



HYUNDAI

Technical Service Bulletin

GROUP CAMPAIGN	NUMBER 26-01-016H
DATE FEBRUARY 2026	MODEL(S) SANTA FE HYBRID (MX5A HEV)

SUBJECT: FPM SOFTWARE UPDATE
(LIMITED COVERAGE CAMPAIGN LA6A)

*** IMPORTANT**

Dealers must perform this field action on all affected vehicles within 5 / 60,000 New Vehicle Limited Warranty (NVLW) prior to customer retail delivery and whenever an affected vehicle is in the shop for any maintenance or repair. See Warranty Information section for more details.





Access the "Vehicle Information" screen via WebDCS to verify "Warranty Start Date" and ensure the vehicle is within NVLW, observing mileage prior to any repair work.

Description: Certain Santa Fe Hybrid (MX5A HEV) vehicles may experience a discharged battery condition due to the Fingerprint Module (FPM) not entering 'SLEEP' mode when the ignition is turned off. This bulletin provides instructions to perform a software update with revised logic for the FPM.

Applicable Vehicles (Certain):

Model Year	Model	Production Dates
2024-2025	Santa Fe Hybrid (MX5A HEV)	03/06/2024 – 02/10/2025

SST Information

Tool Name	Tool Number	Figure	Remarks	Ordering Information
VCI 3	G0VHNNN06		VCI 3 comes with the 19-pin cable (P/N G1XDDCA020 included here for reference)	Website: https://hyundaiesentialtools.com/ Email: Hyundaitools@snapon.com Phone: 1-855-763-9199 Hours: 7 AM – 7 PM CST
19-Pin Cable	G1XDDCA020			
VCI 2	G1XDDMN001		If using VCI 2, the ECI Kit will be required to complete software updates.	
Ethernet Communication Interface (ECI) Kit	G0XDDMN052			

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

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GDS Information:

System	Event Number	Description
FPM	1280	MX5A/MX5A HEV/MX5 HEV FPM LOGIC IMPROVEMENT

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

NOTE 1: The software update is subject to an OTA (Over-the-Air) option and may be completed by customers with active Bluelink subscriptions.

Warranty Information:

Model	Op. Code	Operation	Op. Time	Causal Part	Nature Code	Cause Code
Santa Fe Hybrid (MX5A HEV)	50DA57R0	FPM Software Update	0.4 M/H	955C0-P6000	I11	ZZ3

NOTE 1: Submit claim on Claim Entry Screen as “Campaign” type.

NOTE 2: If any part(s) not subject to this TSB are found in need of replacement while performing the repair procedure, and the affected part(s) are still under warranty, the dealer may submit a separate claim using the same repair order. If the part(s) not subject to this TSB are out of warranty coverage, the dealer has the option to submit a PA Request for goodwill consideration on a case-by-case basis.

NOTE 3: This TSB includes repair validation photos. Op times include VIN, mileage, and photo capture of the ECU Update “Success” screen as outlined in the Digital Documentation Policy.

ROM ID Information:

Model	Event	System	ECU Part Number	ROM ID	
				Old	New
Santa Fe Hybrid (MX5A HEV)	1280	FPM	955C0-P6000	1.00	1.80
				1.10	
				1.20	
				1.30	
				1.40	

Service Procedure:

DIGITAL DOCUMENTATION

This TSB includes repair validation photos. Refer to the latest Warranty 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

Ensure the vehicle's battery charge is **above 11.0 Volts** and the tablet's battery charge is **above 30%** before performing a software update to avoid update failure.

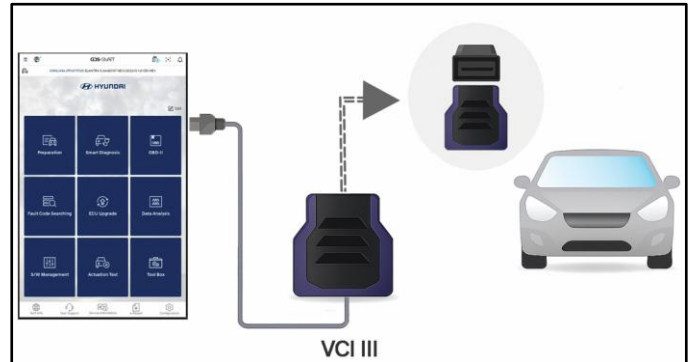
**Information**

- Turn **OFF** all lamps (do **NOT** leave head lamp switch in auto mode) and all accessories.
- Perform update with the ignition switch in the **ON** position.
- Do **NOT** disconnect any cables connected to the vehicle or scan tool during the update.
- Do **NOT** start the engine OR place in **Ready** mode during the update.
- Do **NOT** turn **OFF** the ignition switch during the update.

Configuration of Ethernet Communication on Tablet PC**i Information**

Refer to **TSB 23-GI-006H** for detailed information on configuring Ethernet communication for setup.

1. Connect the Ethernet Communication Interface (ECI) DLC cable to the OBD connector of the vehicle.
2. Connect the VCI DLC cable to the ECI.
3. Select the appropriate tablet cable (type C, 5-pin) to the ECI.
4. Connect the cable to the tablet PC.

**i Information**

The connection between the VCI 2 and tablet PC is wireless, whereas the tablet PC is connected to the vehicle through the ECI (Ethernet adapter).

If using the VCI 3, the ECI is **NOT** needed. Connect the tablet directly to the VCI 3 using the USB-C to 19-Pin Cable supplied in the VCI 3 Kit.

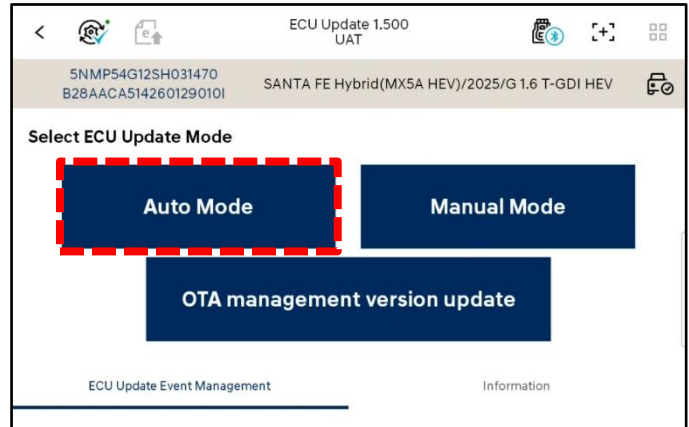
ECU Update Procedure

1. Perform the ECU update in **Auto Mode**.



Information

Refer to **TSB # 25-GI-011H**, “**ECU Update Procedure for Tablet-Based GDS-Smart**,” for additional information.



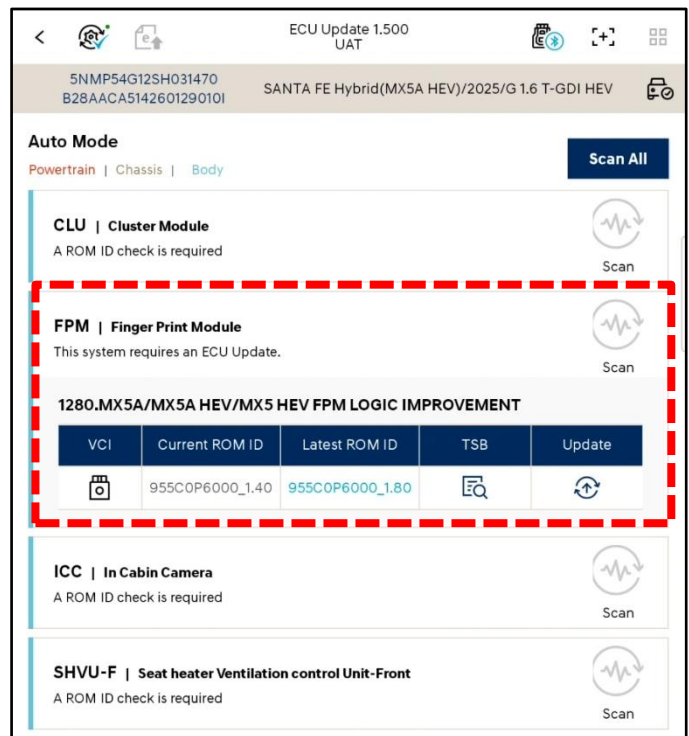
2. Select the **FPM** system to scan the vehicle’s current ROM ID.

NOTICE

Check the current ROM ID version and compare it to the ROM ID Information table before attempting to perform the software update.

NOTICE

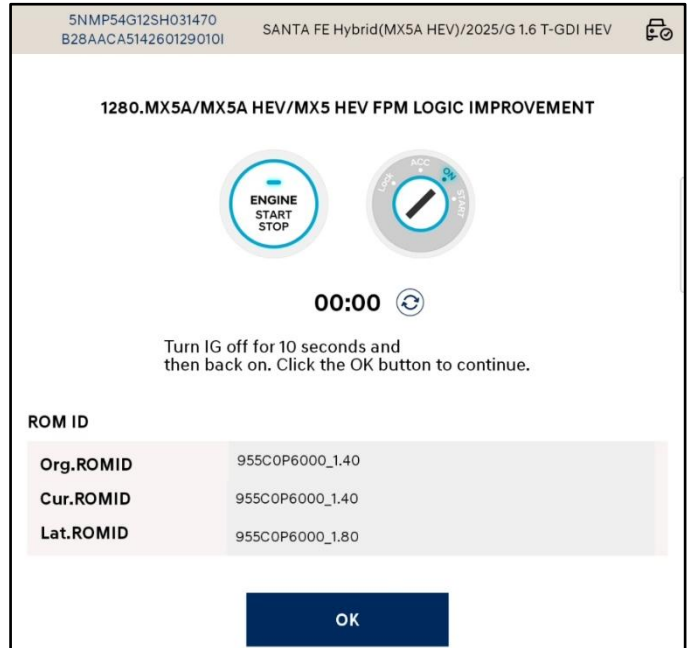
If the update fails, remove the power connector from the in-cabin fuse box for at least **5 seconds**. Alternatively, disconnect the negative (–) **12V** battery terminal, wait at least **5 seconds**. Reassemble and retry the update.



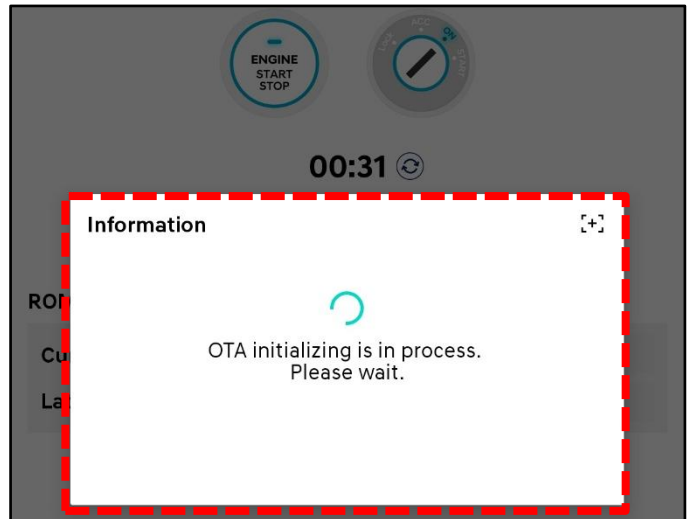
- After the ECU update process shows 100% complete, follow the prompts on the screen to cycle the ignition **OFF** for at least **10 seconds** to reset the control unit (certain models may take up to **30 seconds**).

i Information

Use the **Refresh** button to reset the timer.

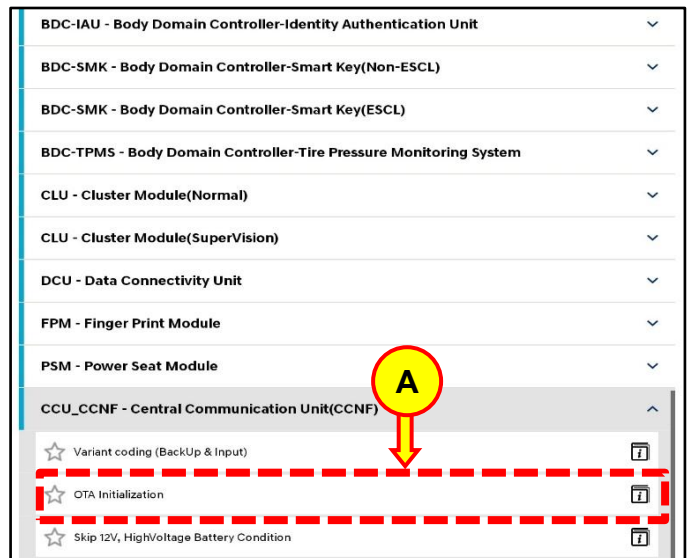


- OTA initialization should perform automatically:
 - If OTA initialization performs automatically, then proceed with the service procedure.



- If the OTA initialization process fails, complete it manually under: **S/W Management > CCU_CCNF - Central Communication Unit (CCNF) > OTA Initialization (A)**.

Follow the instructions on the screen.



5.

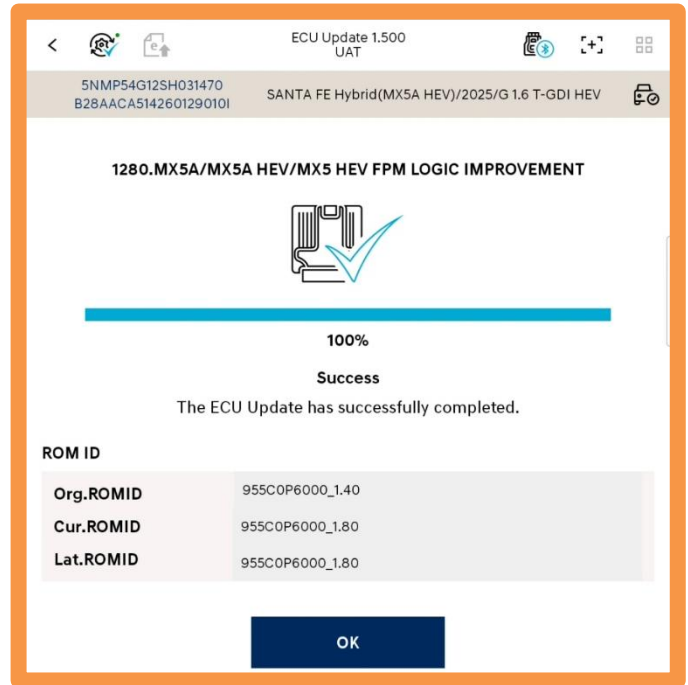
DIGITAL DOCUMENTATION



Using the tablet or GDS screen capture function, take a screenshot of the ECU update "Success" result screen.

Upload the photo to STUI.

NOTE: The VIN/Date/Time/Mileage photo imprint is **NOT** required for GDS screenshots.



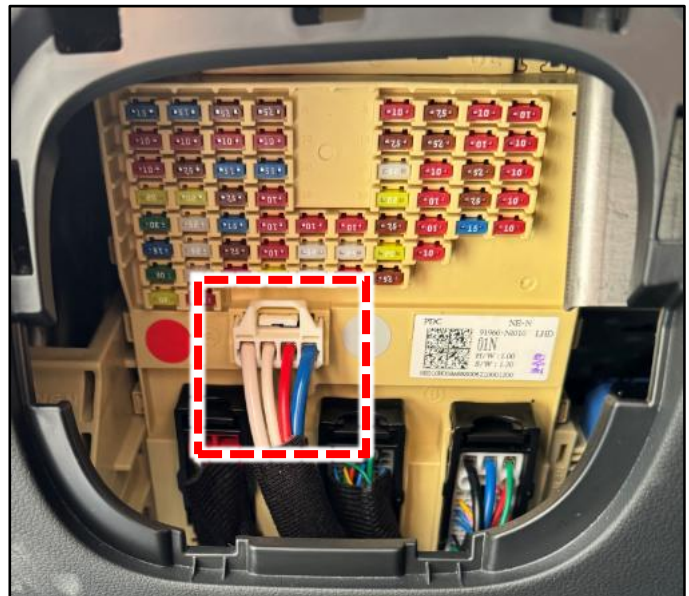
6. Perform an **All Systems Fault Code** search and erase DTC history that had incidentally occurred from the ECU update.



7. Disconnect the power connector of the indoor fuse box, wait at least **5 seconds**, then reconnect it.

i Information

Alternatively, disconnect the negative (-) **12V** battery terminal, wait **5 seconds**, then reconnect it.



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8. Place in **READY** mode to confirm operation of the vehicle.
9. The service procedure is now complete.

NOTICE

If the ECU update fails in Auto Mode, perform the update in Manual Mode using the password(s) below.

Manual Mode Password:

Event	Menu	Password
1280	MX5A/MX5A HEV/MX5 HEV FPM 955C0-P6000	0559