

guluxly CNBJ-611

guluxly CNBJ-611 Automotive Circuit Fault Probe Tester User Manual

Model: CNBJ-611

1. INTRODUCTION

Thank you for choosing the guluxly CNBJ-611 Automotive Circuit Fault Probe Tester. This device is designed for precise measurement of current in automotive electrical systems, aiding in the diagnosis of circuit faults. Its user-friendly design and integrated features make it suitable for both household and commercial vehicle applications.

Package Contents

- 1 x CNBJ-611 Automotive Circuit Fault Probe Tester Unit
- 1 x Fuse Adapter (integrated with the tester)
- 1 x 23A 12V Battery (pre-installed)

2. SAFETY INFORMATION

Please read and understand all safety instructions before using the CNBJ-611 tester. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- **Always wear appropriate personal protective equipment**, including safety glasses and gloves, when working on vehicle electrical systems.
- **Ensure the vehicle's ignition is off** and the battery is disconnected if performing maintenance that requires power interruption.
- **Do not exceed the maximum voltage and current ratings** of the tester (48V DC, 20A).
- **Avoid contact with live circuits** unless specifically instructed and using insulated tools.
- **Keep the device dry.** Do not use in wet or damp conditions.
- **Do not attempt to disassemble or modify the tester.** Refer all servicing to qualified personnel.
- **Keep out of reach of children.**

3. PRODUCT FEATURES

- **High Precision Measurement:** Accurately measures standard current for various vehicles, detecting small current changes.
- **Integrated Front Light:** Enhances visibility in low-light conditions, improving safety and ease of use during nighttime maintenance.
- **Multi-Scenario Application:** Suitable for troubleshooting issues in personal vehicles and complex circuit tests in commercial trucks.
- **Real-Time Readings:** Provides immediate current data on a high-resolution LCD display for effective diagnostics.
- **Durable and Ergonomic Design:** Constructed from robust ABS/PC material with a rubberized coating for durability and a comfortable, non-slip grip.
- **Portable:** Compact and lightweight for easy transport and use in various testing environments.

4. PRODUCT OVERVIEW AND COMPONENTS

Familiarize yourself with the components of your CNBJ-611 tester:



Image 4.1: Detailed view of the CNBJ-611 tester components. This diagram highlights the Lighting LED, Lighting Button, LCD Display, Battery Cover, Power Button (on/off), Circuit Socket, Fuse Jack, and Fuse Socket.

- **LCD Display:** Shows current readings and other relevant information.
- **Power Button (On/Off):** Activates and deactivates the device.
- **Lighting Button:** Toggles the integrated LED light.
- **Lighting LED:** Provides illumination for dark work areas.
- **Battery Cover:** Access point for the 23A 12V battery.
- **Fuse Adapter (Circuit Socket/Fuse Jack/Fuse Socket):** The integrated component used to connect to the vehicle's fuse box.

5. SETUP

The CNBJ-611 tester comes with a pre-installed 23A 12V battery. No initial battery installation is typically required. If the display is dim or unresponsive, the battery may need replacement.

Battery Replacement

1. Locate the battery cover on the back of the tester unit.
2. Carefully open the battery cover.
3. Remove the old 23A 12V battery.
4. Insert a new 23A 12V battery, ensuring correct polarity (+/-).
5. Securely close the battery cover.

6. OPERATING INSTRUCTIONS

Follow these steps to accurately measure current using your CNBJ-611 tester:



Image 6.1: Usage Demonstration for the CNBJ-611 tester.

1. **Prepare the Vehicle:** Ensure the vehicle's engine switch is turned off. Identify the fuse you wish to test.
2. **Insert the Tester:** Carefully remove the fuse from its socket. Plug the CNBJ-611 tester's fuse adapter into the empty vehicle circuit socket. Ensure a secure connection.
3. **Power On and Read:** Press the Power Button on the tester to turn it on. The LCD display will show the measured current data in real-time. If working in a dark area, press the Lighting Button to activate the LED light.
4. **Interpret Readings:** Observe the current reading on the display. Compare it to the expected current for that circuit to identify any anomalies or faults.
5. **Turn Off Tester:** Once testing is complete, press the Power Button to turn off the tester.
6. **Remove Tester and Replace Fuse:** Carefully remove the tester from the circuit socket and re-insert the original fuse.



AUTOMOTIVE CIRCUIT FAULT PROBE TESTER

precision fault detection for every vehicle—from family sedans to commercial fleets

- ✓ Dual Voltage Detection Range
- ✓ Real-time circuit status diagnosis

Image 6.2: Tester in use, demonstrating the integrated light for dark areas.

The CNBJ-611 features an integrated LED light to assist in low-light conditions. Simply press the Lighting Button located on the tester unit to toggle the light on or off. This improves visibility when working in engine bays or under dashboards.

Real-Time Current Reading

Tired of Car Electrical Headaches

Easy, comfortable work in dark boxes & engine bays



1. Difficult Troubleshooting



2. Single tools



3. High learning threshold

Image 6.3: The high-resolution display provides clear, real-time current readings.

The high-resolution LCD display provides clear and immediate current readings, allowing for quick

identification of potential issues or fluctuations in the circuit.

7. MAINTENANCE

- **Cleaning:** Wipe the tester with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery:** If the tester will not be used for an extended period, it is recommended to remove the battery to prevent leakage.

8. TROUBLESHOOTING

If you encounter issues with your CNBJ-611 tester, refer to the following common problems and solutions:

- **No Display/Dim Display:**
 - Check if the power button is pressed.
 - Replace the 23A 12V battery.
- **Inaccurate Readings:**
 - Ensure the tester is securely plugged into the fuse socket.
 - Verify the fuse being tested is appropriate for the circuit.
 - Ensure the vehicle's ignition is off when measuring static current.
- **Tester Does Not Fit Fuse Socket:**
 - The tester is designed for blade-type automotive fuses. Ensure you are attempting to test the correct fuse type.

9. SPECIFICATIONS

Technical specifications for the guluxly CNBJ-611 Automotive Circuit Fault Probe Tester:

Product Dimensions

Manual measurements may contain some errors.

The detector's measurement range is 0.01A to 19.99A.



Image 9.1: Product Dimensions of the CNBJ-611 tester.

Feature	Specification
Product Model	CNBJ-611
Material	ABS/PC
Measuring Range	0.1A - 19.99A
Current Accuracy	±2%
Product Load	20A / 48V DC
Battery Type	1 x 23A 12V (included)
Operating Temperature	-10°C ~ 40°C (14°F ~ 104°F)
Item Weight	Approximately 5.3 ounces
Package Dimensions	Approximately 9.8 x 5.9 x 0.3 inches

10. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the retailer or contact guluxly customer service through their official channels. Keep your purchase receipt as proof of purchase.