

DATE Sept. 1960

SH. 1 OF 3

COMPILED BY
N. K.

TMC SPECIFICATION NO. S - 10060

TITLE:

JOB

APPROVED

MODIFICATION

FOR

RTF-2 INTERCONNECT CHASSIS

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The following steps have to be done:

1. Disconnect leads of positions 4 and 5 of switch S401C at the switch.
2. Disconnect the orange leads of position 3 of switch S401C at the switch.
3. Disconnect wire from pin 4 of socket Z401.
4. Disconnect brown wire from ground lug of socket Z401.
5. Cut brown heater wires at pin 3 and 7 of socket Z401. Leads are connected to pin 4 of V404 and pin 4 of V406. Disconnect the leads there and pull them out of the harness.
6. Disconnect the two .01 uf capacitors connected to one ground lug of Z401 at ground lug.
7. Cut all wires between socket of Z401 and socket crystal 3 and trimmers C420, C423 and C424.
8. Remove socket of Z401 and X-tal 3. Dismount also the trimmers C420, C423, C424, the clamping device for K401 and Z401 and the 4-40 screw which holds the stand off next to V403.
9. Modify switch S401 according to drawing No..... by removing the ceramic wafer only.
10. Now have the metal work on the main chassis done.
11. Push black sleeving over ground wire connected to position 2 of S401C and solder ground lug of J401.
12. Mount switch S403.
13. Connect grey wire of position 3 of S401C to pin "D" of socket for crystal oven.
14. Fasten stand-off next to V403 with 4-40 countersink screw and internal lockwasher.
15. Mount adapter plate with socket of crystal oven.
16. Connect and solder heater wires to pin N and P of socket for crystal oven.
17. Connect and solder .05 uf, 600 V. capacitor to pin N and O.

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18. Connect wire from pin M to solder lug.
19. Connect the two .01 uf capacitors to the same solder lug.
20. Wire socket of crystal oven and switch S403.
21. Connect and solder heater wires to pin P and S of J405.
22. Connect inner contact of S403 to position 3 of S401C,
(formerly orange leads were on this contact.)