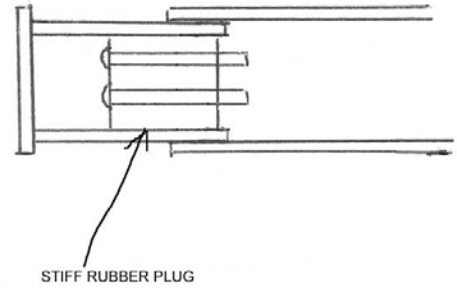


MODIFICATION OF REK-O-KUT S-320 MONO ARM TO STEREO

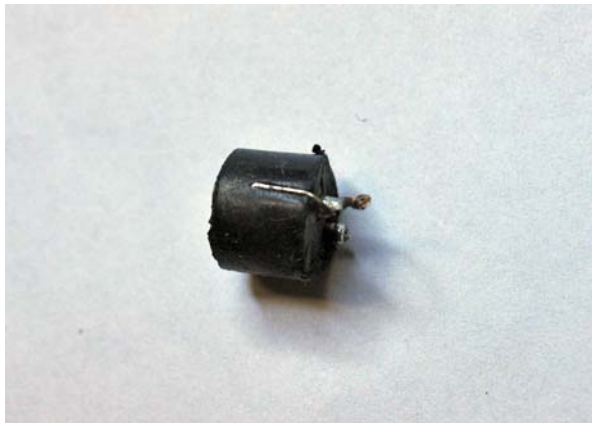
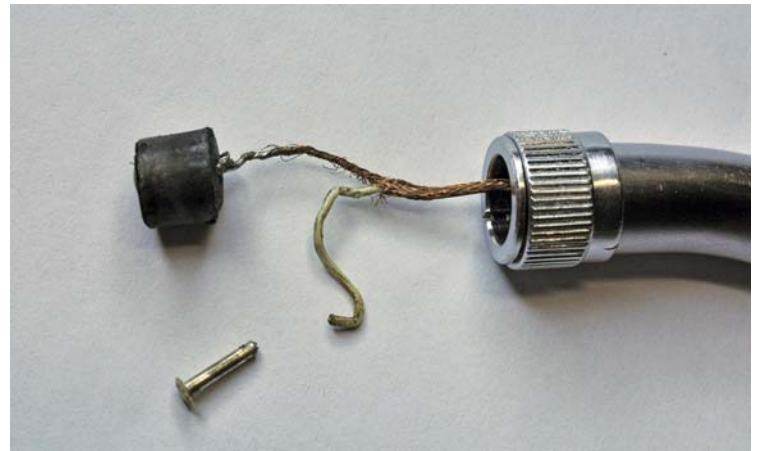
The basic construction is on right. You cannot take the collar off. It would be extremely difficult and of no use to do so.

Contrary to most conjectures, the connector has its two pins in a stiff rubber slug. The rubber plug, with its connector pins, must be removed.



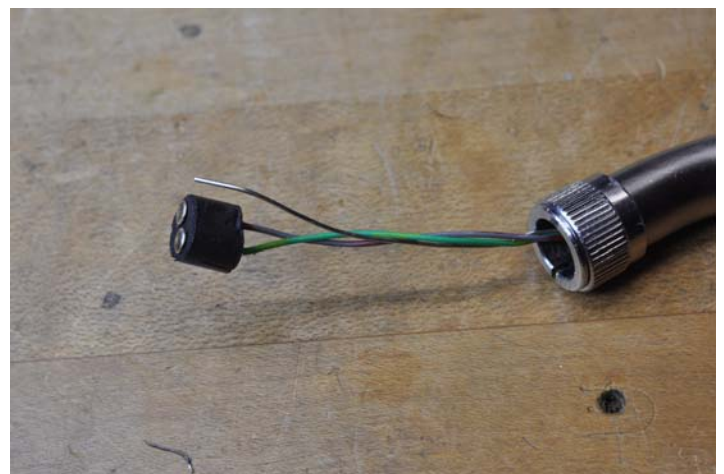
The following will probably destroy the present old mono wiring, but who cares? Rig up a coat hanger section in a vice like that shown on the left.

Take the arm tube out of the gimbal assembly. Fit tube over the wire. Grasp that tube and pound it up and down. The stiff rubber, note not plastic, not fiber, but the stiff rubber plug with pins will slowly start moving out. It can take several minutes of intense pounding to get it out.



The ground wire connected to one pin goes. Not needed anymore.

You are going to make a 3-wire, common ground system. That dangling wire will be your new common ground via the arm tube. It fits in between the rubber plug and tube just like the previous wire.



It would be preferable to use ultra thin tone arm wiring if you can find it. I used thin solid here, but spliced it to three leads of surplus tone arm wire salvaged from a junk phonograph. It helps to solder a solid wire to the ends to facilitate fishing them thru the tube to the end.



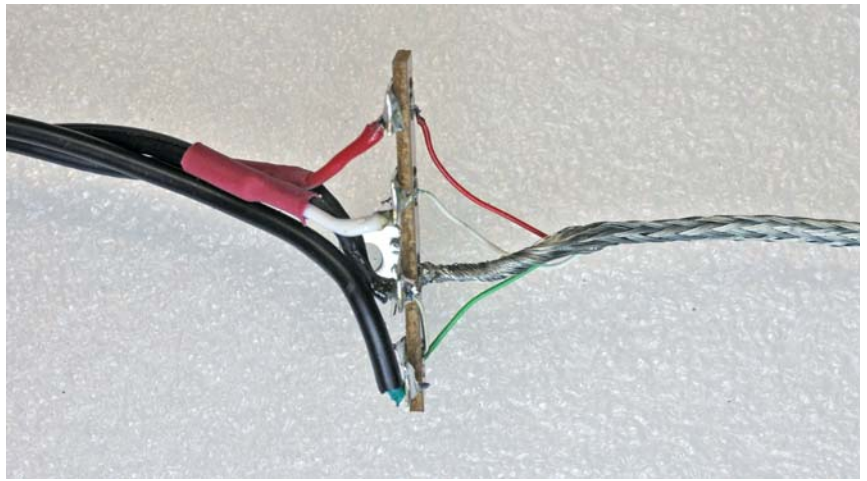
Use a metal spacer and push the rubber connector into by the distance of the headshell connector length + a fraction of an inch. Maybe 1/32." Be carefully so that it is only deep enough to permit the headshell to fit in easily. CAUTION: DON'T PUSH IT TOO FAR IN. If you do, you have to start all over again! Do this in small portions tweak and check until you have it in only the sufficient distance.

Re assemble the tube onto gimbals and base.



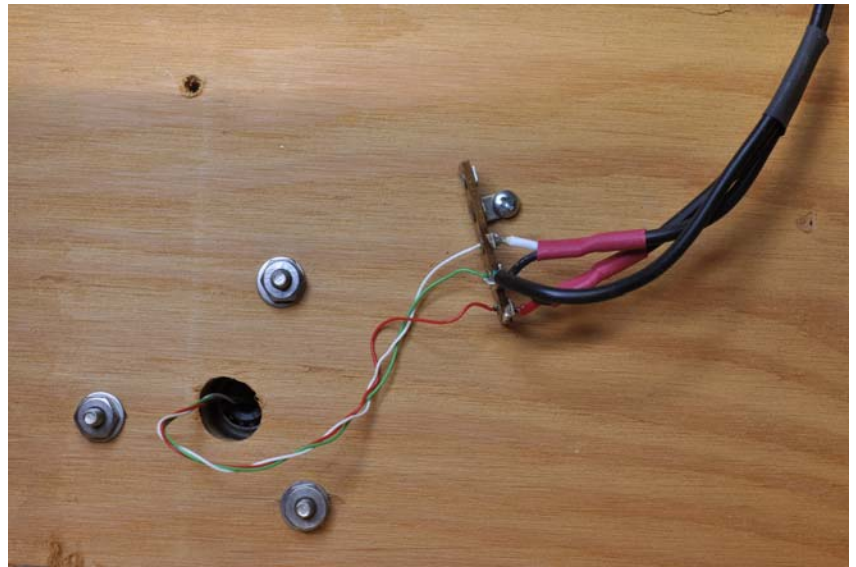
Fish thru some shielding; maybe scrap from original wiring.

Three wire connection close up. The left and right cable grounds are connected to the green, arm tube, wire. There is a bare wire jumper between the bottom lug and the lug just above it. Hence, the three wire arm is brought out to mimic a four wire system.



Connection to RCA stereo pair:

You will mount the terminal strip under the deck. Note: this photo is of another strip. Circuit is the same, implementation simpler.



Modify the headshell for three wire stereo (common ground). The tube is common ground. You make headshell case common too. Green and Blue connect to headshell somehow. I soldered it to the top plug on this original mono headshell.