

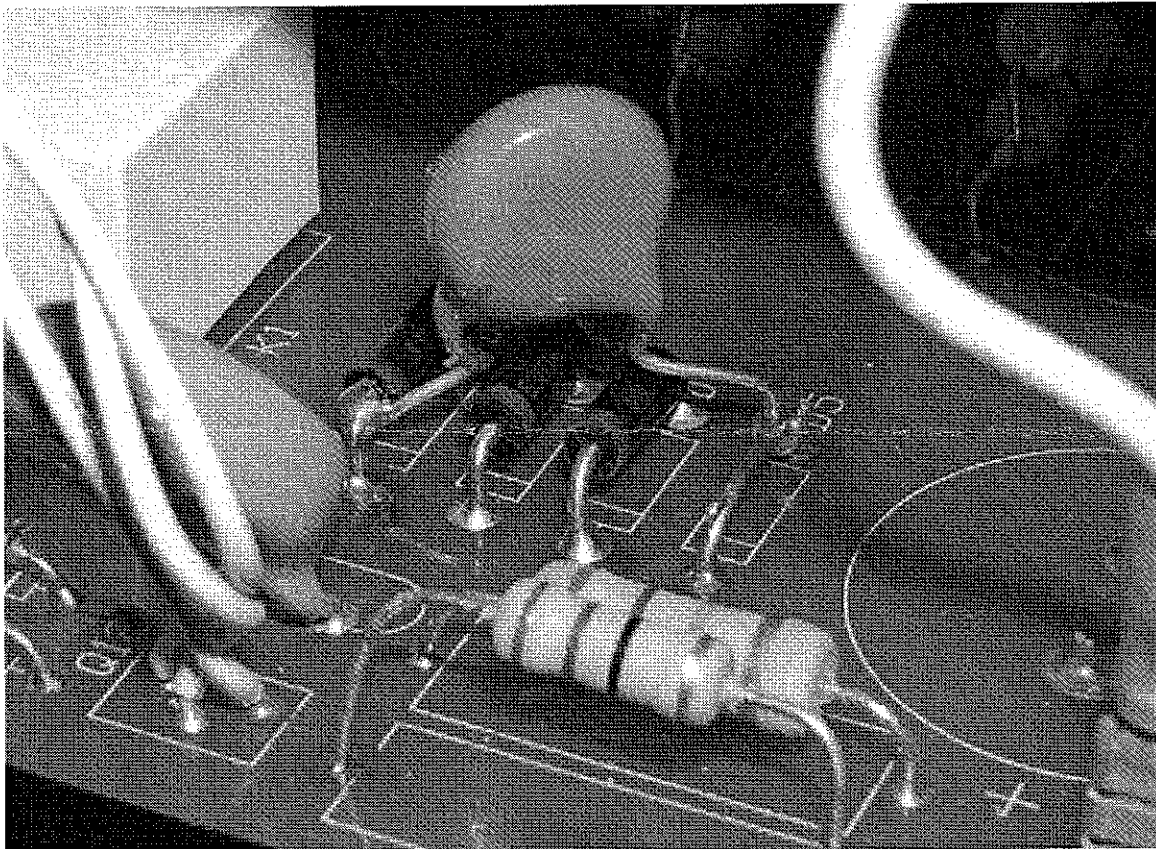
Ok Nov 1006

Alpha 99/91B Screen Supply Modification

NOTE: Before installing modification, unplug amplifier from AC power!

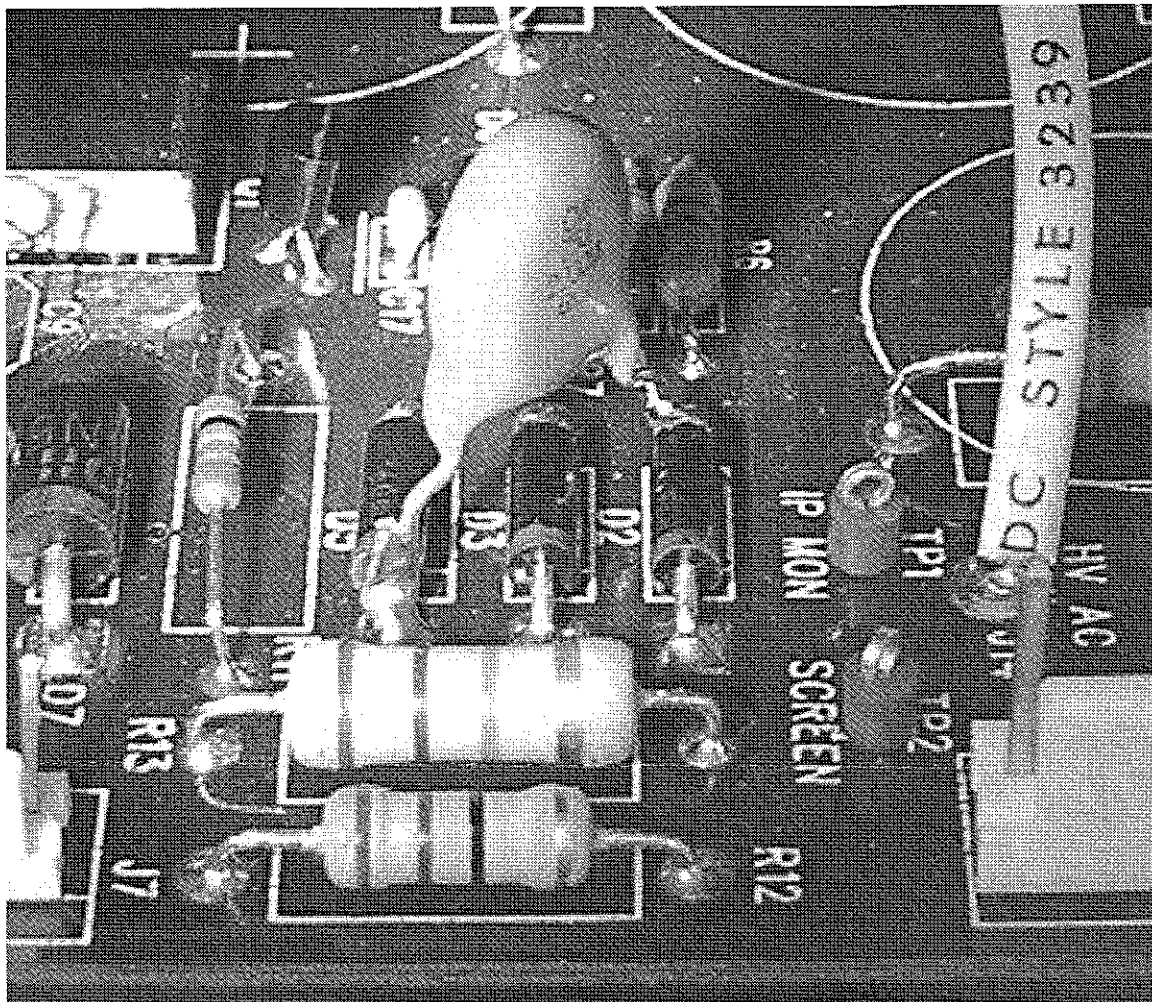
To protect the Zener diodes in the Alpha 99 regulated screen supply, add a 2200pf / 6kv disc-ceramic capacitor (Alpha P/N CDX-2221-C) across the following diodes:

On Alpha 91B and 99 manufactured before 2006, solder capacitor from D2 cathode (banded end) to D5 anode. These components are located on the right-hand side of the HV Filter Board, the lower board of the two green power supply circuit boards directly in front of the large power transformer. Diode D5 may be a wire jumper as in the photo below:



HV Filter Board (Alpha 99 p/n ABX-X403, Alpha 91B p/n 100-004)

On Alpha 99 amps made in 2006 that have HV Filter Board p/n ABX-X416, solder capacitor from D5 cathode (banded end) to D2 anode. These components are located on the right-hand side of the HV Filter Board, the lower board of the two green power supply circuit boards directly in front of the large power transformer.



Alpha 99 HV Filter Board (p/n ABX-X416)

To help with positioning the capacitor leads around the diode leads before soldering, bend the capacitor leads as shown in the photo below:

