

Vivitar 2000 w 2000V Board

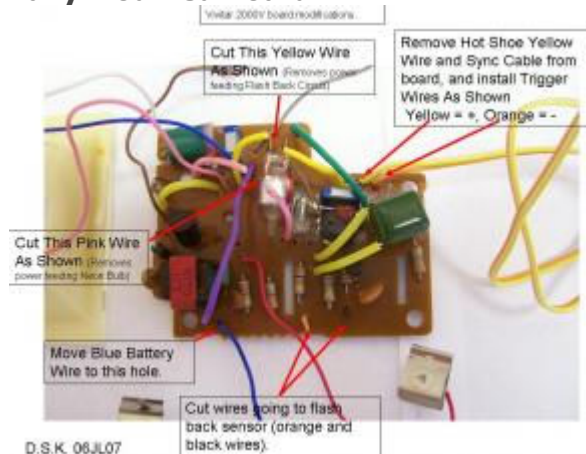
I just dug into an old Vivitar 2000 that has a single board identified as 2000 V and here are the low power mods I came up with for this board as well as wiring changes to make it easy to repackage the unit.

Modification Steps

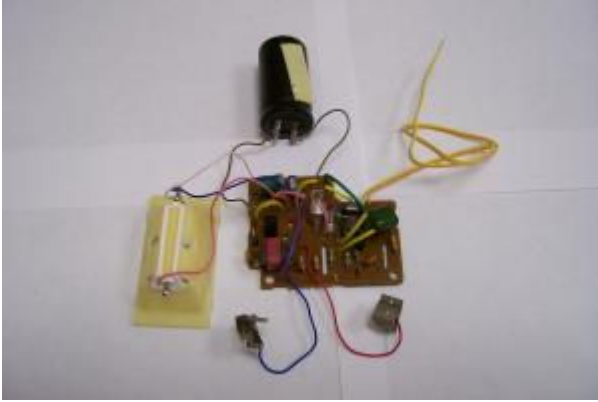
- 1) Cut Pink Jumper Wire as shown (this disables the neon bulb), or remove the Neon bulb.
- 2) Cut yellow Jumper Wire as shown (this removes power from the bounce back circuit).
- 3) Cut orange & black wires that go to the bounce back sensor as shown.
- 4) Move blue battery wire to the location shown.
- 5) Unsolder the yellow hot shoe wire from the board.
- 6) Unsolder the sync cable from the board and install new trigger wires as described in step 7 if you don't want to use the sync cable.
- 7) Install new + and - trigger wires as shown (or use the sync cable as originally installed).

Note : Step 1 and 2 above are both required in order to obtain the least amount of drain on the flash capacitor. When cutting the jumpers in step 1 and 2 you should **cut them as close to the board as possible** since high voltage does exist on the left side of each of the cut jumpers and cutting them close to the board will prevent them from touching other components.

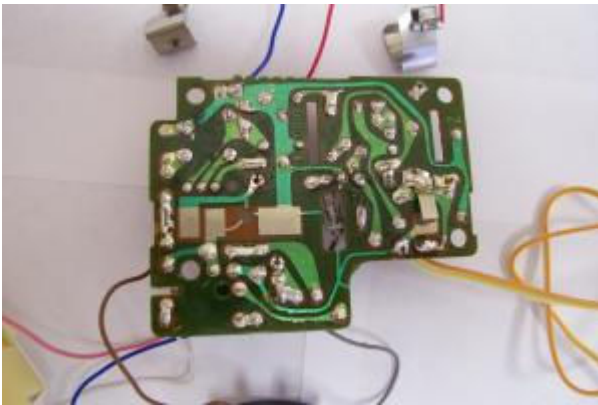
Fully Modified Board



Fully Modified All Components Shown



Trace Side View



As always modification of commercial products is done at your own risk. Use extreme caution since high voltage exists within flash units. Take proper steps to assure all energy has been discharged (from the capacitors, etc.), before touching any component within the flash unit.

Thanks to willraygreen for supplying the above flash.

Don