

American Morse Equipment

Loboy Iambic Paddle Assembly



Thank you for purchasing our LoBoy paddle kit. The parts are completely finished, requiring only assembly. Before starting assembly, please check the parts against the parts list to make sure everything is there, and read over these instructions before starting. Please open parts bag over a suitable container; there are some very small parts, and they can bounce when dropped! Please let us know if anything is missing, we will send missing parts immediately.

Tools needed:

#1 Philips Screwdriver

5/16 Open End Wrench

Needle Nose Pliers

.050 inch Allen Wrench (Included in kit)

Parts List:

Base, Magnets Installed	1	
Lever, Right		1
Lever, Left	1	
Dowel Pin, 1/8 x 7/8	2	
Set Screw, 4-40 x 3/32	2	
Pan Head Screw, 4-40 x 1/4	2	
Pan Head Screw, Ground End, 4-40 x 1/4+	2	
Pan Head Screw, Ground End, 4-40 x 1/4++	2	
Thumbscrew, 4-40 x 3/4	4	

Thumb Nut, 4-40	4
Hex Nut, 4-40	4
Hex Nut, 4-40, Small Pattern	2
Solder Lug, #4	3
Cable Stay	1
Shoulder Washer, #4	4
Flat Washer, #4	1
Plastic Bumper	4
Allen Wrench, .050	1



ASSEMBLY

Locate the step washers & press them into the larger holes in the base, top and bottom.



Locate the longer two of the pan head screws with ground ends. Put a solder lug on each screw, and insert them into the step washers from the bottom; secure with small pattern nuts on the top.



Slide the remaining solder lug over one of the plain #4 x $\frac{1}{4}$ pan head screws, and thread into the base from the bottom into the grounding hole as shown. Note: The ground hole threads are not anodized!



The other plain #4 x ¼ pan head screw and flat washer secure the strain relief. The base is now ready to receive the levers.



Next is to prepare the levers. Screw the shorter ground end ¼ pan head screws into the holes nearer the paddle finger surface. Thread the thumb nuts onto the four thumbscrews, and screw them into the remaining two holes. Thread two standard nuts onto each of the end thumbscrews. With the bottom nut flush to the bottom of the thumbscrew, tighten the other nut to lock them to each thumbscrew.



Take an assembled lever, slide it in place in the clevis of the base, and insert a dowel pin, thru one side of the clevis, thru the lever, and into the center support. Using the .050 allen wrench, lock the dowel pin in place with a #4 set screw.



Do the same for the other lever.



Peel the bumpers from the backing & stick to the bottom of the base.



Adjust gap and return force to your preference with the thumb screws & you are done!



