SUBJECT: LF PHEV OBC UPDATE - (SERVICE CAMPAIGN T2Z)

GDS 🔵 HYUNDAI Global Diagnostic System ECU Update

★ 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 an OBC (On Board Charger) software update for Sonata Plug-In Hybrid (LF PHEV) vehicles.

Applicable Vehicle: Certain 2016-2017MY Sonata Plug-In Hybrid (LF PHEV) vehicles.

GDS Information:

System Selection: **OBC**

Event #	Description
461*	LF PHEV OBC - CHARGING LAMP CONTROL 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
Sonata Plug-In LF PHEV	80C017R0	OBC UPDATE	0.3 M/H	36401-3D025	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.

Circulate To: Service Manager, Warranty Manager, Service Advisors, Technicians, Fleet Repair

⚠ 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.

Notice ↵

⚠ Warning! lower Battery Voltage.
BATTERY VOLTAGE: 10.8
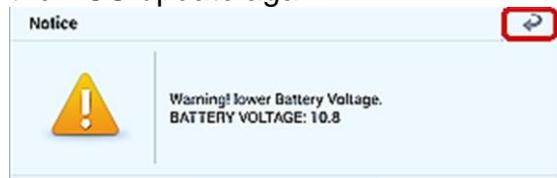
Service Procedure:

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:

MODEL	SYSTEM	OBC P/No.	ROM ID	
			OLD	NEW
LF PHEV	OBC	36400-3D025	5.01 5.03	5.05

Manual Mode Password:

MENU	PASSWORD
LF PHEV OBC 36400-3D025	3025