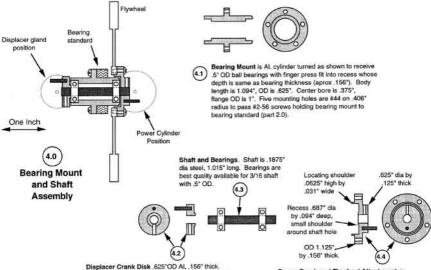
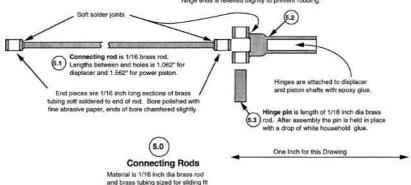


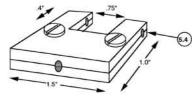
1/4 inch thick aluminum Height to bore center 2.375" Width at base 1.6875" Bore Dia .625" to fit bearing mount (part 4.1) 4.062 Inch



Displacer Crain to Total 5.23 On At. 159 titles.
Small shoulder on back rests against end of bearing inner race. Crank pin is .0625° brass rod pressed into disk and extending .25°. Crank offset is .240°. Disk held to shaft with #4-40 selscrew opposite crank pin.

Power Crank and Flywheel Attachment is 1.125" OD AI, to fit raised flywheel hub. Crank pin and set screw similar to displacer crank disk, pin offset is .215". Five flywheel attachment holes are #44 (to pass #2-56 screws) on 0.469" radius. Hinge wrist is made from 3/8 inch length of brass tubing squashed flat for last 1/16 inch of length. To this wrist are soldered two 1/16 inch lengths of tubing to form hinge ends. Space left in center for rod end is about .075 inch. Portion of wrist between hinge ends is reflewed slightly to prevent rubbing.





Sketch of the jig made to hold link parts during soldering. Two pieces of 1/8 inch thick aluminum are screwed together and carefully drilled along their interface with perpendicular holes to grasp the brass tubing. A section is then cut out of the upper ends to form the shape shown. The clamp screws allow precise positioning of the parts before torch soldering.