



GROUP CAMPAIGN	NUMBER 20-01-049H
DATE December 2020	MODEL(S) Ioniq (AE) HEV/PHEV

SUBJECT: ECM UPDATE FOR IONIQ HEV/PHEV OBD COMMUNICATION TEST LOGIC AND DTC P0128 (SERVICE CAMPAIGN T5N)

★ IMPORTANT

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

Dealers must perform this Recall 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 "Vehicle Information Screen (VIS)" screen via WEBDCS to identify open Campaigns.

Description:

This bulletin provides information related to the Engine Control Module (ECM) software update for OBD communication test logic, and for DTC P0128 "Coolant thermostat - Coolant temp Below thermostat regulating Temperature". There are no drivability related conditions.

Applicable Vehicle:

- Certain 2019 Ioniq Hybrid/Plug In (AE HEV/PHEV)

GDS Information:

System Selection: Engine (ECM)	
Event #	Description
611*	AE HEV/PHEV - P0128 DTC IMPROVEMENT

*or any later updated event that comes up.

Warranty Information:

Model	Op Code	Operation	Op Time	Causal Part	Nature Code	Causal Code
Ioniq (AE) HEV/PHEV	00D094R0	ECM UPGRADE	0.3 M/H	39110-03HM4	I14	ZZ3

NOTE 1: Submit Claim on Campaign Claim Entry Screen.

NOTE 2: If a part is found in need of replacement while performing this Campaign and the affected part is still under warranty, submit a separate warranty claim using the same Repair Order. If the affected part is out of warranty, submit a Prior Approval Request for goodwill consideration prior to performing the work.

NOTICE

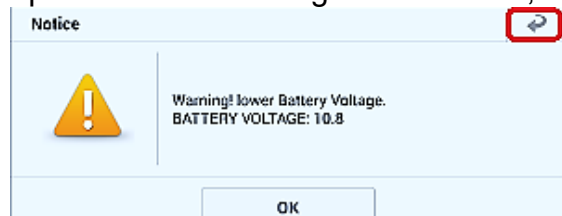
You must initially perform the GDS ECU Update in Auto Mode.

- 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 run the vehicle 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. Confirm normal vehicle operation.

ROM ID Table:

VEHICLE	ENGINE	MY	HEV/PHEV	ECU P/No.	ROM ID		
					OLD	NEW	
Ioniq (AE) HEV/ PHEV	1.6GDI	19MY	HEV	39101-03HM4	AED9S6HE0SF0	AED9S6HE0SF4	
					AED9S6HE0SF1		
					AED9S6HE0SF2		
					AED9S6HE0SF3		
				PHEV	39101-03HS1	AED9S6PE0SF0	AED9S6PE0SF4
						AED9S6PE0SF1	
						AED9S6PE0SF2	
						AED9S6PE0SF3	

Manual Mode Password:

MENU	PASSWORD
AE 1.6GDI HEV/PHEV DCT +IMMO 39101-03HM4	1034
AE 1.6GDI HEV/PHEV DCT +IMMO 39101-03HS1	1031

NOTE: -IMMO=Key start, +IMMO=SSB