



HYUNDAI

Technical Service Bulletin

GROUP CAMPAIGN	NUMBER 22-01-083H
DATE NOVEMBER 2022	MODEL(S) SONATA HYBRID (DN8 HEV)

SUBJECT: SONATA HYBRID INTEGRATED ELECTRONIC BOOSTER S/W
UPDATE (SERVICE CAMPAIGN T9G)

* IMPORTANT

Dealers must perform this service campaign prior to customer retail delivery and whenever an affected vehicle is in the shop for any maintenance or repair.

Access the "Vehicle Information" screen (VIS) via WEBDCS to identify open campaigns.

Description: This bulletin describes the procedure to verify, and if applicable perform an Integrated Electronic Booster (IEB) software update on certain 2022-2023MY Sonata Hybrid (DN8 HEV) vehicles. This software updates the DTC monitoring logic for C240201 Motor Electrical.

Applicable Vehicles:

- Certain 2022-2023MY Sonata Hybrid (DN8 HEV) vehicles produced from 6/17/2022 ~ 7/26/2022.

GDS Information: System Selection: - IEB:

Event #	Description
884	884.DN8 HEV IEB C240201 DTC IMPROVEMENT (ESC)

IEB ROM ID Table:

Model	Part Number	ROM ID	
		OLD	NEW
Sonata Hybrid (DN8 HEV)	58500-L5200	L5 IDB 1.04 1.11 032IAN1N1F-1-2121	L5 IDB 1.04 1.12 032IAO1O20-1-2731

Manual Mode Password Table:

Model	Menu	Password
Sonata Hybrid (DN8 HEV)	DN8 HEV IEB 58500-L5200	5200

Warranty Information:

Model	Op. Code	Operation	Op. Time	Causal Part	Nature Code	Cause Code
Sonata Hybrid (DN8 HEV)	20D119R1	Check Software Message	0.3 M/H	58500-L5200	I14	ZZ3
	20D119R0	Check Software Message & IEB Upgrade	0.3 M/H			

NOTE 1: Submit Claim on Campaign Claim Entry Screen

NOTE 2: If a part that is not covered by this campaign is found in need of replacement while performing the service campaign and the affected part is still under warranty, submit a separate claim using the same repair order. If the affected part is out of warranty, submit a Prior Approval request for goodwill consideration prior to the repair.

Service Procedure:***i* Information****Some IEB ECUs do not require the software update.**

After selecting the event, a message indicating the s/w update is not needed may be displayed on some vehicles. If this message is shown, no update is necessary, and the service procedure is complete.

1. Perform GDS Mobile software update per TSB **15-GI-001**.
2. Check for Diagnostic Trouble Codes in **ALL** menus and erase any DTC.
3. Confirm normal vehicle operation.

i* Information*GDS-M Vehicle Battery Low Voltage Warning:**

When the vehicle battery is lower than 12 volts, the GDS-M will trigger a Low Battery Voltage Warning. If this Warning occurs,

- A. Connect the battery to a fully charged battery jump pack or GR8 charger using "Power Supply Mode" to continue the software update.

OR

- B. Select "BACK" to exit the SW update. Then, start the engine and idle with the headlights on for 20 minutes. Return to the SW update after charging the battery.

***i* Information****You must initially perform GDS-M IEB Update in Auto Mode.**

If the IEB Update starts but then fails in Auto Mode, perform the update in Manual Mode to recover.

**Information****Precautions to take during update:**

- Perform update with ignition switch in the ON position, but do not start the engine.
- Do not turn off the ignition switch.
- Turn off all vehicle lights and accessories (heater, A/C blower, radio, seat warmer, defroster, etc.).
- Do not disconnect any cables connected to the vehicle and scan tool.