



GROUP	MODEL
ELE	2021-2025MY Seltos (SP2)
NUMBER	DATE
382	August 2025

## TECHNICAL SERVICE BULLETIN

SUBJECT:

### IBU LOGIC IMPROVEMENT

This bulletin provides information to upgrade the Integrated Body Control Unit (IBU) software on some 2021-2025MY Seltos (SP2) vehicles produced from November 20, 2019 through January 13, 2025. When the key fob is stored near the vehicle, a signal generated by the IBU for the 'Welcome Function' can cause the key fob battery to become depleted. The 'Welcome Function' is a convenience feature that activates certain features controlled by the IBU including the puddle lamps (if equipped) when approaching the vehicle with the smart key. By upgrading the IBU software, the 'Welcome Function' feature prevents the IBU from continuously signaling the key fob after five (5) minutes, improving the key fob battery. Follow the procedure outlined in the publication to upgrade the 'IBU' software using the KDS diagnostic tablet. Refer to [SST081](#) for software upgrade instructions using Kia Diagnostic System (KDS) tablet and VCI-II and confirm the Upgrade Event Number/Name, ROM ID Information, and Manual Mode passwords (if applicable) on the applicable vehicle.



#### NOTICE

**A Technical Service Bulletin is a field fix repair program without customer notification that may be performed during the warranty period. Any dealer requesting to perform this repair outside the warranty period will require DPSM approval.**

A printed copy is for reference only; publication information can be updated at any time. Always refer to KGIS for the latest information. After logging in kdealer.com, the newest technical publications are listed in 'Service Releases' and has the latest service information that has been released.

## IBU LOGIC IMPROVEMENT

Refer to [TSB SST081](#) for instructions to upgrade the 'IBU' system:

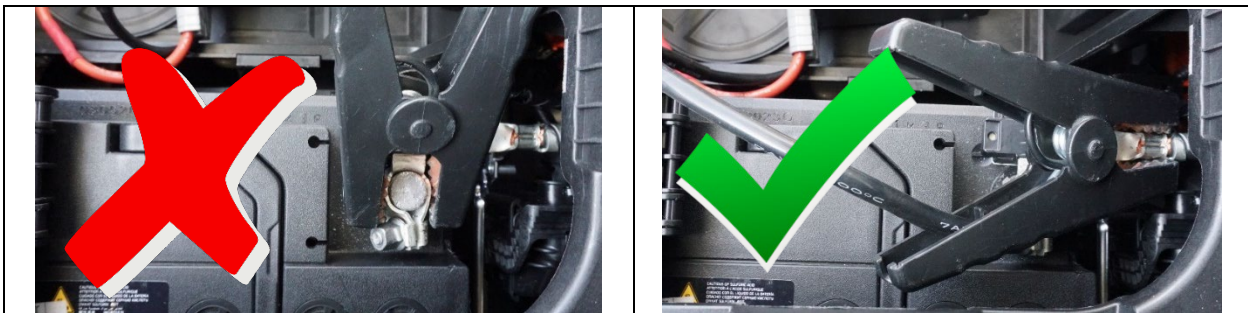
To correct this condition, the specified system module should be reprogrammed using KDS as described in this bulletin in 'Auto Mode'.

Upgrade Event Name
823.SP2 IBU Upgrade for Welcome Off Logic Improvement (+SMK Only)
826.SP2 PE IBU Upgrade for Welcome Off Logic Improvement (+SMK Only)


### NOTICE

- Confirm a fully charged battery (12.3 volts or higher is necessary) is used or utilize a fully charged jump starter box connected to the battery.
- **Ensure the KDS GDS is sufficiently charged at 60% or higher prior to reflash.**
- All ECU upgrades must be performed with the ignition set to the 'ON' position unless otherwise stated.
- **Damaged VCI II units should not be used and promptly replaced.**
- Be careful not to disconnect the VCI-II connected to the vehicle during the ECU upgrade procedure.
- **DO NOT start the engine during ECU upgrade.**
- DO NOT turn the ignition key 'OFF' or interrupt the power supply during ECU upgrade.
- **When the ECU upgrade is completed, turn the ignition 'OFF' and wait 10 seconds before starting the engine.**
- ONLY use approved ECU upgrade software designated for the correct application.

[Connect the negative \(-\) terminal to the battery as shown below.](#)



### NOTICE


Before attempting an ECU upgrade on any Kia model, make sure to first determine whether the applicable model is equipped with an immobilizer  security system. Failure to follow proper procedures may cause the PCM to become inoperative after the upgrade and any claims associated with this repair may be subject to chargeback.

SUBJECT:

**IBU LOGIC IMPROVEMENT****ROM ID Information Table:****❗ IMPORTANT**


It is recommended to **ALWAYS** check the Electronic Parts Catalog (EPC) to locate the ECU Part Number respective to Auto/Manual Mode ROM IDs. **DO NOT** reference the parts label affixed to the ECU.

**Upgrade Event #823**

Model	Model Year	System	IMMO 	ECU P/No.	ROM ID		
					Previous	New	
SP2	21MY	IBU	Yes	<u>95400</u>	Q5C10, Q5CJ0, Q5CK0, Q5CL0, Q5CM0, Q5CN0, Q5CO0, Q5CP0, Q5CQ0, Q5CR0, Q5CS0, Q5CT0, Q5CU0, Q5CV0, Q5CW0, Q5CX0, Q5DG0, Q5DH0, Q5DI0, Q5DJ0, Q5FG0, Q5FH0, Q5FI0, Q5FJ0, Q5FK0, Q5FL0, Q5FM0, Q5FN0, Q5FO0, Q5FP0, Q5FQ0, Q5FR0, Q5FS0, Q5FT0, Q5FU0, Q5FV0 Q5FW0, Q5FX0, Q5FY0, Q5FZ0	1.00 1.01 1.02 1.03 1.04 1.05 1.06 1.07 1.08 1.09 1.10	1.11
	22MY			<u>954B0</u>	Q5AL0, Q5AM0, Q5AN0, Q5AO0, Q5AP0, Q5AQ0, Q5AR0, Q5AS0, Q5AT0, Q5AU0, Q5AV0, Q5AW0 Q5AX0, Q5AY0, Q5AZ0, Q5BA0, Q5BB0, Q5BC0, Q5BD0, Q5BE0, Q5BF0, Q5BG0, Q5BH0, Q5BIO Q5BJ0, Q5BK0, Q5BLO, Q5BMO, Q5BNO, Q5BO0, Q5BP0, Q5BQ0, Q5BR0, Q5BS0, Q5BT0, Q5CC0 Q5CD0, Q5CE0, Q5CF0, Q5CG0, Q5CH0, Q5CI0, Q5CJ0, Q5CK0	1.00 1.01 1.02 1.03	1.04

*Continued on page 4...*

## Upgrade Event #826

Model	Model Year	System	IMMO 	ECU P/No.	ROM ID	
					Previous	New
SP2	23-25MY	IBU	Yes	954C0 Q5050	1.00	1.09
				954C0 Q5060	1.01	
				954C0 Q5080	1.02	
				954C0 Q5110	1.08	
				954C0 Q5130		
				954C0 Q5051	1.03	1.10
				954C0 Q5061	1.04	
				954C0 Q5081	1.05	
				954C0 Q5111	1.06	
				954C0 Q5131	1.07	

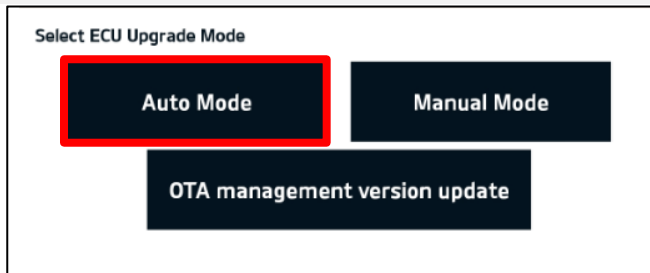
SUBJECT:

# IBU LOGIC IMPROVEMENT

## Software Information:

The required software must be installed by selecting the **'Auto Mode'** ECU Upgrade option.

**Note:** In some case, the 'Manual Mode' installation option may be required **ONLY** if the 'Auto Mode' function fails or is otherwise noted above.



### NOTICE

If the automatic upgrade fails, turn the ignition 'OFF' for about 10 seconds then place it back in the 'ON' position to reset the control unit **BEFORE** performing the manual upgrade.

Manual Mode' passwords.

Event No.	Menu	Password
823	SP2 IBU (~21MY) : 95400-Q5*** [+SMK only, Please, refer to the attached parts list in TSB]	4616
	SP2 IBU (22MY) : 954B0-Q5*** [+SMK only, Please, refer to the attached parts list in TSB]	7522
826	SP2 PE IBU (23MY~) : 954C0-Q5050/060/080/110/130	8641
	SP2 PE IBU (23MY~) : 954C0-Q5051/061/081/111/131	8922

## UPGRADE EVENT:

Select the applicable **'IBU'** system module and the Event Group.

### 21-22MY

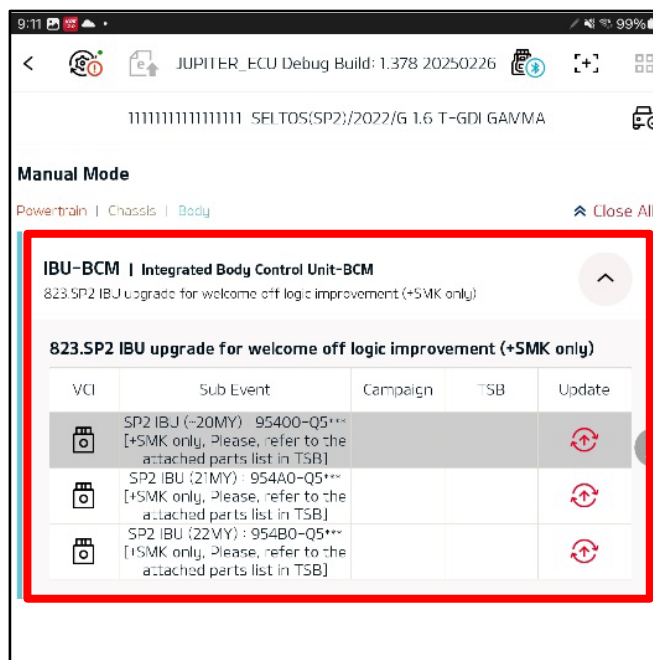
- 823.SP2 IBU Upgrade for Welcome Off Logic Improvement (+SMK Only)

or

### 23-25MY

- 826.SP2 PE IBU Upgrade for Welcome Off Logic Improvement (+SMK Only)

Verify the affected vehicle Calibration Identification of the applicable ECU ROM ID and reference the Information Table on pages 3 - 4 as necessary.




SUBJECT: **IBU LOGIC IMPROVEMENT**

**AFFECTED VEHICLE RANGE:**

Model	Production Date Range
Seltos (SP2)	November 20, 2019 to January 13, 2025

**REQUIRED TOOL:**

Tool Name	Part Number	Figure	Comments
Kia Diagnostic System (KDS)	N/A		KDS + VCI

**WARRANTY INFORMATION:**

**N Code: I14 C Code: ZZ3**

Model Code	Model Year	Claim Type	Causal P/N	Qty.	Repair Description	Labor Op Code	Op Time	Replacement P/N	Qty.
SP2KA* SP2KC*	21-22	W	95400 Q5CYO	0	Integrated Body Control Unit Logic Improvement	95400Q0A	0.4 M/H	N/A	0
SP2KA* SP2KC* SP2KD*	23-25		954C0 Q5010	0		954C0Q0A	0.5 M/H	N/A	0

**Note:** For Substitute Transportation policy, please refer to Service Policy and Procedures Manual (SPPM) 6.11 "Kia Substitute Transportation".

