

Part 573 Safety Recall Report

18V-038

Manufacturer Name : Mazda North American Operations**Submission Date :** FEB 09, 2018**NHTSA Recall No. :** 18V-038**Manufacturer Recall No. :** 2218A**Manufacturer Information :****Population :****Manufacturer Name :** Mazda North American Operations**Number of potentially involved :** 2,205**Address :** 1025 Connecticut Avenue, NW
Suite 910 Washington DC 20036**Estimated percentage with defect :** 1 %**Company phone :** 800-222-5500**Vehicle Information :****Vehicle 1 :** 2006-2006 Mazda B-Series**Vehicle Type :** LIGHT VEHICLES**Body Style :** PICKUP TRUCK**Power Train :** GAS

Descriptive Information : [Update on February 9, 2018]: Due to new information from Takata laboratory testing, the affected population under the "Do Not Drive" notification was increased from 160 units to 2,205 units. Consequently, the recall population for 1917L (17V-807) was reduced from 19,621 units to 17,576 units.

[Initial submission January 16, 2018]:

- The recall population includes all vehicles produced with a Takata single stage driver, PSAN based, non-desiccated driver frontal air bag inflator produced by Takata on either 9/3/2005 or 9/5/2005. No inflators were produced by Takata on 9/4/2005.

- Vehicles not included in this recall are included in 1917L (NHTSA no. 17V807).

Production Dates : AUG 05, 2005 - NOV 04, 2005**VIN Range 1 : Begin :** 4F4YR46U36PM00006 **End :** 4F4YR46U56PM03103☐ Not sequential**VIN Range 2 : Begin :** 4F4ZR47E76PM00005 **End :** 4F4ZR47E96PM03083☐ Not sequential

Description of Defect :

Description of the Defect : The driver frontal air bag inflator could rupture if the vehicle is involved in a crash where the supplemental frontal air bags are designed to deploy. Two inflators built at Takata on the same day have ruptured causing fatal injuries on the MY2006 Ford Ranger - note that the MY2006 Mazda B-Series is similar design and manufacture as the Ford Ranger. Other vehicles equipped with inflators built on that day are included in Mazda recall 1917L (NHTSA no. 17V807), but are now being addressed in this separate action due to an identified elevated risk of rupture during an air bag deployment compared to other vehicles in the recall population. Although inflators that have ruptured were produced on the same day, it was identified that a small number of inflators were built by Takata on September 3, 2005 and September 5, 2005. These inflators are being considered part of the same group of inflators and included in this action.

Note - No inflators were produced on September 4, 2005.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Activation of a non-desiccated, phase stabilized ammonium nitrate ("PSAN") 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 : NR

Identification of Any Warning that can Occur : NR

Supplier Identification :**Component Manufacturer**

Name : Takata / T K Holding INC.

Address : 888 16th street, NW, Suite 800
Washington DISTRICT OF COLUMBIA 20006

Country : United States

Chronology :

On December 14, 2017, Mazda implemented a final remedy repair for both driver and passenger air bag inflators for 2004 through 2006 model year Mazda B-Series vehicles under 1917L (NHTSA no. 17V807) and 1817L (NHTSA no. 17V806).

On January 2, 2018, Ford informed Mazda that a second fatality occurred on a MY2006 Ford Ranger due to a

driver side air bag inflator rupture and that the inflator in this vehicle had an identical manufacture date to the previously reported fatality. Ford began a VIN traceability study to identify all inflators containing the suspected propellant lots which were used in manufacturing on that date and included Mazda vehicles.

On January 9, 2018, Ford provided Mazda with a list of suspect VINs containing inflators with the elevated risk of rupture.

On January 11, 2018, Mazda held a Quality Audit Committee and decided to conduct a recall campaign regarding the driver side air bag inflator on MY2006 B-series vehicles which are suspected to have an elevated risk of rupture compared to other vehicles not included in the recall.

On February 6, 2018, Ford notified Mazda that new testing results supported expanding the original population under the "Do Not Drive" recall to include vehicles produced from August 5, 2005 (Job #1) through November 4, 2005.

On February 8, 2018, Mazda held a Quality Audit Committee and approved an expansion to include vehicles produced from August 5, 2005 (Job #1) through November 4, 2005.

Description of Remedy :

Description of Remedy Program : Owners of record will be notified of this issue and instructed to not drive their vehicles until repairs are completed. Owners will be instructed to contact their Mazda dealer to have their driver and passenger frontal air bag inflators replaced with permanent remedy parts. The repair will be performed free of charge to vehicle owners.

How Remedy Component Differs from Recalled Component : Recalled Parts Name: Air bag inflator manufactured by Takata. Part number: 1FTT-57K00. The remedy part is an air bag inflator manufactured by a different parts supplier and confirmed to be free from phase-stabilized ammonium nitrate.

Identify How/When Recall Condition was Corrected in Production : NR

Recall Schedule :

Description of Recall Schedule : [Update on February 9, 2018]: Mazda plans to notify dealers on February 12, 2018 and begin contacting owners by telephone and alternative methods beginning the week of February 12, 2018. Mailing of owner notifications is planned to be completed as soon as possible, but no later than February 16, 2018.

[Initial submission January 16, 2018]: Mazda plans to notify dealers on January 16, 2018 and begin contacting owners by telephone and alternative methods on January 16, 2018. Mailing of owner notifications

is planned to be completed as soon as possible, but no later than January 19, 2018.

Planned Dealer Notification Date : FEB 12, 2018 - FEB 12, 2018

Planned Owner Notification Date : FEB 16, 2018 - FEB 16, 2018

* NR - Not Reported