

## Final Unit Cathode/Screen grid protection

( All information supplied by Terry Wagoner, K9TW )

1. Place 3 1N4007 diodes, Mouser PN: 512-1N4007 in series with the banded end towards ground from pin#1. These will limit the cathode voltage to about 2 volts.
2. Place a 230Volt Varistor, Mouser PN: 576-V230LA20AP to screen grid, pin#3 to ground. These Varistors will turn on hard and clamp grids to ground at about 300 volts, in an attempt to prevent damage to the screen grids from anode to screen grid shorts.
3. Place two 2 watt, 4.7 ohm resistors, Mouser PN: 588-OY-4.7-E in series with the HV output (Red Wire) from the electrolytic. These will limit the power supply short circuit current.

