



GROUP CAMPAIGN	NUMBER 18-01-044
DATE DECEMBER, 2018	MODEL(S) IONIQ Hybrid/ Plug-In Hybrid (AE HEV/PHEV)

SUBJECT: IONIQ AE HEV/PHEV ECM UPDATE - (SERVICE CAMPAIGN T3P)

*** IMPORTANT**

***** DEALER STOCK ONLY *****

Dealers must perform this Service Campaign on all affected vehicles prior to customer retail delivery.

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 an ECM (Engine Control Module) ECU software update for OBD (On Board Diagnostics) logic improvement. The Freeze Frame Data has been updated for multiple DTC.

Applicable Vehicle: 2019MY Ioniq Hybrid/Plug In Hybrid (AE HEV/PHEV) vehicles.

GDS Information:

System Selection: ECM	
Event #	Description
504	AE HEV - OBD DIAGNOSIS LOGIC IMPROVEMENT
505	AE PHEV - OBD DIAGNOSIS LOGIC IMPROVEMENT

Warranty Information:

Model	Op Code	Operation	Op Time	Causal Part	Nature Code	Causal Code
Ioniq Hybrid/ Plug-In Hybrid (AE HEV/ PHEV)	80C085R1	ECM UPGRADE	0.3 M/H	37513-G2100	I14	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.



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	ENGINE	ECU P/No.	CAL ID	
			OLD	NEW
AE HEV	1.6GDI	39110-03HM4	AED9S6HE0SF1	AED9S6HE0SF2
AE PHEV	1.6GDI	39110-03HS1	AED9S6PE0SF1	AED9S6PE0SF2

Manual Mode Password:

Hybrid:

MENU	PASSWORD
AE HEV 39110-03HM4	0034

Plug-In Hybrid:

MENU	PASSWORD
AE PHEV 39110-03HS1	0031