Part 573 Safety Recall Report 19V-782

Manufacturer Name : Mazda North American Operations
Submission Date : MAR 20, 2023
NHTSA Recall No. : 19V-782
Manufacturer Recall No. : 1317F

NHTSA
NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION

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 : 69,879
Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2009-2012 Mazda Mazda6
Vehicle Type : LIGHT VEHICLES
Body Style : ALL
Power Train : GAS
Descriptive Information : – Recall population determined by the production record of vehicles which have been repaired by use of non-desiccated PSAN inflators as an interim remedy.
– Vehicles not included in the recall have an improved air bag inflators installed.
The following is the affected number of vehicles by MY/Make/Model:
MY2009-2012 Mazda Mazda6 built at Auto Alliance International plant in Flat Rock, Michigan, USA: 10,733 units.

Production Dates : APR 11, 2008 - APR 16, 2012

VIN Range 1 :	Begin :	1YVHP81A295M00060	End :	1YVHP82A595M52250	☐ Not sequential
VIN Range 2 :	Begin :	1YVHZ8AH7A5M00017	End :	1YVHZ8CH0A5M58872	☐ Not sequential
VIN Range 3 :	Begin :	1YVHZ8CB9B5M00028	End :	1YVHZ8BH9B5M30698	☐ Not sequential
VIN Range 4 :	Begin :	1YVHZ8CH5C5M00162	End :	1YVHZ8EH4C5M44215	☐ Not sequential

Vehicle 2 :	2007-2012 Mazda CX-9
Vehicle Type :	LIGHT VEHICLES
Body Style :	ALL
Power Train :	GAS
Descriptive Information :	– Recall population determined by the production record of vehicles which have been repaired by use of non-desiccated PSAN inflators as an interim remedy. – Vehicles not included in the recall have an improved air bag inflators installed. The following is the affected number of vehicles by MY/Make/Model: MY2007-2012 Mazda CX-9 built at Mazda Motor Corporation in Japan: 29,300 units.
Production Dates :	OCT 25, 2006 - SEP 27, 2012

VIN Range 1 :	Begin :	JM3TB28C870100091	End :	JM3TB28CX70121105	☐ Not sequential
VIN Range 2 :	Begin :	JM3TB28A880121121	End :	JM3TB38V480164251	☐ Not sequential
VIN Range 3 :	Begin :	JM3TB28A790164253	End :	JM3TB28A190181257	☐ Not sequential
VIN Range 4 :	Begin :	JM3TB3MA9A0200007	End :	JM3TB2MA7A0238698	☐ Not sequential
VIN Range 5 :	Begin :	JM3TB2DA5B0300004	End :	JM3TB3DV3B0333110	☐ Not sequential
VIN Range 6 :	Begin :	JM3TB2CA0C0333124	End :	JM3TB2CV1C0369259	☐ Not sequential

Vehicle 3 :	2007-2012 Mazda CX-7
Vehicle Type :	LIGHT VEHICLES
Body Style :	ALL
Power Train :	GAS
Descriptive Information :	– Recall population determined by the production record of vehicles which have been repaired by use of non-desiccated PSAN inflators as an interim remedy. – Vehicles not included in the recall have an improved air bag inflators installed. The following is the affected number of vehicles by MY/Make/Model: MY2007-2012 Mazda CX-7 built at Mazda Motor Corporation in Japan: 29,846 units.
Production Dates :	FEB 14, 2006 - DEC 16, 2011

VIN Range 1 :	Begin :	JM3ER29L670100061	End :	JM3ER293X70169125	☐ Not sequential
VIN Range 2 :	Begin :	JM3ER293180169192	End :	JM3ER293X80215750	☐ Not sequential
VIN Range 3 :	Begin :	JM3ER29L890215764	End :	JM3ER29L990238440	☐ Not sequential
VIN Range 4 :	Begin :	JM3ER2W37A0300054	End :	JM3ER2WL9A0352978	☐ Not sequential
VIN Range 5 :	Begin :	JM3ER2B53B0353049	End :	JM3ER2B53B0410351	☐ Not sequential
VIN Range 6 :	Begin :	JM3ER2BM3C0410424	End :	JM3ER2CM8C0422048	☐ Not sequential

Description of Defect :

Description of the Defect :	In accordance with the Amendment to November 3, 2015 Consent Order issued May 3, 2016, Mazda intends to submit a recall, Defect information Report (DIR) #5 on the subject vehicles which have ever been repaired under several recalls regarding the defect of Takata air bag, using non-desiccated frontal PSAN inflators as an interim remedy. 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 that can Occur :	There is no warning prior to occurrence of the rupture of air bag.

Involved Components :

Component Name 1 :	NR
Component Description :	NR
Component Part Number :	NR

Supplier Identification :

Component Manufacturer

Name : Takata / T K Holding INC
Address : 888 16th street, NW,
Suite 800 District of Columbia 20006
Country : United States

Chronology :

(See the attached Chronology.pdf for preceding chronological events.)
Updated July 27 2020 – This amendment 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 2020. Future changes to overall Total Removed counts, including "Other," will be reflected in quarterly reporting as well as monthly dashboard reporting until otherwise directed by the agency.
March 20 2023, Amended P573 - see attached "Chronology of Defect (update).pdf "

Description of Remedy :

Description of Remedy Program :	Owners will be notified by mail and instructed to take their vehicle to a Mazda dealer. Dealers will replace the air bag inflator with an improved part using non-PSAN inflator. There will be no charge for this service to vehicle owners. Mazda does not intend to issue the reimbursement plan like as Mazda did not under the existing Takata recall.
How Remedy Component Differs from Recalled Component :	The remedy components have non-PSAN inflator. Recalled Parts name: Air bag inflator. Part number: GSZL-57K80. EGY1-57K80.
Identify How/When Recall Condition was Corrected in Production :	The vehicle production of the subject model was discontinued by when the improved air bag inflators with non-PSAN were considered.

Recall Schedule :

Description of Recall Schedule :	Notification to dealers is expected to occur on or before November 5, 2019. Mailing of owner notification letters is expected to be completed on or before December 18, 2019.
Planned Dealer Notification Date :	NOV 05, 2019 - NOV 05, 2019
Planned Owner Notification Date :	DEC 18, 2019 - DEC 18, 2019

* NR - Not Reported