

Subject: CHECK ENGINE LIGHT ON AND MESSAGE IN INSTRUMENT CLUSTER WITH DTC P0DAB:17 AND/OR P0DAB:00	Service Alert No.: SA-082/24 Last Issued : 12/13/2024
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BULLETIN NOTES

APPLICABLE MODEL(S)/VINS

2024 CX-90 MHEV (inline6) with VINS between JM3KKEHD6R1100044 - 170926 (produced between (December 27, 2022 - April 24 2024)

NOTE: MHEV battery software update started with April 25, 2024 mass production and Recall date also include mass production dates related to other issues.

DESCRIPTION

Some vehicles may experience the CHECK ENGINE light ON and the message "ENGINE HYBRID SYSTEM AND i-STOP MALFUNCTION" displayed in the instrument cluster with one or both of the following DTCs:

- P0DAB:17 is set in the MHB module.
- P0DAB:00 is set in the SGC2/DMCM module.

REPAIR PROCEDURE

1. Check for DTCs and confirm if DTC P0DAB:00 and/or P0DAB:17 are present.
 - If one or both DTCs are present, replace the MHEV battery according to the instructions on MGSS (M Hybrid Boost BATTERY REMOVAL/INSTALLATION [H3T]).
 - If the DTCs are not present, this SA does not apply.
2. Verify the PCM and the BECM are at the current software level available on MDARS.
NOTE: Replacement MHEV batteries may not have a current BECM level.
3. After the MHEV battery is replaced, perform any open recalls.
4. Test drive the vehicle and verify no other DTC's or symptoms are present.

PARTS INFORMATION

- MHEV batteries can be ordered through the normal part-ordering process through your parts department. MASH approval **is not** required on vehicles produced prior to April 25, 2024 with the code(s) listed in this Service Alert. You do not need to contact the Technical Hotline or create a MAR request for MASH authorization on these vehicles.
- MASH approval **is** required for all MHEV batteries on vehicles built on or after April 25, 2024. Vehicles built prior

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to April 25, 2024 with a MHEV battery failure not associated with these codes, also still require MASH approval.

WARRANTY INFORMATION

Normal warranty applies.

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