IBU-TPMS (Tire Pressure Monitoring System) – Wheel Sensor ID Writing

Tested Model: KIA Ceed (CD) 2025

Supported Equipment: Launch PRO or PAD series comprehensive diagnostic equipment

Function Description:

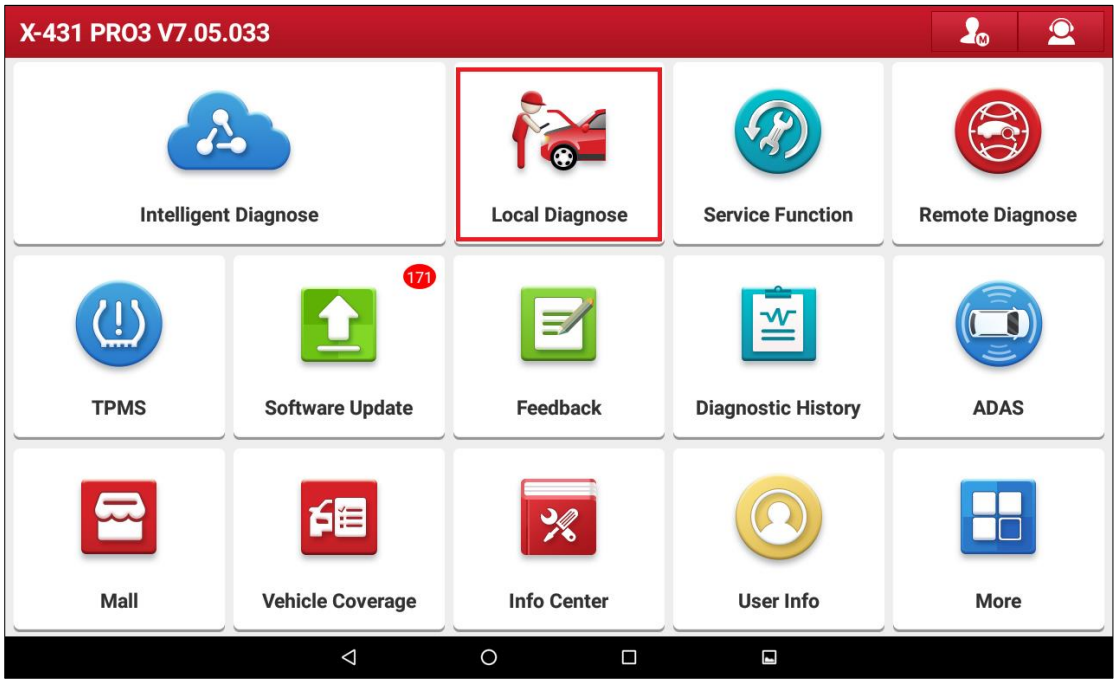
1. This function allows you to read the current wheel sensor IDs and input new sensor IDs into the TPMS ECU (module receiver) for proper operation of the TPMS system.

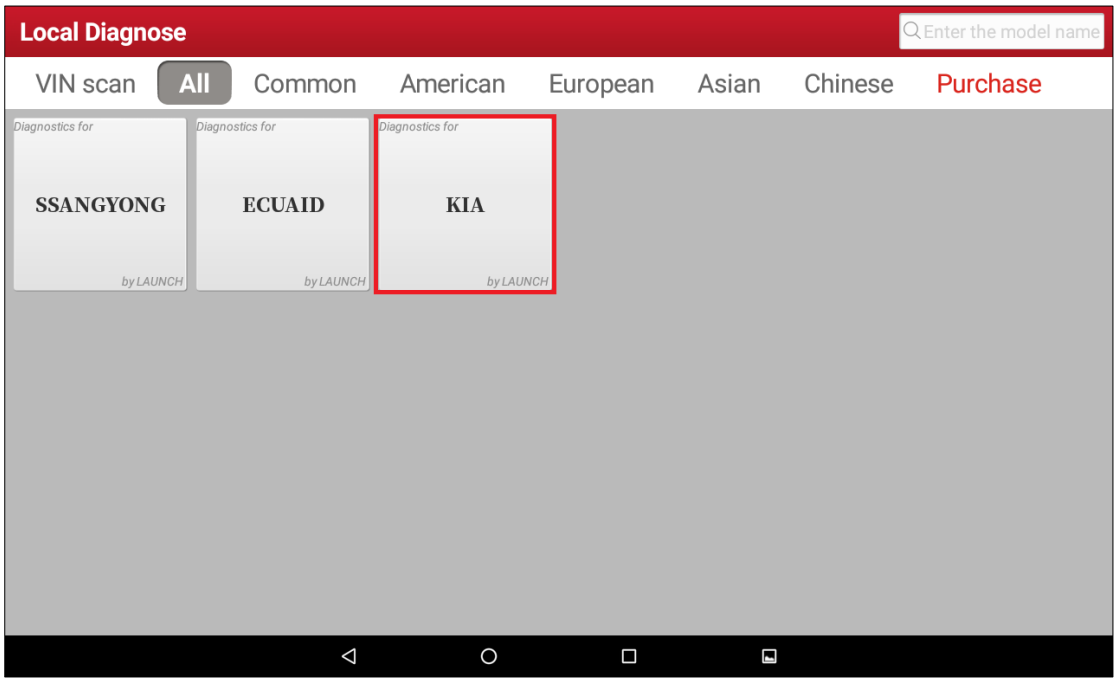
Attention:

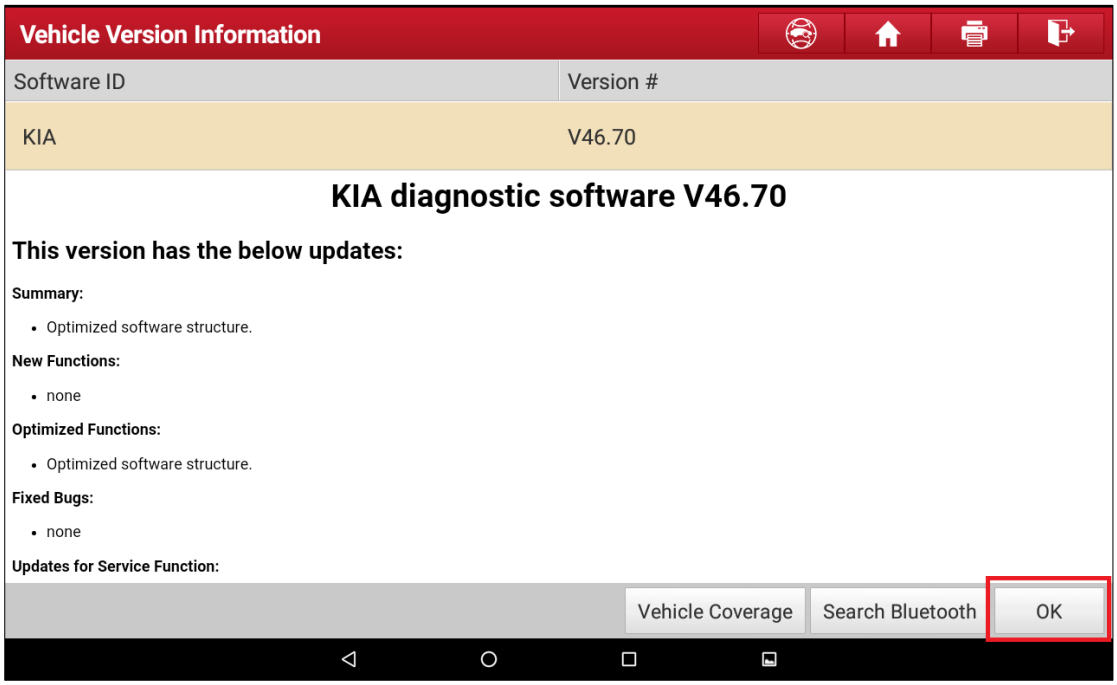
1. The sensor ID consists of 8 alphanumeric characters. Writing will fail if the input length does not meet the standard or invalid characters are entered.
2. When using this function, the system first reads the ID and displays the currently configured sensor ID for each wheel. After you select the wheel sensor whose ID is to be changed, the new sensor ID is written and updated.
3. Before writing the sensor ID, ensure that the ignition switch is ON (engine off). The function will fail if the conditions are not satisfied.

Procedure:

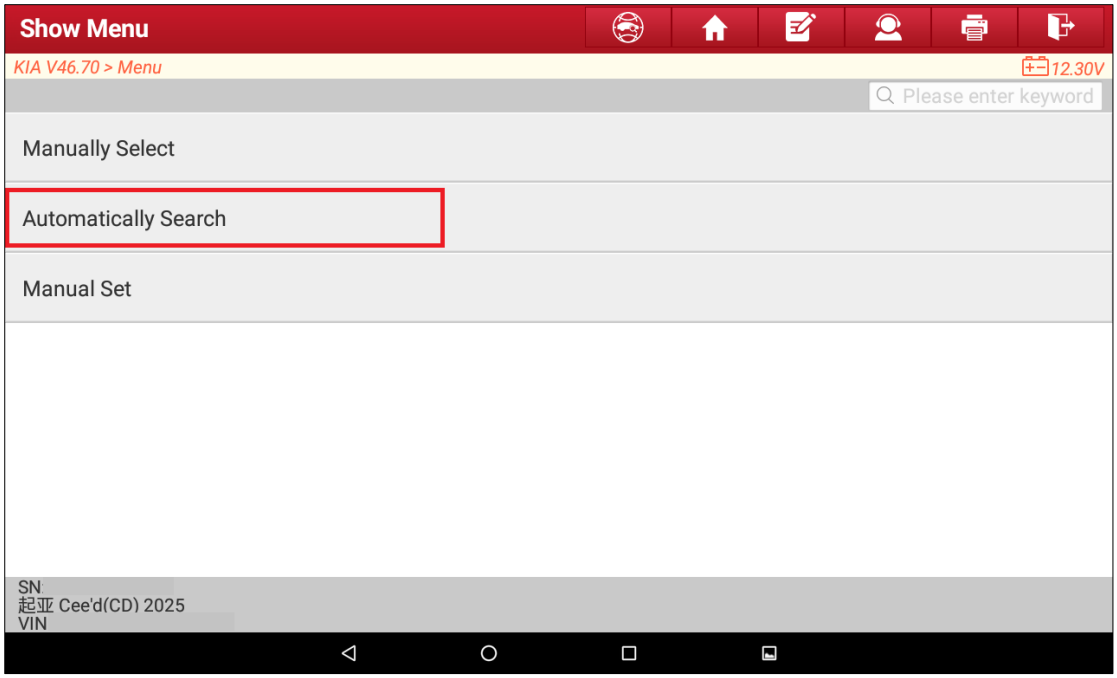
1. On a PRO3S+, choose [Local Diagnose], and then choose [KIA] for testing.


X-431 PRO3 V7.05.033
Intelligent Diagnose
Local Diagnose
Service Function
Remote Diagnose
TPMS
171
Software Update
Feedback
Diagnostic History
ADAS
Mall
Vehicle Coverage
Info Center
User Info
More

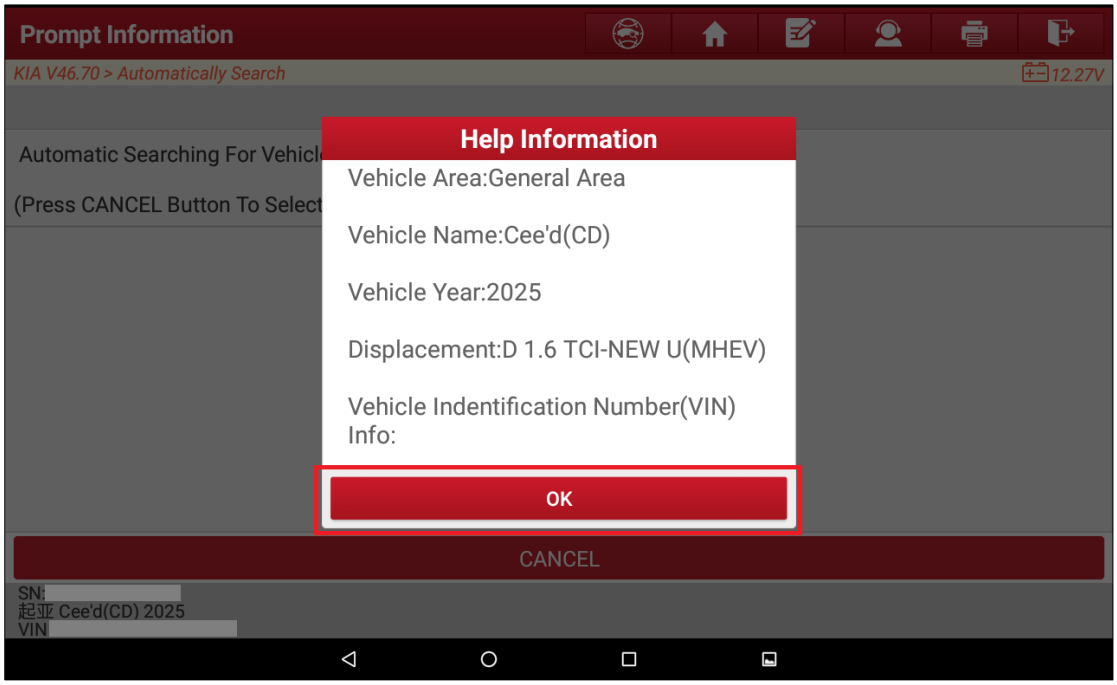

Local Diagnose
Enter the model name
VIN scan
All
Common
American
European
Asian
Chinese
Purchase
Diagnostics for
SSANGYONG
by LAUNCH
Diagnostics for
ECUAID
by LAUNCH
Diagnostics for
KIA
by LAUNCH



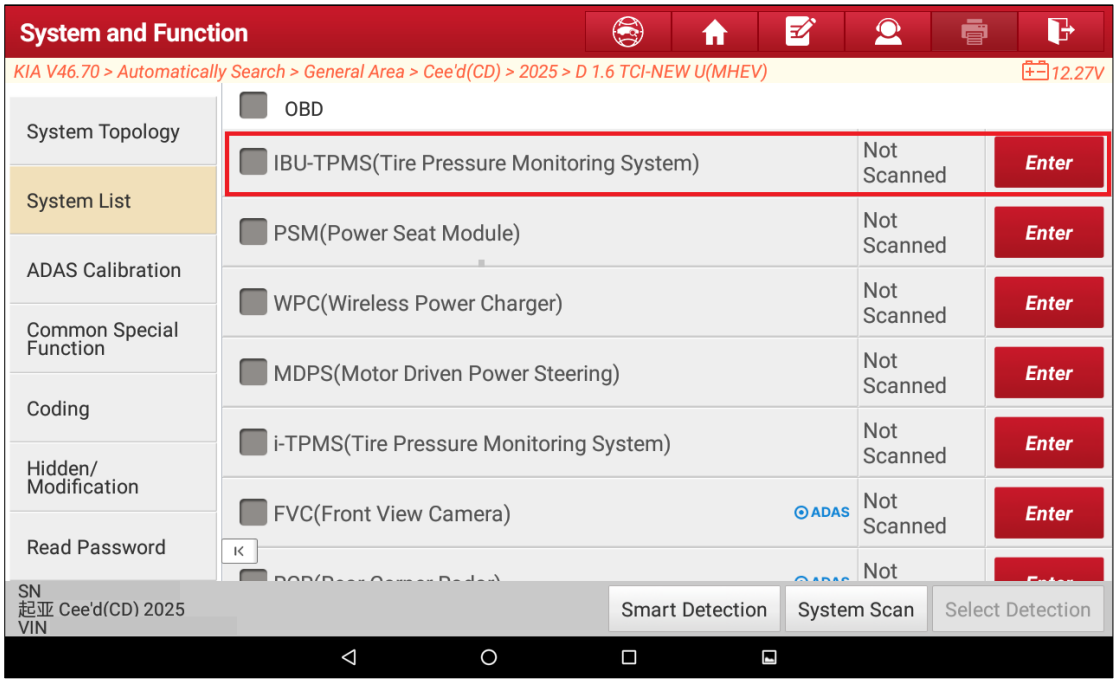
2. Choose [Automatically Search] to identify the vehicle model.



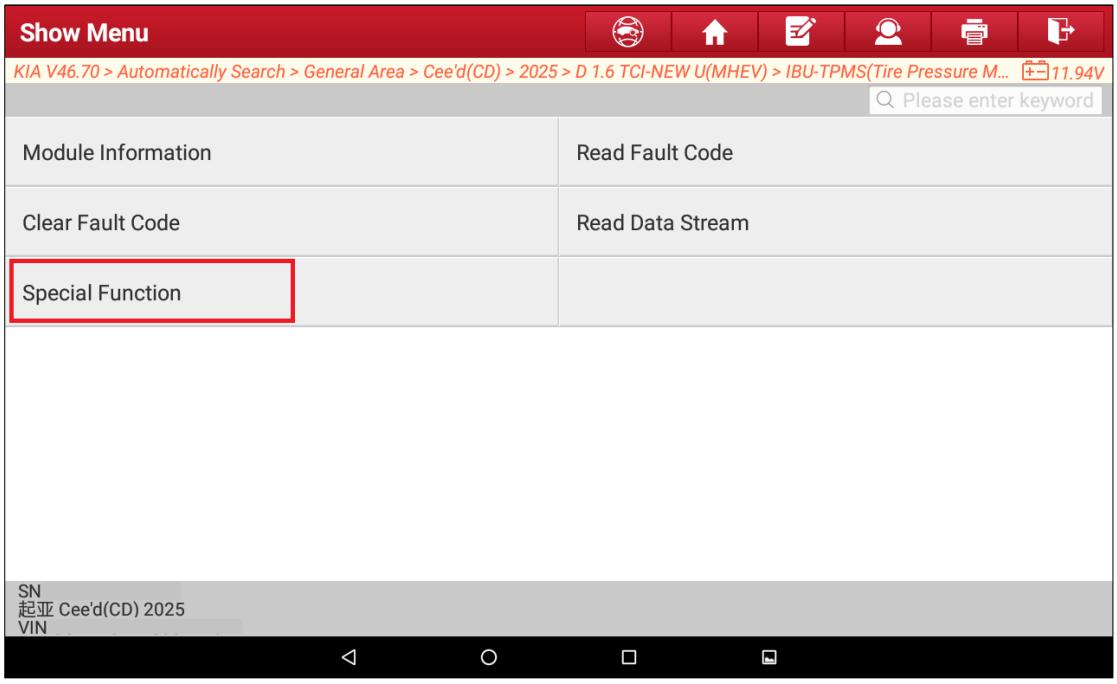
3. Confirm the vehicle information, and then tap "OK".



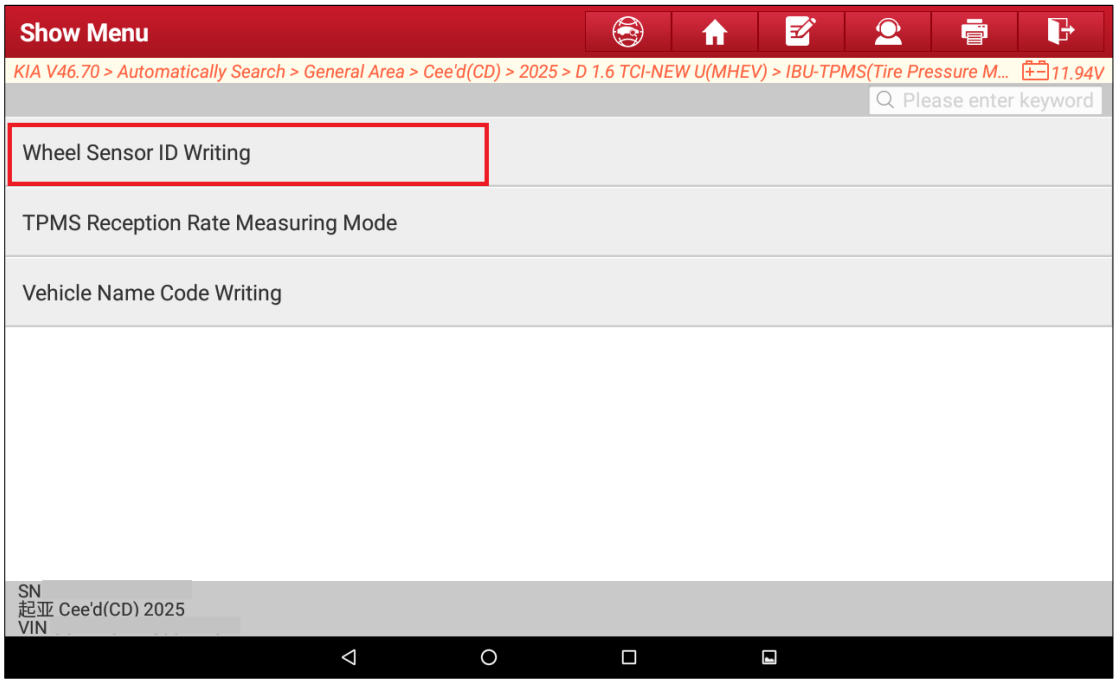
4. Choose [IBU-TPMS (Tire Pressure Monitoring System)], and then tap "Enter".



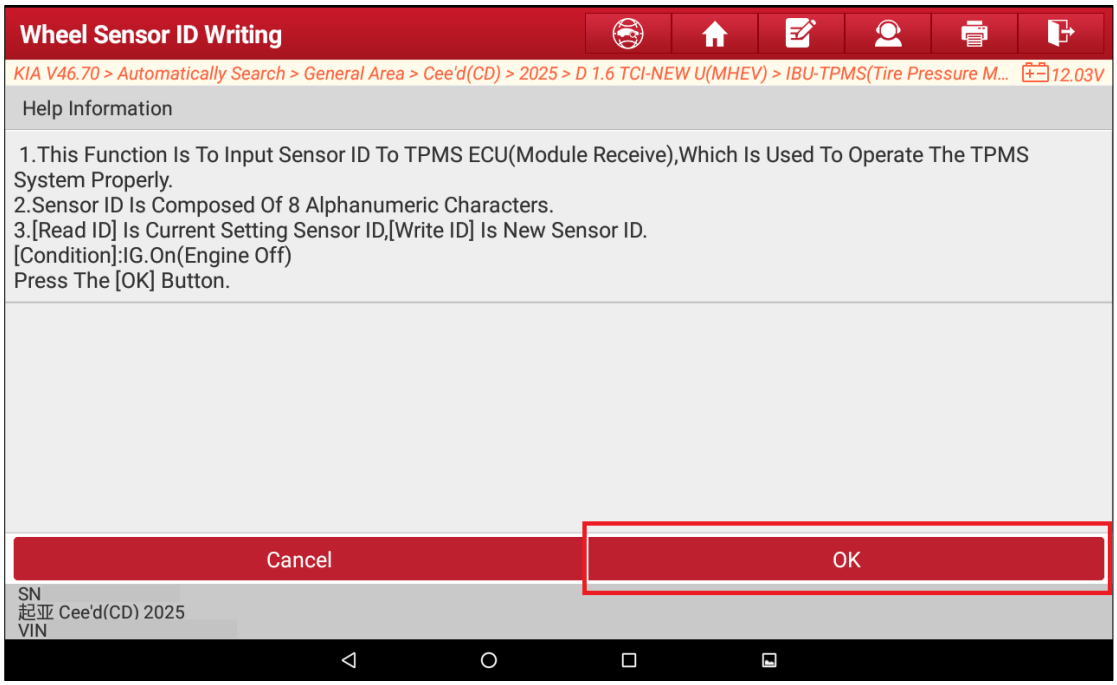
5. Choose [Special function].



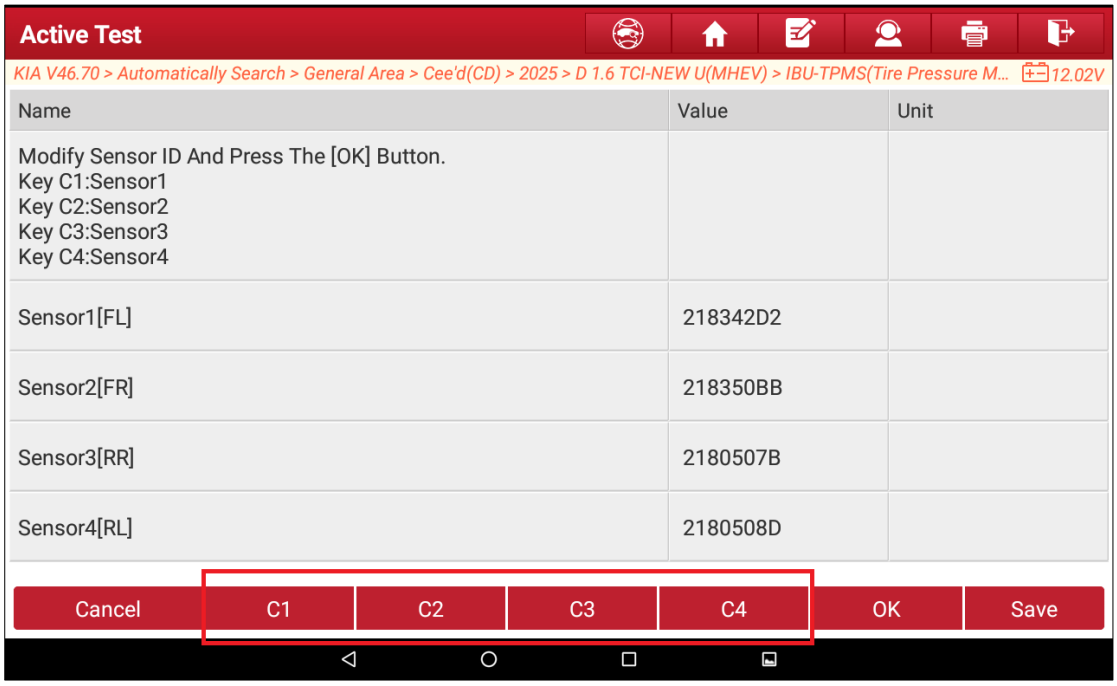
6. Choose [Wheel Sensor ID Writing].



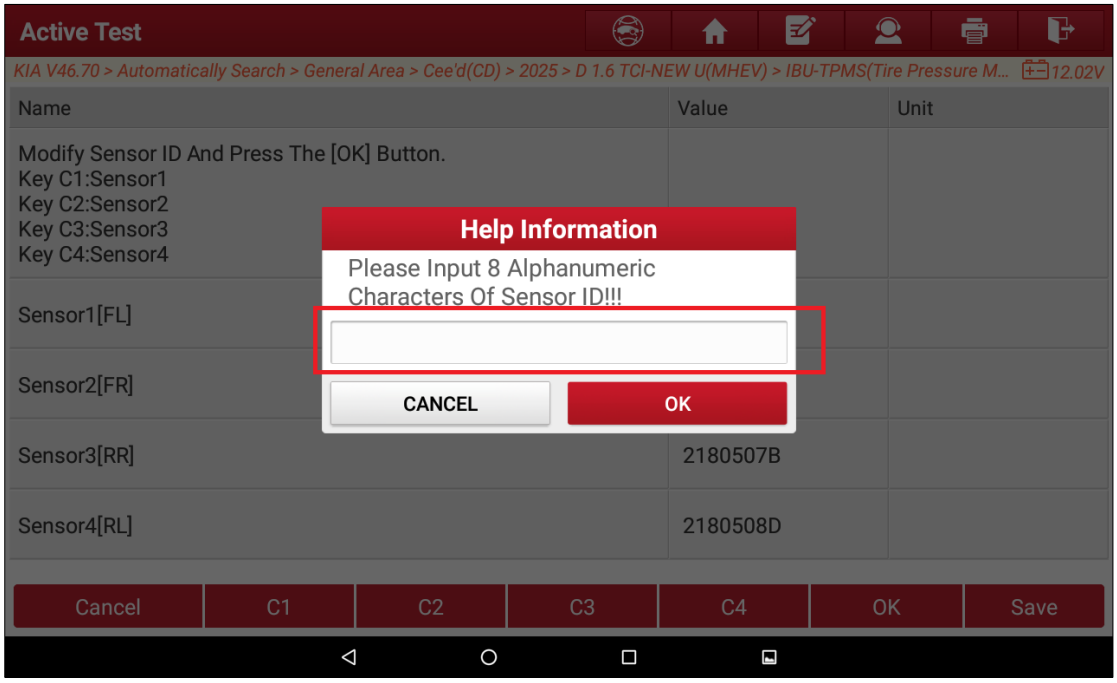
7. Follow the on-screen prompts to ensure that the ignition is ON (engine OFF), and then tap "OK" to enter the wheel sensor ID writing function.

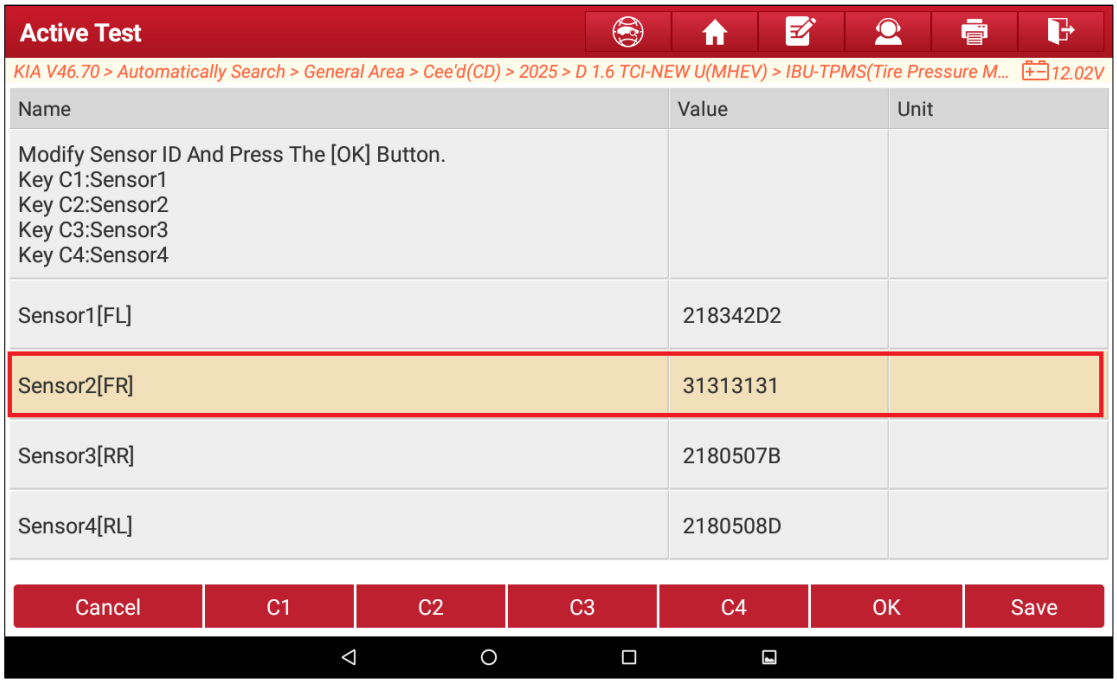


8. Once in the function, the current ID values for each wheel sensor are read and displayed. Tap the C1–C4 buttons to write a new sensor ID to a specific wheel sensor.

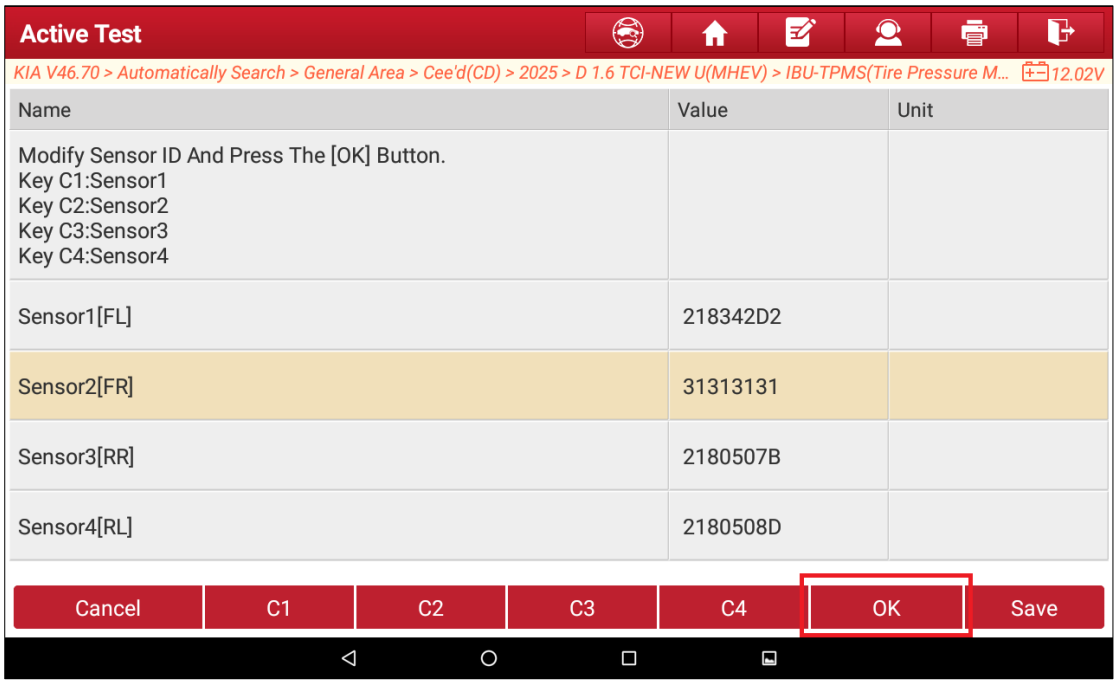


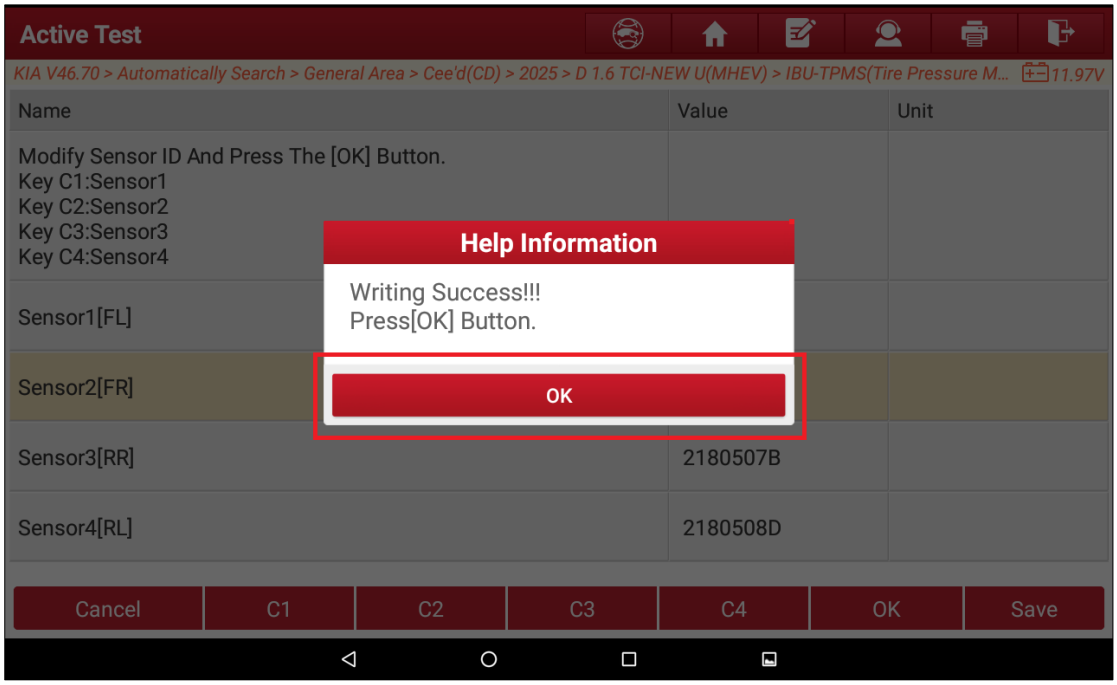
9. After the function is executed, enter the new 8-digit sensor ID (composed of alphanumeric characters) into the pop-up window as required. The new ID is displayed in the corresponding sensor position. Tap "OK" to complete the input for the current sensor, and repeat the process for other sensors if necessary.





10. After you finish entering all new sensor IDs, tap "OK". The entered new sensor IDs will be written to the TPMS ECU (module receiver), completing the wheel sensor ID writing function.





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