

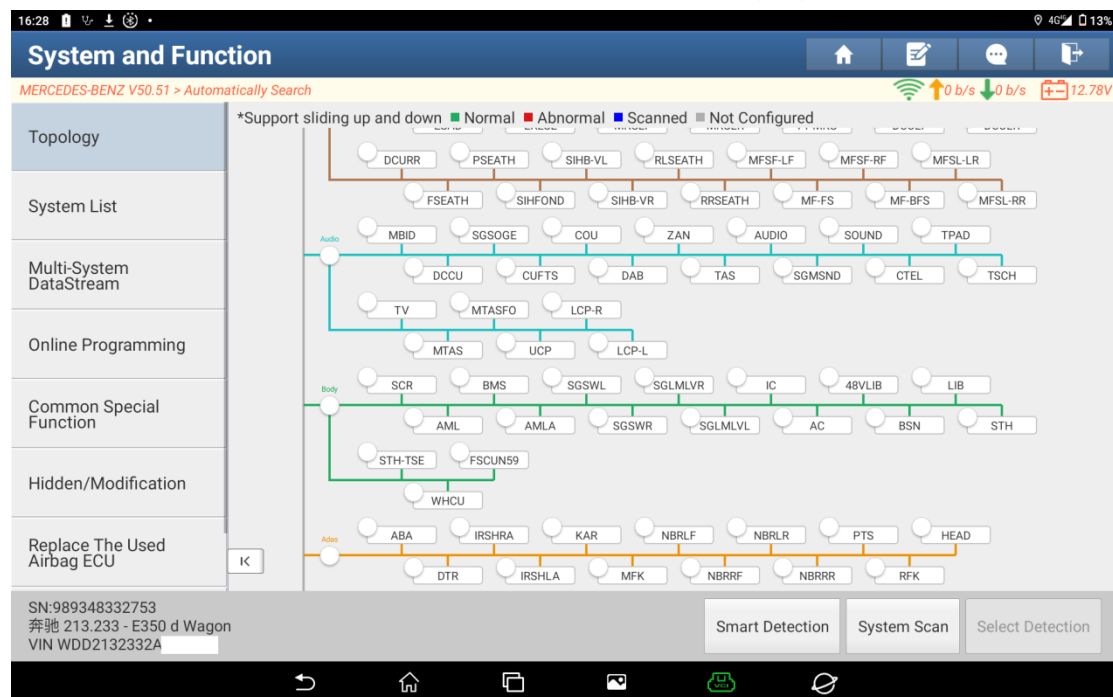
# Mercedes-Benz E400 Headlamp ECU Replacement Procedure

**Function Description:** Left headlamp replacement

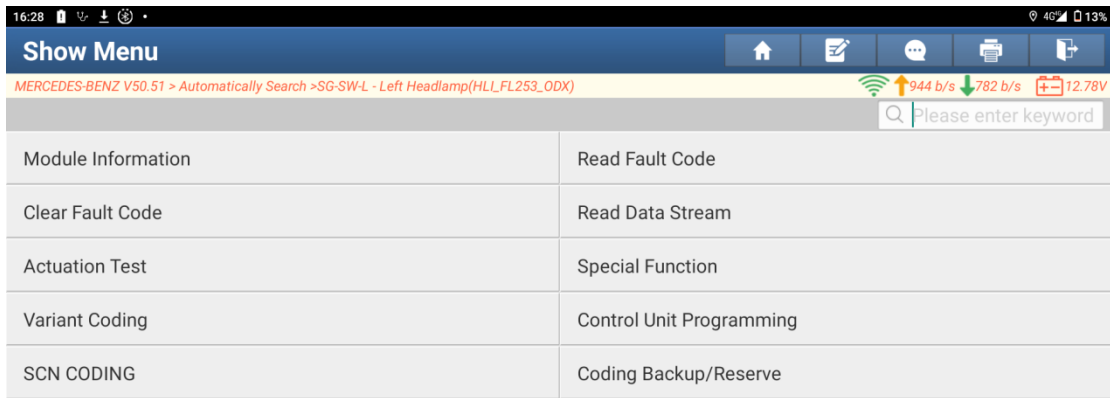
**Supported Products:** Launch PAD series comprehensive diagnostic equipment

## Procedure:

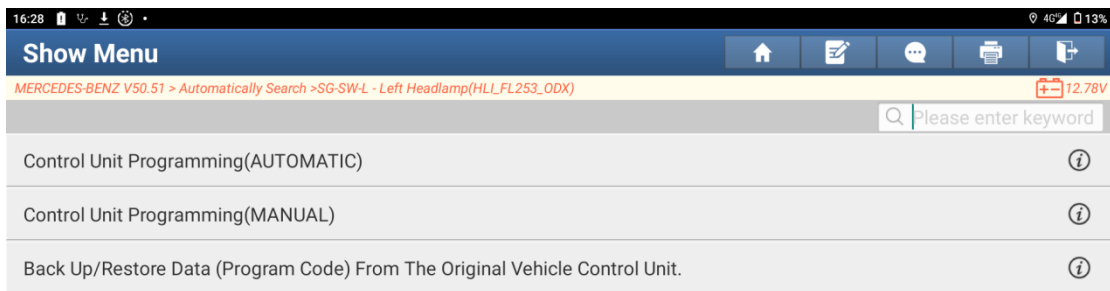
1. Choose [Automatically Search]. (See the following figure.)



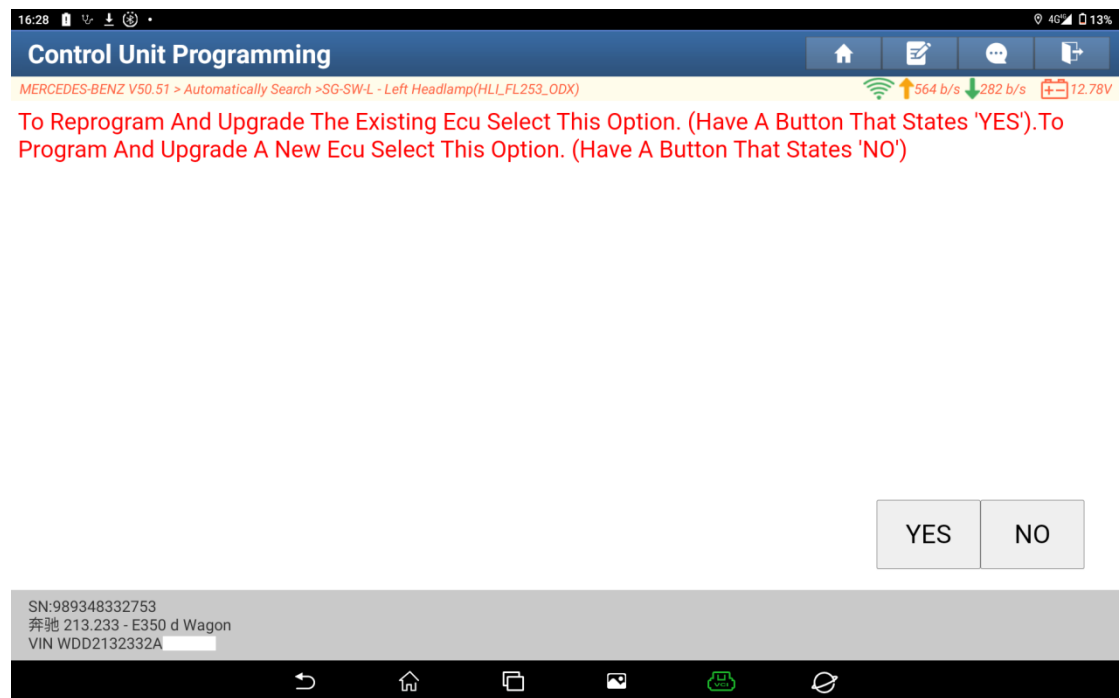
2. Choose [SG-SW-L Left Headlamp]. (See the following figure.)



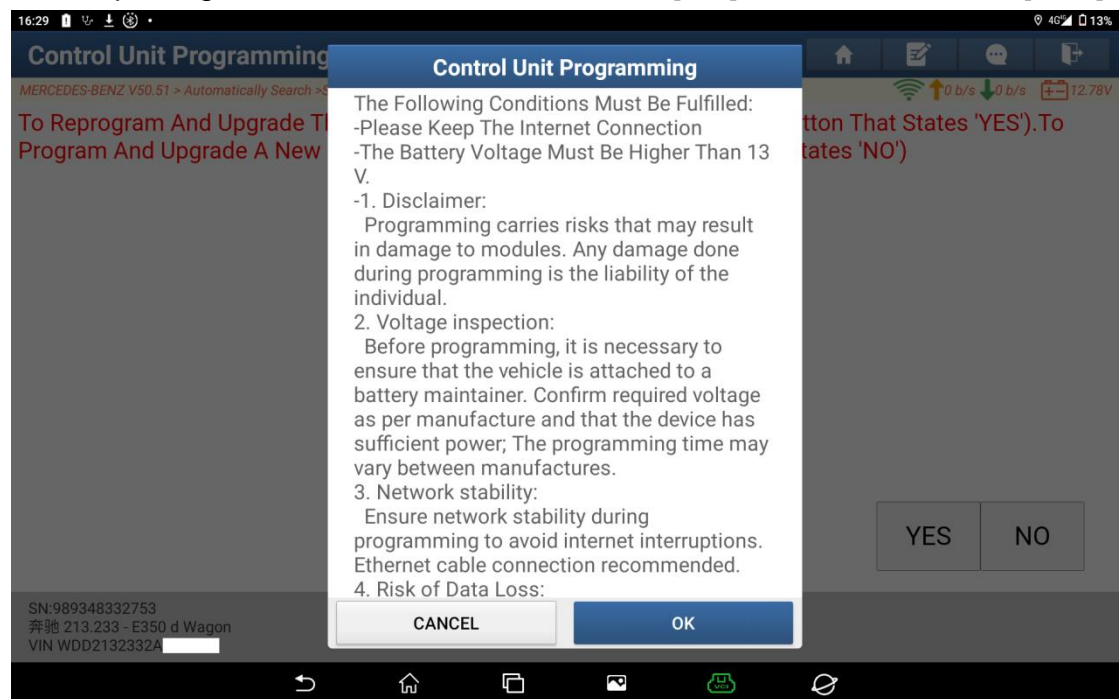
3. Choose the [Control Unit Programming] menu.



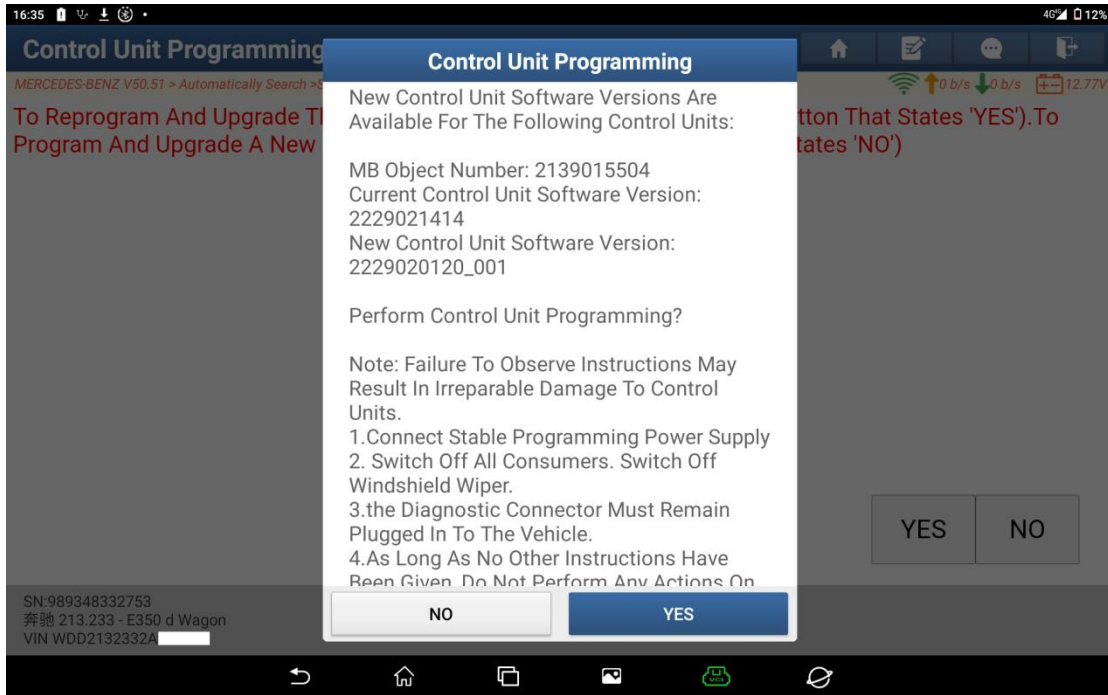
4. Choose the [Control Unit Programming (AUTOMATIC)] menu.



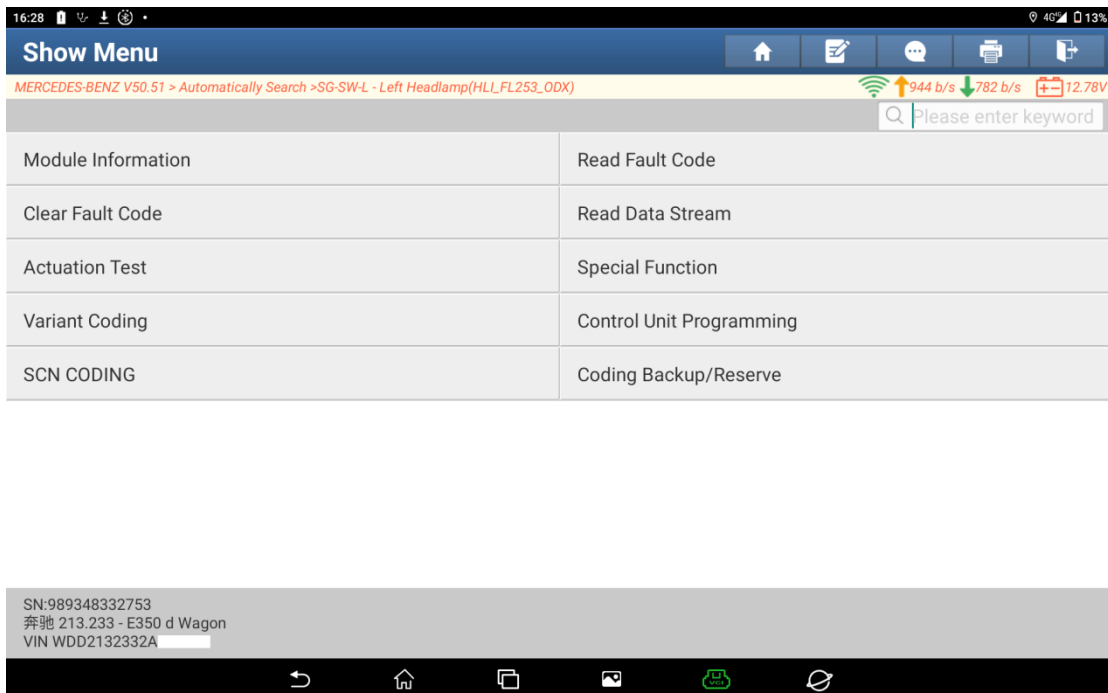
5. If replacing with a brand new ECU, choose [NO]; otherwise, choose [YES].



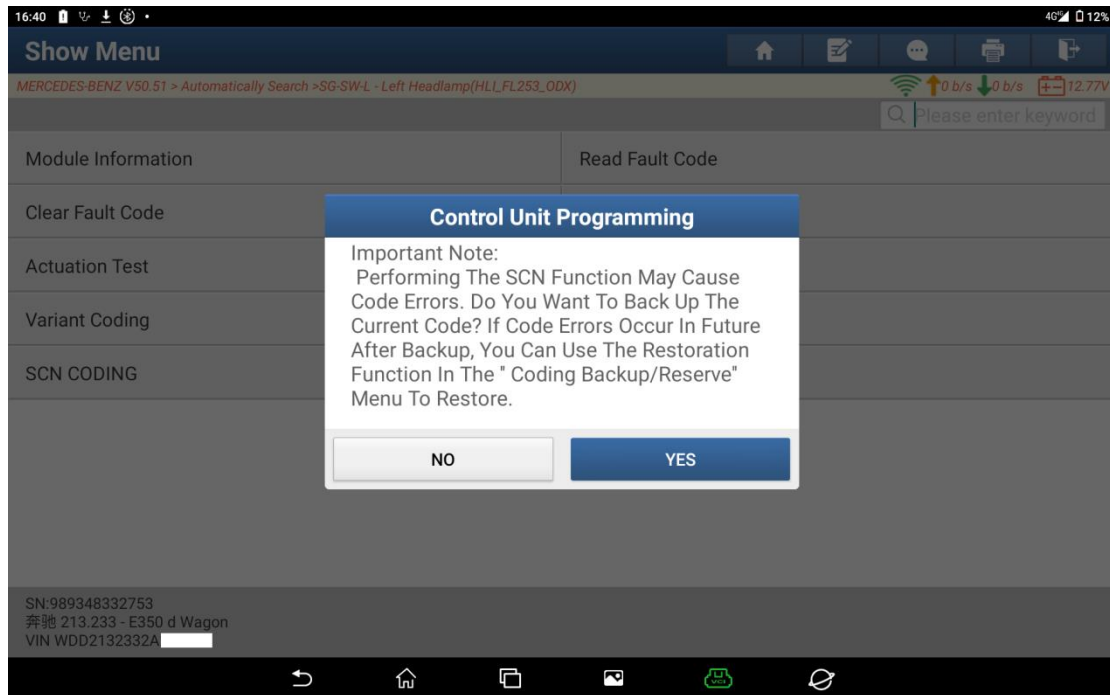
6. Read the function execution requirements and precautions carefully, and choose [OK] to complete file download. After reconfirming the function execution conditions, choose [YES] to perform ECU flashing.



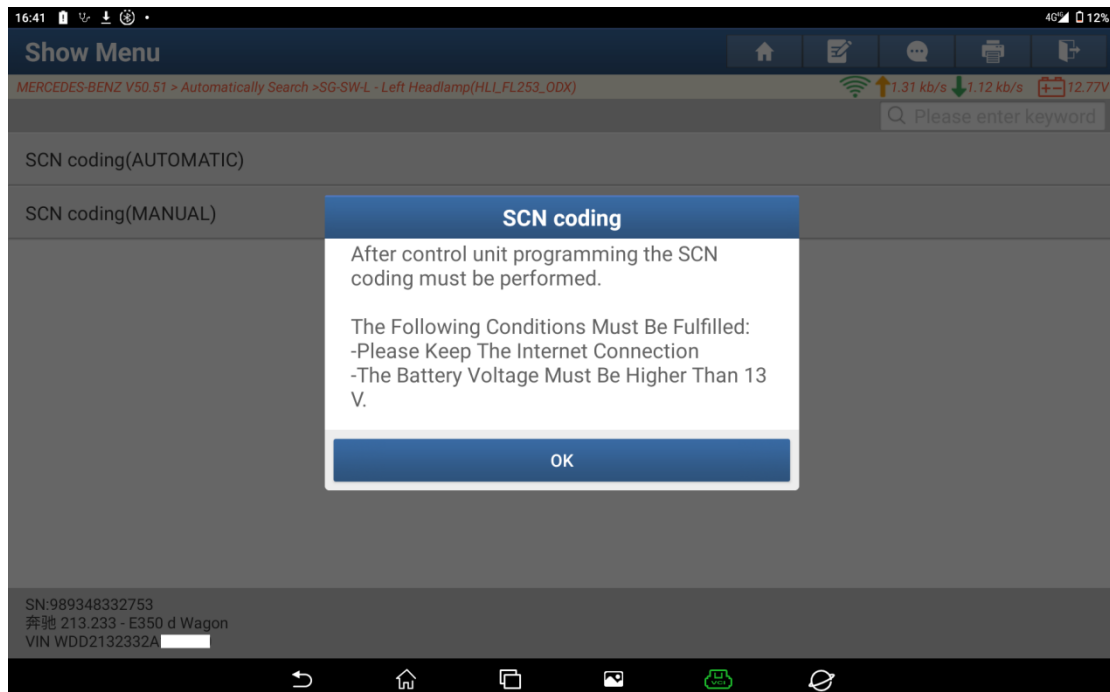
7. Return to the function selection page.



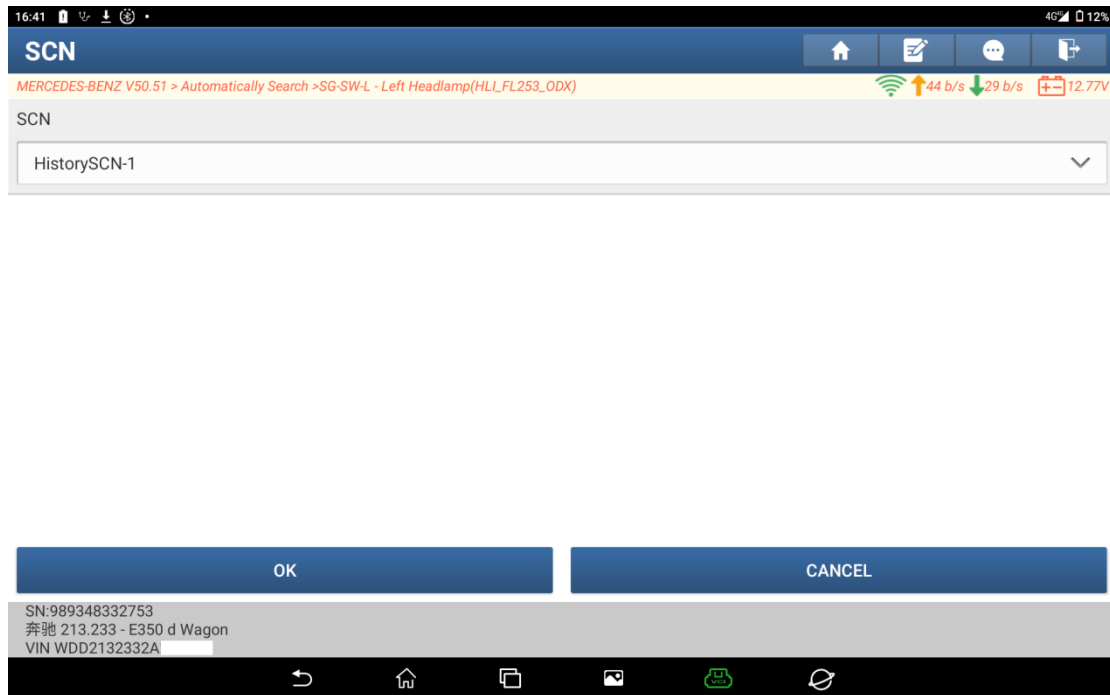
## 8. Choose the [SCN CODING] function.



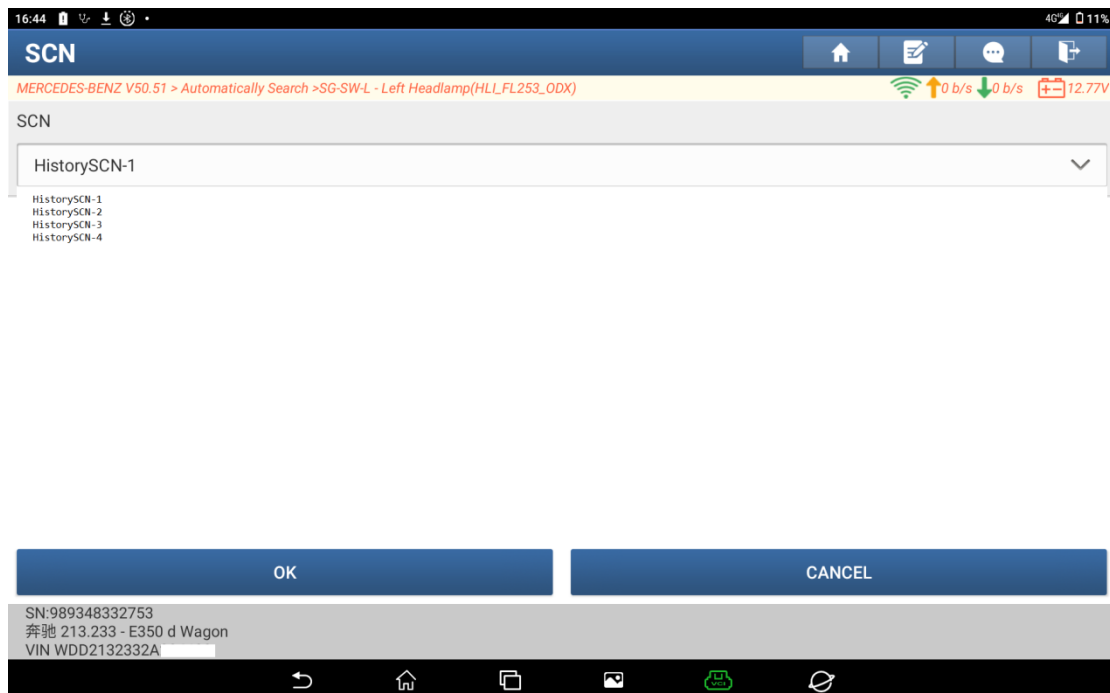
## 9. It is recommended to choose [YES] to back up the vehicle's original coding. After completing the coding backup, choose [SCN coding (AUTOMATIC)].



10. Confirm the function execution conditions and choose [OK].

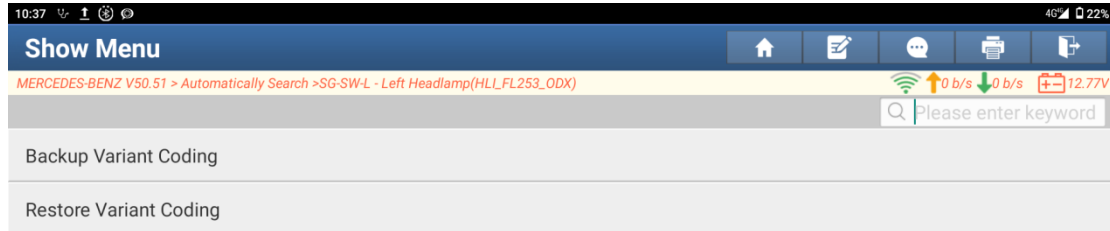


11. Select the drop-down box to find the 4 sets of SCN data matching the vehicle model. You need to select HistorySCN-1, HistorySCN-2, HistorySCN-3, and HistorySCN-4 in sequence to write the coding until there are no SCN coding-related fault codes in the vehicle. If none of the 4 sets of data match, you can also try using the coding backup and restore function.

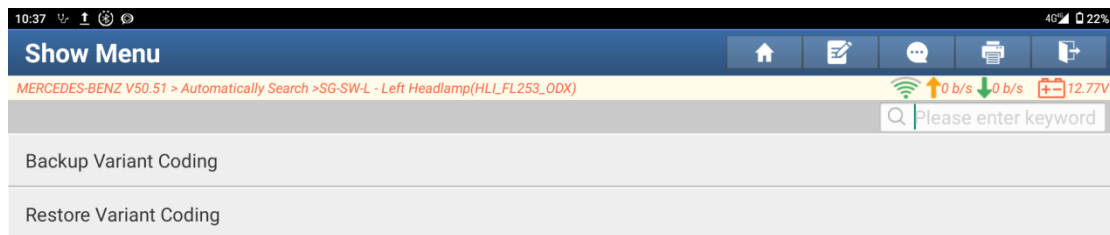


## Coding Backup & Restore Instructions

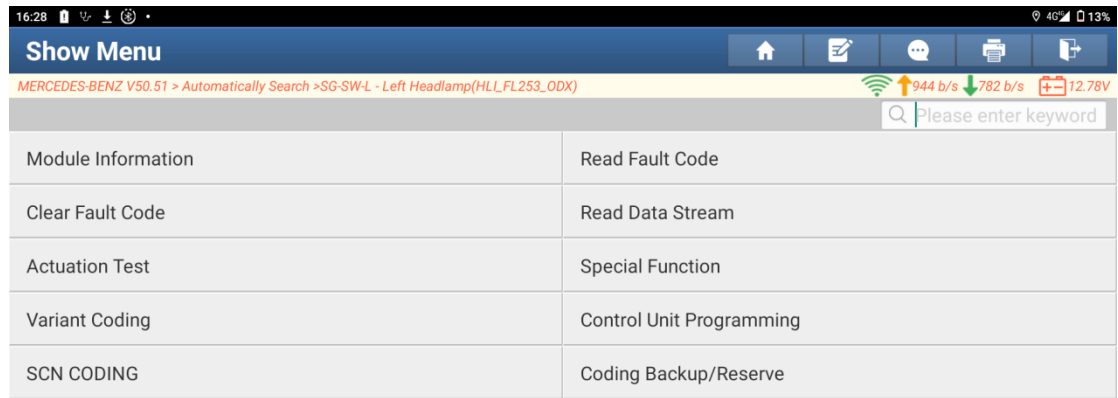
- 1) To install the original used headlamp ECU, enter the headlamp coding backup and restore function, and choose [Backup Variant Coding].



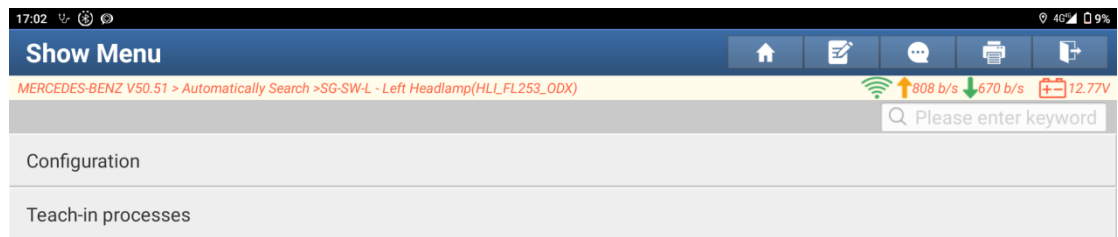
- 2) To install the new headlamp ECU, enter the headlamp coding backup and restore function, select [Restore Variant Coding], choose the backed-up data file, and execute coding writing.



12. Return to the function selection page.



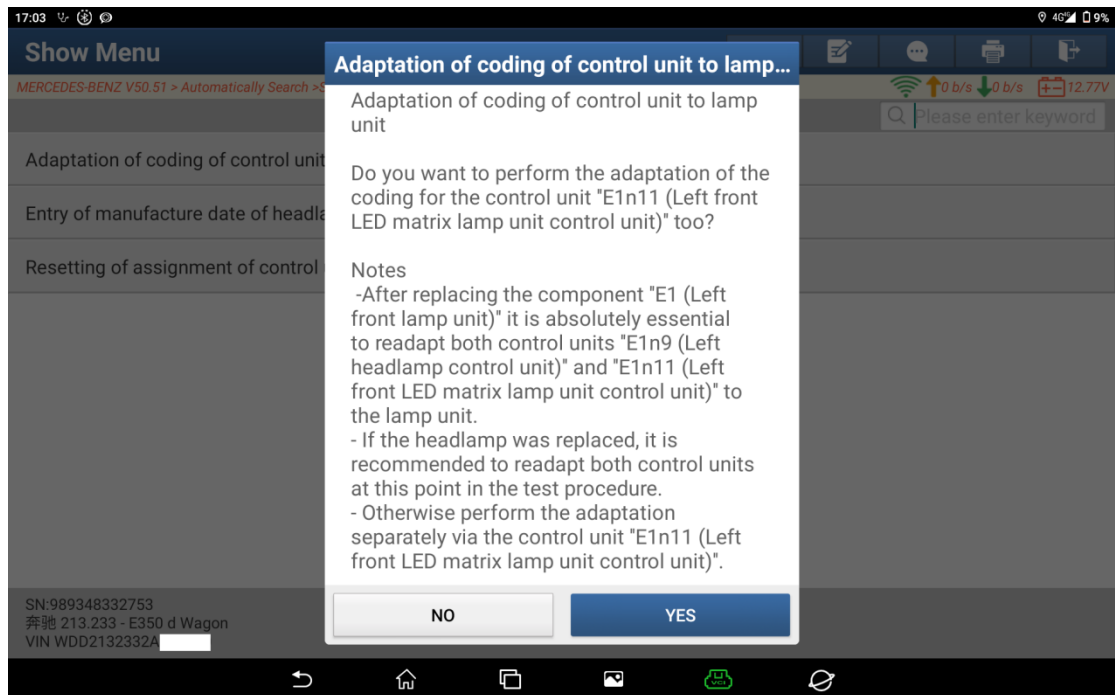
13. Choose [Special Function].



## 14. Choose [Teach-in processes].



## 15. Choose [Adaptation of coding of control unit to lamp unit].



## 16. Confirm the precautions and conditions for function execution.

17:03 4G 9%

### Adaptation of coding of control unit to lamp unit

MERCEDES-BENZ V50.51 > Automatically Search > SG-SW-L - Left Headlamp(HLL\_FL253\_ODX)

Name

Requirements

- Control unit "E1n9 (Left headlamp control unit)" is programmed and coded.
- Control unit "E1n11 (Left front LED matrix lamp unit control unit)" is programmed and coded.
- The DataMatrix code with the information on the adaptation of the coding is present on the headlamp, is accessible and is not too severely damaged.
- A 2D hand scanner for reading the DataMatrix code is present.

Procedure

- 1 Scan the DataMatrix code with the designation "LED CODE" using the 2D hand scanner.
- 2 The content of the DataMatrix code appears as plain text in the input field.
- 3 Press button "Continue".

F3: Scan the DataMatrix code with the designation "LED CODES" into the input field here:\*\*\*\*\*

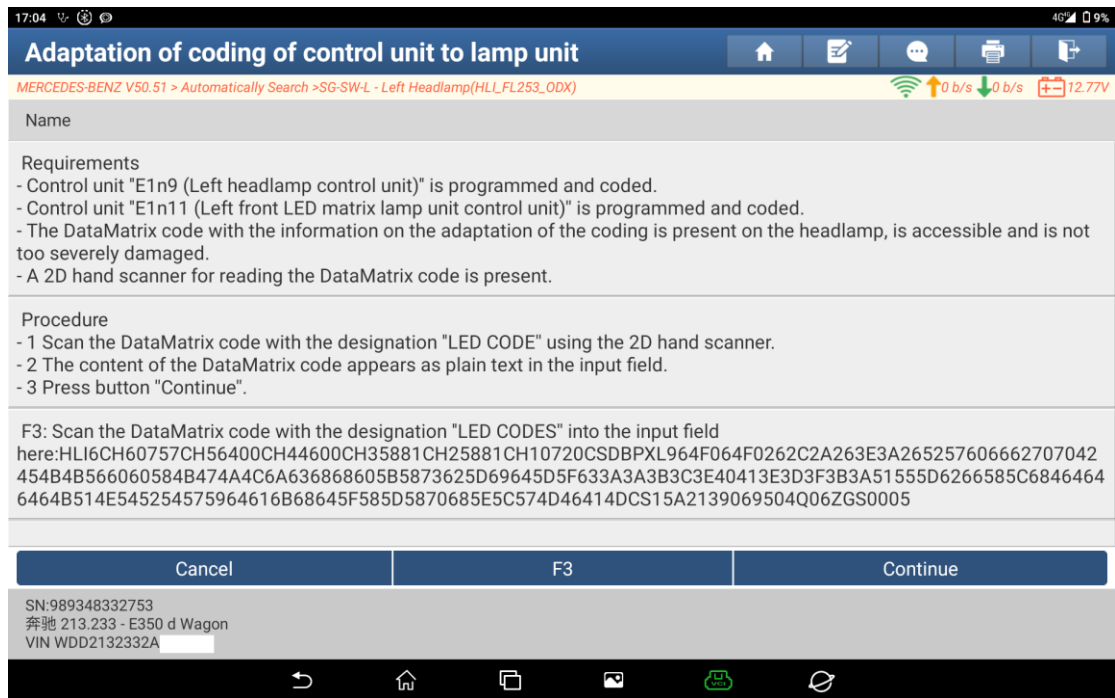
Cancel F3 Continue

SN:989348332753  
奔驰 213.233 - E350 d Wagon  
VIN WDD2132332A

17. Choose [F3] and use the device's scanning function to read the LED CODE.  
After reading the data, choose [Continue] to execute coding writing.

### LED CODE Location Diagram





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