SUBJECT:	ESCAHB SOFTWARE UPDATE - BRAKE PEDAL SENSITIVITY IMPROVEMENT (SERVICE CAMPAIGN T3H)

GDS Global Diagnostic System HYUNDAI ECU Update

★ **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 describes the procedure to update the ESCAHB (Electronic Stability Control Active Hydraulic Braking) software on 2019 model year Ioniq Hybrid/Plug-in Hybrid (AE HEV/PHEV) vehicles to revise the sensitivity of the brake pedal application.

Applicable Vehicles:
- 2019MY Ioniq Hybrid (AE HEV) and Plug-In Hybrid (AE PHEV) vehicles

Warranty Information:

Model	Op Code	Operation	Op Time	Causal Part #	Nature Code	Cause Code
Ioniq Hybrid / Plug-in (AE HEV / PHEV)	80C076R1	ESC Update	0.3 M/H	***See NOTE2***	D72	ZZ3

NOTE1: Submit claim using the Campaign Claim Entry Screen.
NOTE2: Use the applicable P/N listed in the ROM ID Information Table on the following page.

⚠️**WARNING**

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

Service Procedure:

1a.   Perform GDS software update in Auto Mode:
- Refer to TSB 15-GI-001 for the detailed tablet-based Mobile GDS ECU update procedures.

NOTICE

You must initially perform 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.

1b.   Select upgrade Event 492.

GDS Information:

System Selection: **ESCAHB**	
Event #	Description
492*	AE HEV/PHEV ESC BRAKE PERFORMANCE IMPROVEMENT

*Use a later available event as listed in the GDS ECU Update screen if one is available.

ROM ID Information Table:

Model	System	Option	P/N	ROM ID	
				OLD	NEW
AE HEV/PHEV	ESCAHB	Non-SCC	58500-G2300	3B2BAO1H15-1-8328	3B2BAP1H15-1-8829
		SCC	58500-G2400	3B2BAP1H15-1-8329	3B2BAQ1H15-1-8830

SCC: Smart Cruise Control

1c.   If the update fails in Auto Mode, perform the upgrade using Manual Mode.

1d.   Turn the ignition to the OFF position for about 10 seconds, then place it back to the ON position before performing the upgrade in Manual Mode.

1e.   Select Event 492.

1f.   Enter the appropriate password from the table below.

Manual Mode Password:

Menu	Password
AE HEV/PHEV -SCC 58500-G2300	2300
AE HEV/PHEV +SCC 58500-G2400	2400

-SCC: Non-Smart Cruise Control
+SCC: Smart Cruise Control equipped vehicle

2.   After the update is complete, perform a "Fault Code Searching" in ALL systems and erase any DTC.

3.   Erase the DTC in the BlueLink system according to TSB 12-BE-005-2.

4.   Confirm normal vehicle operation.