



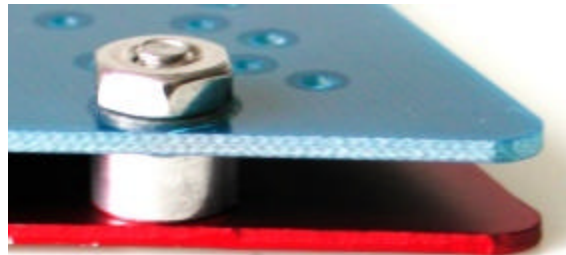
PROFESSOR MOTOR CONTROLLERS

Heat Sink Installation Instructions

Step 1. Check the fit of the flat heat screw in the countersunk hole of the heat sink. Package space with this is VERY tight. The flat head screw must be mounted flush or only very slightly raised from the heat sink surface. Watch for this problem during assembly and deepen the countersunk hole (if necessary) to make sure that the system will fit properly inside the handle.



Step 2. Mount the heat sink with the mounting hardware provided. Make sure that the lock washer is under the nut and that the aluminum mounting bushing that is around the screw is set up to allow the bushing to be flush to both the heat sink and the circuit board (this bushing is only chamfered to clear the screw on one side). Tighten the flat heat screw VERY tight while holding the nut with a wrench.



Step 3. Rotate the heat sink around the mounting screw to line up the big holes with the large holes where the handle screws pass through on the circuit board. Make sure that the plastic feet of the heat sink are resting on or close to the back of the circuit board as shown.

MOST IMPORTANT : Check between the circuit board & the heat sink to make sure that none of the electrical connections might short out on the heat sink. Be particularly careful around the circuit breaker connections (if used) and the main wire lead (red/white/black) connections.

