

Part 573 Safety Recall Report

23V-275

Manufacturer Name : Mazda North American Operations

Submission Date : APR 26, 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.
April 26, 2023: Mazda is amending this P573 report to provide the following summary -
Mazda is not aware of any warranty claims or field reports related to this concern.
Mazda is not aware of any reports of accident or injury related to this concern.

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