

Agenda for Team HEV Weekly Meeting with Professor Schafer, 2/01/2010:

1. Action Items - Closed

- a. Finished building transistor ON/OFF and starter circuitry
- b. Successfully tested circuitry with microcontroller and generator
- c. Started Research on GPS equipment (print out)
- d. Acquired materials including wires and new transformer
  - i. 18 gauge wires for starter circuitry (1 amp)
  - ii. 3 gauge wires for generator hot wire and post rectifier circuitry
  - ii. 10 gauge wires for circuitry between transformer and rectifiers
- e. Tested and determined that the current rectifier balancing circuitry will not work because of the diodes

2. Action Items - Open

- a. Modify circuit board design to accommodate ON/OFF and starter circuitry
- b. Add LEDs to every output pin on circuit board
- c. Discuss with Bauer alternatives to balancing circuitry (power transistors)
- d. Confirming hot wire with Prof Bauer and cutting it to bypass outlets
- e. Look into 70 amp fuses for taping into hot wire from generator
- e. Research current sensors for circuit board