

Contact Information

If you have any questions about our products including technical assistance, call our customer care department during standard business hours EST.

Customer care and tech support

800/342-5080

Fax:

216/761-9879

E-mail

support@hickok-inc.com

Don't forget to check out other testers, equipment and parts at our websites. Access our Quick-n-E-Z Parts and Service from any of these sites 24/7 for ordering parts or service.

Visit www.waekon.com

Visit www.hickok-inc.com

Visit www.quick-n-ezparts.com

Warranty

Subject to the conditions that follow and are noted below, this product is warranted to be free from defects in material and workmanship, under proper use and in accordance with the manufacturer's written recommendation and specifications, for a period designated below on all products:

- This product carries a one year limited warranty.

The manufacturer's obligation under this warranty is limited to unaltered products returned to the manufacturer by the initial end user of the new products. Therefore, this warranty does not cover any products resold by the end user to third parties, nor any reconditioned products sold as such, by the manufacturer. The sole remedy for any such defect shall be the repair, or replacement, of the product at the sole discretion of the manufacturer. This warranty does not cover expendable parts, such as batteries, nor does it cover shipping or handling. In addition, manufacturer is not liable for any loss or damage to product during shipping.

In the event it is determined that the product has been tampered with, or altered in any way, this warranty is void and all claims against the product will not be honored. All warranty claims must be submitted as outlined by the manufacturer and shall be processed in accordance with the manufacturer's established warranty claim procedures. These procedures include provisions that proof of purchase must be established (by either warranty card from the seller or by point of purchase receipt) and that the manufacturer will make every attempt to return ship the product within one business day from receipt of the returned product, freight prepaid.

In addition, all maintenance procedures, as outlined by the product manuals, should be followed for the warranty to be kept in force. Should the product not be used in accordance with procedures as specified, or if the product otherwise fails outside of the warranty, the manufacturer reserves the right to make such judgment and the party returning the product will be notified that written notification will be necessary to repair the product at a cost which the manufacturer deems as reasonable. The product will then be shipped back to the customer, COD; or as the manufacturer deems appropriate.

This is the only authorized manufacturer's warranty and is in lieu of all other expressed, or implied, warranties or representations, including but not limited to any implied warranties of merchantability or fitness or any other obligations on the part of the manufacturer. In no event will the manufacturer be liable for business interruptions, loss of profit, personal injury, costs of delays, or any special, indirect, incidental or consequential damages, costs or losses.

SST42V™

Instructions

The SST42V is designed specifically for the automotive service professional. A single hookup allows you to identify power and ground in 12V, 24V and 42V automotive circuits. The tester is computer and air bag safe.

The SST42V uses unique electronic circuitry to load the test circuit without drawing excessive current. It has all the advantages of a "test light" but can be used across a wide variety of voltage ranges.

The SST42V is ideal for under dash and engine compartment testing.

Features

- 12V, 24V, and 42V compatibility with Hybrid/Heavy Duty vehicles
- identifies grounds, normal 12V power, and higher voltage levels
- detects open circuit or weak power connections
- will not indicate 5V signals as power sources
- microprocessor controlled "smart" voltage level sensing
- active loading of circuit to verify power supplies
- three distinctive audio tones
- three color LED (red, green, yellow)

- white super bright LED headlamp for testing in dimly lit areas
- power port (cigarette lighter)
- proven pistol grip durability

Hookup

1. If needed, screw on the appropriate adapter over the probe tip.
2. Plug the power connector into the power source:
 - vehicle's auxiliary power port
 - battery adapter power connector (optional)

The headlight will light when power is applied correctly.

Testing

Probe a point on the circuit you are testing.

The LEDs light and the tone sounds to indicate the circuit type:

LED/ Tone	Result
Green** low tone	indicates ground
Red** medium tone	indicates normal power (12V)
Yellow** high tone	indicates high power (24V, 42V)

**See Specifications for voltage ranges

Thorough testing

Open circuits can be caused by a variety of problems. When checking the circuit, be sure you include these items:

- related fuses
- wiring and connectors (for corrosion and wear)

Specifications	
Power Supply Connection	Power Port (Cigarette plug)
Power Supply	8–45 VDC (under 35 mA)
Probe Tip Input Range	0–50 VDC
Operating Temperature	0–110° F

Logic Level	
Green/Low Tone	0–1.5 VDC (Ground)
Red/Medium Tone	7–16 VDC (Normal 12V battery power)
Yellow/High Tone	16–50V (Hybrid Power)

⚠ Caution

- Test air bag circuits according to Shop Manual procedures. Incorrect testing can deploy the air bag.
- Testing circuits over 50V can cause permanent damage to the tester.