's defect information report #16V499 which covers affected vehicles under Takata DIR#1. For Zone A: MY 2012 does not apply as no Mazda B-Series vehicles are equipped with PSPI inflators. For Zone B: MY 2009 vehicles are added. For Zone C: MY 2007 through MY 2008 are added. (Note: For MY 2005 through MY 2006, there are no Mazda B-Series vehicles equipped with PSPI inflators.)

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 : 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 #7).

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 air bag inflator with modified one. 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 MY2007-2009 B-series 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