

conrad-johnson design, inc.

CONVERSION OF THE PREMIER 11 TO THE PREMIER 11XS (EL 34 TRIODE OPERATION)

- 1) Remove (4) 20 ohm/5W (black) resistors from top of board and replace them with (4) 100 ohm/5W resistors.
- 2) Remove the (4) screen wires coming from the output transformer from the (4) pins located on the bottom of the main board where the 100 ohm/5W resistors are. Two of the screen wires are BROWN and two of the screen wires GREEN. See DIAGRAM 1.
- 3) The (4) screen wires are no longer used, so you must seal the wires off with heat shrink tubing. Secure down wires with wire ties.
- 4) You must now install (4) jumper wires made of solid buss wires. Each jumper wire will be shorting to the empty pin (where you removed the screen wire) to the pin that has the BLUE or BLUE/WHITE plate wire installed on it. Make sure your jumper doesn't short out any traces on the P.C. board. See DIAGRAM 1.
- 5) Remove (1) 27v zener (IN 5254) in the bias supply and replace it with (1) 12v zener (IN 5242). This will change the bias voltage from -70v to -56v.
- 6) Remove (4) 6550 output tubes and install (4) EL34 output tubes.