Emergency tiller/rudder: I made a replacement tiller from a hardwood wheelbarrow handle. Using two special clamps I made and pre-drilling holes in both the handle & oar, I was able to securely splice a 6-foot, large bladed aluminum oar to the 4-foot e-tiller to create an 8-foot emergency rudder that went into a locking oar lock mounted just to starboard of tiller on the transom. Basically it was just a large sweep. I tested it out and it was adequate to control the boat when used with properly trimmed sails.



Assembled center section



Parts for the emergency tiller



