

 HYUNDAI Technical Service Bulletin	GROUP AUTOMATIC TRANSMISSION	NUMBER 21-AT-008H-1
	DATE AUGUST, 2021	MODEL(S) PALISADE (LX2)
SUBJECT: PALISADE (LX2) SCU UPDATE		

This TSB supersedes TSB 21-AT-008H to update the Op Code and GDS Event #, add 2021 model year and DTC P060148.

Description: This bulletin describes the procedure to update the Shift Control Unit (SCU) for Shift-by-Wire (SBW). The update is to revise the logic for the following DTC:

- P060148 (Functional Safety Level 2 SW failure)
- P106D00 (Actuator initialization error)
- P106D71 (Actuator motor stuck error)
- U110382 (SBW lever Alive counter error).

Applicable Vehicles: 2020~21 MY Palisade (LX2) 3.8L vehicles produced prior to August 25, 2020

GDS Information: System selection: **SCU**

Event #	Description
724*	724.LX2 3.8 GDI SCU LOGIC IMPROVEMENT (DTC DIAGNOSIS LOGIC IMPROVEMENT)

* Or use the latest event that appears in the GDS TCU Update screen for the LX2.

Warranty Information:

Model	Op Code	Operation	Op Time	Causal Part	Nature Code	Cause Code
Palisade (LX2)	42951F01	SCU UPGRADE	0.3 M/H	42950-4G056	173	ZZ3

NOTE: Normal Warranty applies

ROM ID Information Table:

Model	SCU Part Number	CAL ID	
		Old	New
Palisade (LX2)	42951-4G056	SLX0R00NS0	SLX0R00NSB
		SLX0R00NS1	
		SLX0R00NS2	
		SLX0R00NS3	
		SLX0R00NS4	
		SLX0R00NS5	
		SLX0R00NS6	
		SLX0R00NS7	
		SLX0R00NS8	
		SLX0R00NS9	
		SLX0R00NSA	

Circulate To: General Manager, Service Manager, Parts Manager, Warranty Manager, Service Advisors, Technicians, Body Shop Manager, Fleet Repair

NOTICE

You must initially perform GDS SCU Update in Auto Mode.

- If the update starts but then fails in Auto Mode, disconnect the battery cables and touch the cables together for 1 minute. Reconnect the battery cables. Attach a battery charger to the battery. Perform the update in Manual Mode to recover.
- Refer to the General Instructions found in TSB 15-GI-001 (GDS Mobile).

Manual Mode Password:

Menu	Password
LX2 3.8GDI SCU 42951-4G056	6504

Service Procedure:

1. Check for Diagnostic Trouble Codes and erase any DTC.
2. Reset the A/T adaptive learning values using GDS: **S/W Management, Automatic Transaxle and Resetting Auto Trans Adaptive Values**. Follow the prompts on the GDS.