

AC-3-PCB-1 Assembly & Installation Instructions

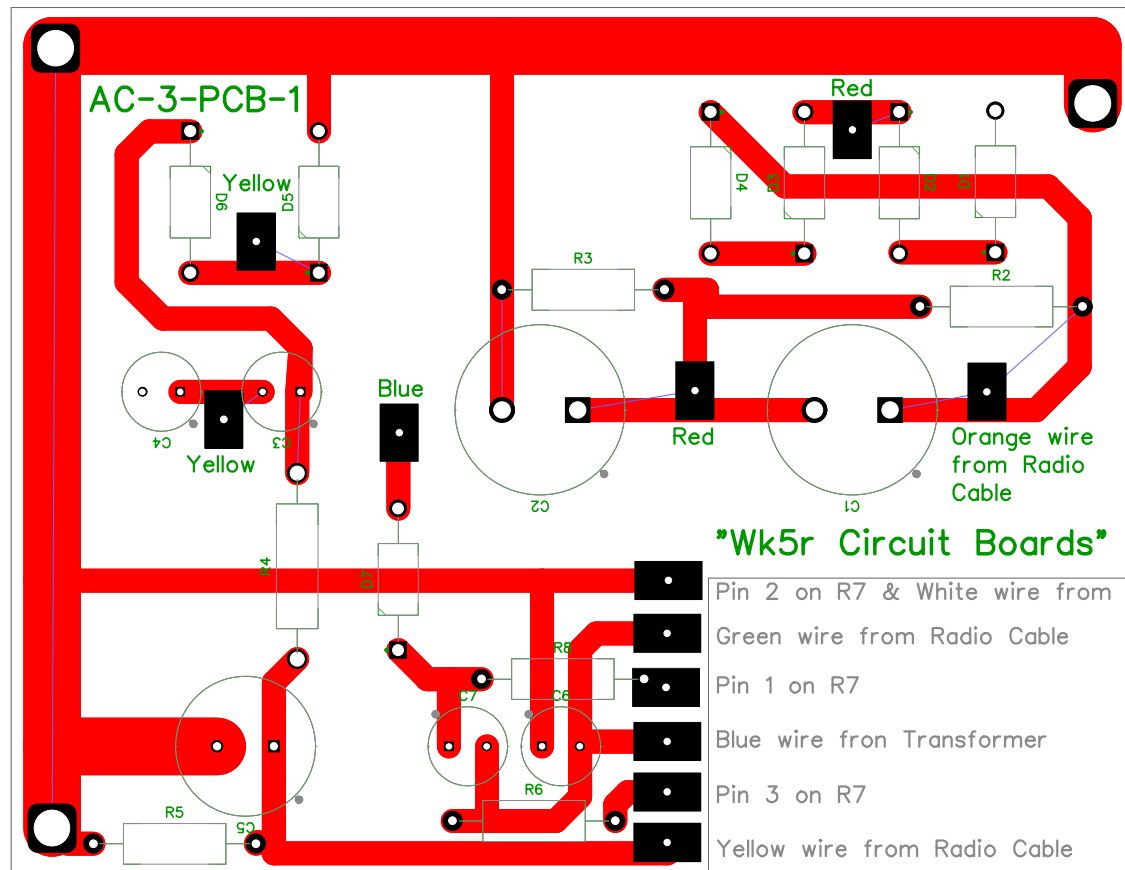
First disconnect all of the wires except the ones on the barrier strip where the filament wires are connected noting their colors and where they connect, in case someone has worked on the supply before and replaced some of the wires. Then Disconnect the resistors and the center wire from the bias pot, noting the resistor colors and where they go. Remove all of the barrier strips except the one mentioned above leaving the nut off of the one that holding one corner of the transformer, then remove all of the caps. Populate the board using the board diagram to see where everything goes and which way it is turned. If you bought the fully assembled board skip this step. Once you have completed this step you are ready to mount the board, you will need 2 more bolts the same size as the ones holding the transformer and 3 extra nuts to secure the board, They may need to be a little bit longer, and also the one holding the transformer may need to be a little bit longer. Once you have the board mounted, use the pad info on the the board diagram the reconnect the wires, and the bias pot resistors, if the resistor leads are long enough you may use them to reconnect the resistors to the Bias pot. You will need a short piece of wire to reconnect the center pin of the bias pot to ground. Look at the schematic of the AC-3 if the wire colors have been changed, this will help you figure out where they go. You can download the schematic if you don't have one from www.mods.dk, or the Bama boat anchor web site.

Thanks Rusty WK5R
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Component	Package	Value	Manuf	Manuf Part No	Distrib	Distrib Part No	Ref Name	Qty
1N5408	AFL		IR	1N5408	Digi-Key	1N5408-ND	D1 D2 D3 D4 D5 D6 D7	7
CP4	DSCV	27uf @ 160volts					C6 C7	2
CP4	DSCV	100uf @ 160volts					C3 C4	2
CP5	DSCV	150uf @ 450volts					C1 C2	2
CP6	DSCV	82uf @ 450Volts					C5	1
RA	DSC	6.8k ohms 2watt					R5	1
RA	DSC	10K 2watt					R6	1
RA	DSC	100 ohms 5watt					R3	1
RA	DSC	220k ohms 2watt					R1 R2 R4	3
RA_POT	DSC	10K					R7	1

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PCB Artist Bill of Materials is provided for reference only and must be verified by the user.



Pads on the board marked only with the wire color, those wires are from the Transformer.

