

Part 573 Safety Recall Report

23V-135

Manufacturer Name : Mazda North American Operations**Submission Date :** MAR 01, 2023**NHTSA Recall No. :** 23V-135**Manufacturer Recall No. :** 5723B**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 : 560

Estimated percentage with defect : 2 %

Vehicle Information :

Vehicle 1 : 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 had a Mazda Genuine Accessory trailer wire harness installed using an inappropriate routing and attachment method during port processing or aftermarket installations.
 – Vehicles not included in the recall were not equipped with a Mazda Genuine Accessory trailer wire harness.

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

MY2023 Mazda CX-50 built at Mazda Toyota Manufacturing (MTM) , USA : 560 units.

Production Dates : JAN 18, 2022 -OCT 28, 2022

VIN Range 1 : Begin : 7MMVABBM1PN100233 End : 7MMVABCMXP123654 Not sequential**Description of Defect :**

Description of the Defect : The accessory trailer wire harness may detach, causing insufficient clearance to underbody components.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : A detached trailer wire harness may become damaged due to contact with exhaust components or road debris while driving. If the harness becomes damaged, lighting and/or braking of a connected trailer may become inoperative, increasing the risk of a crash.

Description of the Cause : Due to improper installation, trailer wire harnesses may become loose or detached.

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

Involved Components :

Component Name 1 : Trailer Hitch Harness

Component Description : Trailer Hitch Wiring Harness

Component Part Number : VA40V7780 (/w 4-pin connector), VA41V7780 (/w 7-pin connector)

Supplier Identification :

Component Manufacturer

Name : Curt Manufacturing Inc.

Address : 6208 Industrial Dr
Eau Claire Wisconsin 54701

Country : United States

Chronology :

August 5, 2022: MTM Logistics Quality regular inspection detected five vehicles at Mazda Port facilities with peeling or detached wire harness adhesive mounting brackets. Mazda began to investigate the concern; installation of the harness was halted to prevent any potential further outflow of the concern into the field.

August 15, 2022: Inspection of field units with accessory harness kits installed by dealers did not show recurrence of the peeling/detached adhesive.

September 2022~December 2022: Mazda conducted investigations of the concern to assess root cause, potential effects on any field units with the condition, and review of actual field conditions.

January 2023~Middle of February 2023 : Mazda did not receive any field reports related to this concern through this period. However, Mazda continued to identify the total population of potentially affected vehicles in North American markets.

February 22, 2023: Mazda held a Quality Audit Committee meeting to review all available information to date and, out of an abundance of caution, determined to conduct a proactive field action on certain MY 2023 CX-50 vehicles equipped with accessory trailer hitch wire harnesses.

Description of Remedy :

Description of Remedy Program : Owners will be notified by mail and instructed to take their vehicle to a Mazda dealer.
Dealers will rework affected units using an improved trailer hitch harness kit.
Mazda was able to identify 311 VINs with trailer hitch harness kits through internal systems. However, accessory kits are generally not traceable to unique VINs. For those trailer hitch harness kits that could not be matched to a specific VIN, Mazda will ask dealers to attempt to make contact with original purchasers to notify them of the concern. Dealers will be given copies of owner letters to forward to purchasers. A reimbursement program will not be offered as subject vehicles are under new vehicle warranty coverage.

How Remedy Component Differs from Recalled Component : Remedy components have an improved design which uses a revised routing and installation method.
Recalled Parts name: Trailer Hitch Harness
Part number: VA40V7780 (/w 4-pin connector), VA41V7780 (/w 7-pin connector)

Identify How/When Recall Condition was Corrected in Production : Since affected parts are installed as a port-installed, dealer-installed, or over-the-counter accessory, production countermeasures are not applicable. To correct the condition for new installations, improved trailer hitch harness kits with a revised routing and installation method will be made available as soon as possible.

Recall Schedule :

Description of Recall Schedule : Notification to dealers is expected to occur on or before March 3rd, 2023.
Mailing of owner notification letters is expected to be completed on or before April 28, 2023
Planned Dealer Notification Date : MAR 03, 2023 - MAR 03, 2023
Planned Owner Notification Date : APR 28, 2023 - APR 28, 2023

* NR - Not Reported