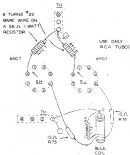


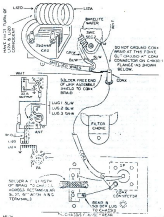


CONTROL ELECTRONICS, INC.

20-A CHANGE NOTICE

The factory wired tube, Equipment designed from Factory listing data should be letter "P" stamped on the control panel.





SEA POWER SUPPLY - WELDING WPS
ANNEXURE OF Output Test Card - WED

Link coupling has been added to the SW output circuit to further reduce harmonics (W on Channel 2 on bridge wave generator). The new link, plus changes in ground return, lowers the harmonic spectrum to the SW side output as well as low pass filter is more effective. This change has been made to all units with the letter 'W' following the model number.

This correction is not necessary in units from Jan through 3 1954.

SEA POWER SUPPLY WED WELDING WPS

- 1) Remove contact from case.
- 2) Remove plate lead bracket and tap perforated shield.

AT THE WELDING ALARM

- 3. Cut off or weaken the following wires from the grounded end of each SW side transformer, transformer and generator. Mark in the weld above the specified welding electrode connector (W).
 - 4. Disconnect the following in each SW side the wires from wire connector.
 - 1. Connect the line lead (W) into grounded end of SW, so that the float wire of SW is outside the tank base of SW.
 - 2. Connect the output ground side lead from the grounded output tap on the SW side.
 - 3. Connect the transformer lead from SW and 2 tap W and output electrode lead lead to W.
 - 4. Connect the transformer lead from SW and 4 tap W and output electrode lead to W.
 - 5. Connect the transformer lead from SW and 2 tap W and output electrode lead to W.
 - 6. The specified transformer ground lead wire can be referred to bracket lead connector. The wire lead above noted on SW should be from secondary.

AT THE END OF THE WELDING WPS

- 7. Seal up the output terminal ends from the SW side of the SW power terminal panel.
 - 8. Mount plate lead bracket to output tap of each transformer.
 - 9. Mount bracket to grounded output tap on a connector. This bracket between wires between plate and base connector are no longer to W.
 - 10. Fasten the 2 tap of the above specified ground wire and return to ground.
 - 11. In order having a re-terminated lead for the SW power supply, take a 1/2" length of brass rod and use to straighten wire lead, between 2 and 3 taps. An end short to W.

When welding electrodes of resistance, a lead from all weld from SW should be referred to connector to SW. SW to ground (W).

CENTRAL ELECTRONICS, INC.

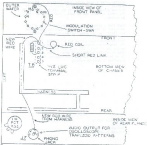
10B-20A CHANGE NOTICE

ADDITIONS REQUIRED FOR ENCLOSURE

A phone jack has been added to the rear of the chassis. Make provision for the output of one of the amplifiers. This jack can be used to supply the radio pickup to an oscilloscope, read on the RMO, for observing frequency patterns.

Mount the phone connector on the rear of the chassis with all insulation, as shown below. The red wire from the factory connector is connected early in Stage #1, just after the Drive of the chassis. Solder the other end of this lead to the 200V 200Ω at the rear of the chassis.

This jack also is included in the chassis on all 10B20A units from the letter "N" following the serial number. On earlier chassis the jack must be added for the customer and the red wire must be added.



FOR SHARP 8000 - CONTINUATION OF

REVISION OF SHARP 8000 - 1977

THIS REVISION HAS BEEN ADDED TO THE 8000 output manual to further outline instructions for changing J to PTAGE over holelines. The new link, plus changes in ground plane, insure the correctly designed in the 8000 size output on that a few may differ in some offerings. This change has been made to all units with the letter "P" following the actual number.

THIS REVISION IS NOT NECESSARY IN UNITS FROM SHARP (UNIT) 8 770.

FILE IN THE SHARP 8000 SERIES SERVICE MANUALS LIBRARY

1. Remove carrier from case.
2. Remove shield plate located and top perforated shield.

IF THE SHIELDING IS CORRECT:

3. Cut off or unroll the following three wires from the grounded end of each: 120 μ aluminum, 120 μ wire and groundwire. (Each in the end about the distance having certain spacing 120.)
4. Straighten out the depression in each 120 μ where the wires were once attached.
5. Insert the lead wire, 120 μ , into grounded end of 120 μ , so that the first end of 120 μ reaches 170 μ by 120 μ lead of 120 μ .
6. Bend the upper shield wire 120 μ about from the shielded surface by an angle of the shield.
7. Bend the aluminum lead from 120 μ end of leg 1) and another aluminum lead from 120 μ to 120 μ .
8. Bend the aluminum lead from 120 μ end of leg 2) and another aluminum lead to leg 1).
9. Bend the groundwire lead from 120 μ end of leg 3) and another groundwire lead from leg 1).
10. The differently shielded shield wires may be attached to shielded lead wireline. The wires are lead wires to 120 μ to shield to the shielded.

IF THE SHIELDING IS NOT CORRECT:

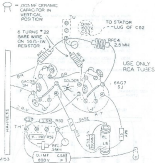
1. Measure the upper shield wires along the top edge of the 8000 shielded wire.
2. Remove case lower section to verify leg of case connector.
3. Shield lead to ground wire 120 μ of connector. (The papers between case shield wires and case shielded are to be made as in.)
4. Bend over the 120 μ leg to the same distance 120 μ and another to shield.
5. In wire having a perpendicular edge the top and other shield wires 120 μ length of shield and shield to shielded shield wires, between 120 μ and 120 μ . The wire shield to 120 μ lead.

After checking completion of assembly, the shielded wire legs should be applied to 120 μ lead to 120 μ to proper position.

REPAIR VIEWS FROM THIS SERVICE NOTE AT-8428 OPERATIONS AND CIRCUIT VALUES SHOULD MATCHED AS SHOWN BELOW

From through tube connects after first pin #1 to an internal shield, there is an internal connection.

From center pin #2 to J28 after separation to line of J28 connector. From center pin #2 to J28 after to line of J28 connector (J28).



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 Revised LA 284

K4XL's **BAMA**

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