

# Part 573 Safety Recall Report

# 16V-354

**Manufacturer Name :** Mazda North American Operations**Submission Date :** MAY 25, 2016**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 : 495,348

Estimated percentage with defect : NR

**Vehicle Information :**

Vehicle 1 : 2004-2011 Mazda RX-8

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : These vehicles are 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	<input type="checkbox"/> Not sequential
VIN Range 2 : Begin :	JM1FE17N350140893	End :	JM1FE173950161178	<input type="checkbox"/> Not sequential
VIN Range 3 : Begin :	JM1FE173760200013	End :	JM1FE173660207471	<input type="checkbox"/> Not sequential
VIN Range 4 : Begin :	JM1FE173870207473	End :	JM1FE173570214011	<input type="checkbox"/> Not sequential
VIN Range 5 : Begin :	JM1FE173580214012	End :	JM1FE173980216619	<input type="checkbox"/> Not sequential
VIN Range 6 : Begin :	JM1FE17M590400031	End :	JM1FE174290403405	<input type="checkbox"/> Not sequential
VIN Range 7 : Begin :	JM1FE1CP9A0403406	End :	JM1FE1C40A0404868	<input type="checkbox"/> Not sequential
VIN Range 8 : Begin :	JM1FE1SP6B0404869	End :	JM1FE1T27B0405726	<input type="checkbox"/> Not sequential

Vehicle 2 : 2004-2006 Mazda MPV

Vehicle Type : LIGHT VEHICLES

Body Style : STATIONWAGON

Power Train : GAS

Descriptive Information : These vehicles are 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 21, 2003 - APR 28, 2006

VIN Range 1 : Begin : JM3LW28A740500027 End : JM3LW28A840531898  Not sequential

VIN Range 2 : Begin : JM3LW28A250530070 End : JM3LW28A850556589  Not sequential

VIN Range 3 : Begin : JM3LW28A960556764 End : JM3LW28A760571747  Not sequential

Vehicle 3 : 2004-2008 Mazda RX-8

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : These vehicles are 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 24, 2003 - FEB 15, 2008

VIN Range 1 : Begin : JM1FE173540100067 End : JM1FE173640140884  Not sequential

VIN Range 2 : Begin : JM1FE173350140892 End : JM1FE17NX50161174  Not sequential

VIN Range 3 : Begin : JM1FE173360200025 End : JM1FE173460207467  Not sequential

VIN Range 4 : Begin : JM1FE173170207492 End : JM1FE173770214009  Not sequential

VIN Range 5 : Begin : JM1FE173680214018 End : JM1FE173780216618  Not sequential

Vehicle 4 : 2004-2006 Mazda MPV

Vehicle Type : LIGHT VEHICLES

Body Style : STATIONWAGON

Power Train : GAS

Descriptive Information : These vehicles are 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 : JM3LW28J540531891  Not sequential

VIN Range 2 : Begin : JM3LW28AX50531905 End : JM3LW28JX50556304  Not sequential

VIN Range 3 : Begin : JM3LW28A660556771 End : JM3LW28A860571742  Not sequential

Vehicle 5 : 2004-2004 Mazda RX-8

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : These vehicles are 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 25, 2003 - JUN 30, 2004

VIN Range 1 : Begin : JM1FE173X40100467 End : JM1FE17N340140889  Not sequential

Vehicle 6 : 2004-2004 Mazda MPV

Vehicle Type : LIGHT VEHICLES

Body Style : STATIONWAGON

Power Train : GAS

Descriptive Information : These vehicles are 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  Not sequential

Vehicle 7 : 2004-2005 Mazda RX-8

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : These vehicles are moved from 14V773 as interim remedy to have permanent remedy.

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

Production Dates : APR 10, 2003 - AUG 18, 2004

VIN Range 1 : Begin : JM1FE173240100060 End : JM1FE173240140879  Not sequential

VIN Range 2 : Begin : JM1FE17N140100116 End : JM1FE17N140140874  Not sequential

VIN Range 3 : Begin : JM1FE173450140898 End : JM1FE173050143894  Not sequential

VIN Range 4 : Begin : JM1FE17N750140895 End : JM1FE17N050143895  Not sequential

Vehicle 8 : 2004-2005 Mazda MPV

Vehicle Type : LIGHT VEHICLES

Body Style : STATIONWAGON

Power Train : GAS

Descriptive Information : These vehicles are moved from 14V773 as interim remedy to have permanent remedy.

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

Production Dates : AUG 20, 2003 - AUG 27, 2004

VIN Range 1 : Begin : JM3LW28A850531899 End : JM3LW28A650533456  Not sequential

VIN Range 2 : Begin : JM3LW28J950531913 End : JM3LW28JX50533802  Not sequential

VIN Range 3 : Begin : JM3LW28A240500016 End : JM3LW28A840531884  Not sequential

VIN Range 4 : Begin : JM3LW28J740500013 End : JM3LW28J440531896  Not sequential

Vehicle 9 : 2003-2008 Mazda Mazda6

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : These vehicles are moved from 15V869 as interim remedy to have permanent remedy.

Plant information; Auto Alliance, Inc. Flat Rock, Michigan.

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

VIN Range 1 : Begin : 1YVFP80C735M00220 End : 1YVFP80D435M57077  Not sequential

VIN Range 2 : Begin : 1YVFP80C745N07463 End : 1YVFP80D545N99312  Not sequential

VIN Range 3 : Begin : 1YVFP80C055M00014 End : 1YVFP80C355M76942  Not sequential

VIN Range 4 : Begin : 1YVFP80C965M00028 End : 1YVFP80C465M71248  Not sequential

VIN Range 5 : Begin : 1YVHP81C335M00030 End : 1YVHP80D735M55980  Not sequential

VIN Range 6 : Begin : 1YVHP82D245N07451 End : 1YVHP80C145N99307  Not sequential

VIN Range 7 : Begin : 1YVHP80D055M00015 End : 1YVHP80C555M77535  Not sequential

VIN Range 8 : Begin : 1YVHP84CX65M00008 End : 1YVHP84D065M71498  Not sequential

VIN Range 9 : Begin : 1YVHP84C275M00005 End : 1YVHP81D075M64489  Not sequential

VIN Range 10 : Begin : 1YVHP81C785M00006 End : 1YVHP80C985M48995  Not sequential

Vehicle 10 : 2006-2007 Mazda Mazsaspeed6

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : These vehicles are moved from 15V869 as interim remedy to have permanent remedy.

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

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

VIN Range 1 : Begin : JM1GG12L761100056 End : JM1GG12L461108051  Not sequential

VIN Range 2 : Begin : JM1GG12L471108052 End : JM1GG12L371110746  Not sequential

Vehicle 11 : 2004-2004 Mazda RX-8

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : These vehicles are moved from 15V869 as interim remedy to have permanent remedy.

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

Production Dates : JUN 25, 2003 - JUN 30, 2003

VIN Range 1 : Begin : JM1FE17N340106452 End : JM1FE173640107142  Not sequential

## Description of Defect :

Description of the Defect : 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 :

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 : A draft of the planned owner letter will be provided when it becomes available.

Planned Dealer Notification Date : JUL 08, 2016 - JUL 08, 2016

Planned Owner Notification Date : JUL 15, 2016 - JUL 15, 2016

\* NR - Not Reported