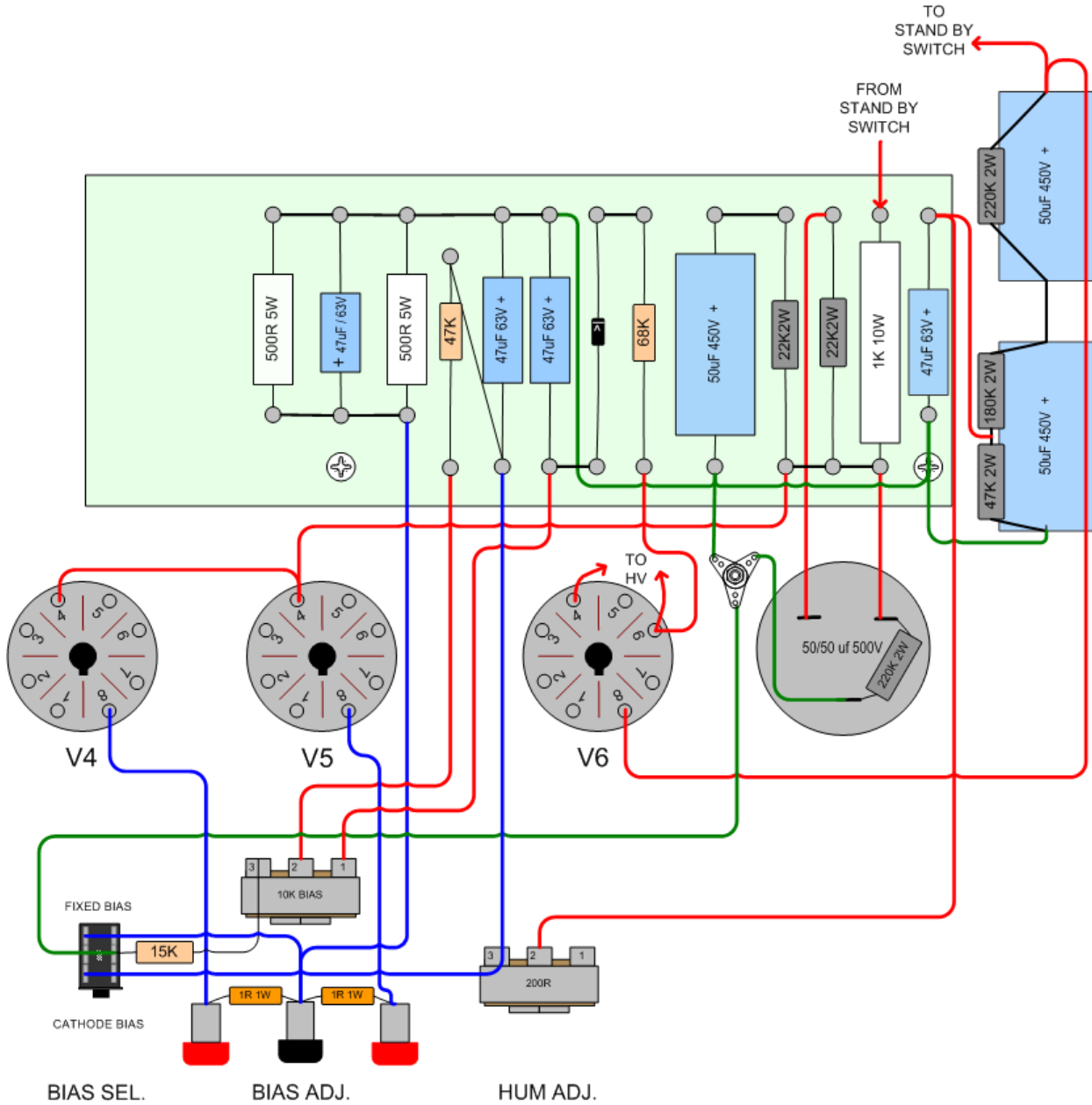


BIAS SUPPLY WIRING AND TESTING

version 5



See instructions on other side.

POWER SUPPLY HIGH VOLTAGE - USING RED COLOURED WIRE.

- Connect one half of the 50-50 Can Cap to the 1K 10W power resistor on the board.
- Connect a 220K 2W Bleeder Resistor from the terminal in Step 1 to the negative terminal.
- Connect the other half of the 50-50 Can Cap to the opposite side, 22K 2W power resistor on the board.
- Connect the centre terminal of the Hum Adjustment pot to the Positive side of the 47uf 63V axial capacitor.
- Connect Pin 8 of the Rectifier socket, V6, to the Positive end of the Capacitor Assembly.
- Connect Pin 6 of the Rectifier socket, V6, to the 68K bias voltage dropping resistor on the board.
- Connect the centre terminal of the BIAS POT to the 47K resistor on the turret board
- Connect the outside (1) terminal of the BIAS POT to the Negative end of the 47uF/63V axial capacitor.
- Join pins 4 of V4 and V5 together. Continue to connect them to a 22K 2W resistor turret.

BIAS SUPPLY - USING BLUE COLOURED WIRE.

- Connect the 500R / 50uf Positive end / 500R on board to the common / black Bias Measuring Terminal. There should be a connection to the BIAS SELECT - FIXED terminals. If not, make one.
- Connect Pin 8 of V4 to one Red Terminal
- Connect Pin 8 of V5 to the other Red Terminal.
- Connect the 47K/47uF junction on the turret board bias supply to the CATHODE terminals of the of the BIAS SELECT switch.

CHECK YOUR WORK AGAINST THE LAYOUT DRAWING.

TESTING WITH NO RECTIFIER INSTALLED

- If you get a proper AC value from the HV secondary turn the BIAS POT and observe a change in negative DC voltage in the -50V DC range when measured at the BIAS ADJUST pot wiper. This confirms the BIAS control is functional. If not, recheck your wiring.

NOTE: If when biasing your amp you feel the bias range is insufficient and need more bias, replace the 22K resistor with a 15K resistor if not already installed.