HYUNDAI Technical Service Bulletin	GROUP **Body Electrical**	NUMBER **22-BE-002H**
	DATE **MAY 2022**	MODEL(S) **PALISADE (LX2)**

SUBJECT:	LX2 ICU UPDATE – HAPTIC MOTOR WARNING MESSAGE

Description: Certain 2019-2022MY Palisade (LX2) vehicles may display a haptic motor check on the cluster. This bulletin provides the procedure to update the Integrated Central Control Unit (ICU) software to resolve this condition.

ICU DTC Codes:
B2473 (Haptic Warning System Open Circuit)
B2474 (Haptic Warning System Short to Ground)

Applicable Vehicles: Certain 2019-2022MY Palisade (LX2) vehicles equipped with haptic steering wheel feedback, produced from 4/10/2019 until 11/23/2021.

GDS Information: System Selection - **ICU:**

Event #	Description
783	783.LX2 ICU S/W UPDATE FOR HAPTIC MOTOR WARNING MESSAGE

Warranty Information:

MODEL	OP CODE	OPERATION	OP TIME	CAUSAL PART*	NATURE CODE	CAUSE CODE
Palisade (LX2)	91950F12	ICU Upgrade	0.3 M/H	91950-xxxxx 91951-xxxxx	T72	ZZ3

NOTE 1: Normal Warranty Applies
*NOTE 2: Refer to the applicable parts catalog for the full causal part number.

Service Procedure:
1. Perform GDS Mobile software update per TSB **15-GI-001.**
2. After successful completion of **ECM software update,** disconnect the power connector in the junction box located on the driver's side lower dash for 5 seconds, then reconnect it.

3. If necessary, reconnect GDS/VCI.
4. Check for Diagnostic Trouble Codes in **ALL** menus and erase any DTC.
5. Confirm normal vehicle operation.

⚠️WARNING

GDS-M Vehicle Battery Low Voltage Warning:
When the vehicle battery is lower than 12 volts, the GDS-M will trigger a Low Battery Voltage Warning. If this Warning occurs,
    A. Connect the battery to a fully charged battery jump pack or GR8 charger using "Power Supply Mode" to continue the software update.

OR
    B. Select "BACK" to exit the SW update. Then, start the engine and idle with the headlights on for 20 minutes. Return to the SW update after charging the battery.

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

🔵 *NOTICE*

You must initially perform GDS-M ICU Update in Auto Mode.
If the ICU Update starts but then fails in Auto Mode, perform the update in Manual Mode to recover.

NOTICE

Precautions to take during upgrade:
- Perform upgrade with ignition switch in the ON position, but do not start the engine.
- Do not turn off the ignition switch.
- Turn off all vehicle lights and accessories (heater, A/C blower, radio, seat warmer, defroster, etc.).
- Do not disconnect any cables connected to the vehicle and scan tool.

ICU ROM Information Table:

| MODEL | PART NUMBER | ROM ID | |
		OLD	NEW
Palisade (LX2)	91950-S8040	4.01 4.02 4.03	4.15
	91950-S8220		
	91950-S8240		
	91950-S8260		
	91950-S8280		
	91950-S8041	4.04 4.10 4.11 4.12 4.13 4.14	
	91950-S8221		
	91950-S8241		
	91950-S8261		
	91950-S8281		
	91951-S8661	4.10 4.11 4.12 4.13 4.14	
	91951-S8771		
	91951-S8781		
	91951-S8791		
	91951-S8801		

Manual Mode Password Table:

MODEL	MENU	PASSWORD
Palisade (LX2)	LX2 ICU 91950/1-S8010~961	0415