HYUNDAI
Technical Service Bulletin

GROUP	NUMBER
BRAKES	**23-BR-003H**
DATE	MODEL(S)
OCTOBER 2023	**PALISADE (LX2 PE)**

SUBJECT: SNOW MODE ACCELERATION S/W UPDATE FOR TCS LOGIC

Description: Certain 2023-24MY Palisade (LX2) vehicles may exhibit reduced acceleration when driving in "Snow" mode on a curved road. This may be due to the Traction Control System (TCS) logic becoming too sensitive and reducing engine torque in these conditions. Follow the procedures in this bulletin to update the TCS logic in the Electronic Stability Control (ESC) system to resolve this condition.

Applicable Vehicles:
- 2023-24MY Palisade (LX2) produced 05/01/2022 – 06/29/2023

GDS Information:

System	Event #	Description
ESC	1017	LX2 PE ESC Software Update (TCS Logic)

(*or use a later available event as listed in the GDS ESC System Update screen if one is available.)

Warranty Information:

Model	Op. Code	Operation	Op. Time	Casual Part	Nature Code	Cause Code
Palisade (LX2)	58900F05	ESC Software Update for TCS Logic	0.4 M/H	58910-S8700	I14	ZZ3

NOTE 1: Normal warranty applies.
NOTE 2: Submit claim on Claim Entry Screen as "Warranty" type.
NOTE 3: This TSB includes Repair validation photos. Op times include VIN, Mileage, and photo capture of the "ECU Update Complete" screen as outlined in the Digital Documentation Policy.
NOTE 4: If a part is found in need of replacement while performing this TSB and the affected part is still under warranty, submit a separate 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.

Service Procedure:

STUI 📷

This TSB includes Repair validation photos. Refer to the latest Digital Documentation Policy for requirements.
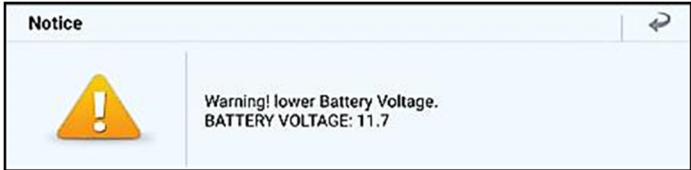

NOTICE

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.

NOTICE

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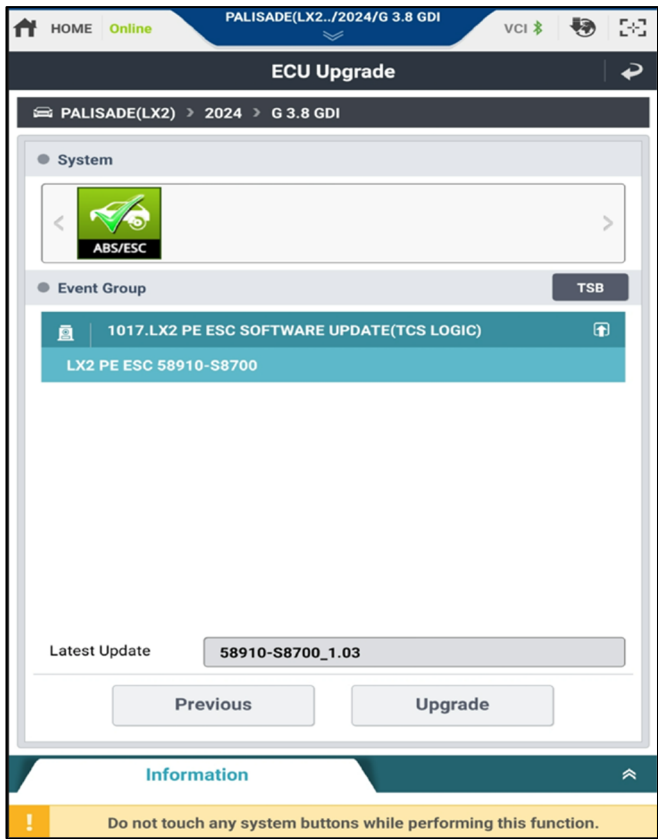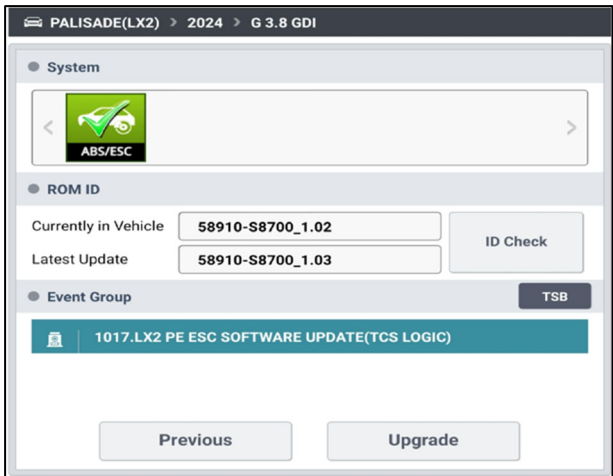
Notice	↩
⚠️	Warning! lower Battery Voltage. BATTERY VOLTAGE: 11.7

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1. Perform the ECU Update in Auto Mode.

   Use the Auto Mode ID Check to verify the ECU ROM ID before updating the software.
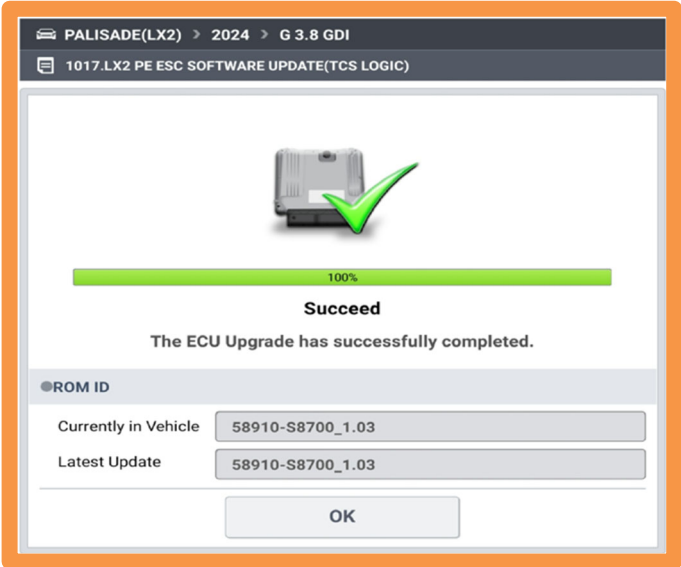
   i **Information**

   Refer to TSB 15-GI-001 for additional tablet-based Mobile GDS ECU update information.

2.

| STUI |
| Take a screenshot of the ECU Update Complete screen using your particular tablet's screenshot save method and upload to STUI. |

PALISADE(LX2) > 2024 > G 3.8 GDI
1017.LX2 PE ESC SOFTWARE UPDATE(TCS LOGIC)

100%
Succeed
The ECU Upgrade has successfully completed.

●ROM ID

Currently in Vehicle   58910-S8700_1.03
Latest Update   58910-S8700_1.03

OK

3. After the ECU Upgrade process shows 100% complete, cycle the ignition key to OFF for at least 10 seconds to reset the control unit.

4. Perform an All Systems Fault Code search and erase the history of the DTC that had incidentally occurred from the ECU update.

5. Start the engine to confirm proper operation of the vehicle.

ROM ID Information Table:

Model	MY	System	HECU Part Number	ROM ID	
				OLD	NEW
LX2	2023-24	ESC	58910-S8700	1.01	1.03
				1.02	

Manual Mode Password:

ECM Menu	Password
LX2 PE ESC 58910-S8700	8700