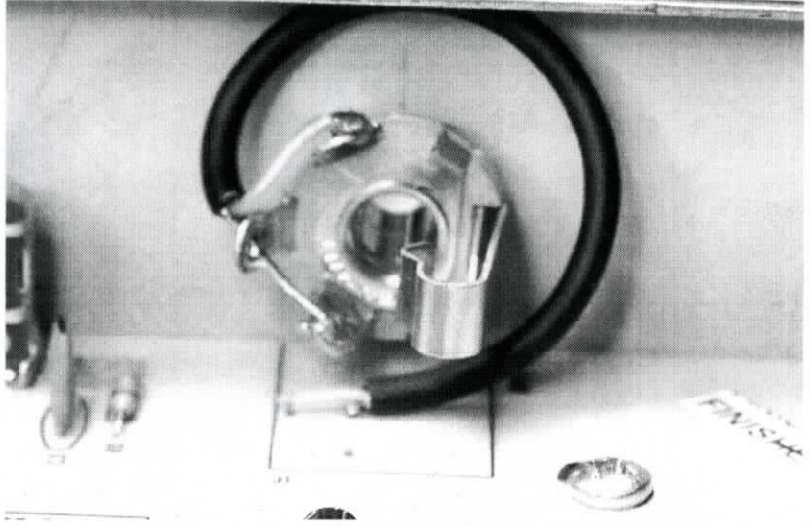
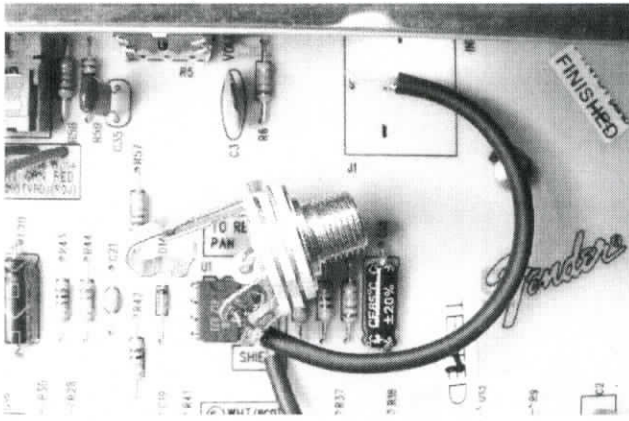


## Billm Switchcraft Replacement Input Jack

Remove the old input jack with a solder sucker or desoldering braid. Wiggle the jack while heating each lug in turn to prevent the solder from reattaching after you've removed all that you can.

The stock jack has four slots for lugs, but you need only two of them for the cream board, none for the green board. Orient the wires as shown below. Connect the signal lead to the left, the shield to the right, as shown.

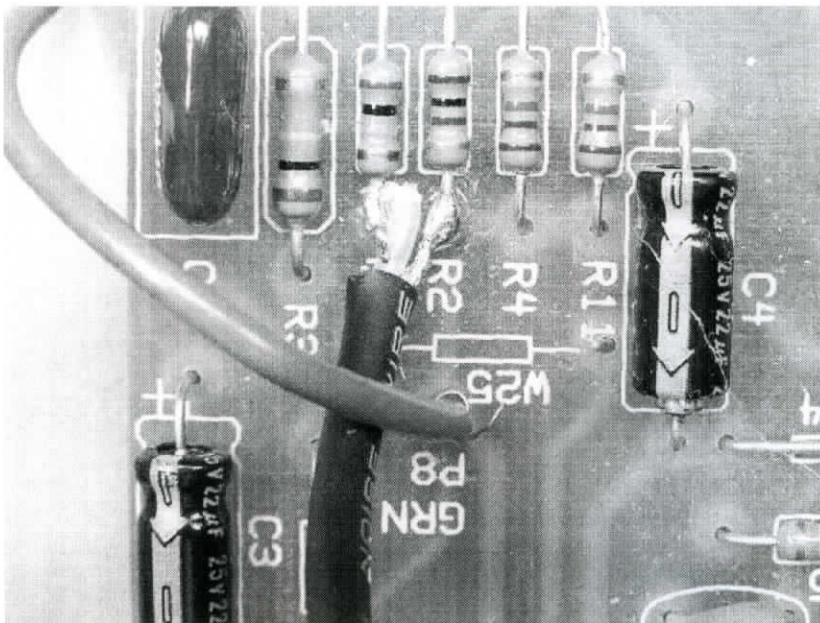


On the green board, clip jumper W25 and solder the center lead to R1 and the shield to R2, as shown. The green board has no shielding on the board, so running directly to the input resistor makes the amp quieter and prevents internal feedback from the treble control.

You can also desolder the stub from W25 and solder the center lead in the hole. It runs directly to R1. You must clip or remove W25 or you will get feedback from the treble circuit, which runs alongside the input trace. Install the jack on the green board as shown above, with the contact spring away from the volume control.

This is the crude way to do it on the green board.—solder right to the input resistor and ground. When we do these in the shop, we drill a hole in the trace that runs to R2 from the green ground wire. The

shield lead goes in there and the center lead goes into the vacant W25 hole that leads to the input resistor.



The black isolating washer goes on the inside, with the ridge preventing the jack from touching the faceplate. The fiber washer goes on the outside, then the metal washer, and finally the nut.