

# Part 573 Safety Recall Report

# 23V-275

**Manufacturer Name :** Mazda North American Operations**Submission Date :** APR 18, 2023**NHTSA Recall No. :** 23V-275**Manufacturer Recall No. :** 5823D**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 : 2,410

Estimated percentage with defect : 1 %

**Vehicle Information :**

Vehicle 1 : 2022-2023 MAZDA CX-30

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : GAS

Descriptive Information : – Recall population determined by the production record of vehicles which may have the subject ABS Hydraulic Control Unit installed.

– Vehicles not included in the recall were not equipped with subject ABS Hydraulic Control Unit.

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

MY2022-2023 Mazda CX-30 built at Mazda de Mexico Vehicle Operation ("MMVO"), USA: 2401 units.

Production Dates : NOV 28, 2022 - DEC 15, 2022

VIN Range 1 : Begin : 3MVDMBAM0PM514861 End : 3MVDMBEY2PM519945  Not sequential

Vehicle 2 : 2023-2023 MAZDA CX-50

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : GAS

Descriptive Information : – Recall population determined by the production record of vehicles which may have the subject ABS Hydraulic Control Unit installed.

– Vehicles not included in the recall were not equipped with subject ABS Hydraulic Control Unit.

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

MY2023 Mazda CX-50 built at Mazda Toyota Manufacturing ("MTM"), USA : 9 units.

Production Dates : DEC 03, 2022 - DEC 07, 2022

VIN Range 1 : Begin : 7MMVABXY6PN128069 End : 7MMVABCM2PN128783  Not sequential

**Description of Defect :**

Description of the Defect : Brake pedal travel length may increase due to internal damage in the ABS Hydraulic Control Unit.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : An increased brake pedal travel length while stopping the vehicle may cause a feeling of reduced braking ability, increasing the risk of a crash.

Description of the Cause : Due to an improper manufacturing process, the ABS Hydraulic Control Unit ("HCU") may have been damaged internally during assembly. As a result, brake pedal travel distance may increase while depressing the pedal.

Identification of Any Warning that can Occur : There is no warning preceding the occurrence of this defect.

**Involved Components :**

Component Name 1 : Unit, Hydraulic - ABS

Component Description : ABS Hydraulic Control Unit

Component Part Number : DGJ1/VA40-437A0

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

Name : Continental Automotive

Address : One Continental Drive  
Auburn Hills Michigan 48326-1581

Country : United States

**Chronology :**

December 8, 2022: Mazda de Mexico Vehicle Operation ("MMVO") received a part collection request from the supplier due to a concern detected in the manufacturing process for HCUs used in CX-30 vehicles.

December 9, 2022~March 2, 2023: MMVO investigated the concern to determine if any CX-30 vehicles may have received an affected part.

March 3, 2023~April 12, 2023: Mazda identified a CX-50 vehicle in the field which received an affected part. Further investigation was conducted to determine if additional CX-50 vehicles may have received an affected part. Additionally, Mazda finalized the affected population.

April 13, 2023: Mazda held a Quality Audit Committee meeting to review all available information to date and

determined to conduct a proactive field action on certain MY 2023 CX-30 and CX-50 vehicles.

## 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 inspect vehicles and replace affected HCUs with a new, improved part. There will be no charge for this service to vehicle owners. A reimbursement program will not be offered as subject vehicles are under new vehicle warranty coverage.

**How Remedy Component Differs from Recalled Component :** The remedy components were assembled using an improved manufacturing process which eliminates the possibility of sustaining internal damage.  
Recalled Parts name: Unit, Hydraulic - ABS  
Part number: DGJ1/VA40-437A0

**Identify How/When Recall Condition was Corrected in Production :** Improved ABS Hydraulic Control Units were installed in vehicles at both MMVO and MTM assembly plants starting on December 16, 2022.

## Recall Schedule :

**Description of Recall Schedule :** Notification to dealers is expected to occur on or before 4/21/2023. Mailing of owner notification letters is expected to be completed on or before 6/17/2023

**Planned Dealer Notification Date :** APR 21, 2023 - APR 21, 2023

**Planned Owner Notification Date :** JUN 17, 2023 - JUN 17, 2023

\* NR - Not Reported