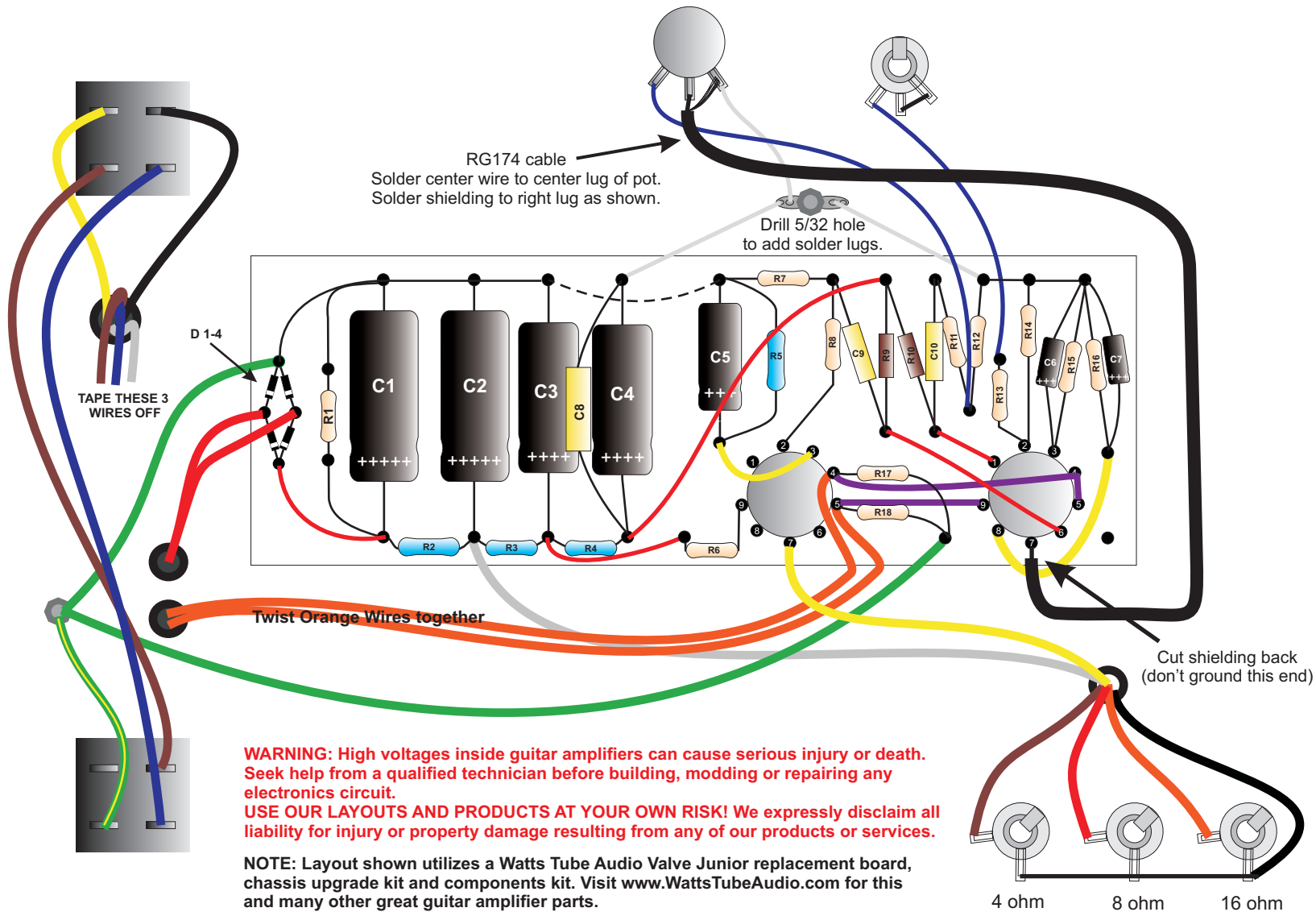


# Watts "Voxy" layout diagram

Epiphone Valve Junior with Watts Tube Audio mods



Capacitor	Value
C1	47uF / 450v
C2	47uF / 450v
C3	22uF / 500v
C4	22uF / 500v
C5	1000uF / 35v
C6	22uF / 63v
C7	22uF / 63v
C8	.1uF @ 630v
C9	.022uF / 630v
C10	.0022uF / 630v

Resistor	Value
R1	220k / 1w
R2	1k / 3w
R3	4.7k / 2w
R4	10k / 2w
R5	240 / 3w
R6	1k / 1w
R7	220k / 1w
R8	56k / 1w
R9	100k / 1/2w
R10	100k / 1/2w
R11	100k / 1w
R12	100k / 1w
R13	10k / 1w
R14	1m / 1w
R15	1.5k / 1w
R16	1.5k / 1w
R17	100 / 1w
R18	100 / 1w

**WARNING:** High voltages inside guitar amplifiers can cause serious injury or death. Seek help from a qualified technician before building, modding or repairing any electronics circuit. **USE OUR LAYOUTS AND PRODUCTS AT YOUR OWN RISK!** We expressly disclaim all liability for injury or property damage resulting from any of our products or services.

**NOTE:** Layout shown utilizes a Watts Tube Audio Valve Junior replacement board, chassis upgrade kit and components kit. Visit [www.WattsTubeAudio.com](http://www.WattsTubeAudio.com) for this and many other great guitar amplifier parts.