

# Part 573 Safety Recall Report

# 16V-354

**Manufacturer Name :** Mazda North American Operations**Submission Date :** DEC 04, 2017**NHTSA Recall No. :** 16V-354**Manufacturer Recall No. :** 9416E**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 : 448,332

Estimated percentage with defect : 1 %

**Vehicle Information :**

Vehicle 1 : 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 in the DIR of May 16, 2016.

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  Not sequentialVIN Range 2 : Begin : JM3LW28A050531900 End : JM3LW28A850556589  Not sequentialVIN Range 3 : Begin : JM3LW28A960556764 End : JM3LW28A760571747  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 A as defined by Takata in the DIR of May 16, 2016.

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  Not sequentialVIN Range 2 : Begin : 1YVFP80C345N02308 End : 1YVFP80D545N99312  Not sequentialVIN Range 3 : Begin : 1YVFP80C055M00014 End : 1YVHP80C355M77517  Not sequentialVIN Range 4 : Begin : 1YVHP80CX65M00001 End : 1YVHP84DX65M71489  Not sequentialVIN Range 5 : Begin : 1YVHP82D375M00011 End : 1YVHP81D775M64487  Not sequentialVIN Range 6 : Begin : 1YVHP81C785M00006 End : 1YVHP80C985M48995  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 in the DIR of May 16, 2016.

Plant information; Hofu plant of Mazda Motor Corporation in Japan.

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

VIN Range 1 : Begin : JM1GG12L151100021 End : JM1GG12L851100033  Not sequential

VIN Range 2 : Begin : JM1GG12L761100056 End : JM1GG12L261108050  Not sequential

VIN Range 3 : Begin : JM1GG12L671108053 End : JM1GG12LX71110744  Not sequential

Vehicle 4 : 2004-2011 Mazda RX-8

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 in the DIR of May 16, 2016.

Plant information; Hiroshima plant of Mazda Motor Corporation in Japan.

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

VIN Range 1 : Begin : JM1FE173540100053 End : JM1FE173340140891  Not sequential

VIN Range 2 : Begin : JM1FE17N350140893 End : JM1FE173950161178  Not sequential

VIN Range 3 : Begin : JM1FE173760200013 End : JM1FE173660207471  Not sequential

VIN Range 4 : Begin : JM1FE173870207473 End : JM1FE173570214011  Not sequential

VIN Range 5 : Begin : JM1FE173580214012 End : JM1FE173580216603  Not sequential

VIN Range 6 : Begin : JM1FE17M590400031 End : JM1FE174290403405  Not sequential

VIN Range 7 : Begin : JM1FE1CP0A0403407 End : JM1FE1C40A0404868  Not sequential

VIN Range 8 : Begin : JM1FE1SP6B0404869 End : JM1FE1T27B0405726  Not sequential

Vehicle 5 : 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 in the DIR of May 16, 2016.

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  Not sequential

VIN Range 2 : Begin : 1YVHP84D745N07443 End : 1YVFP80C245N99310  Not sequential

VIN Range 3 : Begin : 1YVHP82D455M00046 End : 1YVHP80C555M77535  Not sequential

VIN Range 4 : Begin : 1YVFP80C965M00028 End : 1YVHP84D865M71474  Not sequential

VIN Range 5 : Begin : 1YVHP85C075M00020 End : 1YVHP85D275M64486  Not sequential

VIN Range 6 : Begin : 1YVHP84C385M00001 End : 1YVHP80C185M48991  Not sequential

Vehicle 6 : 2004-2004 Mazda RX-8  
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 in the DIR of May 16, 2016.  
Plant information; Hiroshima plant of Mazda Motor Corporation in Japan.

Production Dates : APR 10, 2003 - JUN 30, 2004

VIN Range 1 : Begin : JM1FE17N240100061 End : JM1FE17N340140889  Not sequential

Vehicle 7 : 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 in the DIR of May 16, 2016.  
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 : JM1GG12L971108077 End : JM1GG12L371110746  Not sequential

Vehicle 8 : 2004-2008 Mazda RX-8  
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 in the DIR of May 16, 2016.  
Plant information; Hiroshima plant of Mazda Motor Corporation in Japan.

Production Dates : APR 10, 2003 - FEB 18, 2008

VIN Range 1 : Begin : JM1FE173140100065 End : JM1FE173340140888  Not sequential

VIN Range 2 : Begin : JM1FE173350140892 End : JM1FE173850161172  Not sequential

VIN Range 3 : Begin : JM1FE173960200014 End : JM1FE173460207467  Not sequential

VIN Range 4 : Begin : JM1FE173170207475 End : JM1FE173270214001  Not sequential

VIN Range 5 : Begin : JM1FE173680214021 End : JM1FE173980216619  Not sequential

Vehicle 9 : 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 in the DIR of May 16, 2016.  
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	<input type="checkbox"/> Not sequential
VIN Range 2 : Begin : 1YVHP84C245N07440	End : 1YVFP80C845N99294	<input type="checkbox"/> Not sequential
VIN Range 3 : Begin : 1YVHP82DX55M00049	End : 1YVHP80C355M77534	<input type="checkbox"/> Not sequential
VIN Range 4 : Begin : 1YVHP84C865M00038	End : 1YVHP84D965M71497	<input type="checkbox"/> Not sequential
VIN Range 5 : Begin : 1YVHP84C275M00005	End : 1YVHP81D075M64489	<input type="checkbox"/> Not sequential
VIN Range 6 : Begin : 1YVHP81C985M00007	End : 1YVHP80C985M48916	<input type="checkbox"/> Not sequential

Vehicle 10 : 2004-2004 Mazda MPV

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 in the DIR of May 16, 2016.

Plant information; Hiroshima plant of Mazda Motor Corporation in Japan.

Production Dates : AUG 20, 2003 - AUG 02, 2004

VIN Range 1 : Begin : JM3LW28J940500014	End : JM3LW28J640531897	<input type="checkbox"/> Not sequential
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Vehicle 11 : 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 in the DIR of May 16, 2016.

Plant information; Hofu plant of Mazda Motor Corporation in Japan.

Production Dates : AUG 04, 2005 - JUN 28, 2007

VIN Range 1 : Begin : JM1GG12L661100064	End : JM1GG12L361108042	<input type="checkbox"/> Not sequential
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VIN Range 2 : Begin : JM1GG12L471108052	End : JM1GG12L471110738	<input type="checkbox"/> Not sequential
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Vehicle 12 : 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 in the DIR of May 16, 2016.

Plant information; Hiroshima plant of Mazda Motor Corporation in Japan.

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

VIN Range 1 : Begin : JM3LW28J640500021	End : JM3LW28J740531892	<input type="checkbox"/> Not sequential
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VIN Range 2 : Begin : JM3LW28AX50531905	End : JM3LW28J450556315	<input type="checkbox"/> Not sequential
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VIN Range 3 : Begin : JM3LW28A860556769	End : JM3LW28JX60571743	<input type="checkbox"/> Not sequential
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**Description of Defect :**

Description of the Defect : Updated May 10, 2017 – This submission 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 2017. Future changes to overall Total Removed counts, including “Other,” will be reflected in quarterly reporting.

On May 4, 2016, NHTSA and Takata came to agreement that all the non-desiccated frontal Takata PSAN (Phase-stabilized ammonium nitrate-based propellant) inflators that have not previously been subject to recall in the U.S should be treated as being involved with recall. Therefore, on May 16, 2016, Takata submitted the Defect Information Report #1 to NHTSA on the non-desiccated frontal PSAN inflators. As a part of them, PSPI inflator is affected with the DIR#1 and the following Mazda models are equipped with PSPI inflator and a part of them have not been subject coverage under the existing recall. MY 2004-2011 RX-8 and MY 2004-2006 MPV in zone A, MY 2004-2008 RX-8 and MY 2004-2006 MPV in zone B, MY 2004 RX-8 and MY 2004 MPV in zone C. 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 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.

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 Washingto  
12-31 Akasaka 2-chome Minato-ku, in Japa WASHINGTON 200006  
Country : United States

**Chronology :**

Updated on August 24, 2016: An additional twelve (12) unrepaired vehicles in 15V869 were found and moved into 16V354. Therefore, the total volume was revised from 448,320 to 448,332. Further, the zone spreadsheet has also been revised to reflect the current total volume.

On May 4, 2016; NHTSA and Takata reached consensus on necessitating recall action that all the non-desiccated frontal Takata PSAN inflators that have not previously been subject to recall in the U.S.

On May 16, 2016; In accordance with the amendment to the consent order, Takata submitted Defect Information Report #1 to NHTSA.

On May 17, 2016; Takata explained the content of DIR and its influence on Mazda's model to Mazda.

On May 18, 2016; Based on DIR#1 submitted by Takata, Mazda held a Quality Audit Committee and decided to conduct a recall campaign regarding the passenger side airbag inflator on MY 2004-2011 RX-8 and MY 2004-2006 MPV in zone A, MY 2004-2008 RX-8 and MY 2004-2006 MPV in zone B, MY 2004 RX-8 and MY 2004 MPV in zone C that have not ever been subject under the existing recalls.

**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 airbag inflator. The repair will be performed free of charge to the vehicle owners.

How Remedy Component Differs from Recalled Component : NR

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

**Recall Schedule :**

Description of Recall Schedule : Mazda has already notified dealers and vehicle owner of this recall campaign and launched repair, replacing frontal passenger side air bag inflator.

Planned Dealer Notification Date : JUL 19, 2016 - JUL 19, 2016

Planned Owner Notification Date : JUL 19, 2016 - JUL 23, 2016

\* NR - Not Reported