

TMC SPECIFICATION

NO. S 1135

REV:

0 A

COMPILED:

SD

CHECKED:

FEE

APPD:

FEE

[Signature]

SHEET

1

OF

6

TITLE:

typed by vab

9/6/66

SPECIFICATIONS

FOR THE

KIT-300

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I. EQUIPMENT AFFECTED:

RTMU-1 Converter Data Storer

RTMU-2 Converter Data Storer

II. PURPOSE:

To provide ample cooling of digital modules in extreme ambients.

III. MATERIALS SUPPLIED:

<u>ITEM</u>	<u>QTY</u>	<u>TMC PART NO.</u>	<u>DESCRIPTION</u>
1	1	A5562	Panel/Fan Assembly
2	1	MS-4094-2	Top Cover
3	1	MS4046/LD1662	Rear Plate
4	1	NP-362-46	Modification Identification Plate
5	6	CU-142-6-9	Adjustable Cable Strap
6	1	S1135	Installation Instructions
7	30"	TA111-2-4C	Tape Urethane

IV. TOOLS REQUIRED: (To be provided by installing activity)

1. One 6" #2 Phillips Screw Driver
2. One 100 Watt Soldering Iron
3. One 13/16" Open End Wrench
4. One Pair Long Nose Pliers

V. PROCEDURE:

1. Remove all external power and cable connections to the RTMU being modified and remove unit from rack.
2. Unsolder all connections to fuse holders noting placement of wires for rewiring.
3. Unsolder wires on POWER lamp holder.
4. Remove power ON/OFF switch but do not unsolder.
5. On RTMU-2 remove SIGNAL INPUT lamp but do not unsolder, also remove SIGNAL INPUT lamp and cable from A5562 Assembly.

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6. Remove front panel by unscrewing four screws, mounting handles and front panel. Save all hardware.
 7. Remove POWER lamp holder from front panel and install in hole provided on A5562.
 8. Carefully remove fuse holders from front panel and install them in the proper holes provided on A5562.
 9. Mount the A5562 assembly on the RTMU by use of the handles and hardware previously removed.
 10. Solder appropriate wires to POWER lamp holder and all fuse holders.
 11. Mount the power ON/OFF switch and the SIGNAL INPUT lamp on A5562 assembly.
 12. Insert fan wire through gromet in main chassis (under main bin assembly) and solder one wire to terminal 1 of T5001 and other wire to terminal 3B of T5001.
 13. For RTMU-1 insert Pins from CA-1264 (SIGNAL INPUT Lamp) into J5008 as follows:
 1. WHITE wire to J5008 Pin 34.
 2. RED wire to J5008 Pin 5.
 3. BLACK wire to J5008 Pin 1.
- Arrange excess cable so that main chassis bin may be removed easily. Use TY-wraps provided to tie down excess cable length to main cable
14. Replace present rear plate with new rear plate MS4046/LD1662 using same hardware.

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15. Replace present perforated top cover with new top cover MS-4094-1.

NOTE: WHEN OPERATING UNIT TOP COVER MUST BE ON.

16. Tighten all hardware and install unit in rack.

17. Connect all power and cable connections and set the AC power switch to ON.

18. Meter all voltages at fuse holders for proper levels.

19. The AC power lamp must light and the fan must operate.

20. Remove the AC LINE fuse; the fan must stop running. Replace the AC LINE fuse.

21. Set up a mark condition at the input of the memory. The SIGNAL INPUT lamp must light.

22. Program any character or transmission. The SIGNAL INPUT lamp must key ON and OFF with the input signal.

23. Place decal (NP-362-46) on the RTMU, front panel above the fan housing.

24. Remove name plate (NP-103-80) from old front panel and place on A5562 front panel assembly just installed.

25. Cut item 7 (TA111-2-4C) into the following lengths. Four (4) pieces five (5) inches long and four (4) peices one and one half (1 1/2) inches long.

26. Remove protective paper to expose adhesive side of item 7 and place the urethane around the long shot on MS4046/LD1662, being careful not to cover the slot.

27. The modification is now complete.

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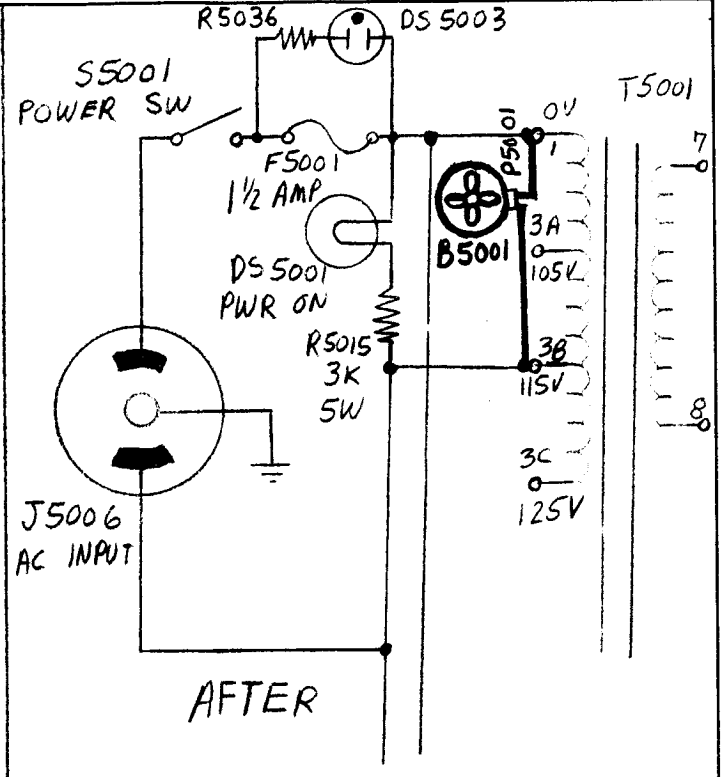
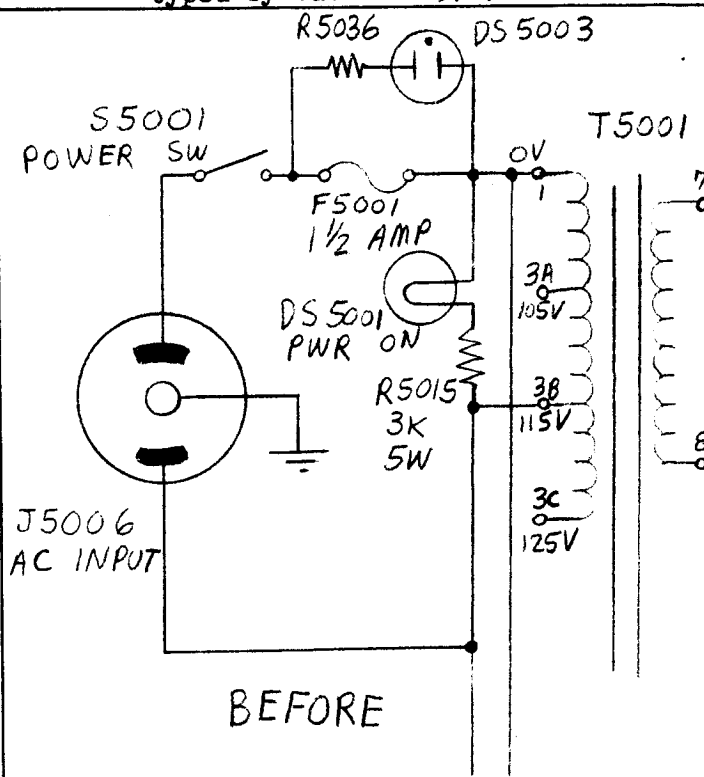
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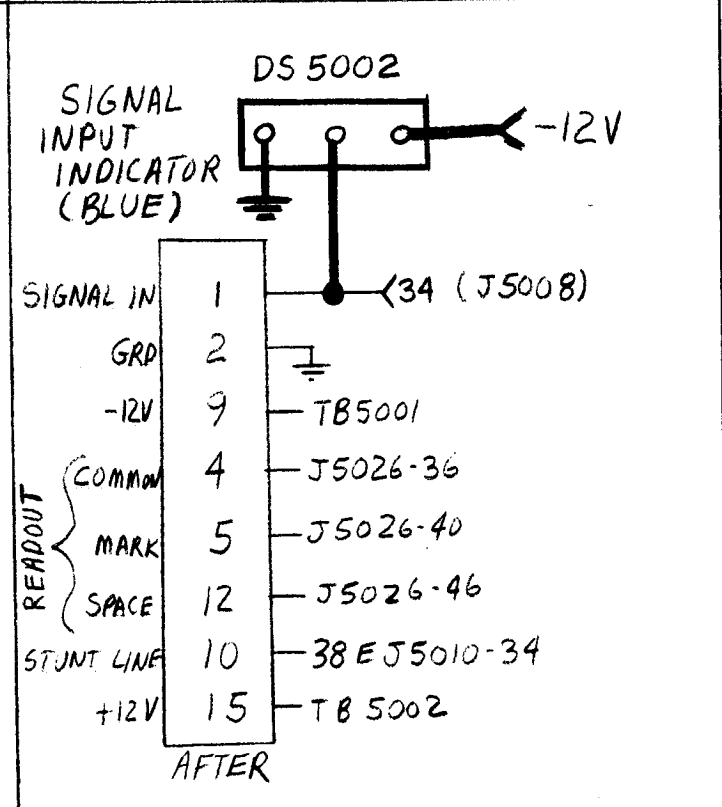
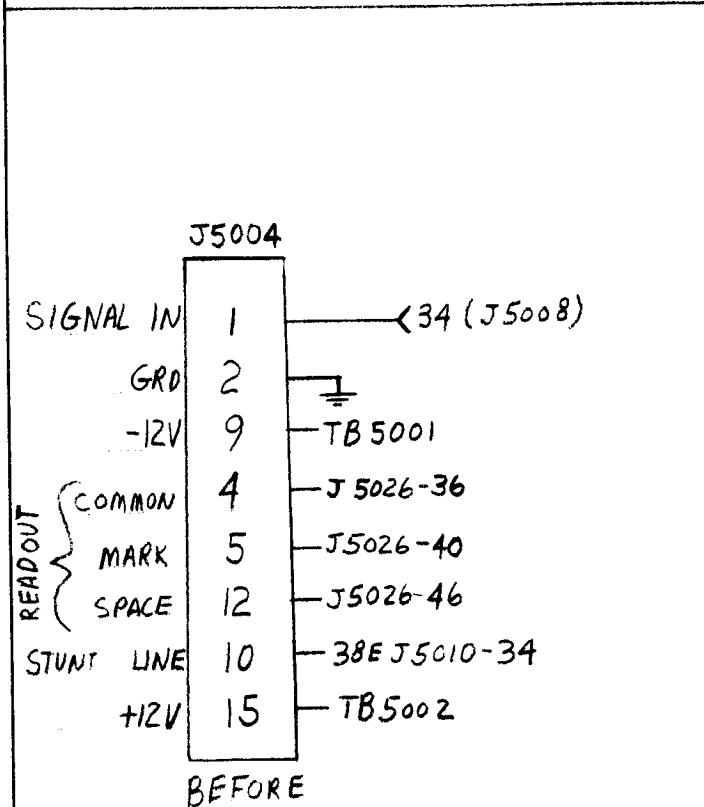
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KIT 300 MODIFICATION TO CK 880



KIT 300 MODIFICATION TO CK 806 (RTMU-1)

