Description: This bulletin provides information on the learning procedure after IAU (Identity Authentication Unit), IBU (Integrated Body Control Unit), and/or BLE (Bluetooth Low Energy) unit(s) replacement.
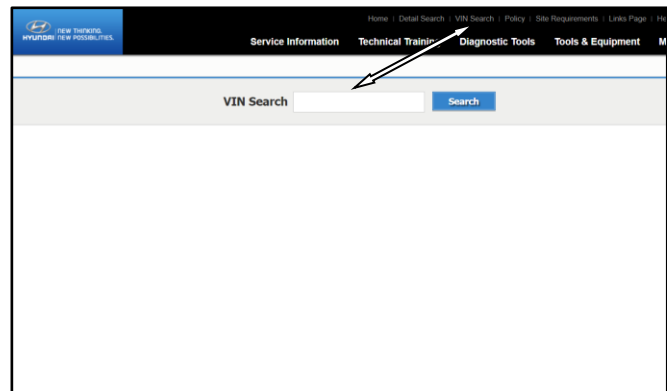

> **Applicable Vehicles:**
> Digital Key equipped Hyundai Models 2022MY or earlier.
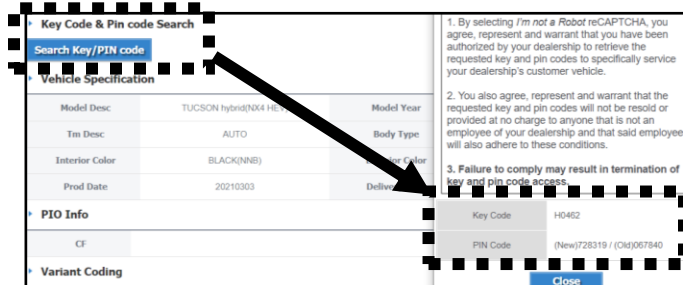
Warranty Information:
Normal warranty applies.

Service Procedure:

1. Collect PIN information from Hyundai Tech Info website that will be used for programming in later steps.

2. Select **Search Key/Pin Code** after entering VIN information and record New PIN information.
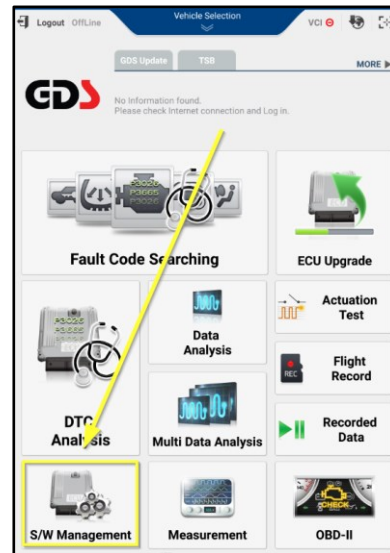

Circulate To: General Manager, Service Manager, Sales Manager, Parts Manager, Warranty Manager, Service Advisors, Technicians, Body Shop Manager, Fleet Repair

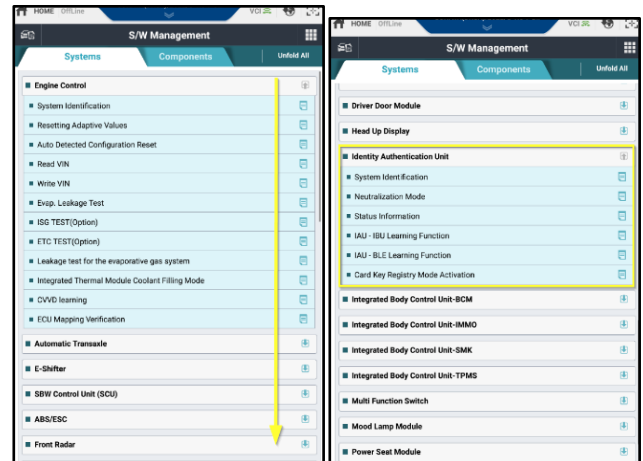3.   Connect VCI and confirm VIN has been updated on GDS.
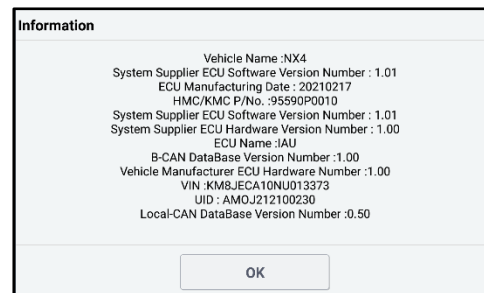
4.   Select **SW Management.**

5.   Scroll down to **Identity Authentication Unit.**

> **NOTICE**
>
> Both "IAU-IBU learning" and "IAU-BLE learning" must be done if replacing either IAU, IBU, or BLE units.

6.   Select **System Identification** and take a screenshot of the System Identification.
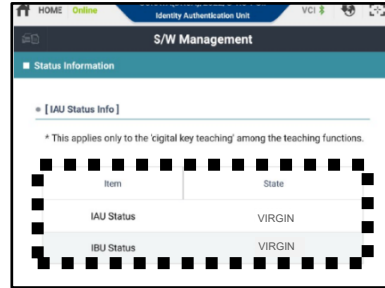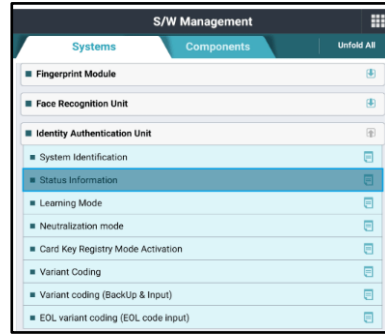
Information

Vehicle Name :NX4
System Supplier ECU Software Version Number : 1.01
ECU Manufacturing Date : 20210217
HMC/KMC P/No. :95590P0010
System Supplier ECU Software Version Number : 1.01
System Supplier ECU Hardware Version Number : 1.00
ECU Name :IAU
B-CAN DataBase Version Number :1.00
Vehicle Manufacturer ECU Hardware Number :1.00
VIN :KM8JECA10NU013373
UID : AMOJ212100230
Local-CAN DataBase Version Number :0.50

OK

7. Select **Status Information** & take a screenshot (Replacement parts should be in Virgin State).
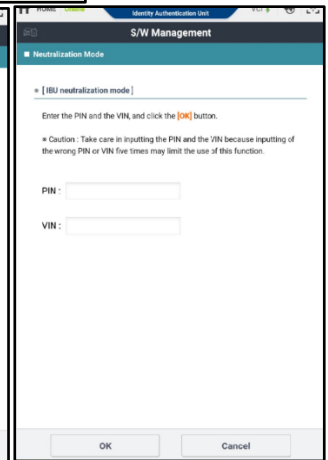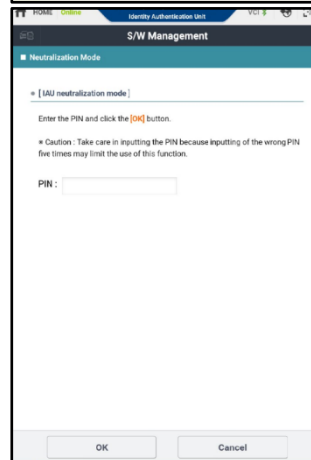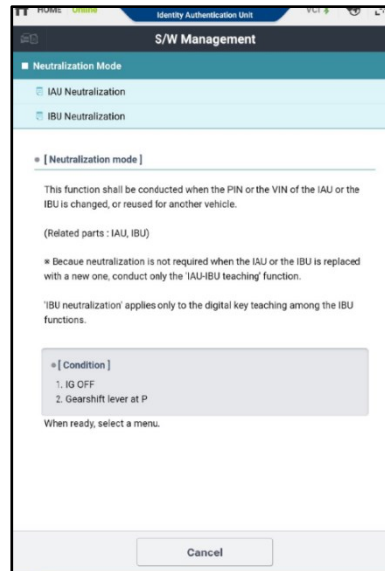
NOTICE

State	Description
Virgin	Initial state
Learnt	Learning completed state
Neutralized	Neutral state

8. Select **Neutralization Mode** and follow directions to neutralize both IAU & IBU.
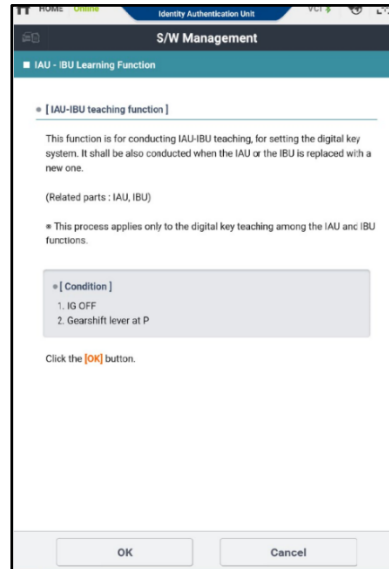
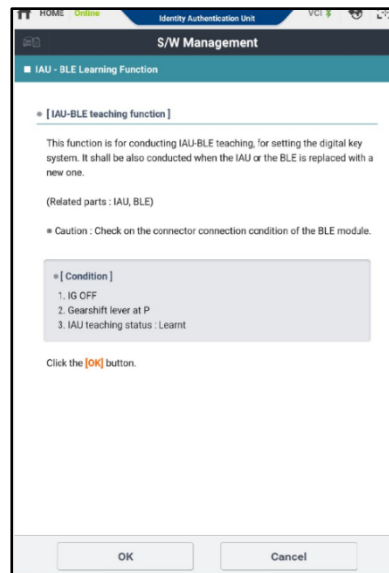**NOTICE**

PIN Code retrieved in Step 2.

9.   Select **IAU-IBU Learning Function** and follow the steps.
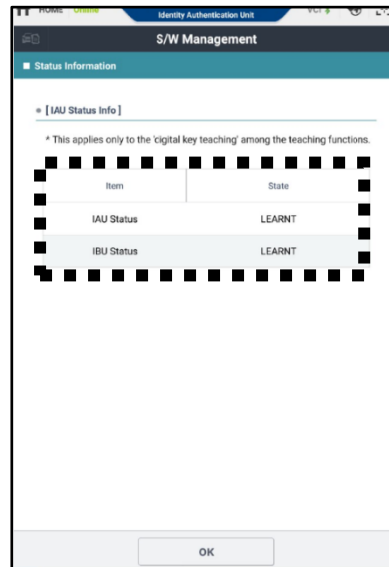
> ⚠ **CAUTION**
>
> When performing IAU-IBU or IAU-BLE learning, the digital key information previously stored in the vehicle is deleted.

10.   Select **IAU-BLE Learning Function** and follow the steps.

11.   Recheck the Status Information (step #7) – both IAU/IBU should be in **LEARNT.**

12. Register the card key by selecting **"Card Key Registry Mode Activation".**

> ## NOTICE
>
> For detailed steps on registering NFC card key, please refer to TSB 20-01-031H-1