

DCT (Dual Clutch Transmission) Learning Function

Instructions

Tested Model: HYUNDAI Elantra (CN7C) 2024

Function Description:

1. This function must be performed when replacing the TCU and clutch assembly.
2. It must be performed sequentially with both the ignition on and the engine at idle.

Attention:

1. Engine status: Ignition ON, engine OFF
2. Brake status: ON (applied)
3. Shift lever: In P gear
4. No DTCs

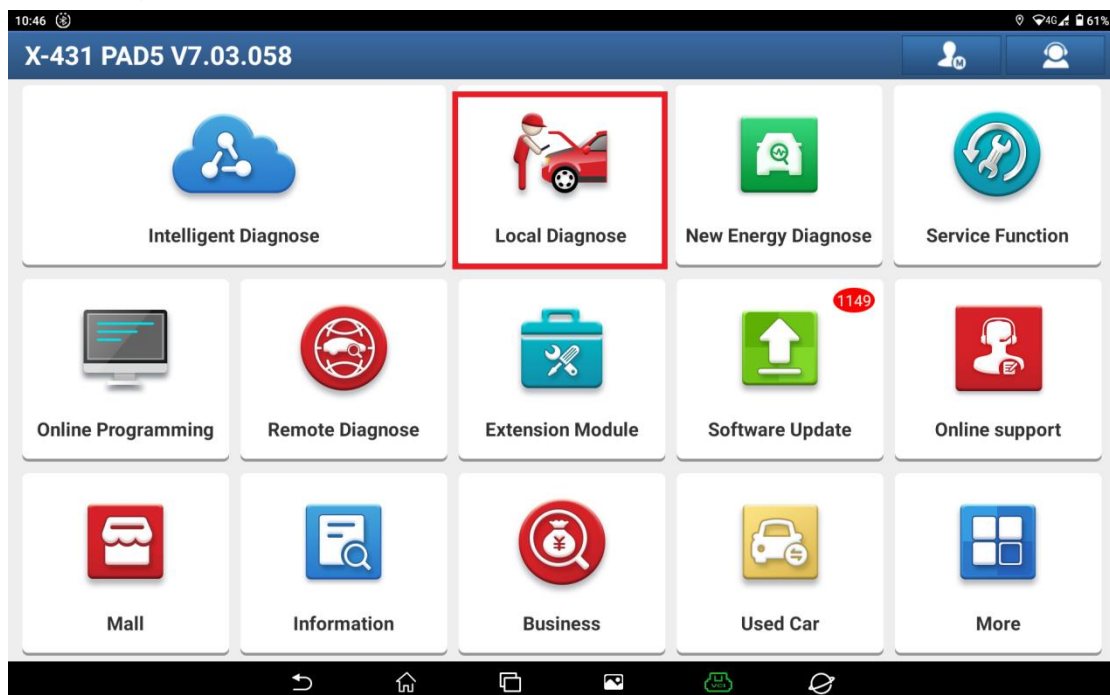
This process may take up to 30 seconds.

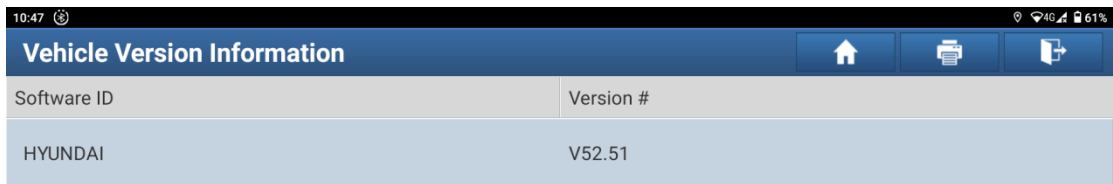
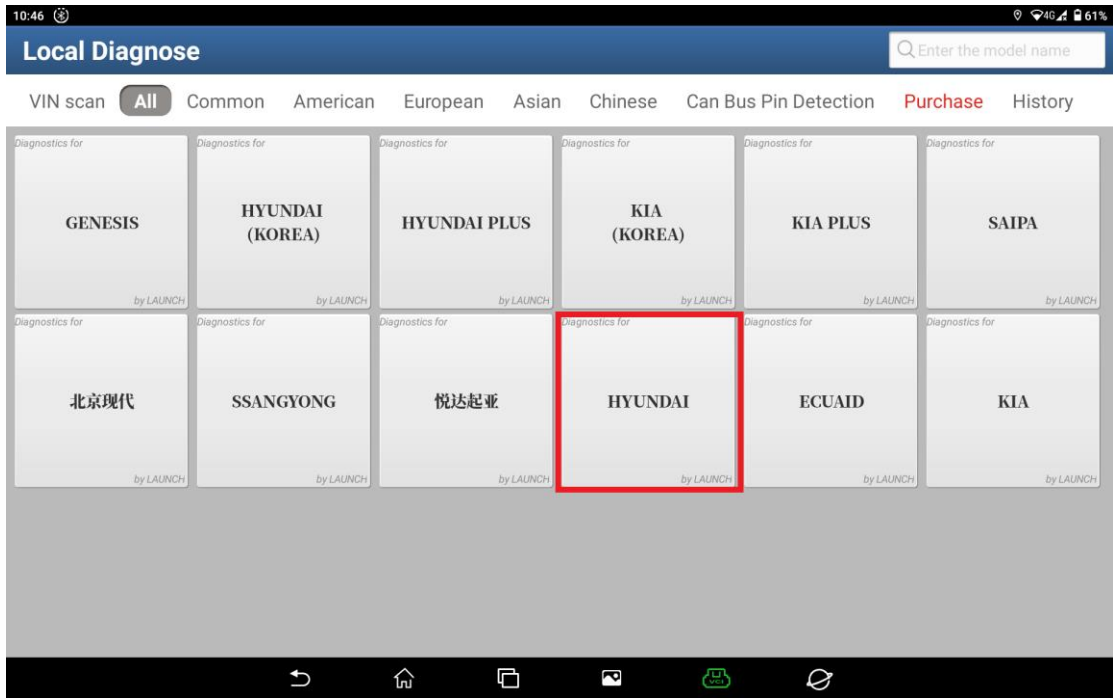
The DCT learning process is available only one time after the ignition is turned on.

To perform the function again, turn the ignition OFF and then ON again before retrying.

Procedure

1. On a PAD 5, choose [Local Diagnose], and then choose [HYUNDAI] for testing.





HYUNDAI diagnostic software V52.51

This version has the below updates:

Summary:

- Optimized software structure.

New Functions:

- none

Optimized Functions:

- Optimized software structure.

Fixed Bugs:

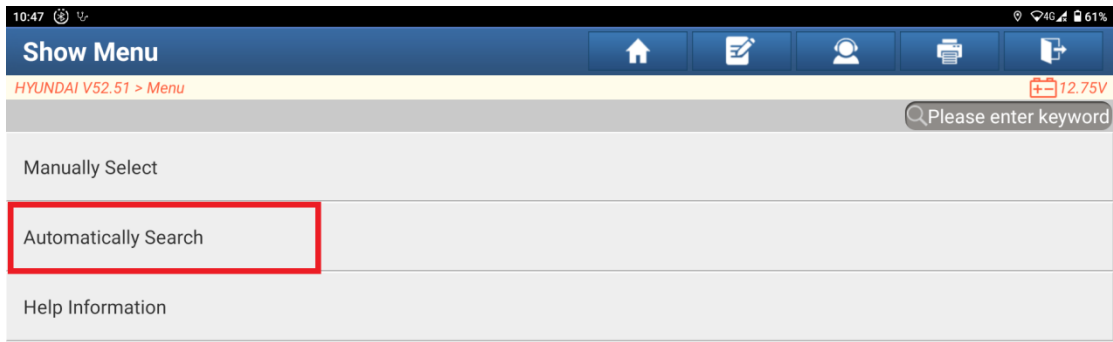
- none

Updates for Service Function:

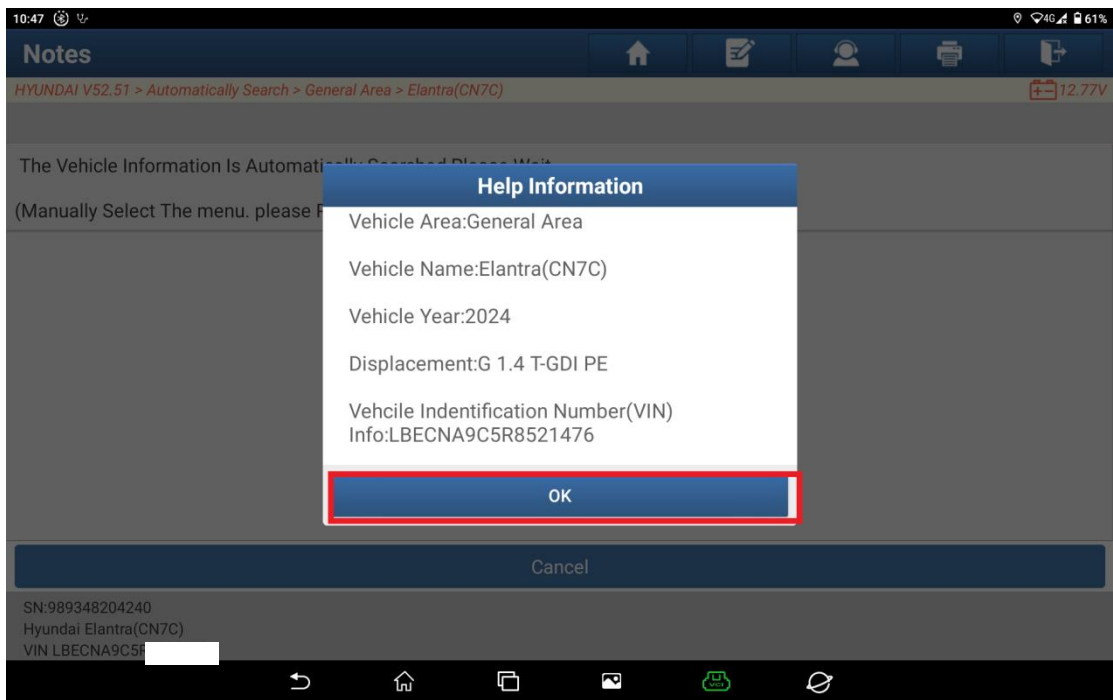
- none



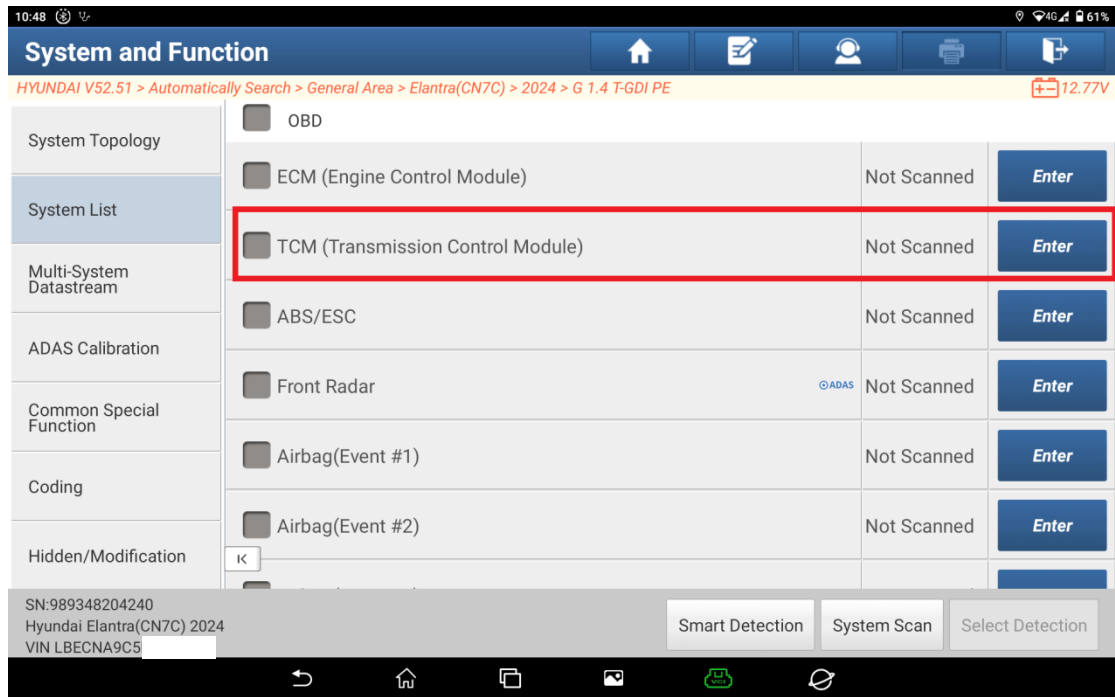
2. Click [Automatically Search] to identify the vehicle model.



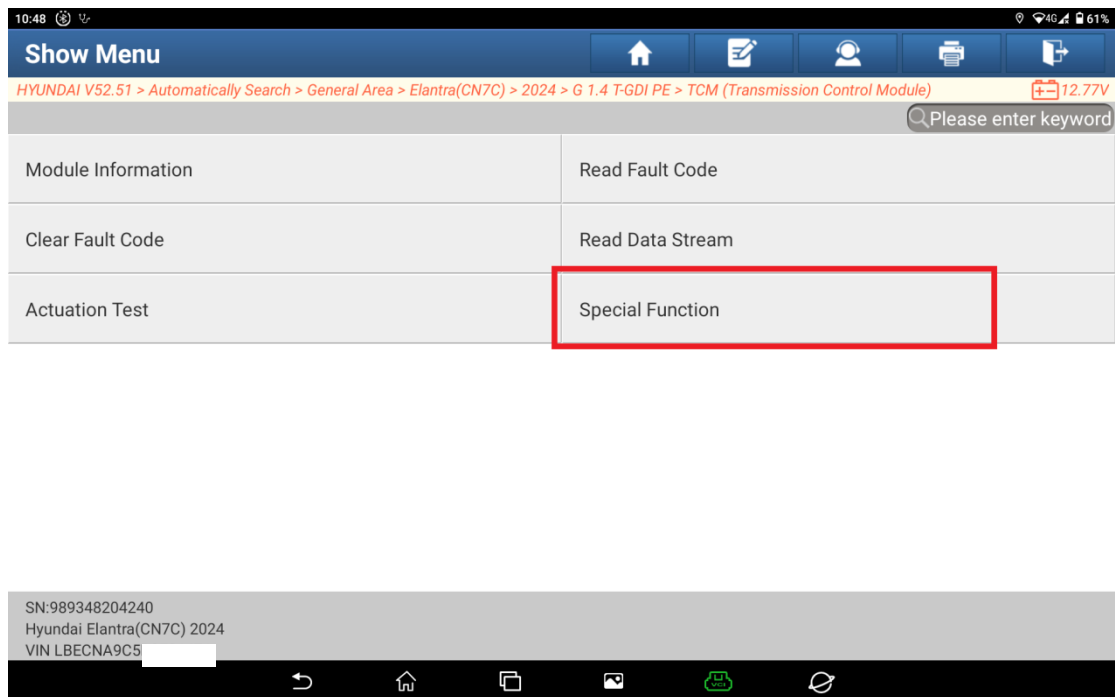
3. Confirm the vehicle information, and then click OK.



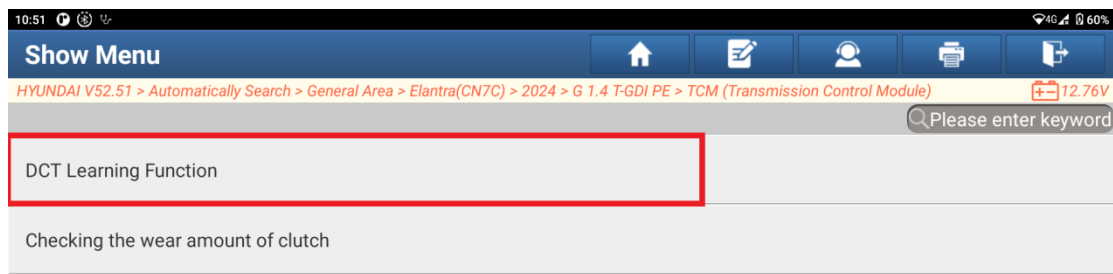
4. Click TCM (Transmission Control Module) to enter the system.



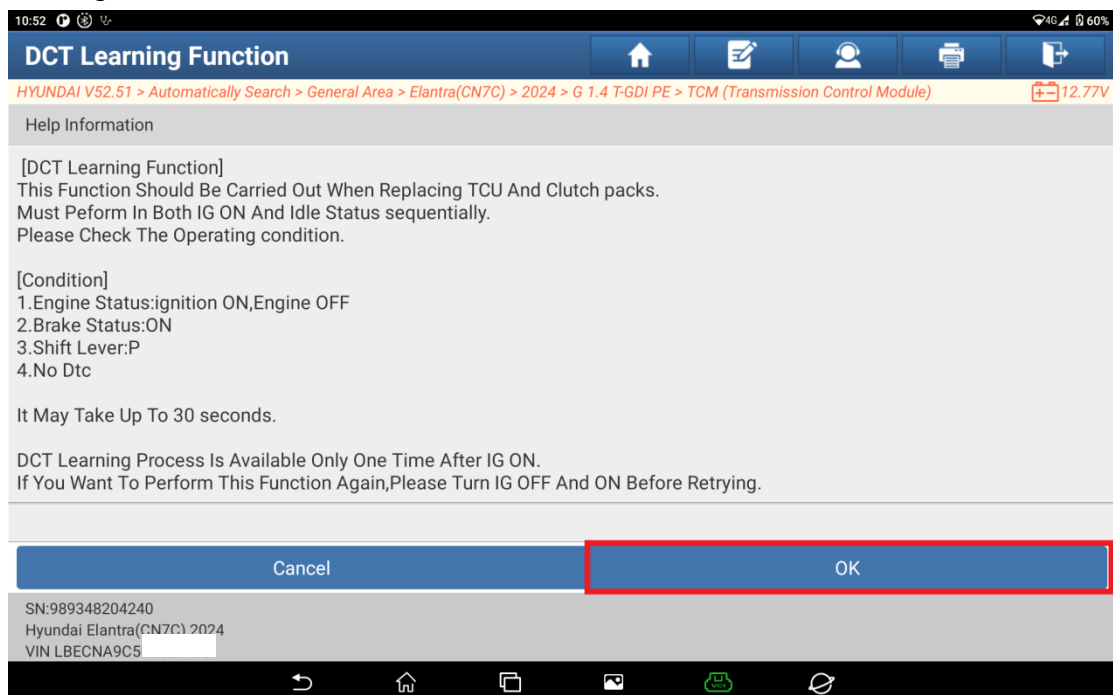
5. Choose [Special Function];



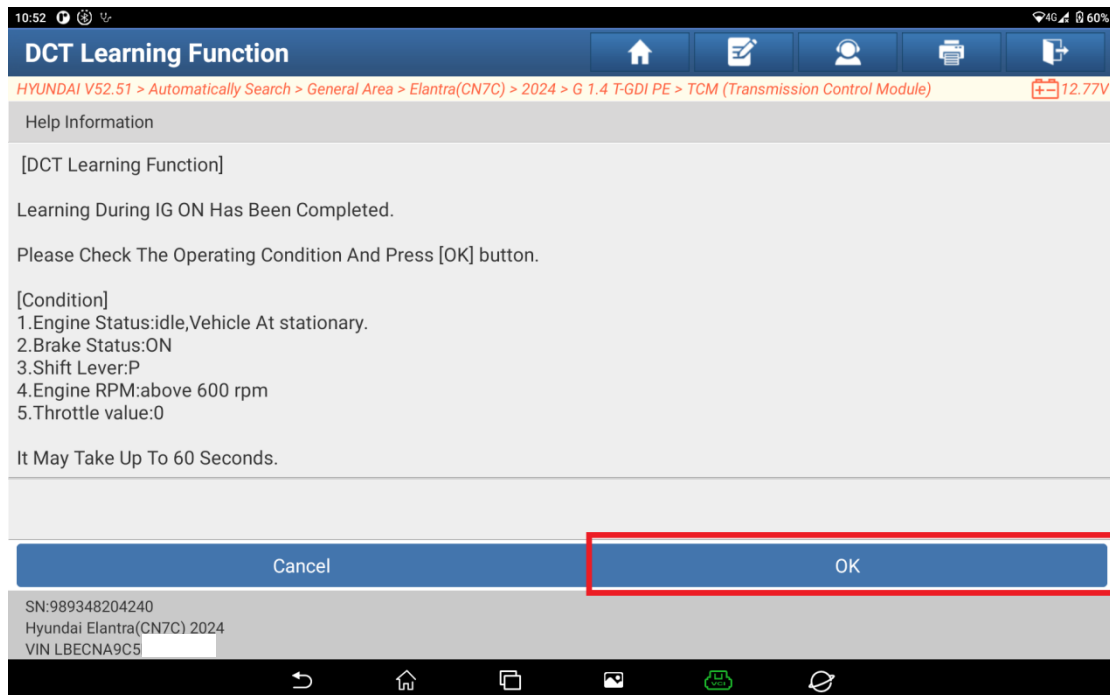
6. Choose [DCT Learning Function].



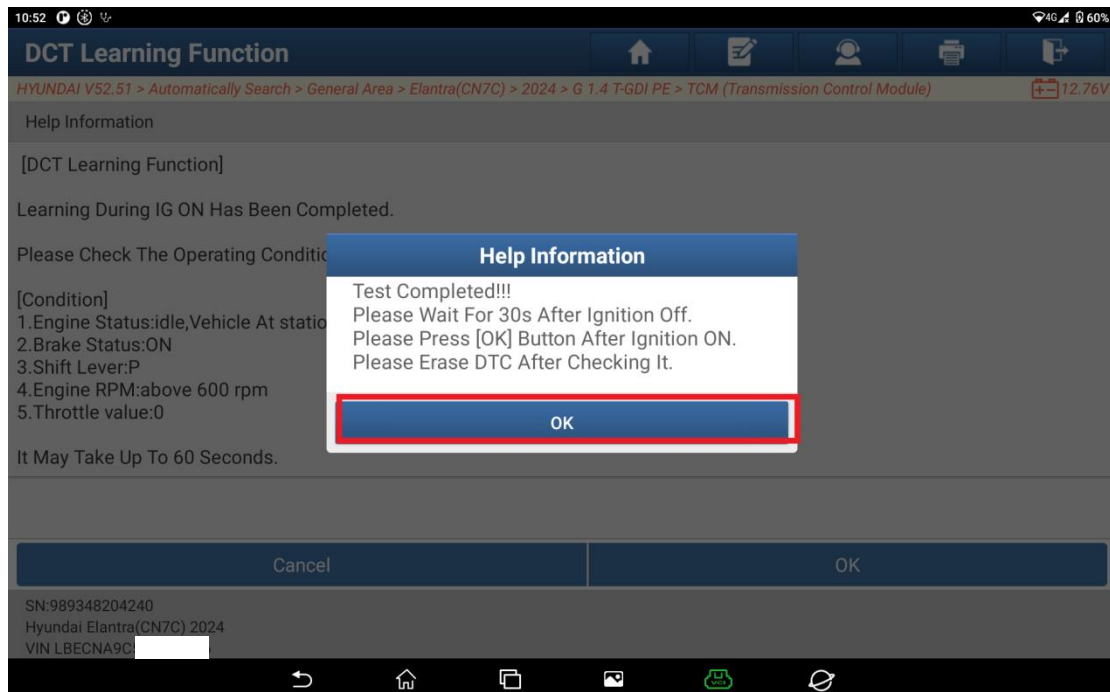
7. Follow the on-screen text prompts. Turn the ignition switch ON with the engine OFF. Once the conditions are met, click OK.



8. After the learning process with the ignition on is completed, proceed with the learning at idle. Once the conditions are met, click OK.



9. After the function is completed, follow the prompts and click OK.



Statement

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