

Does anyone have a good schematic of the electrical system for the Electrathon cars or know where to get one? Any ideas of where to find the parts for the electrical systems?

My students have made an Autocad drawing for the wiring of an Electrathon vehicle using a Curtis controller. If you have the Preble Motorsports files from the Electrathon workshop, you already have the file.

Otherwise email me directly and I will attach it as a bitmap.

Parts can be purchased the easiest online. Do a Google search for Electrathon parts. There are a few companies out there that can help. Some of the basic parts can be purchased at McMaster.com

You will need the following parts:

Fuse and Fuse Holder - McMaster

Throttle - must be matched to your controller

Wire - 2 to 4 gauge, we use welding cable from a local supplier

Disconnect Switch - 24volt/250 amps

Controller - Check ElectricvehicleUSA.com

Shunt - if you want to connect an amp gauge

Nice thing to have - Battery disconnects. Makes miswiring batteries impossible.

The Electrathon America handbook has one with text explanation. You can download a copy from the web site. Electrathon.com is a good place to start looking at electrical components.

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