

# Part 573 Safety Recall Report

# 18V-631

**Manufacturer Name :** Mazda North American Operations**Submission Date :** SEP 14, 2018**NHTSA Recall No. :** 18V-631**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 : 48,814

Estimated percentage with defect : 3 %

**Vehicle Information :**

Vehicle 1 : 2009-2010 Mazda Mazda6

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

**Descriptive Information :** Vehicles potentially affected are certain MY2009-2010 Mazda6 ever sold or currently 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.

Plant information; Auto Alliance International plant in Flat Rock, Michigan, USA.

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

2009MY Mazda Mazda6: 22,544 units

2010MY Mazda Mazda6: 26,270 units

**Production Dates :** FEB 04, 2008 - OCT 01, 2010VIN Range 1 : Begin : 1YVHP82AX95M00001 End : 1YVHP81B995M52259  Not sequentialVIN Range 2 : Begin : 1YVHZ8BH3A5M00014 End : 1YVHZ8CH0A5M58872  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.

FMVSS 1 : NR

FMVSS 2 : NR

**Description of the Safety Risk :** Passing over a pothole during high speed driving with the subject condition

**Description of the Safety Risk :** 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 :** NR

## Supplier Identification :

### Component Manufacturer

**Name :** Cosma International  
**Address :** 2550 Steeles Ave E, Brampton  
FOREIGN STATES L6T 5R3  
**Country :** Canada

## Chronology :

Please see attached the chronology of defect.

## 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 for protecting from rust, or, install a drain hose and an improved front cross member. There will be no charge for this service to vehicle owners.

**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 :** 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 :** SEP 17, 2018 - SEP 17, 2018

Planned Owner Notification Date : NOV 12, 2018 - NOV 12, 2018

\* NR - Not Reported