

Part 573 Safety Recall Report

17V-012

Manufacturer Name : Mazda North American Operations**Submission Date :** JAN 10, 2017**NHTSA Recall No. :** 17V-012**Manufacturer Recall No. :** 0717A**Manufacturer Information :****Population :****Manufacturer Name :** Mazda North American Operations**Number of potentially involved :** 85,098**Address :** 1025 Connecticut Avenue, NW
Suite 910 Washington DC 20036**Estimated percentage with defect :** NR**Company phone :** 800-222-5500**Vehicle Information :****Vehicle 1 :** 2012-2012 Mazda Mazda6**Vehicle Type :** LIGHT VEHICLES**Body Style :** 4-DOOR**Power Train :** GAS**Descriptive Information :** These additional vehicles have been registered in Zone A as defined by Takata's DIR #2 filing (Reference #17E002) on January 3, 2017.
Plant information; Auto Alliance, Inc. Flat Rock, Michigan.**Production Dates :** MAY 17, 2011 - APR 17, 2012**VIN Range 1 : Begin :** 1YVHZ8CH4C5M00007 **End :** 1YVHZ8EH5C5M44241 ☐ Not sequential**Vehicle 2 :** 2012-2012 Mazda CX-7**Vehicle Type :** LIGHT VEHICLES**Body Style :** SUV**Power Train :** GAS**Descriptive Information :** These additional vehicles have been registered in Zone A as defined by Takata's DIR #2 filing (Reference #17E002) on January 3, 2017.
Plant information; Hiroshima plant of Mazda Motor Corporation in Japan.**Production Dates :** OCT 24, 2011 - MAY 09, 2012**VIN Range 1 : Begin :** JM3ER2BM2C0410396 **End :** JM3ER2B56C0425167 ☐ Not sequential

Vehicle 3 : 2012-2012 Mazda CX-9

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : These additional vehicles have been registered in Zone A as defined by Takata's DIR #2 filing (Reference #17E002) on January 3, 2017.
Plant information; Hiroshima plant of Mazda Motor Corporation in Japan.

Production Dates : JUL 27, 2011 - SEP 27, 2012

VIN Range 1 : Begin : JM3TB2CA5C0333121 End : JM3TB2DA6C0369267 ☐ Not sequential

Vehicle 4 : 2009-2009 Mazda CX-7

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : These additional vehicles have been registered in Zone B as defined by Takata's DIR #2 filing (Reference #17E003) on January 3, 2017.
Plant information; Hiroshima plant of Mazda Motor Corporation in Japan.

Production Dates : MAY 06, 2008 - JAN 06, 2009

VIN Range 1 : Begin : JM3ER293290215758 End : JM3ER29L490238426 ☐ Not sequential

Vehicle 5 : 2009-2009 Mazda CX-9

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : These additional vehicles have been registered in Zone B as defined by Takata's DIR #2 filing (Reference #17E003) on January 3, 2017.
Plant information; Hiroshima plant of Mazda Motor Corporation in Japan.

Production Dates : JUL 01, 2008 - JUL 27, 2009

VIN Range 1 : Begin : JM3TB38V590164261 End : JM3TB38A690181258 ☐ Not sequential

Vehicle 6 : 2009-2009 Mazda Mazda6

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : These additional vehicles have been registered in Zone B as defined by Takata's DIR #2 filing (Reference #17E003) on January 3, 2017.
Plant information; Auto Alliance, Inc. Flat Rock, Michigan.

Production Dates : APR 14, 2008 - JUN 19, 2009

VIN Range 1 : Begin : 1YVHP81A195M00065 End : 1YVHP82A995M52249 ☐ Not sequential

Vehicle 7 : 2007-2008 Mazda CX-7

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : These additional vehicles have been registered in Zone C as defined by Takata's DIR #2 filing (Reference #17E001) on January 3, 2017.
Plant information; Hiroshima plant of Mazda Motor Corporation in Japan.

Production Dates : FEB 14, 2006 - APR 25, 2008

VIN Range 1 : Begin : JM3ER293870100062 End : JM3ER293870169172

☐ Not sequential

VIN Range 2 : Begin : JM3ER293680169219 End : JM3ER29L980215724

☐ Not sequential

Vehicle 8 : 2007-2008 Mazda CX-9

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : These additional vehicles have been registered in Zone C as defined by Takata's DIR #2 filing (Reference #17E001) on January 3, 2017.
Plant information; Hiroshima plant of Mazda Motor Corporation in Japan.

Production Dates : OCT 27, 2006 - JUL 01, 2008

VIN Range 1 : Begin : JM3TB28C770100132 End : JM3ER293970121096

☐ Not sequential

VIN Range 2 : Begin : JM3TB38A680121110 End : JM3TB38V680164252

☐ Not sequential

Description of Defect :

Description of the Defect : This submission adds affected vehicles under Takata DIR#2 and corresponds to Mazda's defect information report #16V356 which covers affected vehicles under Takata DIR#1. For Zone A: MY 2012 vehicles are added. For Zone B: MY 2009 vehicles are added. For Zone C: MY 2007 through MY 2008 vehicles are added. (Note: For MY 2005 through MY 2006, Mazda has no vehicles equipped with PSPI-6 inflators.)

The PSPI-6 air bag inflator, equipped in these subject Mazda vehicles, may potentially rupture during passenger side air bag 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 : Activation of a non-desiccated ammonium nitrate inflator with degraded propellant may result in an inflator rupture. An inflator rupture may cause metal fragments to pass through the air bag and into the vehicle interior at high speed, which may result in injury or death to vehicle occupants.

Description of the Cause : The propellant wafers in the subject inflators may degrade over time, which could lead to over-aggressive combustion in the event the air bag is activated. Overly aggressive combustion creates excessive internal pressure when the inflator is activated, which may cause the inflator body to rupture. Based on Takata's investigation to date, the potential for such ruptures occur 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 NR
that can Occur :

Supplier Identification :

Component Manufacturer

Name : Takata / T K Holding INC.
Address : 888 16th street, NW, Suite 800
Washington WASHINGTON 20006
Country : United States

Chronology :

(Refer to Mazda's corresponding defect information report #16V356 for added details.)

On January 3, 2017, Takata submitted Defect Information Report #2 (Reference #17E001, 17E002, and 17E003) in accordance with the amended NHTSA Consent Order that requires DIR's to be filed in five phases covering vehicles with non-desiccated frontal PSAN inflators.

On January 10, 2017: On the basis of the Takata submitted DIR#2, Mazda held a Quality Audit Committee and decided to expand the recall. The following subject vehicles are added to the recall - MY 2012 Mazda6 in Zone A, MY 2009 Mazda6 in Zone B, MY 2012 CX-7 in Zone A, MY 2009 CX-7 in Zone B, MY 2007 through 2008 CX-7 in Zone C, MY 2012 CX-9 in Zone A, MY 2009 CX-9 in Zone B and MY 2007 through 2008 CX-9 in Zone C.

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 with modified one. The repair will be

How Remedy Component Differs from Recalled Component :	NR	performed free of charge to the vehicle owners. This is an interim repair that is being implemented until the final repair parts become available.
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 :	FEB 28, 2017 - FEB 28, 2017
Planned Owner Notification Date :	MAR 07, 2017 - MAR 07, 2017

* NR - Not Reported