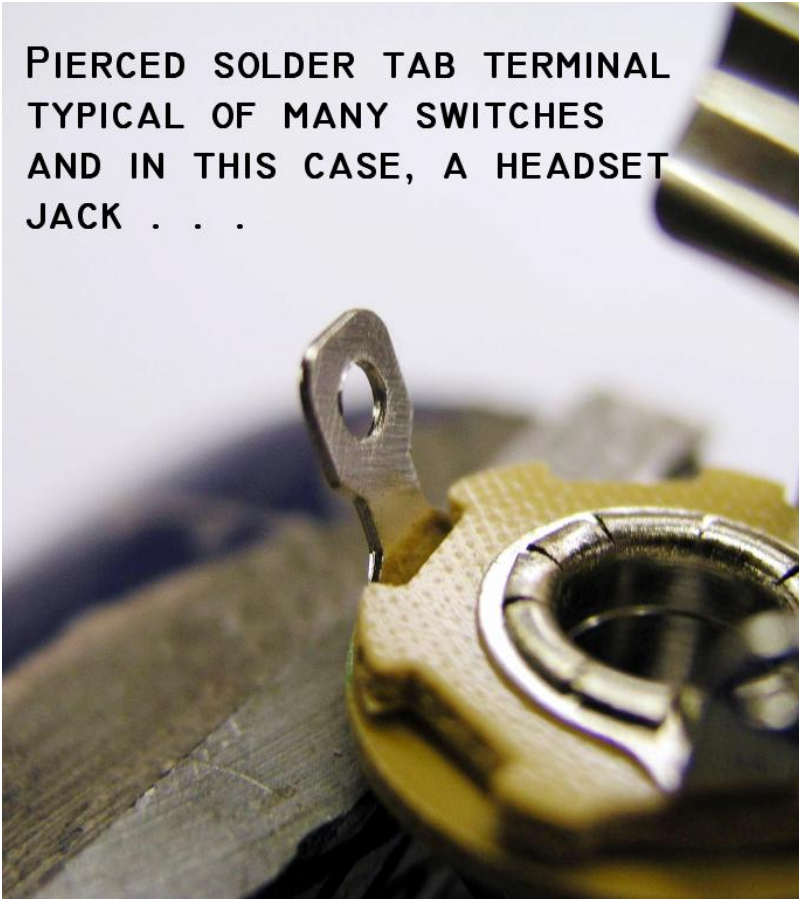




## Bob's Shop Notes: Jack and Switch Tab Soldering

PIERCED SOLDER TAB TERMINAL  
TYPICAL OF MANY SWITCHES  
AND IN THIS CASE, A HEADSET  
JACK . . .

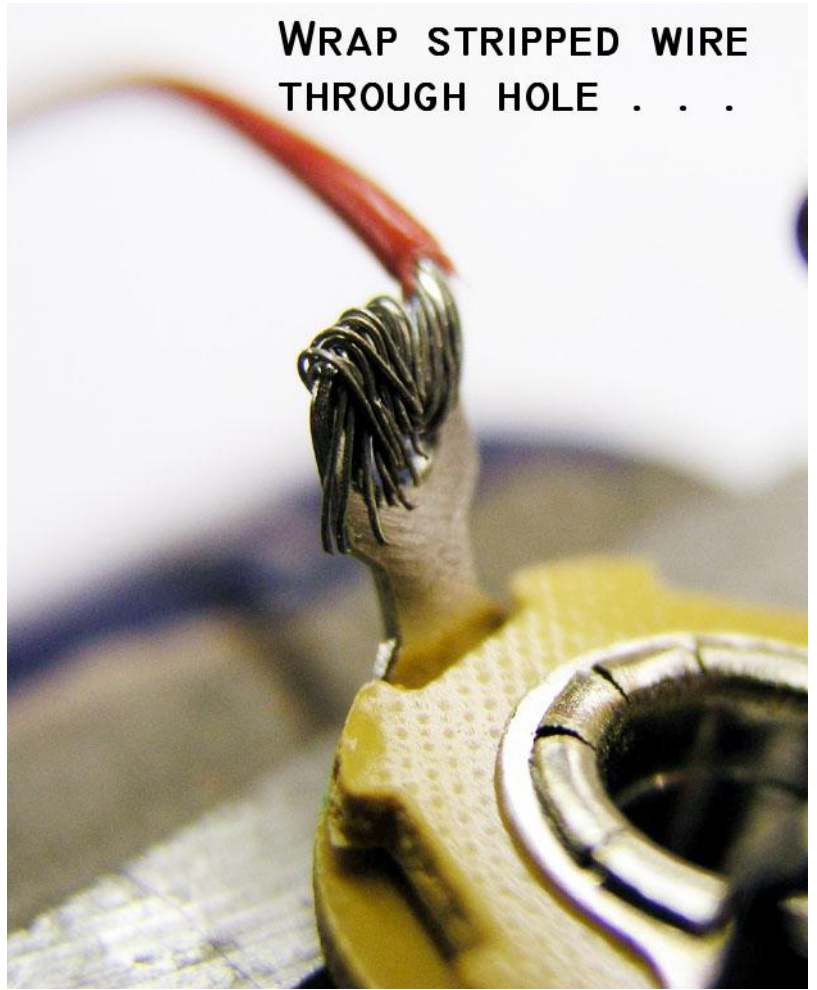


Many system components come with terminals designed to accept soldered wires for connection. The terminals may be simple posts, tabs, pierced tabs, etc. The headset jack illustrated here offers pierced tabs . . .

[Click here for larger image.](#)

## WRAP STRIPPED WIRE THROUGH HOLE . . .

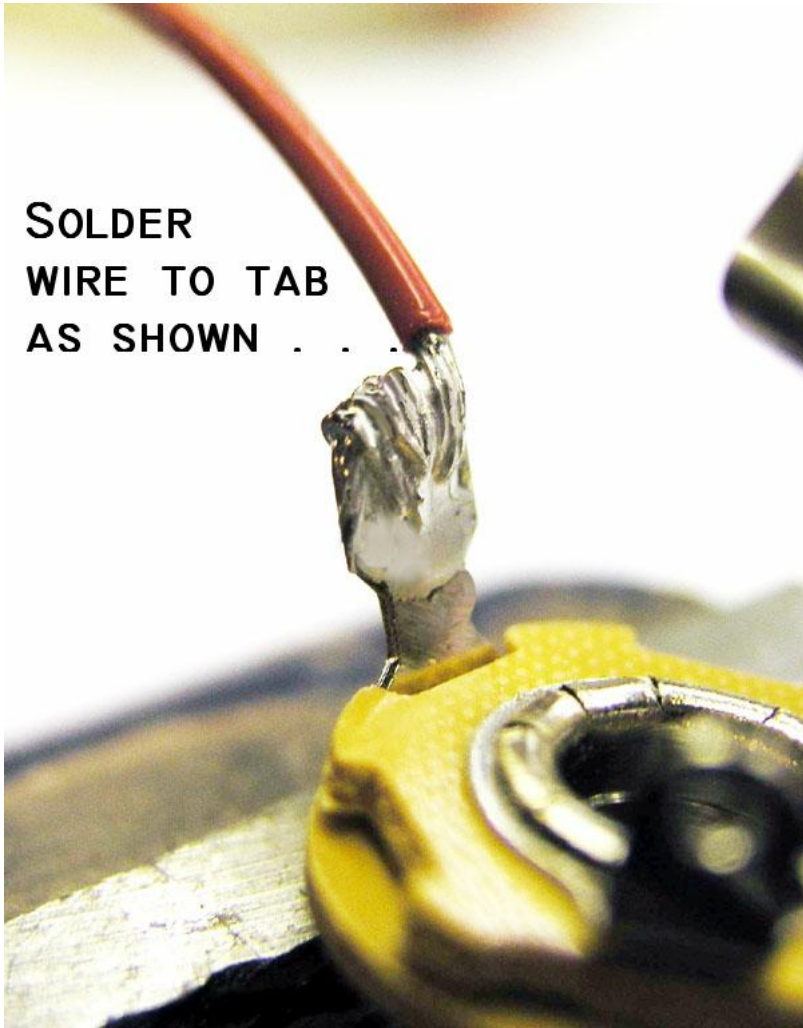
Strip the wire with sufficient exposure of strands to extend through the hole and wrap around the terminal edge as show.



[Click here for larger image.](#)

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SOLDER  
WIRE TO TAB  
AS SHOWN . . .



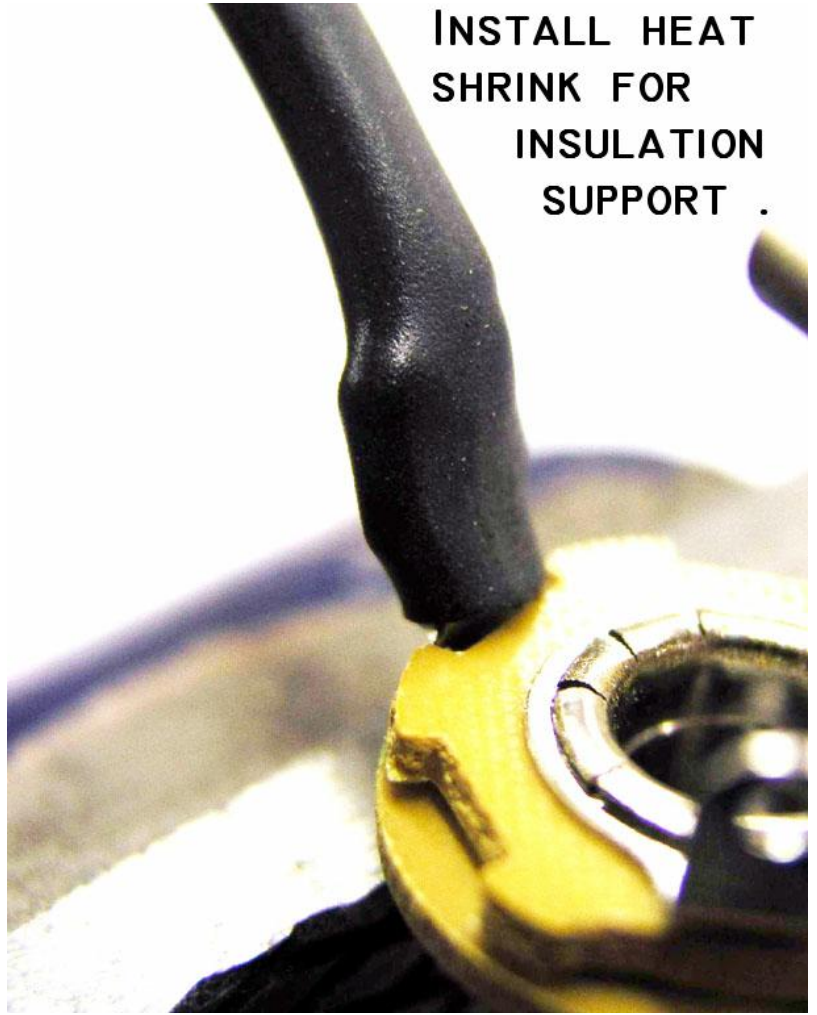
Complete the joint with electronic grade solder. 60/40, 63/37 with a non corrosive flux. Kester Resin "44" or "285" are both good as are many others.

[Click here for larger image.](#)

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## INSTALL HEAT SHRINK FOR INSULATION SUPPORT .

After soldering, cover joint with heatshrink for insulation support. Heatshrink large enough to fit over the tab may not shrink sufficiently to grab the wire. It's a good idea to put a short piece of smaller heatshrink over the wire to build its diameter. This same technique applies to any device with similar, solderable terminals.



[Click here for larger image.](#)

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