

Recall Campaign 6824H – 2024 CX-30, 2024 Mazda3, 2025 CX-50 - Forward Sensing Camera (FSC) Mode Setting Concern /FMVSS 108

CONDITION OF CONCERN: On certain subject vehicles, the mode setting was not properly set in the Forward Sensing Camera (FSC) which may cause the following to occur:

- High Beam Control (HBC) system will not automatically adjust headlights from high beam to low beam with approaching vehicles. This condition is not compliant with the requirements specified in the Federal Motor Vehicle Safety Standard (FMVSS) No. 108; Lamps, reflective devices, and associated equipment.
- Smart Brake Support (SBS) will not activate braking to prevent a front-end collision. The inoperative SBS system can increase the risk of a crash and injuries.
- Lane-keep Assist System (LAS) will not activate to maintain vehicle positioning within roadway lanes.

Causal factor: Due to an improper program setting, some of the affected FSCs were not updated from production mode to normal mode. As a result, all three systems described (HBC, SBS, LAS) will not work as intended.

REPAIR OUTLINE:

Inspect the subject vehicle and if necessary, replace the affected FSC with a good one.

Note: The HBC system will be inspected to determine if the FSC functions normally.

SUBJECT VEHICLES:

Model	Subject VIN range	Subject production date range
2024 MY CX-30 built at MMVO	3MVDM**** RM 715020 – 717515	From July 10, 2024 through July 23, 2024
2024 MY Mazda3 built at MMVO	3MZBP**** RM 433222 – 434006	From July 10, 2024 through July 23, 2024
2025 MY CX-50 built at MTM	7MMVA**** SN 300713 – 301006	From July 26, 2024 through July 29, 2024

*Only the vehicles in this range and with a “Not Launched” or “Open” status in eMDCS are affected.

OWNER NOTIFICATION:

Mazda will notify the owners by first class mail no later than November 2, 2024.

PARTS INFORMATION

Description	Part Number	Quantity	Applicable Model and Note	Scrap
Forward Sensing Camera (FSC)	DRVP-67-XCXB	1	For CX-30 and Mazda3 - Only necessary if FSC fails inspection	YES
	VC85-67-XCX	1	For CX-50 – Only necessary if FSC fails inspection	YES
Campaign Label	9999-95-065A-06	1 order=50 labels	Obtain in Mazda e-Store	N/A

WARRANTY CLAIM PROCESSING INFORMATION

	Inspection only (GOOD Condition)	Inspection and FSC replacement (<u>NO GOOD condition - ONLY if failure is confirmed</u>)
Process Number	AR049A	AR049A
Symptom Code	99	99
Damage Code	99	99
Causal Part Number	7777-SP-Y56	DRVP-67-XCXB (for CX-30/Mazda3) or VC85-67-XCX (for CX-50)
Quantity	0	1
Labor Operation Code	XXWT7XCX	XXWT8XRX
Labor Hours	0.5 hrs.	0.8 hrs.
D40: Photo Requirement #1	Photo of Outside of vehicle with FSC Camera covered	Photo of Outside of vehicle with FSC Camera covered
D40: Photo Requirement #2	Photo of vehicle Instrument Cluster while operating	Photo of vehicle Instrument Cluster while operating

RENTAL CAR INFORMATION

Rental expenses exceeding the two-day limit or over the per day limit set by Mazda Warranty policy will require prior Warranty Department Authorization prior to 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, so the next customer can receive the same experience.

Rental Car Warranty Claim Information

	MCVP Vehicle Preferred	Rental Agency Vehicle or Ride Share (Uber, Lyft, Taxi)
Warranty Type Code	N/A MCVP does not require claim submission	A
Symptom Code		99
Damage Code		99
Part Number Main Cause		5555-68-24HR
Part Quantity		0
Labor Operation Code		MM024XRX
Labor Hours		0
Sublet – Rental Car		
Sublet Invoice Number		Number from Rental Invoice or Dealer Purchase Order
Sublet Type Code		Enter "Z9" (other)
Sublet Amount		Up to \$30.00 for rideshare, or per day for the number of days customer had rental car
Sublet Text		Number of days rental car was supplied to customer