

Part 573 Safety Recall Report**15V-345****Manufacturer Name :** Mazda North American Operations**Submission Date :** JUN 04,2015**NHTSA Recall No. :** 15V-345**Manufacturer Recall No. :** 8215F**Manufacturer Information :**

Manufacturer Name : Mazda North American Operations

Address : 1025 Connecticut Avenue, NW

Suite 910 Washington DC 20036

Company phone : 248-295-7859

Population :

Number of potentially involved : 444,907

Estimated percentage with defect : 0

Vehicle Information :

Vehicle : 2003-2008 Mazda Mazda6

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Plant information; Auto Alliance International, Inc. Flat Rock, Michigan

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

VIN (Vehicle Identification Number) Range

Begin : 1YVFP80C735M00220	End : 1YVFP80C935M56997	<input type="checkbox"/> Not sequential VINs
Begin : 1YVFP80D935M00227	End : 1YVFP80D435M57077	<input type="checkbox"/> Not sequential VINs
Begin : 1YVFP80CX45N01219	End : 1YVFP80C245N99310	<input type="checkbox"/> Not sequential VINs
Begin : 1YVFP80D445N04304	End : 1YVFP80D545N99312	<input type="checkbox"/> Not sequential VINs
Begin : 1YVFP80C255M00001	End : 1YVFP80C355M76942	<input type="checkbox"/> Not sequential VINs
Begin : 1YVFP84D355M00043	End : 1YVFP82D355M00045	<input type="checkbox"/> Not sequential VINs
Begin : 1YVFP80C965M00028	End : 1YVFP80C465M71248	<input type="checkbox"/> Not sequential VINs
Begin : 1YVHP81C335M00030	End : 1YVHP80C835M54604	<input type="checkbox"/> Not sequential VINs
Begin : 1YVHP80D935M00270	End : 1YVHP80D735M55980	<input type="checkbox"/> Not sequential VINs
Begin : 1YVHP84C445N05088	End : 1YVHP80C145N99307	<input type="checkbox"/> Not sequential VINs
Begin : 1YVHP84D045N05095	End : 1YVHP80D745N99286	<input type="checkbox"/> Not sequential VINs
Begin : 1YVHP84C355M00009	End : 1YVHP80C555M77535	<input type="checkbox"/> Not sequential VINs
Begin : 1YVHP80D255M00002	End : 1YVHP84D255M77480	<input type="checkbox"/> Not sequential VINs
Begin : 1YVHP80CX65M00001	End : 1YVHP84C265M71493	<input type="checkbox"/> Not sequential VINs
Begin : 1YVHP82D465M00002	End : 1YVHP84D065M71498	<input type="checkbox"/> Not sequential VINs

Begin : 1YVHP80C875M00001	End : 1YVHP80C575M64481	<input type="checkbox"/> Not sequential VINs
Begin : 1YVHP82D375M00011	End : 1YVHP81D075M64489	<input type="checkbox"/> Not sequential VINs
Begin : 1YVHP84C385M00001	End : 1YVHP80C985M48995	<input type="checkbox"/> Not sequential VINs
Begin : 1YVHP84D485M00002	End : 1YVHP80D685M43794	<input type="checkbox"/> Not sequential VINs

Vehicle : 2004-2008 Mazda RX-8

Vehicle Type : LOW VOLUME VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Plant information: Hiroshima plant of Mazda Motor Corporation, Japan.

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

VIN (Vehicle Identification Number) Range

Begin : JM1FE173540100053	End : JM1FE173340140891	<input type="checkbox"/> Not sequential VINs
Begin : JM1FE173350140892	End : JM1FE173950161178	<input type="checkbox"/> Not sequential VINs
Begin : JM1FE173760200013	End : JM1FE173660207471	<input type="checkbox"/> Not sequential VINs
Begin : JM1FE173870207473	End : JM1FE173570214011	<input type="checkbox"/> Not sequential VINs
Begin : JM1FE173580214012	End : JM1FE173980216619	<input type="checkbox"/> Not sequential VINs

Vehicle : 2006-2007 Mazda Mazdaspeed6

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Plant information : Hofu plant of Mazda Motor Corporation ,Japan.

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

VIN (Vehicle Identification Number) Range

Begin : JM1GG12L761100056	End : JM1GG12L461108051	<input type="checkbox"/> Not sequential VINs
Begin : JM1GG12L471108052	End : JM1GG12L371110746	<input type="checkbox"/> Not sequential VINs

Description of Defect :

Description of the Defect : On May 18, 2015, Takata submitted a Defect Information Report, 15E-040, to NHTSA on PSDI-4 frontal driver side airbag inflators. As stated in 15E-040 by Takata, The batwing-shaped propellant wafers in some of the subject inflators may experience an alteration over time, which could potentially lead to over-aggressive combustion in the event of an air bag deployment. Depending on the circumstances, this potential condition could create excessive internal pressure when the air bag is deployed, which could result in the body of the inflator rupturing upon deployment.

Description of the Safety Risk : In the event of an inflator rupture, metal fragments could pass through the air bag cushion material, which may result in injury or death to vehicle occupants.

Description of the Cause : Based upon Takata's investigation to date, the potential for such ruptures may occur

in some of the subject inflators after several years of exposure to persistent conditions of high absolute humidity. In addition, this potential for rupturing may also depend on other factors, including manufacturing variability.

Identification of Any Warning that can Occur : NR

Supplier Identification :**Component Manufacturer**

Name : Takata/TK Holdings

Address : 12-31 Akasaka 2-chome Minato-ku, Tokyo.

888 16th street, NW, Suite 800 Washingto

Country : United States

Chronology :

On May 18, 2015; Takata signed a Consent Order with NHTSA and submitted DIR, 15E-040, to NHTSA on PSDI-4 frontal driver side airbag inflators.

On May 26, 2015; Mazda and Takata had a conference. Takata explained the 15E-040 in detail, which is related to PSDI-4 installed on 2003-2008MY Mazda6, 2004-2008MY RX-8 and 2006-2007MY Mazdaspeed6.

On June 2, 2015; Mazda had a Quality Audit Committee and determined to conduct a safety recall campaign on 2003-2008MY Mazda6, 2004-2008MY RX-8 and 2006-2007MY Mazdaspeed6 equipped with PSDI-4 frontal driver side airbag inflators during the entire production period.

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 driver 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 : Planned Dealer Notification Date; TBD
Planned Owner Notification Date; TBD

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

* NR - Not Reported