	GROUP	NUMBER
HYUNDAI	**CAMPAIGN**	**21-01-019H**
Technical Service Bulletin	DATE	MODEL(S)
	March, 2021	**Kona Electric (OS EV)**

SUBJECT:	KONA ELECTRIC(OS EV) VCULDC CONTROL LOGIC IMPROVEMENT (SERVICE CAMPAIGN T6C)

★ 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 VCULDC(Vehicle Control Unit & Low DC-DC Converter) software update for KONA Electric(OS EV) vehicles. This update is also part of the high-voltage battery monitoring logic improvement by optimizing software of each system.

Applicable Vehicles:
- Certain 2019-2021 Kona Electric (OS EV)

GDS Information:

System Selection: **VCULDC**

Event #	Description
657*	OS EV - VCULDC CONTROL LOGIC IMPROVEMENT

*or any later updated event that comes up.

Warranty Information:

Model	Op. Code	Operation	Op. Time	Causal Part	Causal Code	Nature Code
Kona Electric (OS EV)	00D111R1	VCULDC UPGRADE	0.3 M/H	36601-0E170	I11	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.
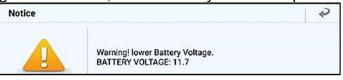
NOTICE

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-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.

Notice	↩
⚠️	Warning! lower Battery Voltage. BATTERY VOLTAGE: 11.7

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	SYSTEM	VCULDC P/No.	ROM ID	
			OLD	**NEW**
Kona (OS EV)	VCULDC	36601-0E170	EOSEJNM-NS0-D000	EOSEKNM-NS8-D000
			EOSEJNM-NS1-D000	
			EOSEJNM-NS2-D000	
			EOSEKNM-NS3-D000	
			EOSEKNM-NS4-D000	
			EOSEKNM-NS5-D000	
			EOSEKNM-NS6-D000	
			EOSEKNM-NS7-D000	

Manual Mode Password:

MENU	PASSWORD
OS EV VCULDC 36601-0E170	0170