

**DECEMBER 17, 2025 – WARRANTY CLAIMS CAN NOW BE SUBMITTED.
TEMPLATES WILL BE POSTED BY FRIDAY DECEMBER 19, 2025 OR BEFORE.**

2024-2026 CX-90 and 2025-2026 CX-70

Engine Warning Light Illumination with DTC P0DAB

CONDITION OF CONCERN

On certain subject vehicles, the engine warning light may illuminate, and the vehicle may be limited to engine-only operation due to activation of the fail-safe mode. Motor assist, i-stop and motor regenerative functions may be disabled, although the vehicle is safe to drive. The DTC P0DAB (Cell voltage variation malfunction) may be stored.

Causal factor: Improper software in the Powertrain Control Module (PCM) and - MHB in MDARS display - BECM (Battery Energy Control Module).

OUTLINE OF REPAIR

Reprogram the PCM and MHB with the Mazda Modular Diagnostic System (M-MDS), using Mazda Diagnostic And Repair Software (MDARS).

Note: The TCM may or may not be reprogrammed, please see below for the claim type depending on whether the TCM was programmed or not programmed.

SUBJECT VEHICLES

Model	Subject VIN range	Subject production date range
2024-2026 MY CX-90 H3T M Hybrid Boost	JM3KK**** R1 100044 - 189861 JM3KK**** S1 189862 - 261073 JM3KK**** T1 350010 - 367752	From December 27, 2022 through November 17, 2025
2025-2026 MY CX-70 H3T M Hybrid Boost	JM3KJ**** S1 100014 - 134448 JM3KJ**** T1 200004 - 202573	From December 5, 2023 through November 17, 2025

- The asterisk symbol “*” can be any letter or number.

OWNER NOTIFICATION

No owner notification is required, but an explanation about the purpose (or outline) of repair and customer’s agreement are required before starting the repair.

PARTS INFORMATION – There are no parts required for MSP66.

WARRANTY CLAIM PROCESSING INFORMATION

- This repair will be covered under Mazda's Powertrain Limited Warranty.
- Additional diagnostic time cannot be claimed for this repair.
- Warranty pre-authorization is required if the vehicle is outside the Mazda's Powertrain Limited Warranty.

ALL VEHICLES - USE ONLY IF THE TCM IS REPROGRAMMED:

	PCM and MHB reprogramming (with TCM reprogramming and initial learning)
Process Number	AS033A
Symptom Code	99
Damage Code	99
Causal Part Number & Qty	7777-SP-Z55 & 0
Labor Operation Code and Hours	1AS33AFX & 0.8 hrs.

ALL VEHICLES – USE ONLY IF THE TCM IS NOT REPROGRAMMED:

	PCM and MHB reprogramming (without TCM initial learning)
Process Number	AS033A
Symptom Code	99
Damage Code	99
Causal Part Number & Qty	7777-SP-Z55 & 0
Labor Operation Code and Hours	1AS33BFX & 0.5 hrs.

Note: There is no Rental car program for this MSP. Please utilize MCVP, Uber, Lyft or other options under Mazda's Powertrain Limited Warranty.