



GROUP CAMPAIGN	NUMBER 18-01-028
DATE SEPTEMBER, 2018	MODEL(S) IONIQ HEV (AE HEV)

SUBJECT: IONIQ AE HEV BMS UPDATE - (SERVICE CAMPAIGN T3D)

*** IMPORTANT**

***** Dealer Stock and Retail Vehicles *****

Dealers must perform this Service Campaign on all affected vehicles prior to customer retail delivery and whenever an affected vehicle is in the shop for any maintenance or repair.

When a vehicle arrives at the Service Department, access Hyundai Motor America's "Warranty Vehicle Information" screen via WEBDCS to identify open Campaigns.

Description:

This bulletin provides information related to a BMS (Battery Management System) ECU software update to revise the 12V LiOn battery system management and diagnostics.

Applicable Vehicle: 2017-2018MY Ioniq Hybrid (AE HEV) vehicles.

GDS Information:

System Selection: BMS	
Event #	Description
475*	AE HEV - BMS DIAGNOSIS LOGIC IMPROVEMENT

(*or use a later available event as listed in the GDS ECU Update screen if one is available.)

Warranty Information:

Model	Op Code	Operation	Op Time	Causal Part	Nature Code	Causal Code
Ioniq (AE HEV)	80C033R0	BMS UPGRADE	0.3 M/H	37513-G2100	I3A	ZZ3

NOTE: Submit claim using the Campaign Claim Entry Screen.

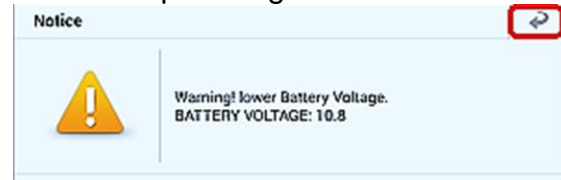
NOTICE

You must initially perform the GDS ECU Update in Auto Mode.

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

 **WARNING**
GDS Vehicle Battery Voltage Warning:

If voltage is below 12 volts as per the below GDS warning, then select **Back** and operate the vehicle in Ready mode for at least 20 minutes to ensure an adequate battery state of charge for reliable update results. Turn ignition back on, and then retry the ECU update again.

**Service Procedure:**

1. Perform GDS software update:
 - Refer to TSB **15-GI-001** for the detailed tablet-based Mobile GDS ECU update procedures.
 - Refer to TSB **15-GI-002** for the detailed PC-based GDS ECU update procedures.
2. Check for Diagnostic Trouble Codes in the **ALL** menus and erase any DTC.
3. Erase the DTC in the BlueLink system according to TSB 12-BE-005-2.
4. Confirm normal vehicle operation.

ROM ID Information Table:

Vehicle	BMS P/No.	ROM ID	
		OLD	NEW
AE HEV	37513-G2100	4408	5808
		4608	
		4808	
		5008	
		5208	
		5408	
		5608	

Manual Mode Password:

MENU	PASSWORD
AE HEV (12V Li-ion Battery) BMS 37513-G2100	2100