

 HYUNDAI Technical Service Bulletin	GROUP EV SYSTEMS	NUMBER 23-EV-003H
	DATE MARCH 2023	MODEL(S) Ioniq 5 Electric (NE1)
SUBJECT: VEHICLE CHARGE MANAGEMENT SYSTEM (VCMS) UPDATE		

Description:

If you are servicing a vehicle with either of the following conditions perform the procedure in this Bulletin to update VCMS software.

- Intermittently stops charging before charging completes.
- EV Light On with DTC P1BAD “Charger Coupler Temperature Too High”.

Applicable Vehicles:

- 2022-2023MY IONIQ 5 Electric (NE1)

GDS Information:

System	Event #	Description
VCMS	927*	NE EV VCMS CHARGING CONDITION SOFTWARE LOGIC IMPROVEMENT

* or select the latest available Event # that displays in GDS.

Warranty Information:

VEHICLE	OP CODE	OP NAME	OP TIME	CAUSAL PART	NATURE	CAUSE
Ioniq 5 Electric (NE1)	35001Q0C	VCMS Upgrade	0.3 M/H	35001-1XAA0	I11	ZZ3

NOTE1: Normal warranty applies.

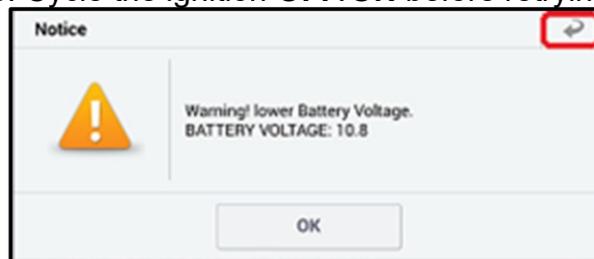
NOTE2: If a part that is not covered by this TSB needs replacement while performing this TSB, and the affected part is still under warranty, please submit a separate claim using the same repair order. If the part is out of warranty, submit a prior approval request for goodwill consideration prior to performing the work.

Service Procedure:**i Information****GDS ECU Updates must be performed in Auto Mode.**

- If ECU Update starts but then fails in Auto Mode, perform the update in Manual Mode to recover.
- Turn off ignition for 30 seconds and try Manual Mode recovery.
- If unsuccessful, re-attempt Manual Mode after disconnecting the cables from the 12V battery terminals and performing cap discharge (connecting bar or heavy wire between “+” to “-” cables).

! WARNING**GDS Vehicle Battery Voltage:**

- If the voltage is below 12 volts as per the GDS warning, then select **Back** and run the vehicle at least 15 minutes to reach an adequate battery state of charge to prevent an ECU Update failure. Cycle the ignition **OFF/ON** before retrying ECU update again.



1. Perform the VCMS Update in Auto Mode.
 - a. Use the Auto Mode ID Check to verify the VCMS ROM ID before updating the software.



b. After the ECU Upgrade process shows 100% complete, cycle the ignition key to **OFF** for at least 10 seconds to reset the control unit.

2. Perform an All Systems Fault Code search and erase the history of the DTC that had incidentally occurred from the ECU update.
3. Start the vehicle in **Ready** mode to confirm a proper operation of the vehicle.

ROM ID Information Table:

VEHICLE	SYSTEM	MY	VCU P/No.	ROM ID	
				OLD	NEW
IONIQ5 (NE)	VCMS	22-23MY	39751-1XNN1	ENEE1NM-CS1-D000	ENEE1NM-CS8-D000
				ENEE1NM-CS2-D000	
				ENEE1NM-CS3-D000	
				ENEE1NM-CS4-D000	

Manual Mode Password:

MENU	PASSWORD
NE EV VCMS 35001-1XAA0	8000