

## SAVE THE CHIP - MAYBE YOUR METER!

Was asked to try fixing a Beckman DVM by friend at local TV shop, zapped it when probe tip slipped and hit a 400V line. Told him to ship it back for repair; as Beckman makes their own chips; bill came to \$51.84..

I had 3 sets of 'homemade' probe tip inserts that I made over 20 yrs. ago, and gave him a set. Said He'd never seen anything on the market like these; and wanted 6 more sets of them; if I could make them up. He paid for parts, and whipped them out during Monday Night Football. Total 'dealer cost' for parts was \$9.87.....used all new parts, but could be made for less with 'junk box parts'. Some manufacturer will probably come out with them at \$9.95/pair, molded connections-so when/if they bust will have to buy new ones....BUILD YOUR OWN.....

Parts list per pair: 2-(1 ea) Metal-Clad Tip Jacks (Mil. Spec.)

E.F. Johnson #105-0202-200, Red Tip

#105-0203-200, Black Tip

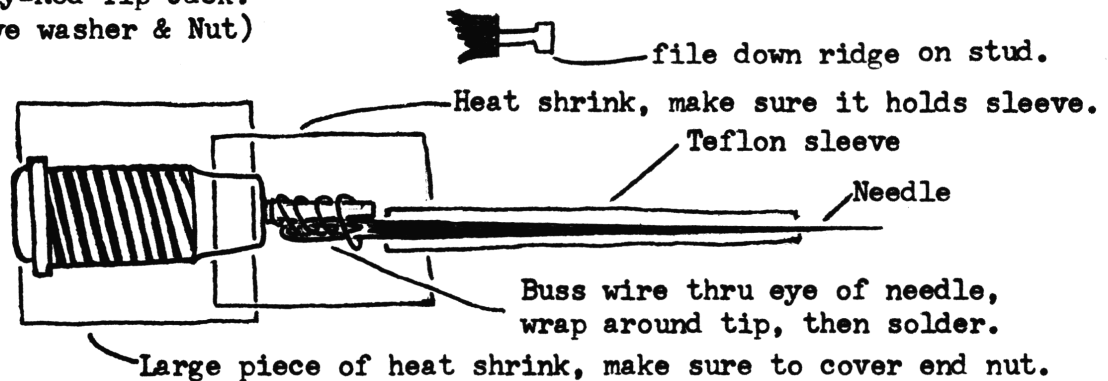
1-Sewing Needle, make sure is long enough,  
(minimum  $1\frac{1}{2}$ " , and has large eye).

1-Mueller Mini-Gator Clip #30-C, and Vinyl boot  
#32, Black.

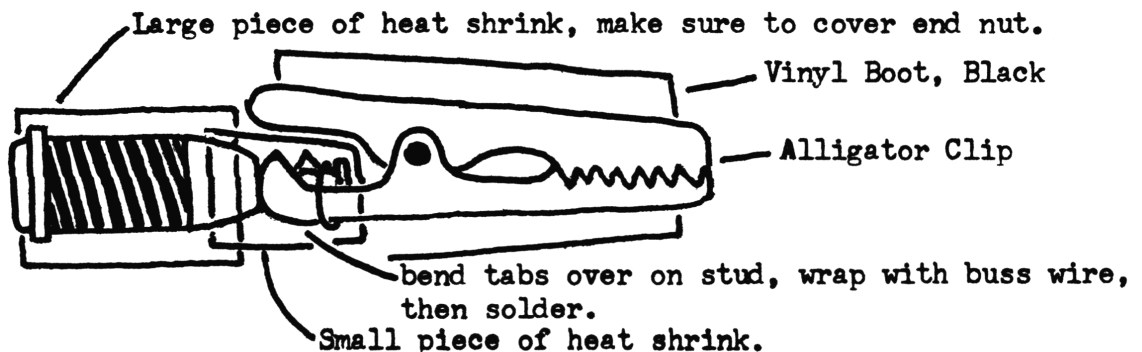
5"-Solid Buss wire "pretinned copper" 24ga.,  
R/S #278-1341 or Belden #8022.

Misc. pieces of heat shrink, and  $1\frac{1}{2}$ " of Teflon  
sleeving (I.D. size of the needle).

Assembly-Red Tip Jack:  
(Remove washer & Nut)



Assembly-Black Tip Jack:  
(Remove washer & Nut) "Do not file ridge on stud"



Now, probe around all you want, no more slipping off...