 HYUNDAI Technical Service Bulletin	GROUP CAMPAIGN	NUMBER 23-01-016H
	DATE FEBRUARY, 2023	MODEL(S) ELANTRA (CN7/CN7a) ELANTRA N (CN7 N) ELANTRA HYBRID (CN7 HEV)
SUBJECT:	VEHICLE SHIPPED WITH ONE SMART KEY (SERVICE CAMPAIGN 988)	

This TSB supersedes 22-01-054H to provide a 2nd key FOB to the customer and reprogram the 2nd key FOB to the vehicle.

★ IMPORTANT

Dealers must perform this Service Campaign on all affected vehicles prior to customer retail delivery and whenever an affected vehicle is in the shop for any maintenance or repair.

Access the “Vehicle Information” screen via WEBDCS to identify open campaigns.

Description: Certain Elantra, Elantra Hybrid, & Elantra N vehicles normally equipped with two (2) complete Smart Key FOBs were delivered with only one (1) complete Smart Key FOB and one additional mechanical key. This bulletin outlines the procedure to provide the 2nd Smart Key FOB and outlines programming for both Smart Key FOBs.



STUI



This TSB includes STUI pictures as a requirement. The STUI pictures require the VIN Plate and Smart Key FOBs to be clearly visible. Please include a photo of both Smart Key FOBs near the VIN Plate located on the driver side door. Ensure the captured photo is completed according to the steps in the TSB. **All submitted claims without associated STUI photo that do not capture the VIN Plate and Smart Key FOBs are subject to debit. In addition, any claims found to have an illegible, incomplete, missing, or incorrect picture are subject to debit.**

For all Customers who lost, or no longer have access to their original Smart Key FOB (i.e., Vehicle tow-in), pairing with one Smart Key FOB is feasible as long as the technician has access to the vehicle. Clearly note this on the Repair Order and add a sticky note in the photo to confirm why there is only one key in the photo.

NOTICE

- Each customer was already provided 1 complete smart Key FOB (with mechanical key) and an additional mechanical key.
- Each customer will be provided a second key FOB (not including mechanical key) that will be programmed to the vehicle.
- Key code saving procedure must be performed for both Smart Key FOBs, the existing and the new Smart Key FOBs.

Applicable Vehicles:

- Certain 2022-2023MY Elantra (CN7/CN7a)
- Certain 2022-2023MY Elantra N (CN7 N)
- Certain 2023MY Elantra Hybrid (CN7 HEV)

Part Information:

Model	Part Name	Part Number	Image	Quantity	Comments
Elantra (CN7/CN7a) & Elantra Hybrid (CN7 HEV)	FOB-SMART KEY	95440-AA000QQH		1	5 Button plus Remote Start
Elantra N (CN7 N)	FOB-SMART KEY	95440-IB000QQH		1	5 Button plus Remote Start
Elantra N (CN7 N)	FOB-SMART KEY	95440-IB100QQH		1	4 Button, no Remote Start

Note 1: Vehicle PIN information must be retrieved prior to GDS pairing (Service Procedure A. Key/PIN Code Identification).

Note 2: If mechanical key is provided by the Customer, please insert/return to Smart Key FOB provided.

Warranty Information:

Model	OP Code	Operation	OP Time	Causal Part	Nature Code	Cause Code
Elantra (CN7-VIN starts with KMH), Elantra Hybrid (CN7 HEV)	20D122R1	Key FOB Pairing	0.3	95440-AA000QQH	B11	ZZ7
Elantra (CN7a-VIN starts with 5NP)	20D122R2	Key FOB Pairing	0.3	95440-AA000QQH	B11	ZZ7
Elantra N (CN7 N)	20D122R3	Key FOB Pairing-5 Button	0.3	95440-IB000QQH	B11	ZZ7
Elantra N (CN7 N)	20D122R4	Key FOB Pairing-4 Button	0.3	95440-IB100QQH	B11	ZZ7

Note 1: Submit Claim under Campaign Claim Entry Screen.

Note 2: If a part that is not covered by this campaign is in need of replacement while performing this campaign, and the affected part is still under warranty, please 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.

Note 3: Op time includes taking a STUI picture. A STUI picture of the 2 programmed smart key FOBs along with the VIN plate must be included and uploaded to STUI. If not included, claim will be subject to debit.

i Information

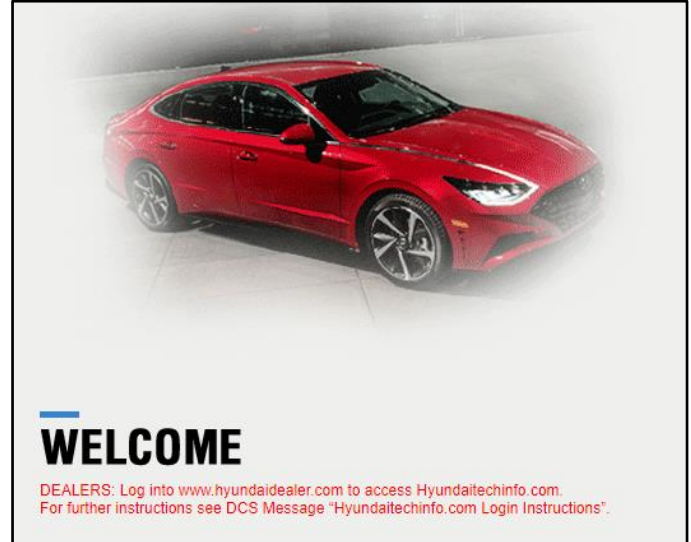
- Key code saving procedure must be performed for both Smart Key FOBs, the existing and the new Smart Key FOBs.

Service Procedure:

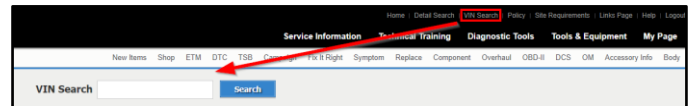
A. Key/PIN Code Identification

1. Retrieve Vehicle PIN information from Hyundai Tech Info:

<https://www.hyundaitechinfo.com/main.aspx>

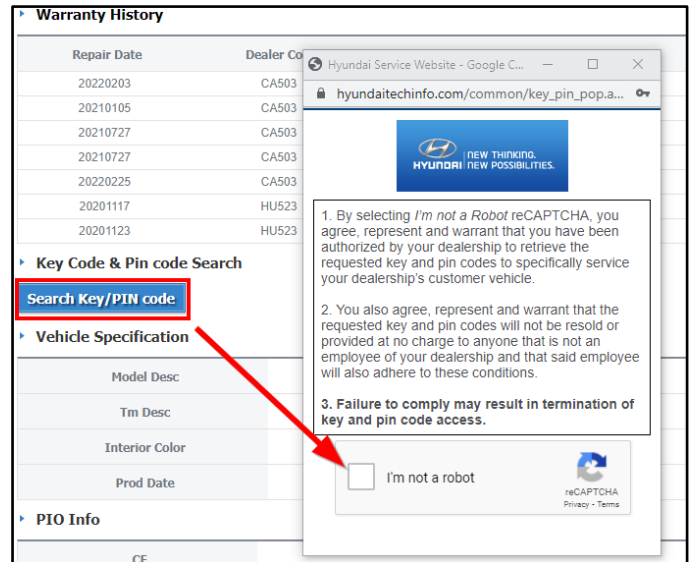


2. Select **VIN Search** and enter VIN information.



3. Scroll down and select **Search Key/PIN Code**.

Pop-up will appear, confirm you are not a robot.



4. Collect PIN Code **New**. This will be utilized when pairing with GDS. PIN Code is unique to every VIN.

Please proceed to Section B.

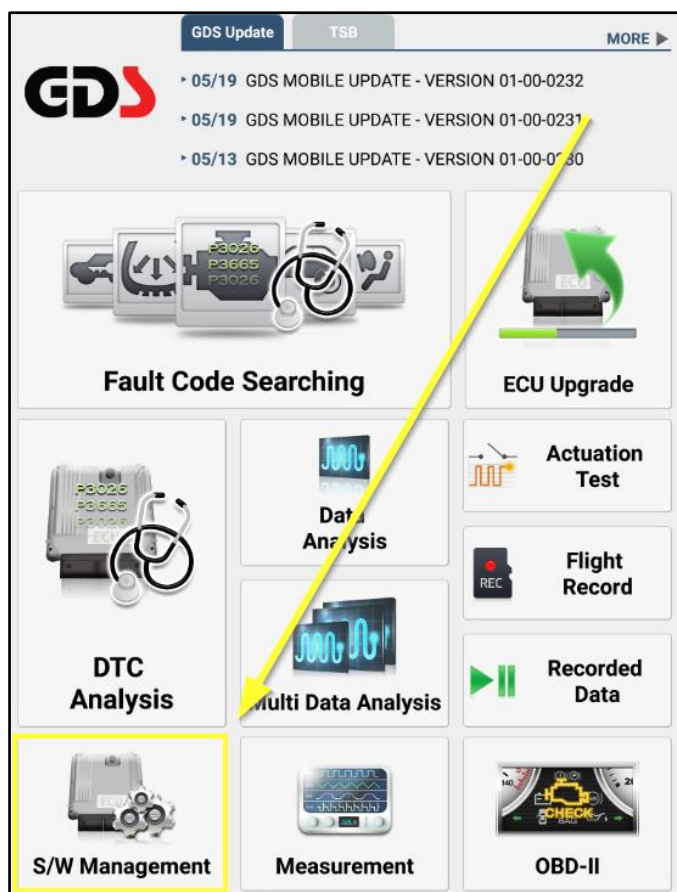


B. Smart Key FOB Setup via GDS

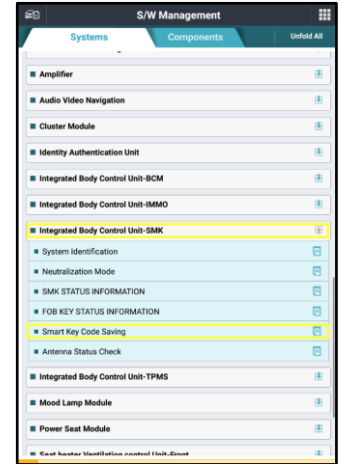
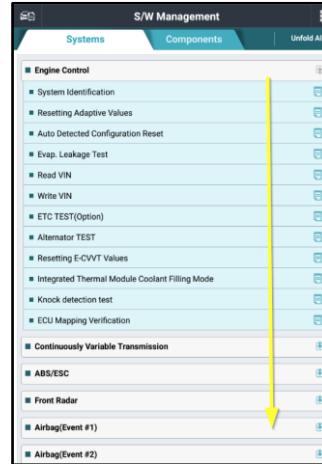
1. Enter vehicle with both Key FOBs, and ignition switch off. Plug in VCI and proceed to the GDS Home Page.



2. Select S/W Management.



3. Scroll down, select **Integrated Body Control Unit - SMK**, followed by **Smart Key Code Saving**.



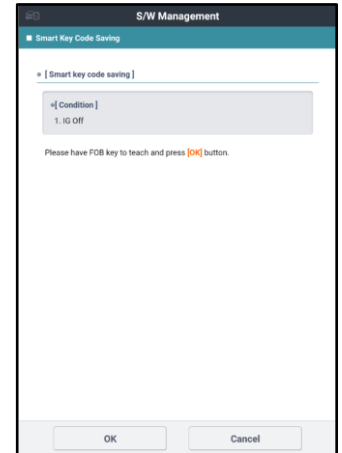
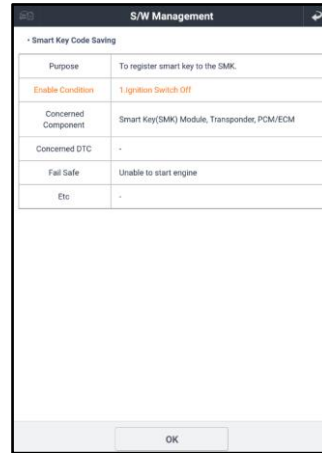
4. Select **OK** on next two windows.
On the second window, confirm all preconditions are met before proceeding.

NOTICE

Preconditions Include:

1. Ignition Switch Off

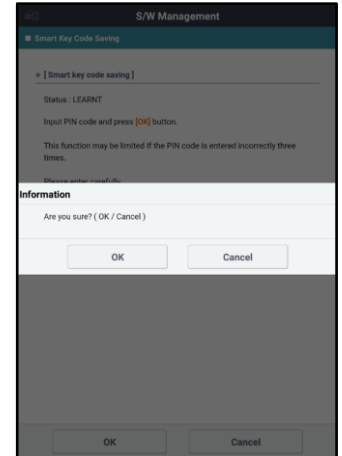
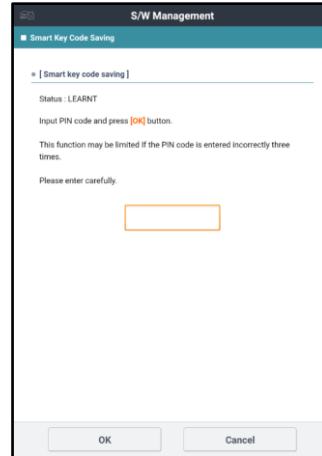
If preconditions are not met, user will receive an error message.



5. Enter new PIN that was generated from Section A, Step 4 and select **OK**.

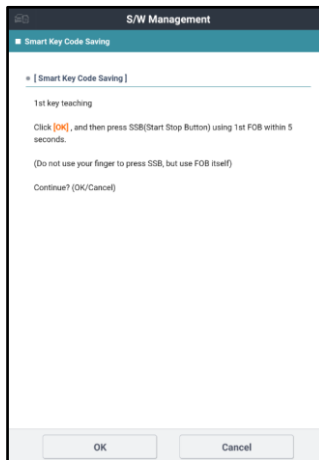
NOTICE

User is now ready to pair both Smart Key FOBs and will need them readily available.



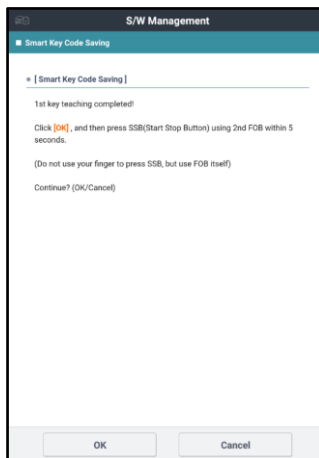
6. Begin pairing with first Smart Key FOB, by selecting **OK** on the GDS and depressing the Start Stop Button within 5 seconds as shown in photo.

After complete, GDS screen will update with “1st key teaching completed!”



7. Begin pairing 2nd Smart Key FOB, by selecting **OK** on the GDS and depressing the Start Stop Button within 5 seconds, as shown in photo.

After complete, GDS screen will update with “2nd key teaching completed!”

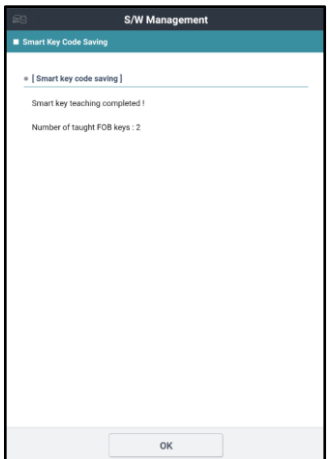
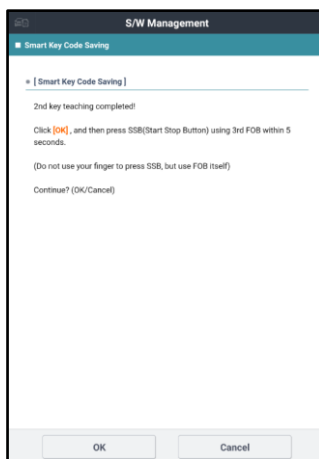


8. After both Smart Key FOBs have been paired, GDS will give user the option to pair a 3rd Smart Key FOB.

Disregard and select **Cancel**.

User will receive message “Smart key teaching completed!”

Both Smart Key FOBs are now paired to the vehicle, proceed to Step 9, and confirm both Smart Key FOBs are activated.



NOTICE

After pairing, Smart Key FOBs cannot be paired to another vehicle.

9. Turn IG OFF, exit vehicle, and close the door with both programmed Smart Key FOBs. Place one Smart Key FOB away from the vehicle and use the other Smart Key FOB to arm and disarm the vehicle alarm system.

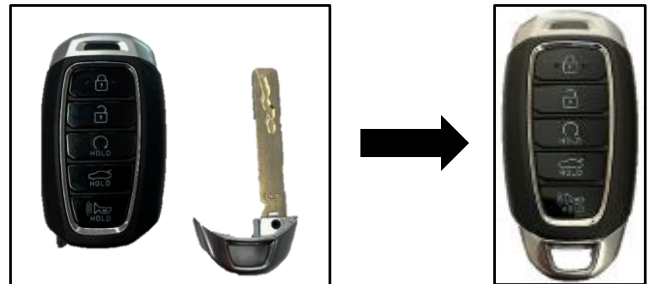
Unlock and enter vehicle only with one Smart Key FOB and confirm driver can start the vehicle.

NOTICE

This step needs to be done with both Smart Key FOBs.



10. If applicable, return mechanical key to Smart Key FOB compartment.



11. Collect photo of VIN Plate and Smart Key FOBs.

STUI



Using STUI, photograph both Smart Key FOBs with the VIN Plate. Ensure the photo is in focus and captures the VIN information. Upload the photo to STUI.

For Customers who lost their original Smart Key FOB, clearly note this on the Repair Order and add a sticky note in the photo to confirm why there is only one key.



12. This service procedure is now complete.