

Hi There,

Here is a just a small sample of 20 pictures taken directly from my book **"How to Build a 50mph Electric Bike"** with a short description of each photo.

The complete book contains over 150 photographs and more than 100 pages of detailed information showing you exactly how to build your own fast electric bike.

The bicycle frame after removing the cable mounts and shortening the seat post.



Test fitting the battery boxes on the bike.



Adding the side panels to fit between the battery boxes; makes a great place to hide all the electronics and wiring.



Test fitting the batteries and filling in any voids.



Hole cut for torque arm



Bending mounting brackets



Testing torque arm to ensure tight fit against the chainstay.



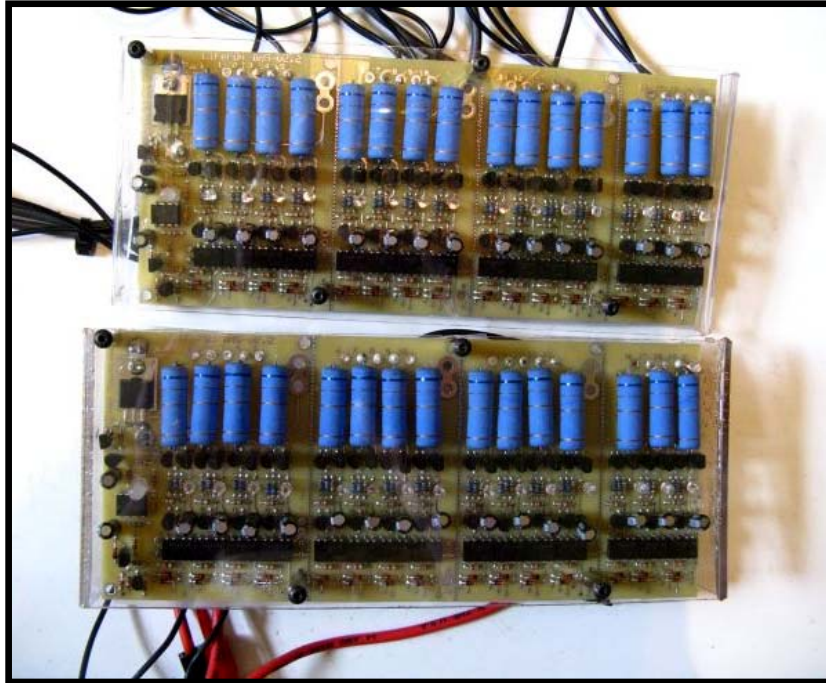
Connecting battery monitoring system wires



Gathering and labeling BMS wires into a bundle to run up to the BMS



Completed BMS boards ready to be installed



Waterproof box pre-wired and ready to accept the BMS boards



Installing temperature sensor on the motor



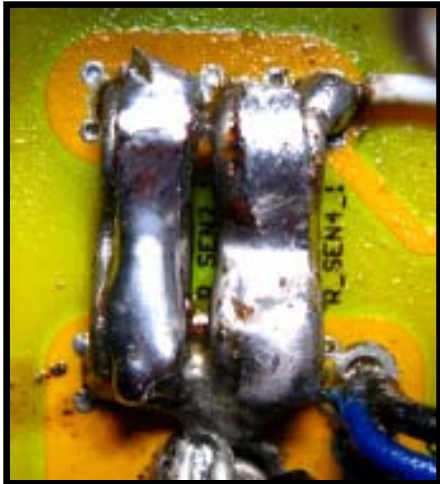
Cheap DIY Charger



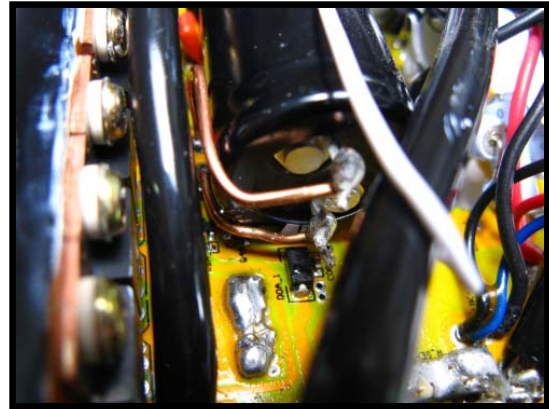
Parts for auxiliary 12 volt output



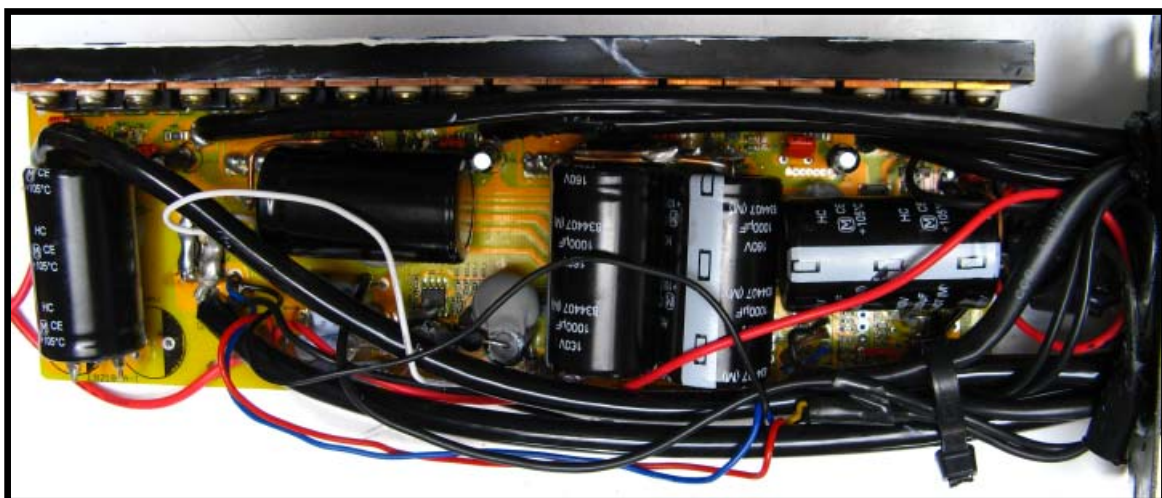
The 3 minute modification
to increase controller output
by more than 400%



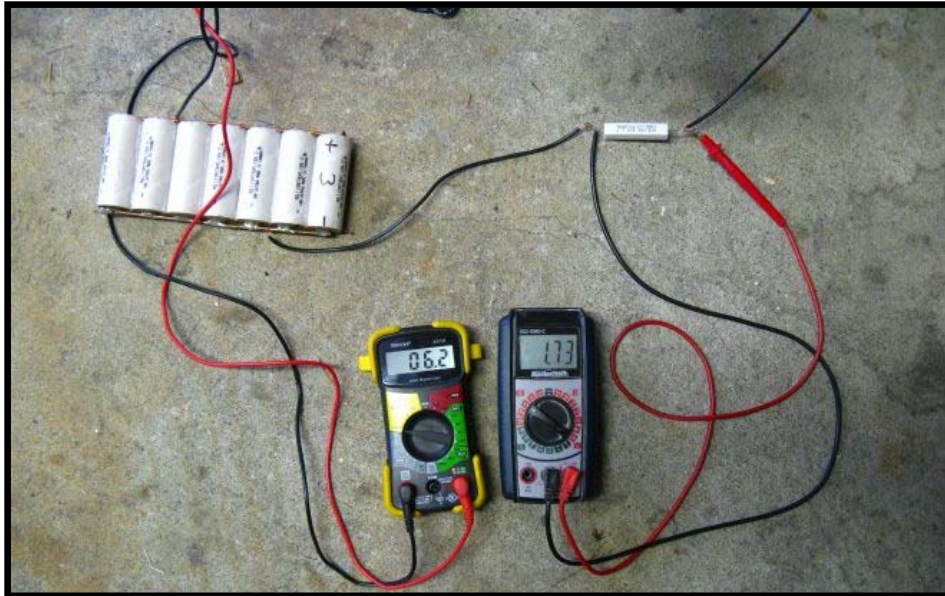
Mounting better quality
higher voltage capacitors to
the motor controller.



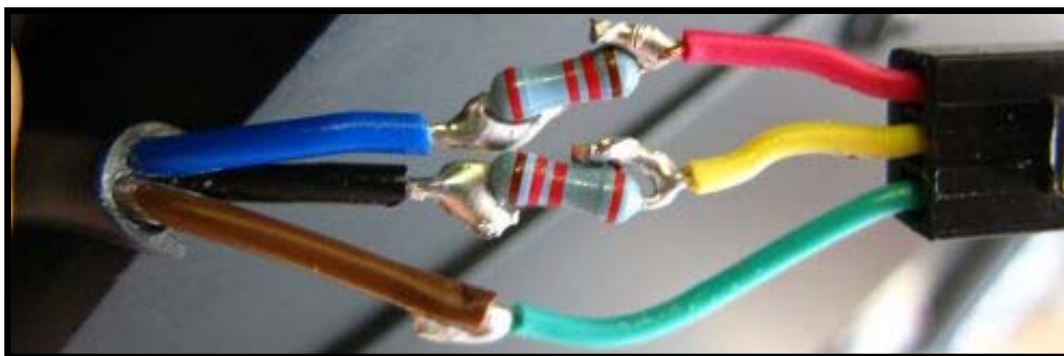
The motor controller after completing all five modifications for
increased power and durability.



Testing the modified controller to determine the new shunt resistance value.



How to modify a Magura throttle to work with a hall sensing motor controller.



The completed bike waiting for the motor controller to be mounted and all the wires connected before the first test ride.



Thanks for checking out the preview of my book

To order the complete 106 page book containing all the detailed information you need to build a fast, reliable, electric vehicle even if you are a complete novice

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