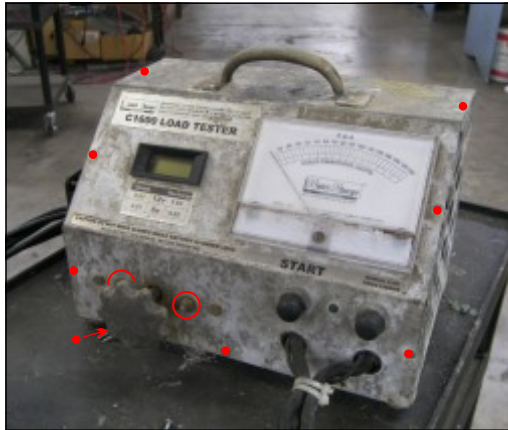
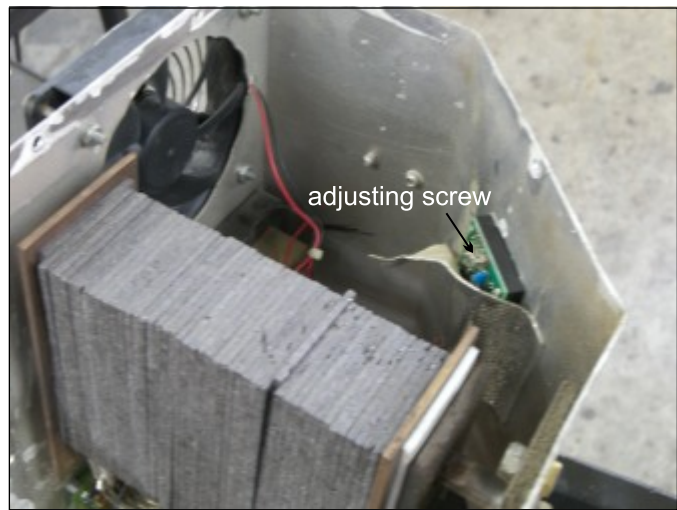
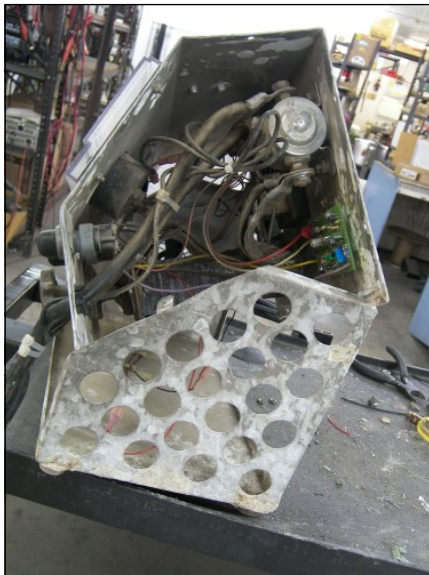


# Volt meter - recalibrate / replace C1600 Load tester



Begin by removing all sheet metal screws • Loosen, but do not remove acorn nuts ○



Separate the top and bottom cabinet. Set the top on end, voltmeter side up. To recalibrate, pull back the corner of the heat shield tape



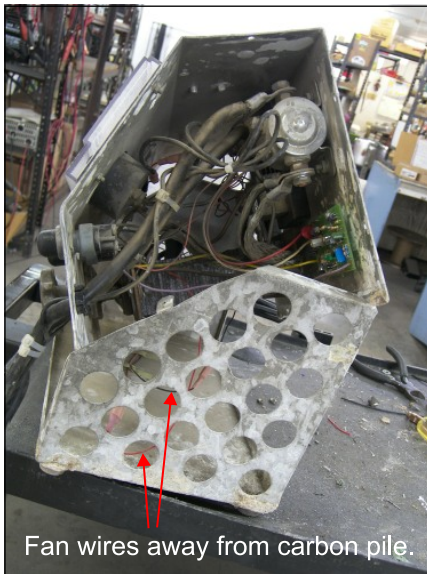
Connect the load test clamps to a battery, and an accurate test meter on the clamp jaws. Using a small jewelers screw driver, adjust the C1600 meter to within .05 of the test meter. The illustration shows the two meters are with .04 (four hundredths of a volt, and within calibration parameters.

Reapply the heat shield tape. If it won't stick, apply some additional adhesive, or acquire a new piece of tape from Quick Charge. It is important that the meter be protected from heat coming off the carbon pile.



To replace the meter, remove the heat shield tape, and using a 7/32 socket, remove the two nuts holding the meter in. The meter body and bezel will come apart. Grasp the spade terminal wire connectors and pull apart the two wires. (Don't pull on the wires)

Reinstall a new meter and tape in the reverse fashion. If you don't have a 7/32 socket, use a small pair of pliers, but be careful not to damage any of the delicate electronic components on the meter.



Reassemble the case. Make sure the fan wires fall to the bottom of the case and are clear of the carbon pile as you lower the top to the bottom. Replace all screws. Make the acorn nuts snug. **DO NOT TIGHTEN.**

If you have any questions about this procedures, call us at 800 658-2841.



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