

Rain Sensor Initialization

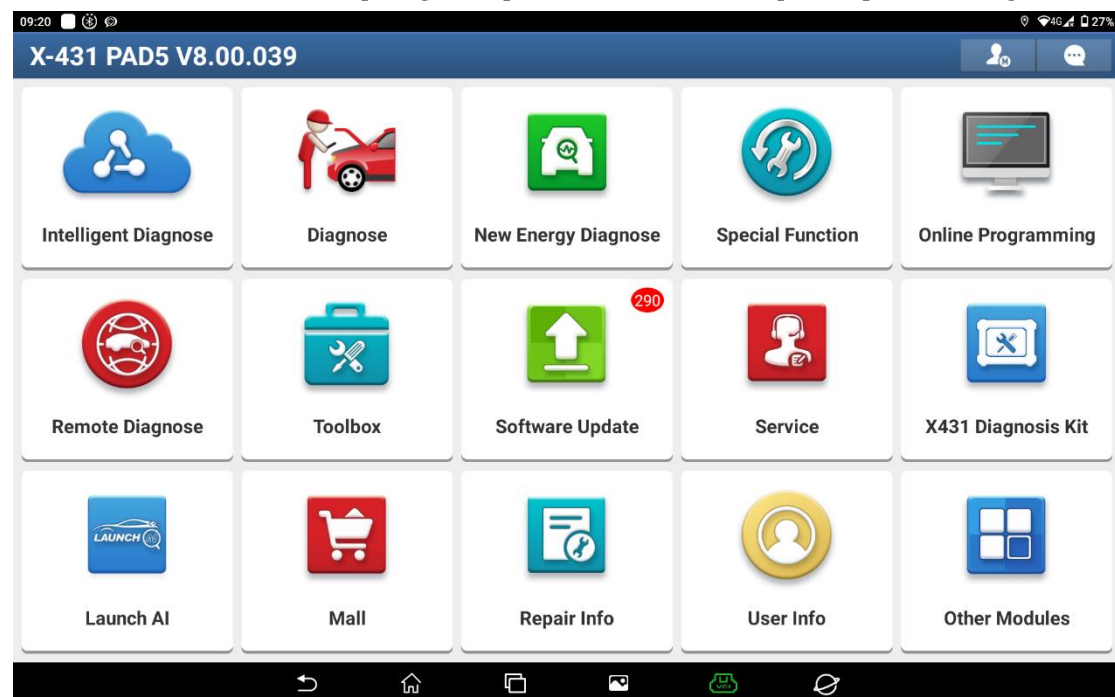
Tested Model: BMW X1 sDrive20i

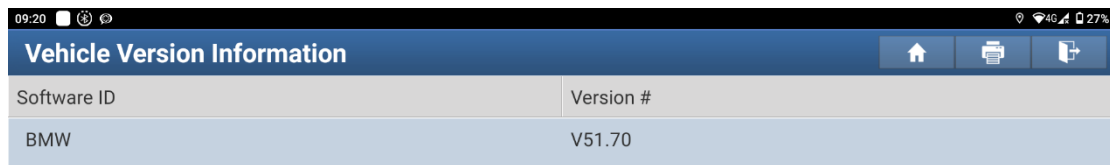
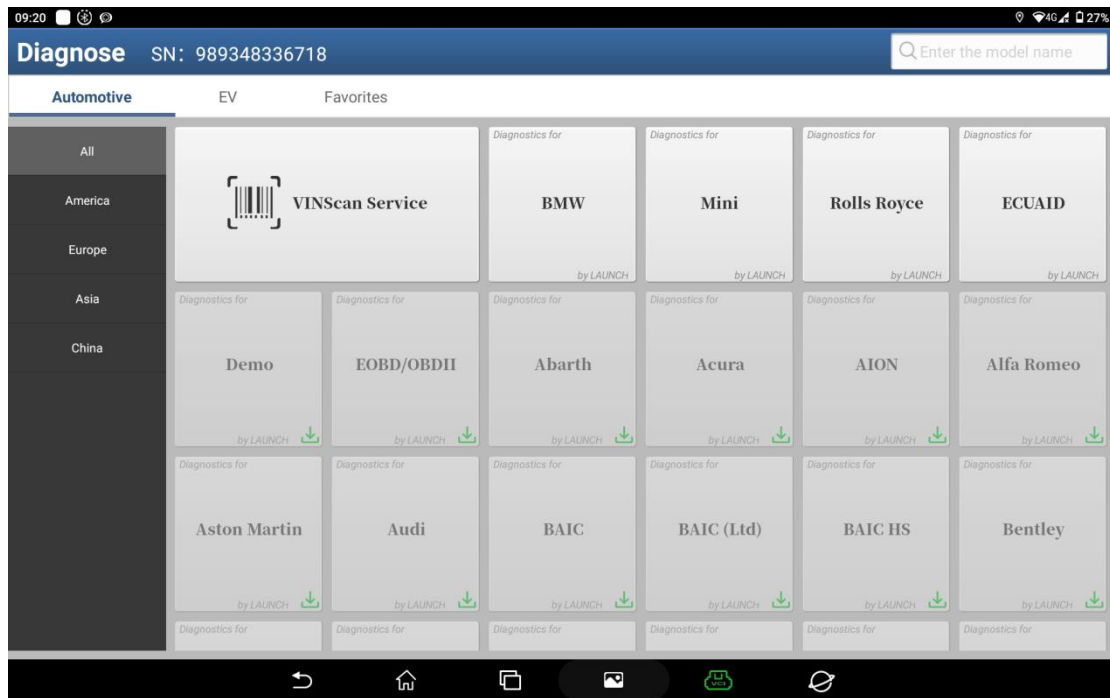
Function Description:

This function initializes the rain sensor and re-matches it to the windshield. It is generally required after windshield or sensor replacement.

Procedure:

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





BMW Diagnostic Software V51.70

Software Instruction

Summary For The Covered ECU:

Engine, Automatic Transmission, Anti-lock Brake, Airbag, A/C, Dashboard, Electronic Throttle Rearview Mirror Rear Seat Memory, Anti-theft, Cruise, Center Control Module, Parking Sensor, and Light systems, etc.

Summary For The Covered Basic Function:

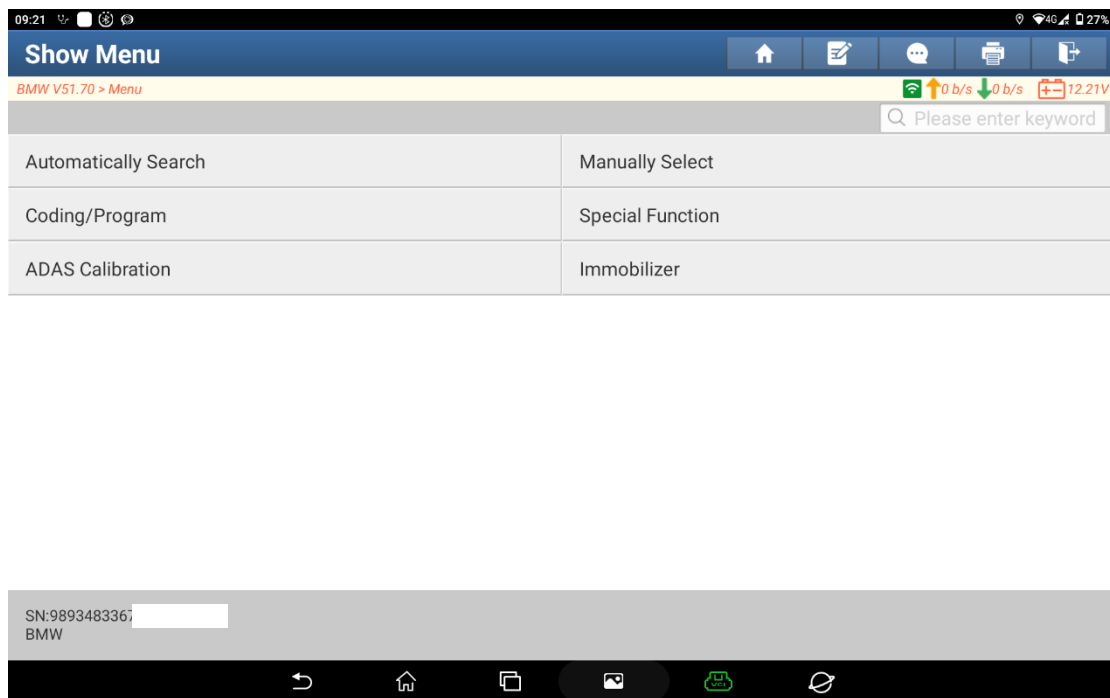
- Reading ECU information
- Reading DTCs
- Clearing DTCs
- Reading vehicle running data
- Vehicle component operation test

Summary For The Covered Special Function:

- Recoding after replacing ECU(RECODING)
- Change ECU setting information
- Delete transportation mode
- Functions of key test
- Display status of all keys
- Disable/enable key



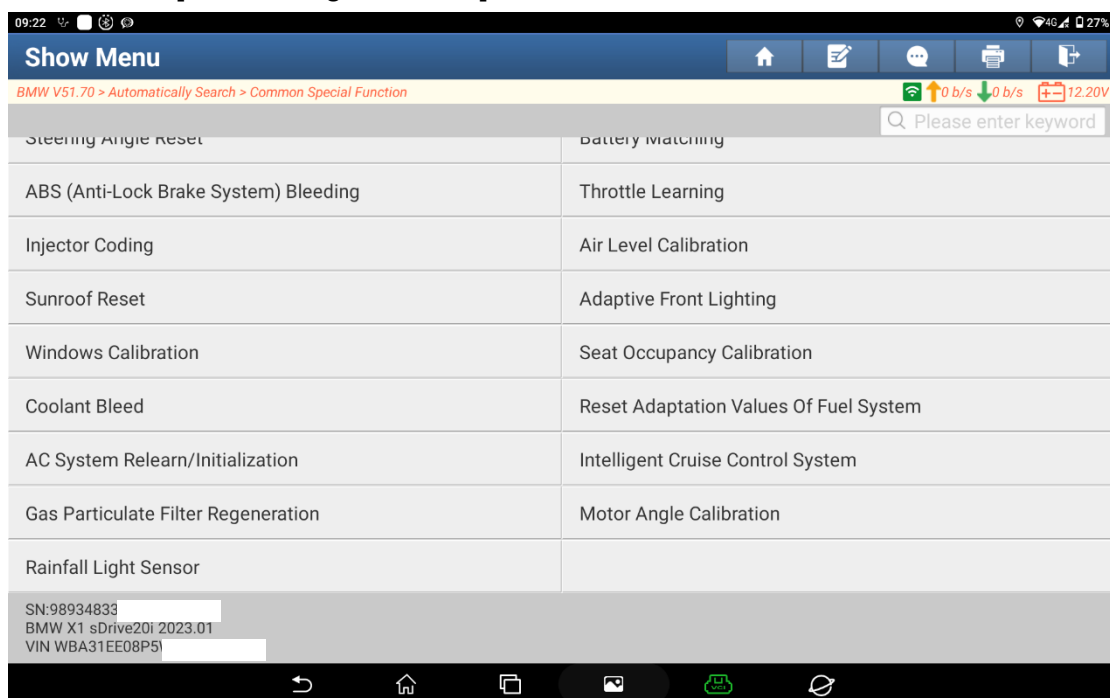
2. Choose [Automatically Search].



3. Confirm the vehicle information and click “NEXT”.



4. Choose [Common Special Function].



09:22

Show Menu

BMW V51.70 > Automatically Search > Common Special Function > Rainfall Light Sensor

0 b/s
 0 b/s
 12.20V

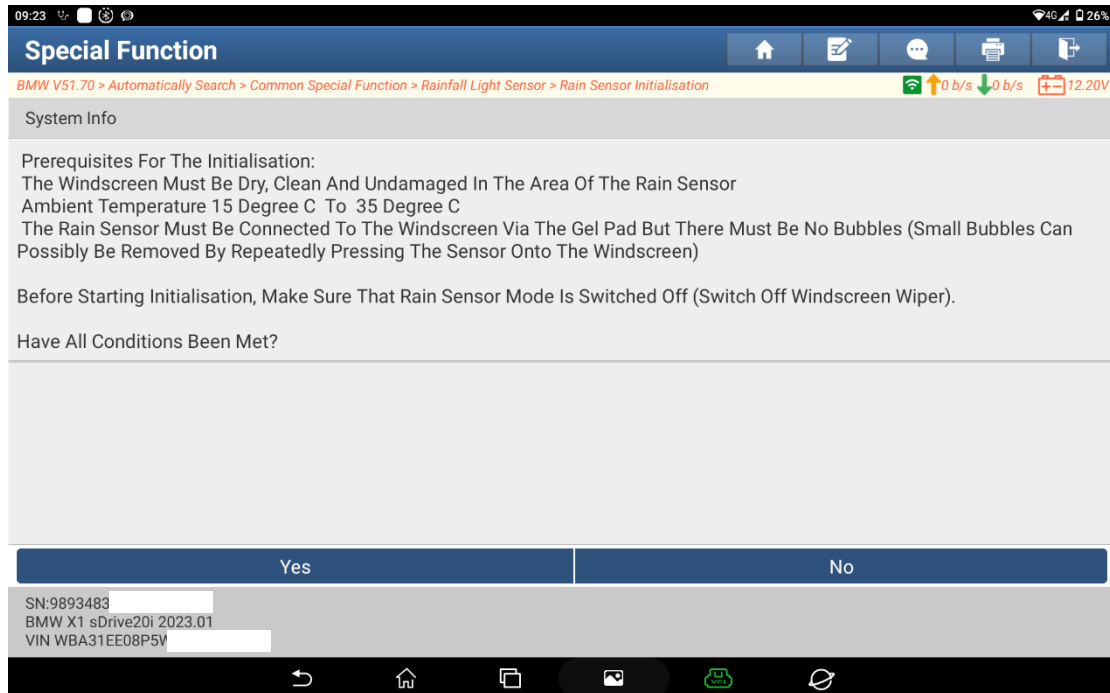
Rain Sensor Initialisation

RD: Rain Sensor Initialisation

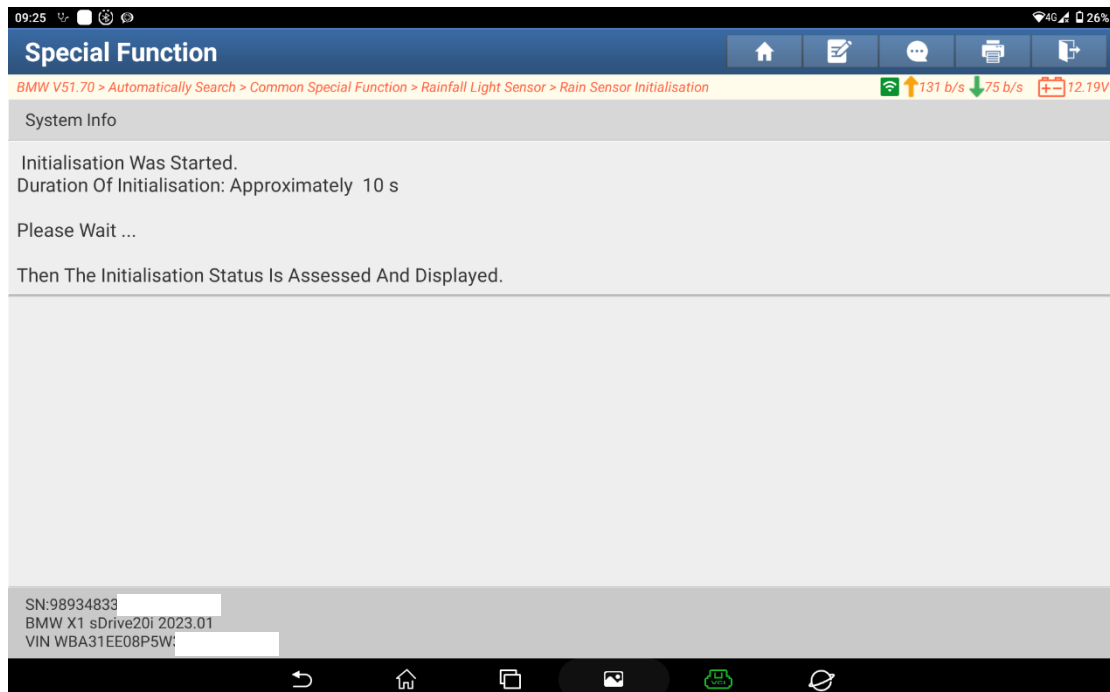


The screenshot shows the 'Special Function' menu of a BMW V51.70. At the top, there's a blue header with the title 'Special Function' and several icons (home, edit, chat, print, share). Below the header, a yellow status bar displays the path: 'BMW V51.70 > Automatically Search > Common Special Function > Rainfall Light Sensor > Rain Sensor Initialisation'. To the right of the path are icons for Wi-Fi, signal strength (0 b/s), and a battery icon (12.20V). The main content area is titled 'System Info' and contains the following text: 'Important Information: This Service Function Only Initialises The Rain Sensor And Newly Adapts It To The Windscreen. The Initialisation Procedure Has No Influence On The Driving Light Sensor!'. Below this, there's a 'Selection:' section with two options: 'F1. Carry Out Initialisation' and 'F2. End Service Function'. At the bottom, there's a dark blue bar with 'F1' and 'F2' buttons. Below this bar, the vehicle's VIN is displayed: 'SN:98934831', 'BMW X1 sDrive20i 2023.01', and 'VIN WBA31EE08P5W3'.

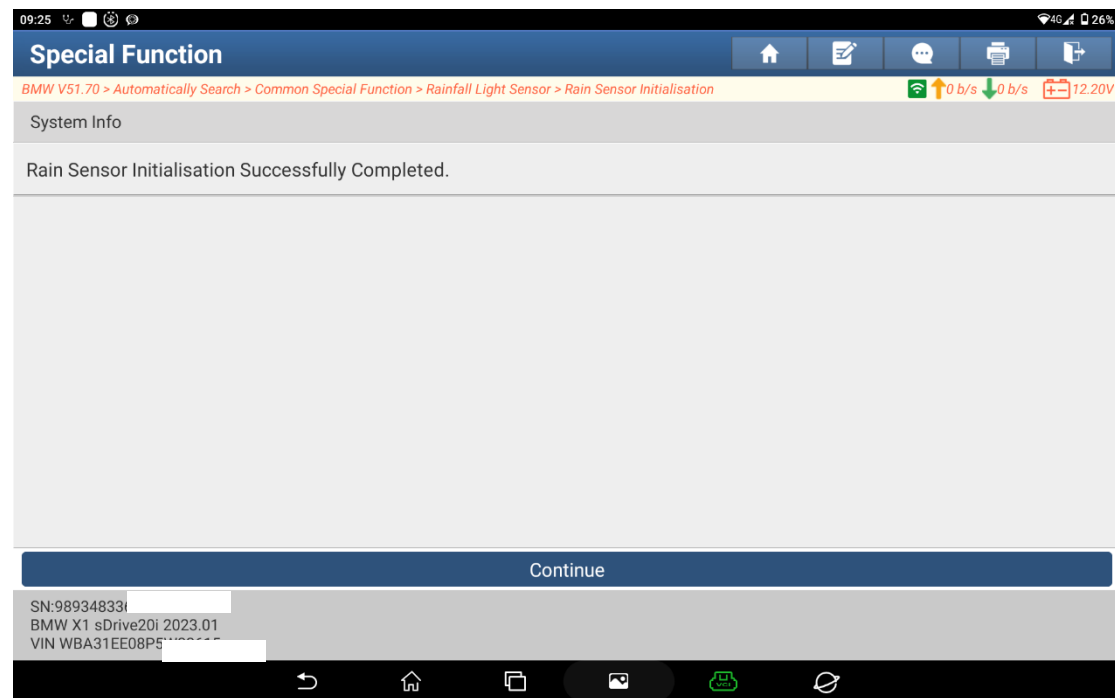
8. On the interface shown below, confirm that all prerequisites for executing the function are met, and then click "Yes".



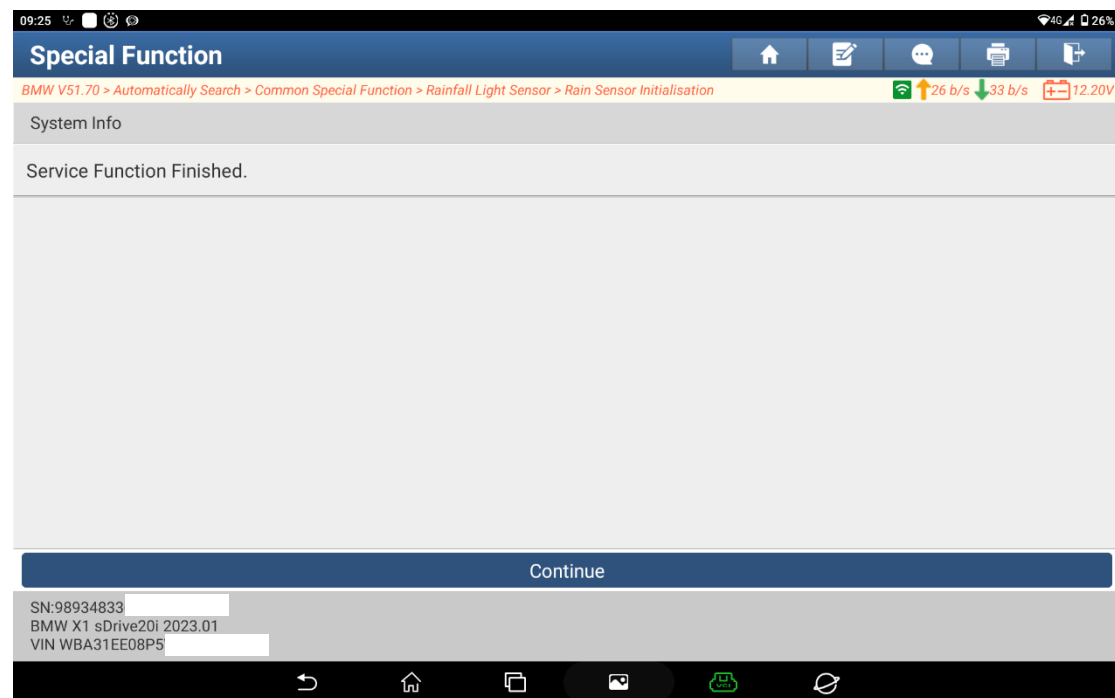
9. Initialization in progress. Wait for 10 seconds.



10. Function executed successfully. Click "Continue".



11. Service function finished. Click "Continue" to exit.



Statement:

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