

Part 573 Safety Recall Report

18V-402

Manufacturer Name : Mazda North American Operations**Submission Date :** MAR 16, 2023**NHTSA Recall No. :** 18V-402**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 : 308,591

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2003-2008 Mazda Mazda6

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : These vehicles have been registered in zone A as defined by Takata's DIR #1 filing (Reference #16E042). Plant information; Hofu plant of Mazda Motor Corporation in Japan.

Production Dates : MAY 29, 2002 - MAY 05, 2008

| | | |
|---|-------------------------|---|
| VIN Range 1 : Begin : 1YVHP81C335M00030 | End : 1YVFP80D035M57075 | <input type="checkbox"/> Not sequential |
| VIN Range 2 : Begin : 1YVFP80C345N02308 | End : 1YVFP80D545N99312 | <input type="checkbox"/> Not sequential |
| VIN Range 3 : Begin : 1YVFP80C055M00014 | End : 1YVHP80C355M77517 | <input type="checkbox"/> Not sequential |
| VIN Range 4 : Begin : 1YVHP80CX65M00001 | End : 1YVHP84DX65M71489 | <input type="checkbox"/> Not sequential |
| VIN Range 5 : Begin : 1YVHP82D375M00011 | End : 1YVHP81D775M64487 | <input type="checkbox"/> Not sequential |
| VIN Range 6 : Begin : 1YVHP81C785M00006 | End : 1YVHP80C385M48992 | <input type="checkbox"/> Not sequential |

Vehicle 2 : 2003-2008 Mazda Mazda6

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : These vehicles have been registered in zone B as defined by Takata's DIR #1 filing (Reference #16E043). Plant information; Hofu plant of Mazda Motor Corporation in Japan.

Production Dates : AUG 02, 2002 - MAY 05, 2008

| | | |
|---|-------------------------|---|
| VIN Range 1 : Begin : 1YVFP80C235M00223 | End : 1YVFP80D235M57076 | <input type="checkbox"/> Not sequential |
| VIN Range 2 : Begin : 1YVHP84D745N07443 | End : 1YVFP80C245N99310 | <input type="checkbox"/> Not sequential |
| VIN Range 3 : Begin : 1YVHP82D655M00047 | End : 1YVHP80C455M77526 | <input type="checkbox"/> Not sequential |
| VIN Range 4 : Begin : 1YVFP80C965M00028 | End : 1YVHP84D665M71473 | <input type="checkbox"/> Not sequential |
| VIN Range 5 : Begin : 1YVHP85C075M00020 | End : 1YVHP80C475M64441 | <input type="checkbox"/> Not sequential |
| VIN Range 6 : Begin : 1YVHP84D985M00013 | End : 1YVHP80C185M48991 | <input type="checkbox"/> Not sequential |

Vehicle 3 : 2006-2007 Mazda Mazdaspeed6

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : These vehicles have been registered in zone A as defined by Takata's DIR #1 filing (Reference #16E042). Plant information; Hofu plant of Mazda Motor Corporation in Japan.

Production Dates : JUL 01, 2005 - JUN 29, 2007

| | | |
|---|-------------------------|---|
| VIN Range 1 : Begin : JM1GG12L561100072 | End : JM1GG12L261108050 | <input type="checkbox"/> Not sequential |
| VIN Range 2 : Begin : JM1GG12LX71108055 | End : JM1GG12LX71110744 | <input type="checkbox"/> Not sequential |

Vehicle 4 : 2004-2006 Mazda MPV

Vehicle Type : LIGHT VEHICLES

Body Style : STATIONWAGON

Power Train : GAS

Descriptive Information : These vehicles have been registered in zone A as defined by Takata's DIR #1 filing (Reference #16E042). Plant information; Hiroshima plant of Mazda Motor Corporation in Japan.

Production Dates : AUG 20, 2003 - APR 28, 2006

| | | |
|---|-------------------------|---|
| VIN Range 1 : Begin : JM3LW28J740500013 | End : JM3LW28A840531898 | <input type="checkbox"/> Not sequential |
| VIN Range 2 : Begin : JM3LW28A250531901 | End : JM3LW28A850556589 | <input type="checkbox"/> Not sequential |
| VIN Range 3 : Begin : JM3LW28A960556764 | End : JM3LW28A660571741 | <input type="checkbox"/> Not sequential |

Vehicle 5 : 2004-2011 Mazda RX-8

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : (Amendment 5) Recall population determined by production records of vehicles not yet remedied under 16V354. These vehicles have moved from 16V354 to recall 18V402.

MY/Make/Model: MY 2004 through 2011 Mazda RX-8: 39,120 units.

Production Dates : APR 10, 2003 - MAY 16, 2011

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|-----------------------|-------------------|-------|-------------------|---|
| VIN Range 1 : Begin : | JM1FE173640100059 | End : | JM1FE17NX40140890 | <input type="checkbox"/> Not sequential |
| VIN Range 2 : Begin : | JM1FE173350140892 | End : | JM1FE173550161176 | <input type="checkbox"/> Not sequential |
| VIN Range 3 : Begin : | JM1FE173960200014 | End : | JM1FE173660207468 | <input type="checkbox"/> Not sequential |
| VIN Range 4 : Begin : | JM1FE173870207473 | End : | JM1FE173770214009 | <input type="checkbox"/> Not sequential |
| VIN Range 5 : Begin : | JM1FE173580214012 | End : | JM1FE173380216616 | <input type="checkbox"/> Not sequential |
| VIN Range 6 : Begin : | JM1FE17P190400036 | End : | JM1FE17P190403390 | <input type="checkbox"/> Not sequential |
| VIN Range 7 : Begin : | JM1FE1CM2A0403432 | End : | JM1FE1C20A0404819 | <input type="checkbox"/> Not sequential |
| VIN Range 8 : Begin : | JM1FE1S26B0404875 | End : | JM1FE1T27B0405726 | <input type="checkbox"/> Not sequential |

Vehicle 6 : 2004-2006 Mazda MPV

Vehicle Type : LIGHT VEHICLES

Body Style : STATIONWAGON

Power Train : GAS

Descriptive Information : These vehicles have been registered in zone B as defined by Takata's DIR #1 filing (Reference #16E043). Plant information; Hofu plant of Mazda Motor Corporation in Japan.

Production Dates : AUG 21, 2002 - APR 28, 2008

| | | | | |
|-----------------------|-------------------|-------|-------------------|---|
| VIN Range 1 : Begin : | JM3LW28AX50531905 | End : | JM3LW28A450556296 | <input type="checkbox"/> Not sequential |
| VIN Range 2 : Begin : | JM3LW28J460556770 | End : | JM3LW28JX60571743 | <input type="checkbox"/> Not sequential |
| VIN Range 3 : Begin : | JM3LW28J340500025 | End : | JM3LW28J740531892 | <input type="checkbox"/> Not sequential |

Vehicle 7 : 2003-2008 Mazda Mazda6

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : These vehicles have been registered in zone C as defined by Takata's DIR #1 filing (Reference #16E044). Plant information; Hofu plant of Mazda Motor Corporation in Japan.

Production Dates : AUG 08, 2002 - MAY 05, 2008

VIN Range 1 : Begin : 1YVFP80C035M00222 End : 1YVFP80D135M57067 Not sequential

VIN Range 2 : Begin : 1YVHP84C245N07440 End : 1YVFP80C845N99294 Not sequential

VIN Range 3 : Begin : 1YVHP82DX55M00049 End : 1YVHP80C355M77534 Not sequential

VIN Range 4 : Begin : 1YVHP84C865M00038 End : 1YVHP84D565M71495 Not sequential

VIN Range 5 : Begin : 1YVHP84C275M00005 End : 1YVHP81D975M64488 Not sequential

VIN Range 6 : Begin : 1YVHP84C285M00023 End : 1YVHP80C085M48884 Not sequential

Vehicle 8 : 2006-2007 Mazda Mazdaspeed6

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : These vehicles have been registered in zone C as defined by Takata's DIR #1 filing (Reference #16E044). Plant information; Hofu plant of Mazda Motor Corporation in Japan.

Production Dates : AUG 05, 2005 - JUN 28, 2007

VIN Range 1 : Begin : JM1GG12L361100071 End : JM1GG12LX61108040 Not sequential

VIN Range 2 : Begin : JM1GG12L471108052 End : JM1GG12L471110738 Not sequential

Vehicle 9 : 2004-2004 Mazda MPV

Vehicle Type : LIGHT VEHICLES

Body Style : STATIONWAGON

Power Train : GAS

Descriptive Information : These vehicles have been registered in zone C as defined by Takata's DIR #1 filing (Reference #16E044). Plant information; Hofu plant of Mazda Motor Corporation in Japan.

Production Dates : AUG 20, 2003 - JUL 30, 2004

VIN Range 1 : Begin : JM3LW28J940500014 End : JM3LW28J340531890 Not sequential

Vehicle 10 : 2006-2007 Mazda Mazdaspeed6

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : These vehicles have been registered in zone B as defined by Takata's DIR #1 filing (Reference #16E043). Plant information; Hofu plant of Mazda Motor Corporation in Japan.

Production Dates : AUG 04, 2005 - JUN 29, 2007

VIN Range 1 : Begin : JM1GG12L961100057 End : JM1GG12L461108051

Not sequential

VIN Range 2 : Begin : JM1GG12L671108098 End : JM1GG12L171110745

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, 16V354, using desiccated phase-stabilized ammonium nitrate ("PSAN") based propellant, has been closed simultaneously.

June 24, 2019, This amendment is to move unrepaired MY 2004-2011 RX-8 vehicles from 16V354 to recall 18V402 because permanent remedy parts for RX-8 have become available. Accordingly, 16V354 will be closed as all subject vehicles have been remedied by use of the air bag inflator consisting of desiccated PSAN propellant. Updated July 2, 2018: MY 2004-2011 RX-8 models have been temporarily removed from 18V402 due to permanent remedy parts delays but will remain open in recall 16V354 (Mazda recall 9416E) using final remedy parts.

June 15, 2018: This submission is to replace existing recall 16V354 originally submitted on May 25, 2016 to manage recall action properly. On 16V354, the remedy was to replace the frontal passenger side air bag inflator with a Takata manufactured air bag inflator, PSPI-D, using desiccated phase-stabilized ammonium nitrate ("PSAN"). At present, an alternative air bag inflator using a non-PSAN based propellant will become available in the field. This new recall covers vehicles not yet repaired under 16V354. The improved air bag inflator is considered a permanent part and will be manufactured for the remedy on the remaining unrepaired vehicles. Following submission of this recall, Mazda intends to close 16V354 with the repaired vehicles covered.

. This airbag inflator may potentially rupture during passenger side airbag 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 occurs

Identification of Any Warning
that can Occur : NR

in some of the subject inflators 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.

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 District of Columbia 20006

Country : United States

Chronology :

(See the attached Chronology.pdf for preceding chronological events.)

Updated July 27 2020 – This amendment is to inform of Mazda’s intent to implement the “other” reporting category for removed vehicles in Quarterly Reporting as permitted in the Third Amendment to the Coordinated Remedy Order (“ACRO”), Paragraphs 45 through 49. As a condition of the ACRO, all affected vehicles will remain active, or “live”, across Mazda’s data systems such that any search of “other” removed VINs will return an open recall status. For this reason, the Number of potentially involved vehicles in this report will remain the same. However, for reference, initial counts of vehicles in the “other” reporting category are indicated in attached supplement. Note that these counts are current as of the second calendar quarter 2020. Future changes to overall Total Removed counts, including “Other,” will be reflected in quarterly reporting as well as monthly dashboard reporting until otherwise directed by the agency.

March 16, 2023 - Amending P573 to include NHTSA approved counts for accountability completions. Refer to Miscellaneous document and corresponding table of applicable models and counts.

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.

How Remedy Component Differs from Recalled Component : Recalled Parts Name: Air bag inflator manufactured by Takata. Part number: FE01 57K70, FE15 57K70, FE875 57K70, F1515 57K70, LE43 57K70, GJ6A 57K70, GJ8A 57K70, GP9A 57K70 .
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 : Notification to dealers is expected to occur on June 21, 2019. Mailing of owner notification letters is expected to be completed on or before July 9, 2019.

Planned Dealer Notification Date : JUN 21, 2019 - JUN 21, 2019

Planned Owner Notification Date : JUL 09, 2019 - JUL 09, 2019

* NR - Not Reported