

Part 573 Safety Recall Report

23V-718

Manufacturer Name : Mazda North American Operations**Submission Date :** OCT 26, 2023**NHTSA Recall No. :** 23V-718**Manufacturer Recall No. :** 6223J**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 : 11,903

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2024-2024 Mazda CX-90

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : HYBRID ELECTRIC

Descriptive Information : Recall population determined by production records of vehicles equipped with the subject rear-view monitor (containing dynamic guide lines) and/or the 360-degree view monitor. Vehicles equipped with the rear-view monitor (containing static guide lines) or not equipped with a 360-degree view monitor are not involved in this recall.

The following is the affected number of vehicles by Model Year/Make/Model:
 MY2024 Mazda CX-90 built at Mazda Motor Corporation: 10,782 units

Production Dates : DEC 27, 2022 - SEP 05, 2023

VIN Range 1 : Begin : JM3KKEHD6R1100044 End : JM3KKEHDXR1132978 Not sequential

Vehicle 2 : 2024-2024 Mazda MAZDA3

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : GAS

Descriptive Information : Recall population determined by the production records of vehicles equipped with the subject rear-view (containing dynamic guide lines) and 360-degree view monitor. Vehicles not equipped with a rear-view (containing dynamic guide lines) and 360-degree view monitor are not involved in this recall.

The following is the affected number of vehicles by Model Year/Make/Model:
 MY2024 Mazda MAZDA3 built at Mazda Motor Corporation: 1,121 units

Production Dates : MAY 25, 2023 - AUG 23, 2023

VIN Range 1 : Begin : JM1BPBNY8R1650006 End : JM1BPBNY2R1657565 Not sequential

Description of Noncompliance :

Description of the Noncompliance : Images of the front-, side-, and rear-view cameras may flicker and, in some cases, may no longer appear on the center display monitor.

FMVSS 1 : 111 - Rear visibility

FMVSS 2 : NR

Description of the Safety Risk : Loss of front-, side-, and rear-view camera images when in reverse and/or using the 360-degree monitor can increase the risk of a crash. *Note: 360-degree camera monitor will only operate under 9.3 MPH (15 KPH).

Description of the Cause : Improper processing logic in the view monitor camera control module may cause image deterioration.

Identification of Any Warning that can Occur : None.

Involved Components :

Component Name 1 : Unit, Vehicle Monitor Camera

Component Description : Side cameras; Rear camera; Forward Sensing Camera

Component Part Number : KDNP-66UU0, KEME-66UU0, BHSC-66UU0, BHSD-66UU0

Supplier Identification :**Component Manufacturer**

Name : Magna Electronics Technology, Inc.

Address : 2050 Auburn Road
Auburn Hills Michigan 48326

Country : United States

Chronology :

December 8, 2022: Mazda received the first field report from Japan and began an investigation.

January 10, 2023: The suspect view monitor control module was received, and further analysis of the part was conducted.

February 2, 2023: The condition was confirmed on the returned part.

February 27, 2023: Three additional field reports with the same concern were received from foreign markets.

April 21 through August 22, 2023: Mazda continued to study this concern and investigated the logic of the software in the view monitor camera module. Mazda further analyzed field data and conducted ongoing testing.

October 19, 2023: Mazda held a Quality Audit Committee meeting to review all available information to date and approved a field action on certain MY2024 CX-90 and Mazda3 vehicles.

As of October 6, 2023, Mazda is not aware of any reports of accident or injury related to this concern. Also as of this date, no field reports have been received by the United States or Territory markets.

Description of Remedy :

Description of Remedy Program : Owners will be notified by mail and instructed to take their vehicle to an authorized Mazda dealer. Dealers will reprogram the view monitor control module with improved software. There will be no charge for this service to vehicle owners. Any repairs related to this defect in the subject vehicles would have been covered under Mazda's new vehicle warranty period. Therefore, a reimbursement plan for repairs made in connection with this defect prior to notification is not being offered to affected vehicle owners.

How Remedy Component Differs from Recalled Component : Improved software properly resets data memory when restarting the system. Therefore, the front-, side-, and rear-view side camera images will appear properly on the center display monitor.

Identify How/When Recall Condition was Corrected in Production : Improved software for the view monitor control module was installed starting August 23, 2023 (Mazda3), and August 29, 2023 (CX-90).

Recall Schedule :

Description of Recall Schedule : Notification to dealers is expected to occur on or before October 31, 2023. Mailing of owner notification letters is expected to be completed on or before December 22, 2023.

Planned Dealer Notification Date : OCT 31, 2023 - OCT 31, 2023

Planned Owner Notification Date : DEC 22, 2023 - DEC 22, 2023

* NR - Not Reported