

[Manuals.plus](#) /

› [Power Probe](#) /

› Power Probe III Clamshell Automotive Diagnostic Test Tool Instruction Manual

Power Probe Power Probe III Circuit Tester - PP3CS

Power Probe III Clamshell Automotive Diagnostic Test Tool Instruction Manual

BRAND: POWER PROBE

Introduction

The Power Probe III Circuit Tester is a versatile, multi-functional electrical circuit tester engineered for efficient and accurate diagnosis of automotive electrical systems. This handheld tool integrates a Digital Voltmeter, Min/Max voltage capture, Audible Circuit Monitoring, and a 4mm Standard Banana Jack with Auxiliary Ground, providing a comprehensive solution for various testing needs. Designed for seamless operation with 12-24 VDC systems, it offers broad compatibility across different automotive applications.





Image: The Power Probe III Clamshell Diagnostic Tool, showcasing its ergonomic design and digital display.

Setup

To begin using your Power Probe III, connect the included 20-foot power lead to the vehicle's battery terminals. The long lead provides extensive reach, allowing you to access various points around the vehicle without repositioning the power source. The tool comes with Battery Hookup Clips for secure connection.



Image: The Power Probe III with its extensive 20-foot power lead and battery connection clips, illustrating its reach.

THE ULTIMATE CIRCUIT TESTER

POWER PROBE®

www.powerprobe.com

PP319FT

THE ULTIMATE CIRCUIT TESTER!

The Power Probe 3 was designed from the ground up to be a multi-functional electrical circuit tester. From the moment you hook-up the battery clips you will have at your fingertips a...

- Voltmeter
- 20ft Jumper Lead Set
- Bad Ground Indicator
- Continuity Tester
- Pos/Neg Voltage Indicator
- Relay and Component Tester
- Power-up Components & more!

**You'll be amazed at the time
Power Probe will save you!**

POWER PROBE®



Operating Instructions

Voltage Measurement and Polarity

The Power Probe III can detect electrical circuits from 0 to 70 volts with a 1/10 volt accuracy. The digital display provides an instant voltage reading, and a polarity indication (positive or negative) is shown to ensure correct circuit identification.

Illuminating Test Area

For convenience in low-light conditions, the Power Probe III features dual headlights that illuminate the test area, ensuring clear visibility during operation.

Continuity Testing

Perform fast and simple continuity testing using the Power Probe III's auxiliary ground lead. This feature allows for quick verification of circuit integrity.

Powering Components

The tool allows you to power up components directly, either in your hand or on the vehicle. This is useful for testing various electrical components such as cooling fans, wiper motors, fuel pumps, horns, and starter solenoids.

Short Circuit Protection

The Power Probe III is equipped with internal protection against short circuits. If a short circuit occurs, the circuit breaker will trip. Simply allow it to cool and press the reset button to resume operation.

Testing Bad Grounds

Common problems like bad ground circuits can be quickly identified. By pressing the power switch rearward, the Power Probe's tip is grounded, allowing you to supply the circuit with a good ground to test its functionality.

Audio Testing

For audio installers, the Power Probe III allows you to probe an active audio channel and listen to the signal through its built-in speaker.

Distributor Pickup Circuits & Min/Max Reading

Listen to distributor pickup circuits and observe the Min/Max readings on the display to verify their operation.

Charging System Check

To check the charging system, with the engine running, press the power switch forward and read the instant voltage display.

Min/Max Voltage Capture

In positive peak mode, the Power Probe III captures and holds the maximum voltage of a circuit on the display until reset. In negative peak mode, it monitors and captures the minimum voltage, useful for identifying voltage drop or loss.

Extended Reach

The 20-foot power lead extension allows you to reach all around the vehicle, providing flexibility and convenience during diagnostic tasks.

Maintenance

To ensure the longevity and optimal performance of your Power Probe III, keep the tool clean and free from dirt, grease, and moisture. Store it in its original clamshell packaging or a suitable protective case when not in use. Regularly inspect the power lead and clips for any signs of wear or damage. Do not attempt to open the tool's casing, as this may void the warranty and could damage internal components.

Troubleshooting

If the Power Probe III is not functioning as expected, first ensure it is properly connected to a 12-24 VDC power source. Check the circuit breaker for any trips and reset if necessary. Verify that the probe tip is making good contact with the circuit being tested. If issues persist, refer to the instructional DVD or contact customer support.

Specifications

- **Product Dimensions:** 7.5 x 2 x 12 inches
- **Item Weight:** 1.36 Pounds
- **Item Model Number:** Power Probe III Circuit Tester - PP3CS
- **Power Source:** Battery Powered (12-24 VDC systems)
- **Color:** Black
- **Manufacturer:** Power Probe
- **First Available Date:** August 22, 2013

Warranty and Support

All Power Probe products, including the Power Probe III, come with a **1-year guarantee**. For technical support, troubleshooting assistance, or warranty claims, please contact Power Probe customer service. Detailed contact information can typically be found on the manufacturer's official website or within the product packaging.

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