

# Part 573 Safety Recall Report

# 19V-323

**Manufacturer Name :** Mazda North American Operations**Submission Date :** JUN 18, 2019**NHTSA Recall No. :** 19V-323**Manufacturer Recall No. :** 2818I**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 : 51,118

Estimated percentage with defect : 3 %

**Vehicle Information :**

Vehicle 1 : 2011-2013 Mazda Mazda6

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : GAS

**Descriptive Information :** (Amended on June 18, 2019) Amended Defect Information Report 19V323 to change Number of Potentially Involved vehicles from 49,339 to 51,118 and number of affected products of each model year.

-Vehicles potentially affected are certain MY2011-2013 Mazda6 ever sold or currently registered or ever registered in "salt states" which include: Connecticut, Delaware, the District of Columbia, Illinois, Indiana, Iowa, Kentucky, Maine, Maryland, Massachusetts, Michigan, Minnesota, Missouri, New Hampshire, New Jersey, New York, Ohio, Pennsylvania, Rhode Island, Vermont, Virginia, West Virginia, and Wisconsin.

- The products not included in the recall were not sold or ever registered in salt states Plant information; Auto Alliance International plant in Flat Rock, Michigan, USA.

The following is the affected number by MY/Make/Model:

2011MY Mazda Mazda6: 15,393 units/2012MY Mazda Mazda6: 29,426

units/2013MY Mazda Mazda6: 6,299 units.

**Production Dates :** JUL 20, 2010 - AUG 24, 2012

VIN Range 1 : Begin : 1YVHZ8BH7B5M00012 End : 1YVHZ8BH2B5M30736

 Not sequential

VIN Range 2 : Begin : 1YVHZ8CB9C5M00001 End : 1YVHZ8EH5C5M44241

 Not sequential

VIN Range 3 : Begin : 1YVHZ8BH2D5M00011 End : 1YVHZ8EH1D5M17345

 Not sequential

**Description of Defect :**

Description of the Defect : In some of the affected vehicles, due to suspected insufficient paint coating on the front cross member, continuous use in salt states may cause corrosion of the cross member. When the corrosion progresses over time, the rigidity of the mounting point at the passenger side of the lower control arm may deteriorate, and the steering alignment may change.

No injuries or deaths have been reported from the field to date as a result of this defect.

Note: NHTSA campaign number 18V-631 addresses the same defect in MY2009-2010 vehicles.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Passing over a pothole during high speed driving with the subject condition may result in breakage of the cross member and reduce steering control, potentially increasing the risk of a crash. No crashes or injuries related to the subject condition have been reported to date.

Description of the Cause : The root cause of the subject condition is under investigation at the time of this submission.

Identification of Any Warning that can Occur : The operator can recognize the alleged defect by i) steering wheel off center ii) abnormal noise caused by wheel touching mud guard and iii) service at dealerships. Other persons both inside and outside the vehicle can recognize the alleged defect by abnormal noise.

**Supplier Identification :****Component Manufacturer**

Name : Cosma International

Address : 2550 Steeles Ave E, Brampton  
FOREIGN STATES

Country : Canada

**Chronology :**

September 14, 2018: Mazda submitted a Defect Information Report (DIR) to NHTSA regarding MY2009-2010 Mazda6

Road Salt Causing Corrosion of Cross Member (NHTSA campaign number 18V-631).

September through December, 2018: After submission of DIR, field reports that described the same defect as 2009-2010MY vehicles from mostly 2011MY Mazda6 had increased in frequency.

January 11, 2019: Mazda received an inquiry about 2011-2013MY Mazda6 cross member corrosion from Transport Canada.

March 21 2019: Mazda discussed with Transport Canada and Mazda determined to respond to the inquiry

after completing the investigation and/or assessing the potential need for any field action.  
April 22, 2019: Mazda determined that 2011-2013 MY Mazda6 vehicles are affected by the same defect as 2009-2010MY Mazda6. Mazda held a Quality Audit Committee to review all available information to date and determined to conduct a proactive field action on certain MY2011-2013 Mazda6 vehicles.

## Description of Remedy :

Description of Remedy Program : Owners will be notified by mail and instructed to take their vehicle to a Mazda dealer for an inspection.  
Depending on the condition of the vehicle at time of inspection, dealers will either install a side member and a drain hose and apply wax to protect from rust, or, install a drain hose and an improved front cross member.  
There will be no charge for this service to vehicle owners. In accordance with 49 CFR 573.13 and 49 CFR 577.11, a reimbursement plan will be submitted for eligible owners who paid to have these repairs completed at their own expense.

How Remedy Component Differs from Recalled Component : Recalled Parts name: Cross member manufactured by Cosma International  
Part number: GS3L-3480X, GS4H-3480X

Identify How/When Recall Condition was Corrected in Production : Production of the original parts had ended before the condition could be corrected.

## Recall Schedule :

Description of Recall Schedule : Notification to dealers is expected to occur on 05/01/2019. Mailing of owner notification letters is expected to be completed on or before June 24, 2019.

Planned Dealer Notification Date : MAY 01, 2019 - MAY 01, 2019

Planned Owner Notification Date : JUN 24, 2019 - JUN 24, 2019

\* NR - Not Reported