

# Part 573 Safety Recall Report

# 16V-354

**Manufacturer Name :** Mazda North American Operations**Submission Date :** JUL 18, 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 : 448,320

Estimated percentage with defect : NR

**Vehicle Information :**

Vehicle 1 : 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 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 : JM3LW28AX40500037 End : JM3LW28A840531898  Not sequentialVIN Range 2 : Begin : JM3LW28A150531954 End : JM3LW28A850556589  Not sequentialVIN 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 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 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 : JM3LW28J740531892  Not sequential

VIN Range 2 : Begin : JM3LW28AX50531905 End : JM3LW28J450556315  Not sequential

VIN Range 3 : Begin : JM3LW28A860556769 End : JM3LW28JX60571743  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 10, 2003 - JUN 30, 2004

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

Vehicle 6 : 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 :	JM1FE173580216603	<input type="checkbox"/> Not sequential
VIN Range 6 : Begin :	JM1FE17M590400031	End :	JM1FE174290403405	<input type="checkbox"/> Not sequential
VIN Range 7 : Begin :	JM1FE1CP0A0403407	End :	JM1FE1C40A0404868	<input type="checkbox"/> Not sequential
VIN Range 8 : Begin :	JM1FE1SP6B0404869	End :	JM1FE1T27B0405726	<input type="checkbox"/> 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 and also 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 - AUG 18, 2004

VIN Range 1 : Begin :	JM1FE173240100060	End :	JM1FE173040140878	<input type="checkbox"/> Not sequential
VIN Range 2 : Begin :	JM1FE17N750140895	End :	JM1FE17N050143895	<input type="checkbox"/> 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 and also 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 - AUG 27, 2004

VIN Range 1 : Begin :	JM3LW28J740500013	End :	JM3LW28J440531896	<input type="checkbox"/> Not sequential
VIN Range 2 : Begin :	JM3LW28A050531900	End :	JM3LW28J350533799	<input type="checkbox"/> Not sequential

Vehicle 9 : 2004-2004 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 and also 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 : MAY 26, 2003 - JUN 01, 2006

VIN Range 1 : Begin : JM1FE173940101285 End : JM1FE173X40139754  Not sequential

Vehicle 10 : 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 and also 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 : SEP 03, 2003 - AUG 18, 2004

VIN Range 1 : Begin : JM3LW28A740500593 End : JM3LW28AX40528016  Not sequential

VIN Range 2 : Begin : JM3LW28A750532008 End : JM3LW28A750532946  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 14V773 as interim remedy to have permanent remedy and also 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 : JUL 02, 2003 - JAN 27, 2004

VIN Range 1 : Begin : JM1FE173X40107502 End : JM1FE173140131428  Not sequential

Vehicle 12 : 2004-2004 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 and also 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 : SEP 09, 2003 - JUN 08, 2004

VIN Range 1 : Begin : JM3LW28J240501781 End : JM3LW28AX40528551  Not sequential

Vehicle 13 : 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 and also have been registered in zone A as defined by Takata in the DIR of May 16, 2016.  
Plant information; Auto Alliance, Inc. Flat Rock, Michigan.

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

VIN Range 1 : Begin : 1YVFP80C735M00220	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 : 1YVFP80C355M76942	<input type="checkbox"/> Not sequential
VIN Range 4 : Begin : 1YVFP80C865M00408	End : 1YVFP80C865M71219	<input type="checkbox"/> Not sequential
VIN Range 5 : Begin : 1YVHP81C335M00030	End : 1YVHP80C435M54597	<input type="checkbox"/> Not sequential
VIN Range 6 : Begin : 1YVHP84C445N05088	End : 1YVHP80D845N99264	<input type="checkbox"/> Not sequential
VIN Range 7 : Begin : 1YVHP80D055M00015	End : 1YVHP80C355M77517	<input type="checkbox"/> Not sequential
VIN Range 8 : Begin : 1YVHP80CX65M00001	End : 1YVHP84DX65M71489	<input type="checkbox"/> Not sequential
VIN Range 9 : Begin : 1YVHP82D375M00011	End : 1YVHP81D775M64487	<input type="checkbox"/> Not sequential
VIN Range 10 : Begin : 1YVHP81C785M00006	End : 1YVHP80C985M48995	<input type="checkbox"/> Not sequential

Vehicle 14 : 2006-2007 Mazda Mazdaspeed6  
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 and also 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 : AUG 04, 2005 - JUN 29, 2007

VIN Range 1 : Begin : JM1GG12L761100056 End : JM1GG12L261108050  Not sequential  
VIN Range 2 : Begin : JM1GG12L671108053 End : JM1GG12LX71110744  Not sequential

Vehicle 15 : 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 and also 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 : JUN 25, 2003 - JUN 30, 2003

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

Vehicle 16 : 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 and also have been registered in zone B as defined by Takata in the DIR of May 16, 2016.

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

Production Dates : AUG 02, 2002 - MAY 05, 2005

VIN Range 1 : Begin : 1YVFP80C235M00223 End : 1YVFP80D235M57076  Not sequential

VIN Range 2 : Begin : 1YVFP80CX45N07571 End : 1YVFP80C245N99310  Not sequential

VIN Range 3 : Begin : 1YVFP80C755M00088 End : 1YVFP80C855M76936  Not sequential

VIN Range 4 : Begin : 1YVFP80C965M00028 End : 1YVFP80C965M71245  Not sequential

VIN Range 5 : Begin : 1YVHP80C935M00258 End : 1YVHP80D735M55980  Not sequential

VIN Range 6 : Begin : 1YVHP84D745N07443 End : 1YVHP80C145N99307  Not sequential

VIN Range 7 : Begin : 1YVHP82D455M00046 End : 1YVHP80C555M77535  Not sequential

VIN Range 8 : Begin : 1YVHP82D865M00035 End : 1YVHP84D865M71474  Not sequential

VIN Range 9 : Begin : 1YVHP85C075M00020 End : 1YVHP85D275M64486  Not sequential

VIN Range 10 : Begin : 1YVHP84C385M00001 End : 1YVHP80C185M48991  Not sequential

Vehicle 17 : 2006-2007 Mazda Mazdaspeed6

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 and also 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 18 : 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 and also 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 : JUN 25, 2003 - JUN 25, 2003

VIN Range 1 : Begin : JM1FE173040106486 End : JM1FE173240106568  Not sequential

Vehicle 19 : 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 and also have been registered in zone C as defined by Takata in the DIR of May 16, 2016.

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

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

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

VIN Range 2 : Begin : 1YVFP80C245N07631 End : 1YVFP80C845N99294  Not sequential

VIN Range 3 : Begin : 1YVFP80C855M01184 End : 1YVFP80CX55M76744  Not sequential

VIN Range 4 : Begin : 1YVFP80C465M00406 End : 1YVFP80C465M71248  Not sequential

VIN Range 5 : Begin : 1YVHP80C835M00252 End : 1YVHP80DX35M54161  Not sequential

VIN Range 6 : Begin : 1YVHP84C245N07440 End : 1YVHP80D145N99073  Not sequential

VIN Range 7 : Begin : 1YVHP82DX55M00049 End : 1YVHP80C355M77534  Not sequential

VIN Range 8 : Begin : 1YVHP84C865M00038 End : 1YVHP84D965M71497  Not sequential

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

VIN Range 10 : Begin : 1YVHP81C985M00007 End : 1YVHP80C985M48916  Not sequential

Vehicle 20 : 2006-2007 Mazda Mazdaspeed6

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 and also 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  Not sequential

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

Vehicle 21 : 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 and also 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 :** JUN 25, 2003 - JUN 25, 2003

**VIN Range 1 : Begin :** JM1FE173840106459 **End :** JM1FE173840106459  Not sequential

## Description of Defect :

**Description of the Defect :** Updated on July 19, 2016; Vehicles not repaired under 15V869 (including MY 2003-2008 Mazda6, MY 2004 RX-8, and MY 2006-2007 Mazdaspeed6) and under 14V773 (including MY 2004-2005 MPV and MY 2004-2005 RX-8) were carried over into 16V354. Mazda closed 15V869 and 14V773. It was also found that there are duplicated VINs in 16V354 and some vehicles have been replaced with like-for like replacement parts under 14V773/15V869. Mazda has corrected the vehicle volumes. Updated on June 10, 2016; Mazda has confirmed the historical registration area of the subject vehicles on this recall. As a result of that, Mazda is updating the VIN range and production period on each model. Accordingly, the total volume is 474,026.

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



Identification of Any Warning  
that can Occur : NR

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.

## 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 : NR

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

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

\* NR - Not Reported