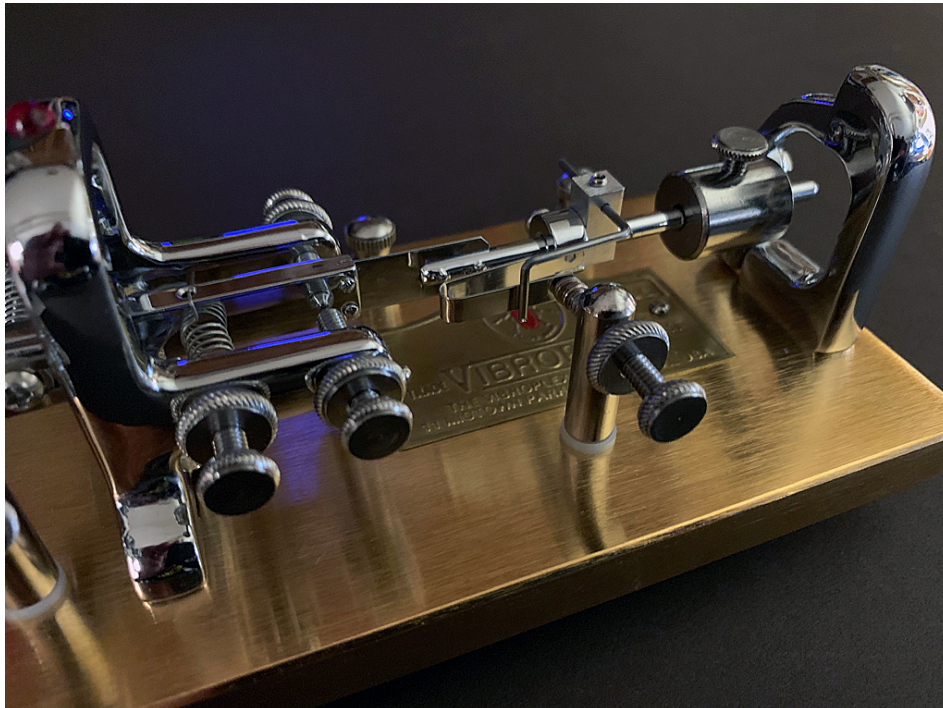


Aubrey J. Sheldon – WØEB

Left Handed Round Bar Dot Stabilizer Rev. C Installation Instructions. Device design released to the public domain 11/04/2023. Left Hand Bug image Copyright© 2019, Fred Schebor, K8NGW used with permission.

To mount the dot stabilizer, first slide the weight completely off the pendulum arm. Remove the top setscrew and the hook assembly from the DS mounting bar and be careful not to lose them. (An extra setscrew has been included just in case.) There is a second setscrew under the top one and this is used to anchor the mounting bar to the pendulum rod. Slide the bar all the way on the pendulum until it touches the dot contact mounting collar, make sure it's vertical and anchor it snugly with the internal setscrew. Now start the setscrew you originally removed and insert the hook in the small hole so it looks like the one in the picture. Slide the wire into the mounting block and adjust the hook until it just barely touches the contact spring – this is touchy and may take several tries. Lock the hook wire in place with the top set screw.

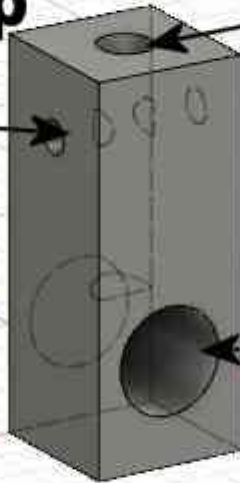
Since this will change your original timing and spacing, you will need to adjust the dot stop screw and the fixed dot contact for proper operation of the bug. When holding the dot paddle, strive for at least 20 dots before it stops and stays keyed. In order to ensure “scratch free” dots, it's usually necessary to properly align and clean the contacts as well. Picture is of one installed on a Vibroplex Original, but these instructions apply to all left handed bugs that have the round pendulum. Enjoy – Jim, WØEB



1/4" square by 5/8" long

**.125" from top
Ø55" drill
through**

**#43 Drill through
to pendulum
hole, tap 4-40
.4" top to bot.**



**11/64" drill
through**

**Vibroplex Original, Standard
and all round pendulum
Dot Stabilizer**

For the left hand stabilizer, the snubber hook needs to be made of the same .055" diameter piano wire as the right hand version and carefully bent to the shape shown in the photo above. Other than that, there is no difference between the left and right handed dot stabilizers. I have never seen a left hand McElroy bug, but if one is encountered, the only difference would be the pendulum hole needs to be enlarged to 3/16". Setscrews are 4-40 by 1/8" and two are used. One to secure the device to the round pendulum and another to secure the snubber hook in place after adjustment.