



ELECTRONIC SPECIALTIES, INC.



**MODEL #180 LOADpro® Dynamic Test Leads**

**LOADpro® Finds these problems FAST!**

**PATENTED**

- High Corrosive Resistance
- Shorts to ground
- Open Circuits



**Applications:**  
Automotive  
Heavy Duty  
Marine  
RV  
Equipment

LOADpro® performs voltage drop test with the push of a button. On a 12 Volt system, pressing the switch applies a load of approximately .5 Amps across the circuit. This simple test finds problems in corroded wires & connections and shorts to ground. Watch our video and you'll spend less time diagnosing wiring problems. Start doing voltage drops now! Diagnose faster and earn more \$\$\$\$. Works with your existing DMM.



**SteadyPin Probe Tips**



LOADpro® features SteadyPin probe tips. Instead of a pointed probe, SteadyPin tips have a small recess at the tip that allows the probe to sit firmly on a male ECM or connector pin. Traditional pointed probes fail to give an effective connection and creates difficulties in completing manufacturer specific voltmeter tests.

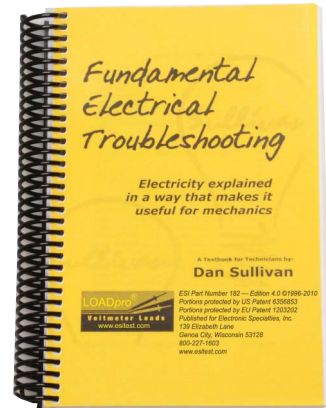
**BONUS KIT!**  
**#181 LOADpro Bundle**  
• includes #180 & #182

**#182 Fundamental Electrical Troubleshooting**

**#184 Fundamental Electrical Troubleshooting - Spanish**

200 pg. guide to every aspect of electrical troubleshooting...written by a mechanic, easy to read.

- Batteries/Testing explained
- Relays, potentiometers, resistors, solenoids
- Voltmeters explained
- Finding shorts to ground
- Battery draws explained
- Corrosion causes
- Voltage drop explained
- How-to-read schematics



**#230 Short Buddy® - Audible Trouble Shooter**

**SHORT BUDDY® Helps you find these problems!**

- Locating Shorts To Ground
- Intermittent shorts
- Intermittents caused by loose connections

**PATENTED**

SEE [WWW.ESITEST.COM](http://WWW.ESITEST.COM)  
FOR FULL SPECIFICATIONS  
AND TEST RANGES!



**Blowing Fuses??** Short Buddy helps you find the short! This unique tool **connects at the fuse panel** and becomes in series with the test circuit. **A system of audible beeps** helps you find the problem and permit hands free troubleshooting. **Have a dead short?** Short Buddy gives you continuous re-set/re-power capability, a real time saver. While you wiggle, pull, and grab wires, Short Buddy is always watching the current level. If your tug causes the dead short again, Short Buddy opens the circuit for 10 seconds, **then re-applies power to the circuit.**  
**Another big feature!** If the circuit current changes by more than approximately .3 Amps, you'll hear an audible beep. **If you pull on the "problem" wire or connector,** you'll hear the beep. When working under the dash or in a difficult area this is a huge help. Great tool for shorts, intermittent drop outs and flaky grounds & connections. A real time saver.



- Specifications:**
- Settable Amp Levels of 10, 15, 20, 25 and 30 Amps
  - Automatically opens the circuit in the event of overload
  - In Auto mode, circuit gets re-powered in 10 seconds
  - In Manual mode, user re-sets power to circuit

**Applications:**  
Automotive  
Heavy Duty  
Marine  
Equipment  
RV

**GO WITH ES FOR QUALITY TEST INSTRUMENTS**