

Technical Service Bulletin

Mazda North American Operations
Irvine, CA 92618-2922



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| Subject: PASSENGER-SIDE OUTER DOOR MIRROR GLASS TILTS DOWN | Bulletin No.: 09-005/24 |
| | Last Issued : 01/30/2024 |

BULLETIN NOTES

This bulletin supersedes the previously issued bulletin(s) listed below. The changes are noted in Red.

| Previous TSBs: | Date(s) Issued: |
|----------------|-----------------------|
| 09-037/23 | 11/15/23 and 10/18/23 |

APPLICABLE MODEL(S)/VINS

2024 CX-90 with VINS lower than JM3KK*****128554 (produced before August 12, 2023)

DESCRIPTION

Some customers may experience that the passenger-side outer door mirror glass tilts down when unlocking and opening the driver's door. This is caused by a door-electrical supply unit malfunction due to changes in the vehicle power conditions. **Alternatively, after the passenger-side door mirror tilts down in response to reversing, it does not return to its original position even when the reverse is disengaged.** To eliminate this concern, the control software of the door-electrical supply unit (passenger's side) has been modified.

Customers having this concern should have their vehicle repaired using the following repair procedure.

REPAIR PROCEDURE

1. Verify the customer concern.
2. Reprogram the DOOR_ESU_P with the Mazda Modular Diagnostic System (M-MDS), using Mazda Diagnostic And Repair Software (MDARS). After that, the DOOR_ESU_D is automatically reprogrammed as well. Refer to MDARS DOOR ECU Reprogramming Procedure.

NOTE:

- If the current calibration file name in the ECU FILENAME screen is the same as shown in the Calibration Files Information or with a later suffix, reprogramming is not necessary.
- After the reprogramming, pending DTC P2610:00 [PCM] may be stored without the CHECK ENGINE light ON. Since this DTC may turn to a current DTC depending on operations after the reprogramming, clear DTC after all repair work done.

3. Clear any DTCs.
4. Verify the repair by starting the engine and making sure the CHECK ENGINE light is OFF and no abnormal warning lights are ON.

NOTE: If any DTC should remain after performing a DTC erase, diagnose the DTC according to the instructions on MGSS.

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CALIBRATION

| Module | Target Software file | |
|-------------|----------------------|---------------|
| | Old | New |
| Door-ESU(P) | KMV6-66-S08-A | KMV6-66-S08-B |

WARRANTY INFORMATION**NOTE:**

- This warranty information applies only to verified customer complaints on vehicles eligible for warranty repair.
- This repair will be covered under Mazda's New Vehicle Limited Warranty term.
- Additional diagnostic time cannot be claimed for this repair.

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| Warranty Type | A |
| Symptom Code | 64 |
| Damage Code | 9W |
| Part Number Main Cause | 5555-67-5M0 |
| Quantity | 0 |
| Operation Number / Labor Hours: | XXWFJXFX / 0.5 Hrs. |

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