

Part 573 Safety Recall Report

21V-162

Manufacturer Name : Mazda North American Operations**Submission Date :** MAR 19, 2021**NHTSA Recall No. :** 21V-162**Manufacturer Recall No. :** 4821C**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 : 5,847

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 : Recall population is determined by production records, vehicle registration data, and sales information with the subject driver inflator installed. Affected vehicles are equipped with Takata PSDI-5D driver frontal air bag inflators that use calcium sulfate as a desiccant.

All vehicles produced in the subject model year range are captured in this recall. MY2007~2009 Mazda B-Series produced at Twin Cities Assembly Plant of Ford Motor Company, USA: 5,847 units.

Production Dates : FEB 21, 2006 - JUN 18, 2009VIN Range 1 : Begin : 4F4YR12D97PM00002 End : 4F4YR16D17PM07052 Not sequentialVIN Range 2 : Begin : 4F4ZR47E17PM00003 End : 4F4ZR47E87PM07241 Not sequentialVIN Range 3 : Begin : 4F4YR12D98PM00096 End : 4F4YR16D88PM06269 Not sequentialVIN Range 4 : Begin : 4F4ZR47E68PM00001 End : 4F4ZR47E18PM06031 Not sequentialVIN Range 5 : Begin : 4F4YR12D59PM00002 End : 4F4YR16D59PM02438 Not sequentialVIN Range 6 : Begin : 4F4ZR47E49PM00001 End : 4F4ZR47E79PM02261 Not sequential**Description of Defect :**

Description of the Defect : TK Holdings, Inc. ("Takata") has determined that a defect which relates to motor vehicle safety exists in the driver frontal air bag inflators installed as original equipment of the MY2007-2009 B-series. The PSDI-5D inflators may potentially explode during normal air bag deployment due to degradation of the propellant desiccated with calcium sulfate. Inflator degradation can occur after prolonged exposure to high humidity and temperature cycling. Mazda is not aware of any reports of accident or injury related to this condition.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : In the event of a crash that causes the frontal air bag to deploy, an inflator explosion may cause sharp metal fragments to pass through the air bag and into the vehicle interior at high speed, which may result in serious injury or death.

Description of the Cause : The desiccated propellant in the subject inflators may degrade after prolonged exposure to high humidity and temperature cycling.

Identification of Any Warning that can Occur : There is no warning prior to occurrence.

Involved Components :

Component Name 1 : Air bag module

Component Description : Air bag module

Component Part Number : 1FAA-57-K00

Supplier Identification :

Component Manufacturer

Name : TK Global LLC

Address : 888 16th street, NW, Suite 800
12-31 Akasaka 2-chome Minato-ku, in Japa 2006

Country : United States

Chronology :

Pease see the Chronology.pdf shown in the attachment

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. There will be no charge for this service to vehicle owners. Mazda does not intend to issue the reimbursement plan as all vehicles will require the recall remedy since replacement parts have not been made available prior to issuance of this recall.

How Remedy Component Differs from Recalled Component : The remedy components do not contain ammonium nitrate.
Recalled Parts name: Air bag module, Part number: 1FAA-57-K00 00

Identify How/When Recall Condition was Corrected in Production : No production changes were made as subject vehicles have been discontinued when the improved air bag inflators were made available.

Recall Schedule :

Description of Recall Schedule : Notification to dealers is expected to occur on or before March 15, 2021.
Mailing of owner notification letters is expected to be completed on or before May 09, 2021.

Planned Dealer Notification Date : MAR 15, 2021 - MAR 15, 2021

Planned Owner Notification Date : MAY 09, 2021 - MAY 09, 2021

* NR - Not Reported