Power Probe PP3EZORGAS

Power Probe PP3EZORGAS Circuit Tester User Manual

Model: PP3EZORGAS

Introduction

The Power Probe 3EZ is an essential tool designed for mechanics and automotive enthusiasts. It simplifies component testing and ensures the seamless functioning of your vehicle's electrical system. This cutting-edge device allows you to apply power or ground, streamlining the process of testing various automotive components. It is compatible with 12V to 24V electrical systems, making it versatile for a wide range of vehicle models and configurations. The PP3EZ features audible beeps and LED lights for instant feedback on power or ground presence, aiding in efficient troubleshooting.

What's in the Box



Image: The Power Probe PP3EZORGAS kit, featuring the orange handheld circuit tester, a durable black blow mold case, a 20-foot extension lead with red connectors, battery clips, and a cigarette lighter adapter. These components are essential for comprehensive automotive electrical testing.

- **PP3EZ** Circuit Tester Unit
- **20FT Extension Lead** (PPTK0027)
- **Battery Clip** (PPTK0025)
- **Cigarette Lighter Adapter** (PPTK0026)
- **Probe Tip**
- **Blow Mold Case** for storage and transport

Setup

Powering the Device

1. **Connect to Power Source:** The PP3EZ operates on 12V to 24V DC systems.

    - For direct battery connection, use the provided **Battery Clip**. Connect the red clip to the positive (+) terminal and the black clip to the negative (-) terminal of the vehicle's battery.
    - For in-cabin power, use the **Cigarette Lighter Adapter**. Insert it into the vehicle's 12V accessory socket.
2. **Attach Extension Lead:** If needed, connect the 20FT Extension Lead to the main unit for extended reach.
3. **Insert Probe Tip:** Ensure the probe tip is securely inserted into the main unit.

Initial Inspection

- Before each use, inspect all cables, connectors, and the probe tip for any signs of damage or wear.
- Ensure all connections are secure to prevent inaccurate readings or potential hazards.

Operating Instructions

Basic Operation

- **Power/Ground Application:** The PP3EZ allows you to safely apply power or ground to a circuit or component. Use the appropriate button on the device to switch between applying positive voltage or ground.
- **Audible and LED Alerts:** The device provides instant feedback through audible beeps and LED lights. A green LED and a specific beep indicate ground, while a red LED and a different beep indicate positive voltage.

Component Testing

To test components like motors or blowers:

1. Connect the PP3EZ to the vehicle's power source.
2. Carefully probe the component's power input terminal.
3. Apply power or ground as required by the component to observe its operation. This helps in quickly identifying if a component is functional or faulty.

Continuity Testing and Voltage Drop Detection

The PP3EZ can test the continuity of automotive electrical systems and alert users to voltage drops.

- Probe the circuit or wire in question.
- The device will indicate the presence of voltage and alert you to any significant drop, which can signify resistance or a poor connection in the circuit.

Voltage Measurement

The display on the PP3EZ shows the measured voltage at the probe tip. This allows for precise voltage readings in various parts of the electrical system.

Maintenance

- **Cleaning:** Wipe the unit and accessories with a clean, damp cloth. Do not use abrasive cleaners or solvents.
- **Storage:** Store the PP3EZ and its accessories in the provided blow mold case when not in use. Keep it in a dry, cool place away from direct sunlight and extreme temperatures.
- **Probe Tip:** Ensure the probe tip is clean and sharp for accurate readings. Replace if bent or dull.
- **Cable Inspection:** Regularly inspect all cables and connectors for cuts, fraying, or damage. Replace damaged components immediately.

Troubleshooting

Problem	Possible Cause	Solution
No power to unit	Loose connection; Vehicle battery low; Blown fuse in adapter	Check all connections; Charge vehicle battery; Inspect and replace fuse in cigarette lighter adapter if applicable.
Inaccurate voltage readings	Poor probe contact; Dirty probe tip; Damaged cable	Ensure firm contact with circuit; Clean probe tip; Inspect and replace cables if damaged.
No audible/LED alerts	Unit malfunction; No power/ground detected	Ensure unit is powered on and connected correctly; Verify power/ground is present at the test point.

Specifications

Feature	Detail
Model Number	PP3EZORGAS
Brand	Power Probe
Power Source	Corded Electric
Operating Voltage	12 Volts (DC) to 24 Volts (DC)
Color	Orange
Package Dimensions	11.93 x 8.11 x 3.58 inches
Item Weight	3.46 Pounds

Warranty and Support

The Power Probe PP3EZORGAS Circuit Tester comes with a**Two-Year Warranty**, ensuring peace of mind regarding manufacturing defects and performance issues. Additionally, Power Probe offers **lifetime technical support** for this product.

For warranty claims, technical assistance, or any questions regarding the operation of your device, please refer to the contact information provided with your purchase or visit the official Power Probe website.

© 2024 Power Probe. All rights reserved.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question