

Part 573 Safety Recall Report**15V-451****Manufacturer Name :** Mazda North American Operations**Submission Date :** JUL 16,2015**NHTSA Recall No. :** 15V-451**Manufacturer Recall No. :** 8515G**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 : 193,484

Estimated percentage with defect : NR

Vehicle Information :

Vehicle : 2007-2014 Mazda CX-9

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : 2007-2014 model year CX-9, built from October 24, 2006 through December 28, 2013 at Hiroshima plant of Mazda Motor Corporation, Japan.

Production Dates : OCT 24, 2006 - DEC 28, 2013

VIN (Vehicle Identification Number) Range

Begin : JM3TB38CX70100082	End : JM3TB28CX70121105	<input type="checkbox"/> Not sequential VINs
Begin : JM3TB38A680121110	End : JM3TB38V680164252	<input type="checkbox"/> Not sequential VINs
Begin : JM3TB28A790164253	End : JM3TB38A690181258	<input type="checkbox"/> Not sequential VINs
Begin : JM3TB2MA2A0200005	End : JM3TB3MA7A0238710	<input type="checkbox"/> Not sequential VINs
Begin : JM3TB2DA5B0300004	End : JM3TB2CA5B0333120	<input type="checkbox"/> Not sequential VINs
Begin : JM3TB2CA5C0333121	End : JM3TB3DV9C0369269	<input type="checkbox"/> Not sequential VINs
Begin : JM3TB3DV7D0400004	End : JM3TB2DV8D0425228	<input type="checkbox"/> Not sequential VINs
Begin : JM3TB2CAXE0425229	End : JM3TB3CA1E0433595	<input type="checkbox"/> Not sequential VINs

Description of Defect :

Description of the Defect : Mazda is recalling certain model year 2007-2014 CX-9 vehicles manufactured from October 24, 2006, through December 28, 2013. During use, it is possible that water may enter the front suspension ball joint fitting. Driving on slated roadways during the winter months can lead to saltwater intruding into the ball joint, causing corrosion, which can result in generating looseness of the ball joint in the fitting. As a result of the looseness, a rattle may occur at ball joint of lower control arm. After

extended operation in such condition, in the worst case, the ball joint and lower control arm may separate.

FMVSS 1 :NR

FMVSS 2 :NR

Description of the Safety Risk :The vehicles may experience a significant loss of steering control, increasing the risk of crash.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

Supplier Identification :

Component Manufacturer

Name : Y-TEC corporation.

Address : 3-74, Soda, Kaita-cho, Aki-gun, Hiroshim

FOREIGN STATES

Country : Japan

Chronology :

Please see the attached Chronology file.

Description of Remedy :

Description of Remedy Program : Mazda is considering to implement the field remedy for this recall campaign in phases.

At first, Mazda will notify all vehicle owners involved in this recall that Mazda will conduct a recall campaign on this issue and, if necessary, we will re-notify them to have the remedy performed when the repair parts are available.

Mazda plans to prioritize the affected vehicles by vehicle age and the area where vehicle is registered, focusing first on the older vehicles in states where salt is used for ice control in the winter months. Our current plan is: Priority1; MY 2007-2009 vehicles registered in US salt states (Ohio, Pennsylvania, Rhode Island, Virginia, Vermont, Washington, Wisconsin, West Virginia, Minnesota, Missouri, Connecticut, Delaware, Iowa, Illinois, Indiana, Kentucky, Massachusetts, Maryland, Maine, Michigan, New Hampshire, New Jersey and New York). We believe that there are approximately 33,900 vehicles that will be involved in this first phase.

Priority2; MY 2010-2014 vehicles registered in the same states above. We believe that there are approximately 68,000 vehicles involved in this phase of the recall.

Priority3; All remaining vehicles. There are approximately 91,700 vehicles involved in this phase of the recall.

Owners of record will be notified of this issue and instructed to take their vehicles to a Mazda dealer for repair. The repair will be to replace the lower

control arms (both left and right) with new control arms with a revised design. The repair will be performed free of charge to the vehicle owners.

How Remedy Component Differs from Recalled Component : The shape of the upper seal on the ball joint differs between the remedy part and recalled part.

Identify How/When Recall Condition was Corrected in Production : The lower control arm has been improved to provide better sealing of the joint in order to prevent the intrusion of water during normal use. Implementation date was January 1, 2014.

Recall Schedule :

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

Dealers will be notified of the voluntary recall in August, 2015.

The mailing of owner notification letter by first class mail will begin in early September,

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

* NR - Not Reported