

Power Probe PPT5VA

Power Probe PPT5VA 5-Volt Reference Adapter Instruction Manual

Model: PPT5VA

INTRODUCTION

The Power Probe PPT5VA 5-Volt Reference Adapter is designed to work with Power Probe Tek circuit testers. This adapter reduces the output voltage from the circuit tester to a stable 5 volts, enabling safe testing and simulation of sensor reference voltages in automotive electrical systems without risking damage to sensitive components.



Power Probe Tek

POWER PROBE®

PPT5VA

5 Volt Adapter



5V adapter fits
between the probe
and the probe tip



The 5 Volt Adapter reduces the output of any Power Probe Circuit Tester from battery voltage (12 volt) to a current limited 5 volt output allowing you to safely test sensitive circuits and provide 5 volt reference voltage.

12-24 VOLT INPUT | 5 VOLT OUTPUT

Image: The Power Probe PPT5VA 5-Volt Reference Adapter shown in its retail packaging, highlighting the product and its intended use with a Power Probe circuit tester.

SAFETY INFORMATION

Please read and understand all safety instructions before using the Power Probe PPT5VA adapter. Failure to follow these instructions may result in injury or damage to the product or vehicle components.

- Always ensure the Power Probe circuit tester is properly grounded before use.
- Do not exceed the specified input voltage range (12-24V DC) for the Power Probe circuit tester.
- Avoid direct contact with live electrical circuits without proper insulation.
- Refer to your vehicle's service manual for specific testing procedures and voltage requirements.
- This adapter is intended for use by qualified technicians.

PACKAGE CONTENTS

- 1 x Power Probe PPT5VA 5-Volt Reference Adapter

SETUP

Follow these steps to properly connect the PPT5VA adapter to your Power Probe circuit tester:

1. Ensure your Power Probe circuit tester is turned off.
2. Insert the male banana plug end of the PPT5VA adapter into the female banana jack of your Power Probe circuit tester.
3. Connect the tip of the PPT5VA adapter to the component or circuit you intend to test.
4. Ensure the Power Probe circuit tester is properly grounded to the vehicle chassis or battery negative terminal.





Image: The PPT5VA adapter shown connected to different models of Power Probe circuit testers, demonstrating its compatibility and connection method.

OPERATING INSTRUCTIONS

Once the PPT5VA adapter is correctly set up, you can begin using it for diagnostic tasks:

1. With the PPT5VA adapter connected to your Power Probe circuit tester and the circuit tester properly grounded, turn on the Power Probe.
2. The adapter will automatically reduce the output voltage from the Power Probe to a regulated 5 volts.
3. You can now safely apply this 5-volt reference to test sensors, simulate sensor outputs, or check circuits that operate within a 0-5 volt range.
4. Observe the readings on your Power Probe circuit tester's display. Note that the Power Probe's display may still show the input voltage (e.g., 12V) but the output through the adapter will be 5V.
5. Always verify the circuit's requirements before applying voltage.

MAINTENANCE

Proper care and maintenance will ensure the longevity and reliable performance of your PPT5VA adapter:

- Clean the adapter with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- Store the adapter in a dry, cool place, away from direct sunlight and extreme temperatures.
- Inspect the adapter for any signs of damage before each use. Discontinue use if damaged.

TROUBLESHOOTING

If you encounter issues while using the PPT5VA adapter, consider the following:

- **No 5V output:**
 - Ensure the adapter is securely connected to the Power Probe.
 - Verify the Power Probe itself is functioning correctly and receiving power.
 - Check for proper grounding of the Power Probe.
- **Inconsistent readings:**
 - Ensure all connections are clean and secure.
 - Verify the integrity of the circuit being tested.

SPECIFICATIONS

Model	PPT5VA
Input Voltage	12-24 Volts DC (from Power Probe)
Output Voltage	5 Volts DC
Item Weight	1.12 ounces
Product Dimensions	0.79 x 3.94 x 6.3 inches
Manufacturer	Power Probe

WARRANTY INFORMATION


Power Probe products are typically covered by a manufacturer's warranty. For specific warranty terms and conditions, please refer to the documentation included with your purchase or visit the official Power Probe website for the most current information.

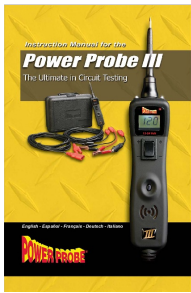
SUPPORT

For technical assistance, product inquiries, or further support, please visit the official Power Probe store or contact Power Probe customer service directly.

[Visit the Power Probe Store on Amazon](#)

Related Documents - PPT5VA

	<p>Power Probe III S Instruction Manual: Ultimate Circuit Testing</p> <p>Comprehensive instruction manual for the Power Probe III S (PP3S), detailing its features for diagnosing 12-24V automotive electrical systems, including hook-up, self-testing, voltage and polarity testing, continuity checks, component activation, troubleshooting short circuits, and advanced operational modes.</p>
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[Power Probe III Instruction Manual: Automotive Circuit Testing Guide](#)

Comprehensive instruction manual for the Power Probe III (PP3), detailing its features, hook-up procedures, various testing modes (voltage, polarity, continuity, short circuit detection), specifications, and troubleshooting for automotive electrical systems. Includes guidance for professional automotive technicians.



[Power Probe Basic User Manual: Automotive Circuit Testing Guide](#)

User manual for the Power Probe Basic circuit tester, detailing its features, safety precautions, and usage for automotive electrical testing, continuity checks, and component activation.



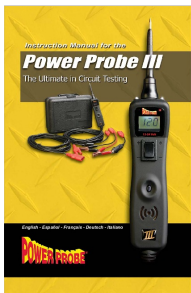
[Power Probe PPDRAW Draw Monitor User Manual & Specifications](#)

Comprehensive user manual for the Power Probe PPDRAW Draw Monitor, covering functions, operation, troubleshooting, specifications, and warranty. Includes details on voltage monitoring, leakage current, and backup power supply features.



[Power Probe Fuse Monitor User Manual: Features, Operation, and Specifications](#)

This user manual provides comprehensive details on the Power Probe Fuse Monitor, covering its features, operating instructions, status indicators, charging methods, and technical specifications for automotive circuit testing.



[Power Probe III Instruction Manual: The Ultimate in Circuit Testing](#)

Comprehensive instruction manual for the Power Probe III (PP3), a revolutionary circuit tester designed for diagnosing 12 to 24 volt automotive electrical systems. Learn about its features, modes, and how to use it for voltage and polarity testing, continuity testing, activating components, and troubleshooting short circuits.