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› [Cen-Tech](#) /

› [Cen-Tech 6/12V Circuit Tester Instruction Manual](#)

### Cen-Tech CECOMINOD036567

## Cen-Tech 6/12V Circuit Tester Instruction Manual

Model: CECOMINOD036567

### PRODUCT OVERVIEW

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The Cen-Tech 6/12V Circuit Tester is a diagnostic tool designed to quickly check for the presence of electrical current in 6-volt and 12-volt DC systems. It features a durable construction with a needle point probe and an integrated indicator light to confirm circuit activity.



This image displays the Cen-Tech 6/12V Circuit Tester. It consists of a transparent blue handle housing an indicator light and a metal probe. A black insulated wire extends from the handle, terminating in a black alligator clip.

### IMPORTANT SAFETY INFORMATION

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Read and understand all safety warnings and instructions before using this product. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Always wear ANSI-approved safety goggles during use.
- Do not use this circuit tester on AC voltage or circuits exceeding 12 volts DC.
- Ensure the alligator clip has a secure and clean ground connection before probing.
- Avoid contact with live electrical components.
- Keep hands and clothing away from moving parts when working on vehicles.
- Inspect the tool for damage before each use. Do not use if damaged.
- Keep out of reach of children.

## Setup

The Cen-Tech 6/12V Circuit Tester requires minimal setup. Ensure the tool is clean and free from any visible damage before beginning your work.

1. Uncoil the lead wire and ensure it is not tangled or kinked.
2. Confirm the needle point probe is securely attached and not bent.

## Operating Instructions

Follow these steps to test for voltage in 6V or 12V DC circuits:

1. **Prepare the Circuit:** Ensure the circuit you intend to test is accessible and safe to work on.
2. **Connect to Ground:** Attach the alligator clip of the circuit tester to a reliable ground source. For vehicle applications, this is typically the negative terminal of the battery or a clean, unpainted metal part of the chassis. A good ground connection is essential for accurate readings.
3. **Probe the Circuit:** Carefully touch the needle point probe to the wire, terminal, or component you wish to test. Ensure firm contact.
4. **Observe Indicator Light:** If electrical current is present at the point of contact, the indicator light within the tester's handle will illuminate. The brightness of the light may vary with voltage, but its illumination confirms current flow.
5. **Interpret Results:** If the light illuminates, the circuit is live. If the light does not illuminate, there is no current, or the circuit is open at that point.
6. **Disconnect:** After testing, carefully remove the probe from the circuit and then disconnect the alligator clip from the ground source.

## Maintenance

Proper maintenance ensures the longevity and reliability of your circuit tester.

- **Cleaning:** After each use, wipe the probe and handle with a clean, dry, soft cloth to remove any dirt, grease, or moisture.
- **Storage:** Store the circuit tester in a dry, clean environment, away from direct sunlight, extreme temperatures, and corrosive materials.
- **Inspection:** Periodically inspect the lead wire for cuts, fraying, or damage. Check the probe for bends or corrosion. Replace the unit if any damage is found.

## Troubleshooting

Refer to the table below for common issues and their solutions.

Problem	Possible Cause	Solution
Indicator light does not illuminate on a known live circuit.	Poor or no ground connection.	Ensure the alligator clip is securely connected to a clean, reliable ground source.

Problem	Possible Cause	Solution
Indicator light is dim.	Low voltage in the circuit or poor contact.	Verify the circuit voltage is within the 6-12V range. Ensure good contact with both the probe and the ground.
Tester appears physically damaged.	Physical impact or wear.	Discontinue use immediately. Replace the unit to ensure safety and accurate testing.

## SPECIFICATIONS

- **Brand:** Cen-Tech
- **Model Number:** CECOMINOD036567
- **Operating Voltage:** 6V / 12V DC
- **Lead Wire Length:** 5 ft.
- **Probe Type:** Needle Point
- **Handle Material:** Heavy duty high impact plastic
- **Item Weight:** 16 ounces (1 pound)
- **Power Source:** Corded Electric (relies on circuit power)
- **Measurement Type:** Voltmeter (indicates presence of voltage)
- **UPC:** 784672317917

## WARRANTY INFORMATION


For specific warranty details, please refer to the documentation provided at the time of purchase or contact the retailer directly. Warranty terms typically cover manufacturing defects for a limited period.


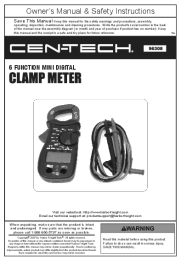


## CUSTOMER SUPPORT

If you have questions or require assistance with your Cen-Tech 6/12V Circuit Tester, please contact the retailer where the product was purchased or refer to Cen-Tech's official customer service channels for support.

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### Related Documents - CECOMINOD036567

	<p><a href="#">CEN-TECH 96308 6 Function Mini Digital Clamp Meter Owner's Manual &amp; Safety Instructions</a></p> <p>This manual provides comprehensive safety instructions, specifications, operating procedures, maintenance guidelines, and troubleshooting tips for the CEN-TECH 96308 6 Function Mini Digital Clamp Meter.</p>
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	<p><a href="#">CEN-TECH 6 Volt/12 Volt Battery Load Tester Owner's Manual &amp; Safety Instructions</a></p> <p>This manual provides essential safety instructions, operating procedures, specifications, maintenance guidelines, and warranty information for the CEN-TECH 6 Volt/12 Volt Battery Load Tester (Model 61747).</p>
	<p><a href="#">Cen-Tech 6 Function Mini Digital Clamp Meter Owner's Manual and Safety Instructions</a></p> <p>This manual provides safety warnings, precautions, assembly, operating, inspection, maintenance, and cleaning procedures for the Cen-Tech 6 Function Mini Digital Clamp Meter. Learn how to measure AC current, AC/DC voltage, resistance, continuity, and diodes.</p>
	<p><a href="#">CEN-TECH TRMS AC 600V CAT III Basic Clamp Meter User Manual and Safety Instructions</a></p> <p>Comprehensive owner's manual and safety instructions for the CEN-TECH TRMS AC 600V CAT III Basic Clamp Meter (Model 59458). Covers setup, operation, specifications, maintenance, and warranty.</p>
	<p><a href="#">CEN-TECH 6/12 Volt Battery Load Tester Owner's Manual &amp; Safety Instructions</a></p> <p>Comprehensive owner's manual and safety instructions for the CEN-TECH 6/12 Volt Battery Load Tester (Model BT-100). Covers operation, testing procedures, maintenance, specifications, and warranty information.</p>
	<p><a href="#">CEN-TECH OBD II &amp; CAN Code Reader Owner's Manual &amp; Safety Instructions</a></p> <p>This manual provides essential safety warnings, operating instructions, and troubleshooting for the CEN-TECH OBD II &amp; CAN Code Reader (Item 64981) from Harbor Freight Tools. Learn how to use your diagnostic tool safely and effectively.</p>