

Service Alert

Mazda North American Operations
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**Subject:**

"HYBRID SYSTEM MALFUNCTION. HAVE THE VEHICLE INSPECTED." WARNING MESSAGE AND MULTIPLE DTC'S STORED

Service Alert No.: SA-044/26

Last Issued : 07/01/2026

BULLETIN NOTES

APPLICABLE MODEL(S)/VINS

2024-2026 CX-90 (H3T inline 6)

2025-2026 CX-70 (H3T inline 6)

DESCRIPTION

Some customers may experience an instrument cluster warning message:

Hybrid System
Malfunction.
Have the Vehicle
Inspected



And any of the following DTC's may be stored.

P0DAB	Indicates a different issue. Refer to SA-001/25.
U0401:68	Error signal received from ECM (e-SKYACTIV PHEV)/PCM (except e-SKYACTIV PHEV), electronically controlled brake unit/DSC HU/CM, instrument cluster, or body control module (BCM)
P0D2D:00	48V power supply monitor system: Correlation error (between Mazda M Hybrid Boost battery and drive motor control module)
P057F:00	Power supply system: Battery Deterioration
P2502:00	Drive/motor system: Drive/motor generation voltage error
P2503:00	DC-DC converter control: Circuit malfunction, DC-DC converter malfunction
P0C7B:00	Drive motor control module: High voltage malfunction
P0B3D:21	Mazda M Hybrid Boost battery voltage sensor system: Circuit malfunction

This may be caused by poor electrical connections at the front harness 48V battery terminals:

- Terminal 1442-102C
- Terminal 1442-102D
- Terminal 1442-102E

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REPAIR PROCEDURE

1. Inspect the 48V battery cable connections to the busbar:

- Terminal 1442-102C
- Terminal 1442-102D
- Terminal 1442-102E

Is corrosion present?



- **YES:** Go to next step
- **NO:** This service information does not apply. Continue with normal MGSS troubleshooting.

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2. Check the following:

- **Was the 9.5 Nm (82 in-lbs) torque exceeded?**
 - If tightened with an electric ratchet, the upper torque limit may be exceeded.
- **Was grease applied to the bolt surface before tightening?**
 - Even with the same torque, the axial force will be higher, leading to damage.
- **Were the stud bolts on the verge of breaking?**

3. Replace the 48V Battery, Busbar and Cables.

- CX-90: M Hybrid Boost BATTERY REMOVAL/INSTALLATION [H3T]
- CX-70: M Hybrid Boost BATTERY REMOVAL/INSTALLATION [H3T]

CAUTION: DO NOT exceed the torque limit of 82 in-lbs (9.5 Nm).

Tutorial Videos

- [M Hybrid Boost Battery Terminal Disconnect/Inspection/Re-connect](#)

PARTS INFORMATION

D-Code	Description	Qty	Part Number
67-ZB3	BATTERY-PACK	1	Look up P/N by VIN
67-Y6Z	BUSBAR	1	
67-270A	CABLE,EARTH-BATTERY	1	
67-250	CABLE,POSIT-BATTERY	1	
67-SH1	CORD,SHORT	1	
90-906	NUT,CABLE	3	

WARRANTY INFORMATION

NOTE:

- Warranty information applies only to verified customer complaints on vehicles eligible for warranty repair.
- Vehicles with prior repairs will not be covered under warranty. Check for prior repairs.
- If there were no prior repairs, call hotline to report concern.
- Additional diagnostic time cannot be claimed for this repair.

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