



Technical Service Bulletin

GROUP	NUMBER
ENGINE	23-FL-006G
DATE	MODEL(S)
OCTOBER 2023	GV70 (JK1) 3.5T GV70 (JK1a) 3.5T GV80 (JX1) 3.5T

SUBJECT: COASTING MODE UPDATE (DELETE SOC CONDITION)

Description: This bulletin provides the procedure to update the ECU software to optimize the Coasting Mode function.

Symptom/Condition: Neutral Coasting Mode may not activate under certain conditions when the battery State of Charge (SOC) is less than 75%. This update revises the software logic to be activated regardless of battery SOC.

Applicable Vehicles:

- 2022~23MY GV70 (JK1) 3.5T (VIN starts with 'KMU')
- 2024MY GV70 (JX1a) 3.5T (VIN starts with '5NM')
- 2021~24MY GV80 (JX1) 3.5T (All)

GDS Information:

System	Event #	Description
Engine	#1022	JK1(a) 3.5T NCC ACTIVATE CONDITION (DELETE SOC CONDITION)
	#1023	JX1 3.5T NCC ACTIVATE CONDITION (DELETE SOC CONDITION)

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

Warranty Information:

Model	Op. Code	Operation	Op. Time	Causal Part	Nature Code	Cause Code
All	39110FG6	ECU UPGRADE	0.4 M/H	39110-3N209 (JK1) 39110-3N270 (JK1a) 39110-3N396 (JX1)	I11	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 Repair validation photos 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

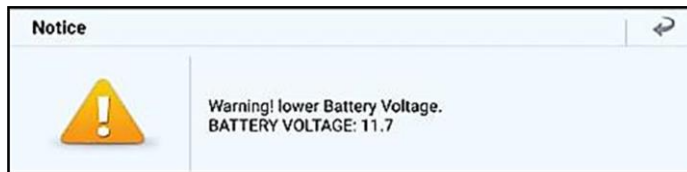
You must initially perform GDS ECU Update in Auto Mode.

- If the TCU Update starts but then fails in Auto Mode, disconnect the battery cables and connect the cables together for one minute. Reconnect the battery cables, attach a battery charger and 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.

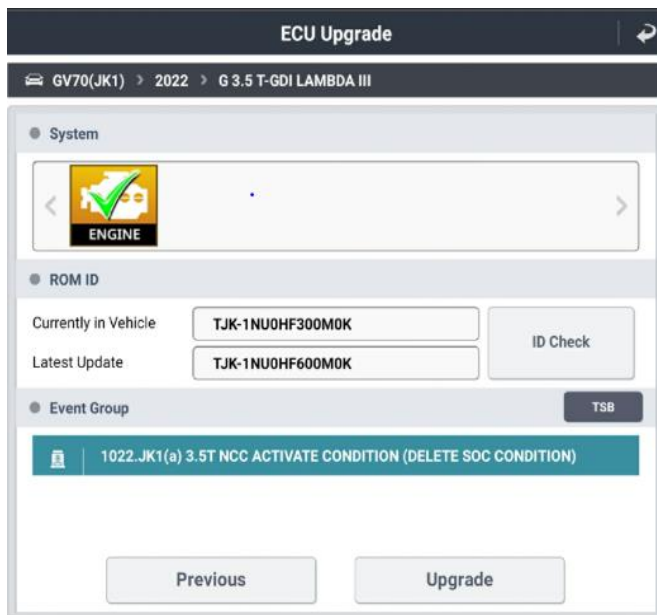


1. Perform the ECU Update in Auto Mode.

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.

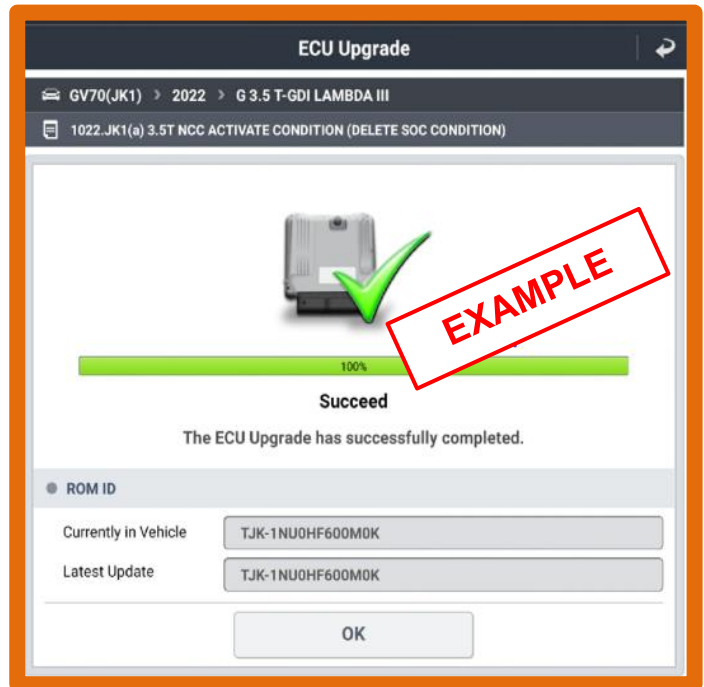


2.

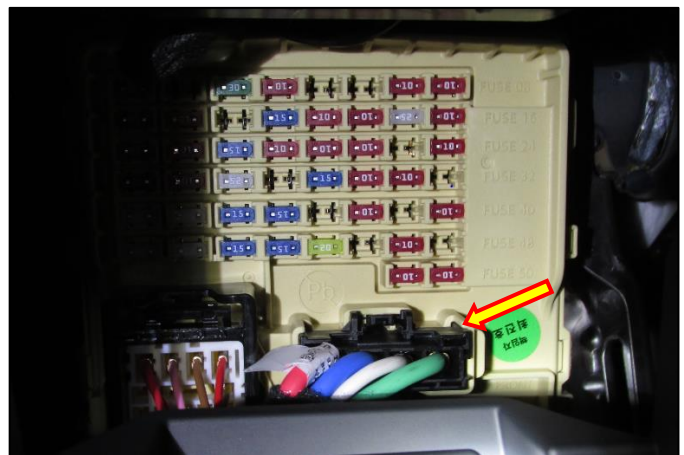
STUI



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



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. Open the inside fuse box, located under the dash on the driver's side.
Disconnect the power connector.
Wait 5 seconds.
Reconnect the power connector.



5. Perform an All Systems Fault Code search and erase the history of the DTC that had incidentally occurred from the ECU update.
6. Start the vehicle and confirm proper operation of the vehicle.

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ECU ROM ID Table: Event #1022

Model	MY	Part Number	ROM ID	
			Old	New
GV70 (JK1)	22MY	39110-3N209	TJK-1NU0HF000M0K TJK-1NU0HF100M0K TJK-1NU0HF200M0K TJK-1NU0HF300M0K TJK-1NU0HF400M0K TJK-1NU0HF500M0K	TJK-1NU0HF600M0K
	22MY	39110-3N220	TJK-1NU0HF000M0K TJK-1NU0HF100M0K TJK-1NU0HF200M0K TJK-1NU0HF300M0K TJK-1NU0HF400M0K TJK-1NU0HF500M0K	TJK-1NU0HF600M0K
	23MY	39110-3N269	TJK-3NU0HF000M0K TJK-3NU0HF100M0K	TJK-3NU0HF200M0K
GV70 (JK1a)	24MY	39110-3N270	TJKA4NU0HF000M0K TJKA4NU0HF100M0K	TJKA4NU0HF200M0K

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ECU ROM ID Table: Event #1023

Model	MY	Part Number	ROM ID	ROM ID
			New	New
GV80 (JX1)	24MY	39110-3N396	TJX-4NU0HF000M0K TJX-4NU0HF100M0K TJX-4NU0HF200M0K	TJX-4NU0HF300M0K
	23MY	39110-3N395	TJX-3NU0HF000M0K TJX-3NU0HF100M0K	TJX-3NU0HF200M0K
	22MY	39110-3N392	TJX-2NU0HF000M0K TJX-2NU0HF100M0K TJX-2NU0HF200M0K	TJX-2NU0HF300M0K
	21MY	39128-3N021	TJX-0NU0HF000M0K TJX-0NU0HF001M0K TJX-0NU0HF002M0K TJX-0NU0HF003M0K TJX-0NU0HF004M0K TJX-0NU0HF005M0K TJX-0NU0HF006M0K TJX-0NU0HF007M0K TJX-0NU0HF800M0K TJX-0NU0HF900M0K TJX-0NU0HFA10M0K TJX-0NU0HFB10M0K TJX-0NU0HFC10M0K TJX-0NU0HFD10M0K TJX-0NU0HFE10M0K	TJX-0NU0HFF10M0K
	21MY	39128-3N022	TJX-0NU0HF000M0K TJX-0NU0HF001M0K TJX-0NU0HF002M0K TJX-0NU0HF003M0K TJX-0NU0HF004M0K TJX-0NU0HF005M0K TJX-0NU0HF006M0K TJX-0NU0HF007M0K TJX-0NU0HF800M0K TJX-0NU0HF900M0K TJX-0NU0HFA10M0K TJX-0NU0HFB10M0K TJX-0NU0HFC10M0K TJX-0NU0HFD10M0K TJX-0NU0HFE10M0K	TJX-0NU0HFF10M0K

SUBJECT: COASTING MODE UPDATE (DELETE SOC CONDITION)**Manual Update Passwords:**

Model	Event	Menu	Password
GV70 (JK1) 3.5T	#1022	JK1(a) 3.5 22MY 39110-3N209/20	3209
		JK1(a) 3.5 23MY 39110-3N269	3269
		JK1(a) 3.5 24MY 39110-3N270	3270
GV80 (JX1) 3.5T	#1023	JX1 3.5 24MY 39110-3N396	3396
		JX1 3.5 23MY 39110-3N395	3395
		JX1 3.5 22MY 39110-3N392	3392
		JX1 3.5 21MY 39128-3N021/2	3022