

 HYUNDAI Technical Service Bulletin	GROUP CAMPAIGN	NUMBER 21-01-044H
	DATE June, 2021	MODEL(S) Kona (OS) 2.0L
SUBJECT: KONA (OS) 2.0L ECU UPDATE FOR COLD IDLE STABILITY (SERVICE CAMPAIGN T6S)		

★ 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 "Vehicle Information Screen (VIS)" via WEBDCS to identify open Campaigns.

Description: This bulletin provides information related to the ECU (Engine Control Unit) software update for KONA (OS) 2.0L vehicles. This update revises the logic of idle fuel adaptive range to prevent idle combustion instability.

Applicable Vehicles:

- Certain 2022 Kona (OS) with 2.0L engine.

GDS Information:

System Selection: **ECU (Engine Control Unit)**

Event #	Description
700*	OS PE 2.0 MPI - ECU LOGIC IMPROVEMENT FOR NU ATK IDLE STABILITY IN EXTREME COLD CONDITION

*or any later updated event that comes up.

Warranty Information:

Model	Op. Code	Operation	Op. Time	Causal Part	Causal Code	Nature Code
Kona (OS)	10D093R1	ECM UPGRADE	0.3 M/H	39171-2JDF0	I11	ZZ3

Note 1: Submit Claim on Campaign Claim Entry Screen

Note 2: If a part that is not covered in this campaign 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-M Vehicle Battery Low 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 the GDS software update.
(Refer to TSB **15-GI-001** for the detailed tablet-based Mobile 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	IMMO	ECU P/N	ROM ID	
				OLD	NEW
OS PE	2.0 ATK	+IMMO	39171-2JDF0	OSCV D0AMF3XC SG7A	OSCV D0AMF3XC SG7B
		-IMMO	39173-2JDF0	OSCV D0ASF3XC SG7A	OSCV D0ASF3XC SG7B
		+IMMO	39175-2JDF0	OSCV D0AMF3XC SG7A	OSCV D0AMF3XC SG7B
		-IMMO	39177-2JDF0	OSCV D0ASF3XC SG7A	OSCV D0ASF3XC SG7B

Note: +IMMO = Push Button Start, -IMMO = Key Start

Manual Mode Password:

MENU	PASSWORD
OS PE 2.0 MPI -IMMO 39173/7-2JDF0	7001
OS PE 2.0 MPI +IMMO 39171/5-2JDF0	7002