

Subject: MSP59 AS (AREA SURROUNDING) TESTER AIMING CONCERN	Campaign No.: MSP59
	Last Issued : 04/04/2023

DESCRIPTION

(MSP) 59 AS (Area Surrounding) Tester Aiming

Subject Vehicles:

Model	Subject VIN range	Subject production date range
2023 CX-50	7MM VA****100509 – 107155	From February 15, 2022 through June 7, 2022

The asterisk symbol “*” can be any letter or number. Only 46 vehicles identified in this campaign have this concern. The affected VIN Dealer Inventory list is available on Mazda Global Service Support (MGSS).

Concern Outline:

On the 360° View Monitor, the 360° or rear view may not be displayed correctly on the center display. The area surrounding the vehicle may be displayed as shifted from the actual position. Due to this problem, the vehicle may not be actually parked straight even it looks like straight on the screen. The aiming adjustment might not function appropriately as it could be damaged during routine maintenance. The 360° view monitor system (FSC/FR/VMC (includes rear view)) might not have been aligned appropriately during vehicle production.

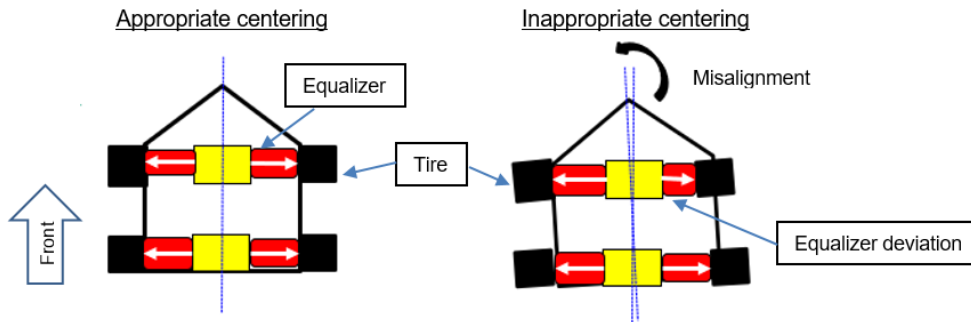
Repair Outline:

All vehicles will require a 360° view monitor system aiming for all 4 cameras (front camera, side cameras, rear mount camera) with M-MDS, using MDARS.

CONSUMER NOTICE: The information and instructions in this bulletin are intended for use by skilled technicians. Mazda technicians utilize the proper tools/ equipment and take training to correctly and safely maintain Mazda vehicles. These instructions should not be performed by “do-it-yourselfers.” Customers should not assume this bulletin applies to their vehicle or that their vehicle will develop the described concern. To determine if the information applies, customers should contact their nearest authorized Mazda dealership. Mazda North American Operations reserves the right to alter the specifications and contents of this bulletin without obligation or advance notice. All rights reserved. No part of this bulletin may be reproduced in any form or by any means, electronic or mechanical—including photocopying and recording and the use of any kind of information storage and retrieval system ---without permission in writing.

DESCRIPTION

On the 360° View Monitor, the 360° or rear view may not be displayed correctly on the center display. The AS (area surrounding) the vehicle may be displayed as shifted from the actual position. Due to this problem, the vehicle may not be actually parked straight even it looks like straight on the screen. The aiming adjustment might not function appropriately as it could be damaged during routine maintenance. The 360° view monitor system (FSC/FR/VMC (includes rear view)) might not have been aligned appropriately during vehicle production



OUTLINE OF REPAIR:

The repair is to perform the 360° view monitor system aiming for all 4 cameras (front camera, side cameras, rear mount camera) with M-MDS, using MDARS.

ALL VEHICLES:

When an applicable retailed vehicle is brought into the dealer for any type of repair or scheduled maintenance, review the “Warranty Vehicle Inquiry” page in eMDCS to check the status of MSP59. If the status is "OPEN" for MSP59, repair the vehicle according to the procedures below.

A. VEHICLE INSPECTION PROCEDURE

1. Verify the vehicle is within the following VIN range:

Model	Subject VIN range	Subject production date range
2023 CX-50	7MM VA****100509 – 107155	From February 15, 2022 through June 7, 2022

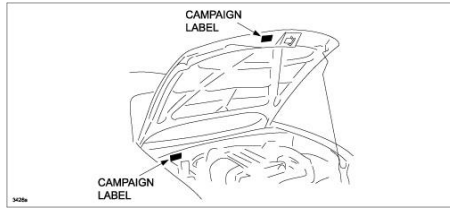
The asterisk symbol “*” can be any letter or number and only 46 U.S. vehicles in the VIN range are affected.

If the vehicle is within the above VIN and production date ranges and “MSP59” appears in eMDCS, eMDCS Warranty Vehicle Inquiry proceed to Step 2.

- If the vehicle is not within the above VIN and production date ranges and MSP59 does not appear in eMDCS Warranty Vehicle Inquiry, return the vehicle to the customer or inventory.

2. Perform a Warranty Vehicle Inquiry using your eMDCS System and inspect the vehicle for a Campaign Label MSP59 attached either to the vehicle's firewall, hood or driver door/door jamba. Refer to eMDCS System - Warranty Vehicle Inquiry Results table below.

NOTE: Verify the campaign number as the vehicle may have multiple labels.



eMDCS System - Warranty Vehicle Inquiry Results:

If eMDCS displays:	Campaign Label is:	Action Required:
"Campaign: MSP59 Open"	Present	Contact the Warranty Hotline at (877) 727-6626, option 3 to update vehicle history
	Not Present	Proceed to "REPAIR PROCEDURE"
"Campaign: MSP59 Closed"	Present	Return vehicle to inventory or customer
	Not present	Complete a label and apply it to vehicle's bulkhead or hood
"Campaign: MSP59 Open" or "Closed" is not displayed	Does not apply	Campaign does not apply to this vehicle. Return the vehicle to inventory or customer

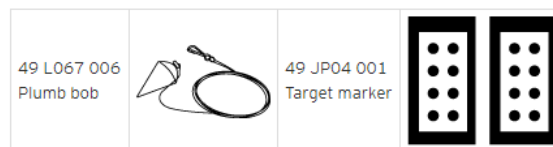
B. REPAIR PROCEDURE

1. Align the 360⁰ Camera View Monitor System (FSC/FR/VMC (includes rear view))

- a. Follow steps in MGSS to complete aiming: [360⁰ VIEW MONITOR SYSTEM AIMING](#). When complete, move to section C.

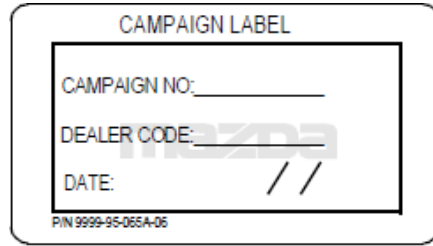
NOTE: Special Service Tools (SST) 49-L067-006 and 49-JP04-001 are required for repair of this MSP. The SST is a tool all Mazda dealers should have that comes in the New Dealer Tool kit (NDK). Please order from the [Mazda Tools and Equipment site](#) if you do not have this tool.

Special service tool (SST)



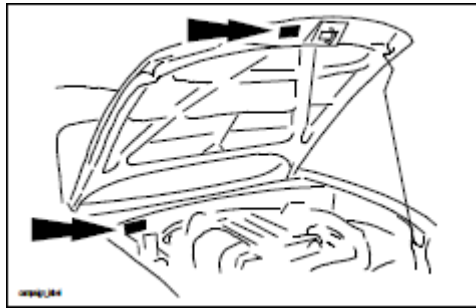
C. CAMPAIGN LABEL

1. Fill out a "Campaign Label" (9999-95-065A-06) with Campaign No: "MSP59", your dealer code, today's date.



A rectangular form titled "CAMPAIGN LABEL". Inside the form, there are three lines for text entry: "CAMPAIGN NO: _____", "DEALER CODE: _____", and "DATE: ____/____/____". A large, semi-transparent "MAZDA" logo is overlaid in the center. At the bottom left of the form, it reads "PIN 9999-95-065A-06". Below the form, the number "138b" is printed.

2. Affix it to the hood or bulkhead as shown:



3. Return the vehicle to customer.

END OF REPAIR PROCEDURE

CONDITION OF CONCERN

On the 360° View Monitor, the 360° or rear view may not be displayed correctly on the center display. The area surrounding the vehicle may be displayed as shifted from the actual position. Due to this problem, the vehicle may not be actually parked straight even though it looks straight on the screen. The aiming adjustment might not function appropriately as it could be damaged during routine maintenance. The 360° view monitor system (FSC/FR/VMC (includes rear view)) might not have been aligned appropriately during vehicle production.

SUBJECT VEHICLES

Model	Subject VIN range	Subject production date range
2023 CX-50	7MM VA****100509 – 107155	From February 15, 2022 through June 7, 2022

The asterisk symbol "*" can be any letter or number and only 6,485 U.S. vehicles in the VIN range are affected.

PARTS INFORMATION

Part	Vehicles Affected	Scrap
None	ALL	N/A

WARRANTY TERMS AND CLAIM INFORMATION - Claim Inspection or Replacement (not both)

- This repair will be covered under Mazda's New Vehicle Limited Warranty.
- Additional diagnostic time cannot be claimed for this repair.

MSP59 AS (Area Surrounding) Tester Aiming

	AS Tester Aiming
Process Number	J2302A
Symptom Code	99
Damage Code	99
Part Number Main Cause	5555-23-001A
Quantity	0
Labor Operation Number	YY836XRX
Labor Hours	1.0 hr.

RENTAL CAR INFORMATION

Rental expenses requiring a third-party vehicle or over the per day limit set by Mazda Warranty policy will require prior Warranty Department Authorization in advance of giving the rental to the customer, regardless of the reason. Please refer to the Mazda Rental Car Reimbursement Program policy in the Mazda Warranty Policies and Procedures Manual.

Mazda recommends the usage of the MCVP loaner vehicle when available. If all MCVP loaner vehicles are in use and unavailable, and the customer needs a rental car, then use your local rental facility and offer a rental car. Be sure that every effort is made to repair the car within one business day or less in order to allow the next customer the same experience.

Rental Car Warranty Claim Information

	MCVP Vehicle Preferred
Warranty Type Code	<p style="text-align: center;">N/A</p> <p>MCVP does not require claim submission</p> <p>If an Agency vehicle is needed, please follow Warranty Policy and submit a rental claim under warranty</p>
Symptom Code	
Damage Code	
Part Number Main Cause	
Part Quantity	
Labor Operation Code	
Labor Hours	
Sublet – Rental Car	
Sublet Invoice Number	
Sublet Type Code	
Sublet Amount	
Sublet Text	

Rental expenses exceeding the two-day limit will require prior Warranty Department Authorization, as outlined in the Mazda Rental Car Reimbursement Program policy.