

INPROCESS INSPECTION FOR 018-C

SALES NUMBER: 900-094-00 A. ASSEMBLY NUMBER: 500-390-00 D.

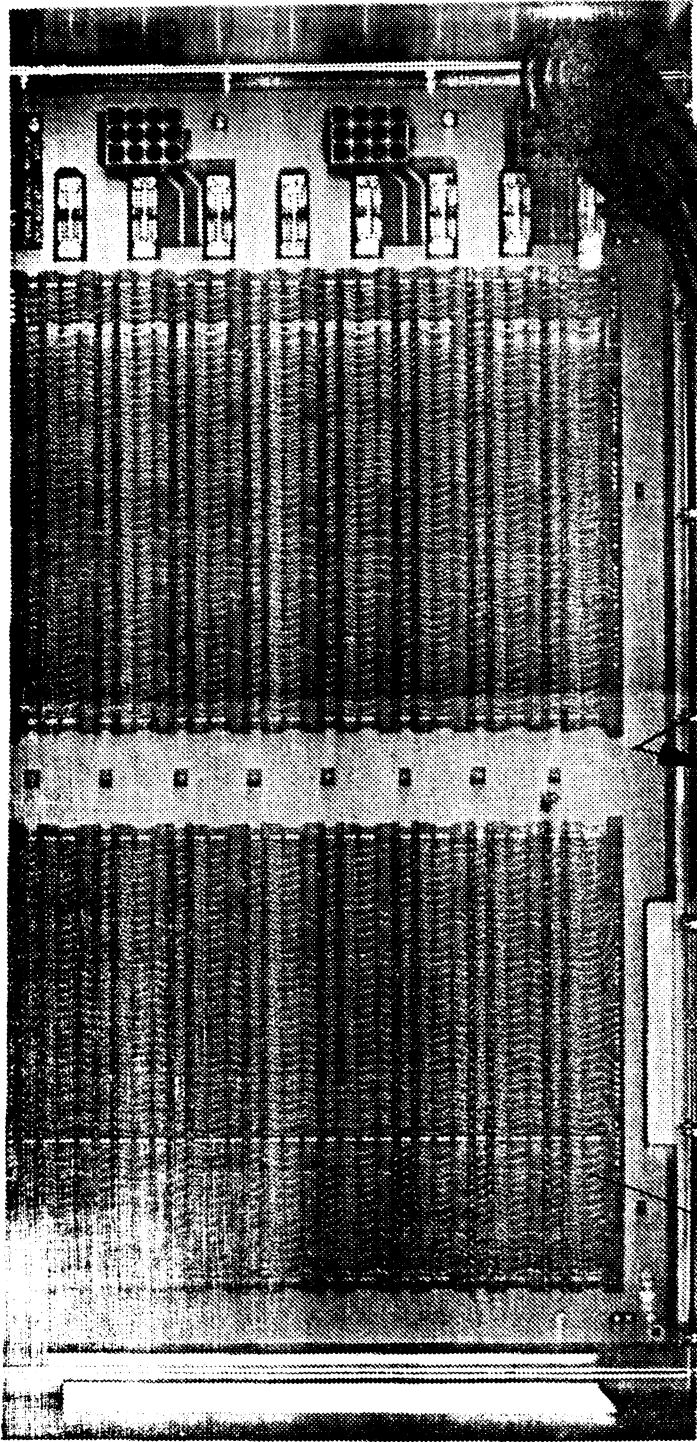
018-C CHASSIS WITH THE BOARD USE PRINTS PROVIDED WHEN INSPECTING:

- A. LOOK FOR PRESS NUTS ALL OVER THE INSIDE OF THE CHASSIS.
- B. THE FAN GAURDS BEND AWAY FROM THE FANS.
- C. MAKE SURE WIRE NUTS ARE TIGHT.
- D. CHECK PLACEMENTS OF PLASTIC BOARD GUIDES.
- E. MAKE SURE THE PLASTIC GUIDE RAILS ARE TIGHT (GIVE THEM A SLIGHT TUG).
- F. EJECTOR HANDLE BARS GO ON WITH THIN SIDE TOWARD THE OUTSIDE OF THE CHASSIS.
- G. MAKE SURE ALL BOARD CONNECTORS ARE SCREWED ONTO THE CHASSIS.
- H. METAL GUIDE POST BRACKETS GO ON THE CHASSIS WITH ROUND HOLES FOR THE 2 ON THE OUTSIDE AND THE SLOTTED HOLES FOR THE 2 ON THE INSIDE. A PAIR OF EACH GO ON EACH SIDE OF THE CHASSIS.
- J. MAKE SURE THE CHASSIS IS FREE OF DIRT, FINGERPRINTS, NICKS ETC. USE AERO-DUSTER SPRAY TO GET RID OF DUST & DIRT.
- J. MAKE SURE ALL SCREWS ARE TIGHT.
- K. SCREWS FOR THE GUIDE POSTS ARE SHORT ON TOP AND LONG ON THE BOTTOM.
- L. THE FINAL ASSEMBLY REV. 850-002-00 G IS NOT MARKED ON THE CHASSIS.

LOOSE PARTS:

- A. INSTALLATION KIT P/N 200-109-00 A. IN Q.A. PROVIDED BY MARYLEE.

pc 2



watch for placement
of fuses.

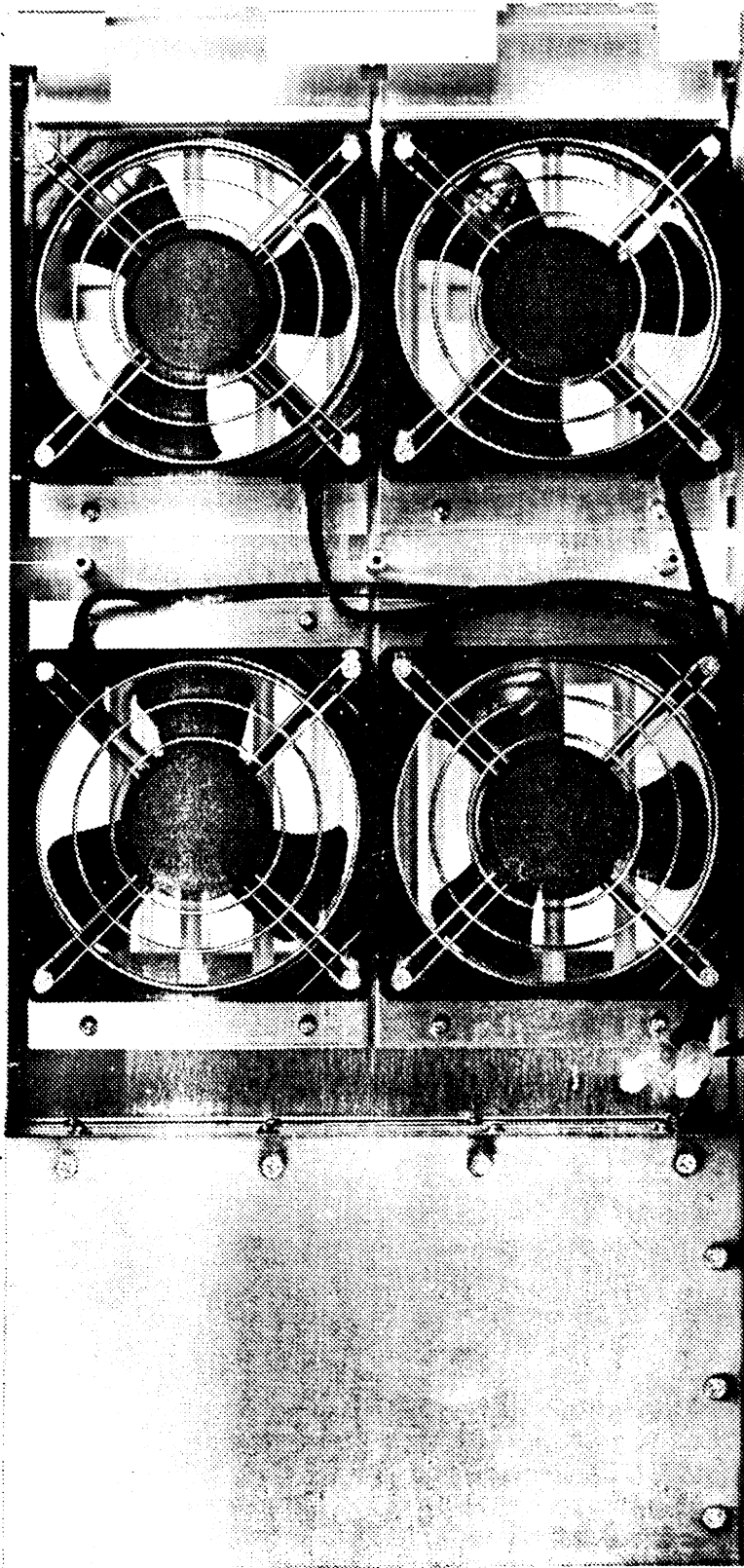
5



23

check for
table see page 5

watch pins



fan grill 5/8 placed so that induction is away from the fan. SHIELDS REMOVED TO SHOW WIRING.

6

7

18 (1)

4

19 (18)

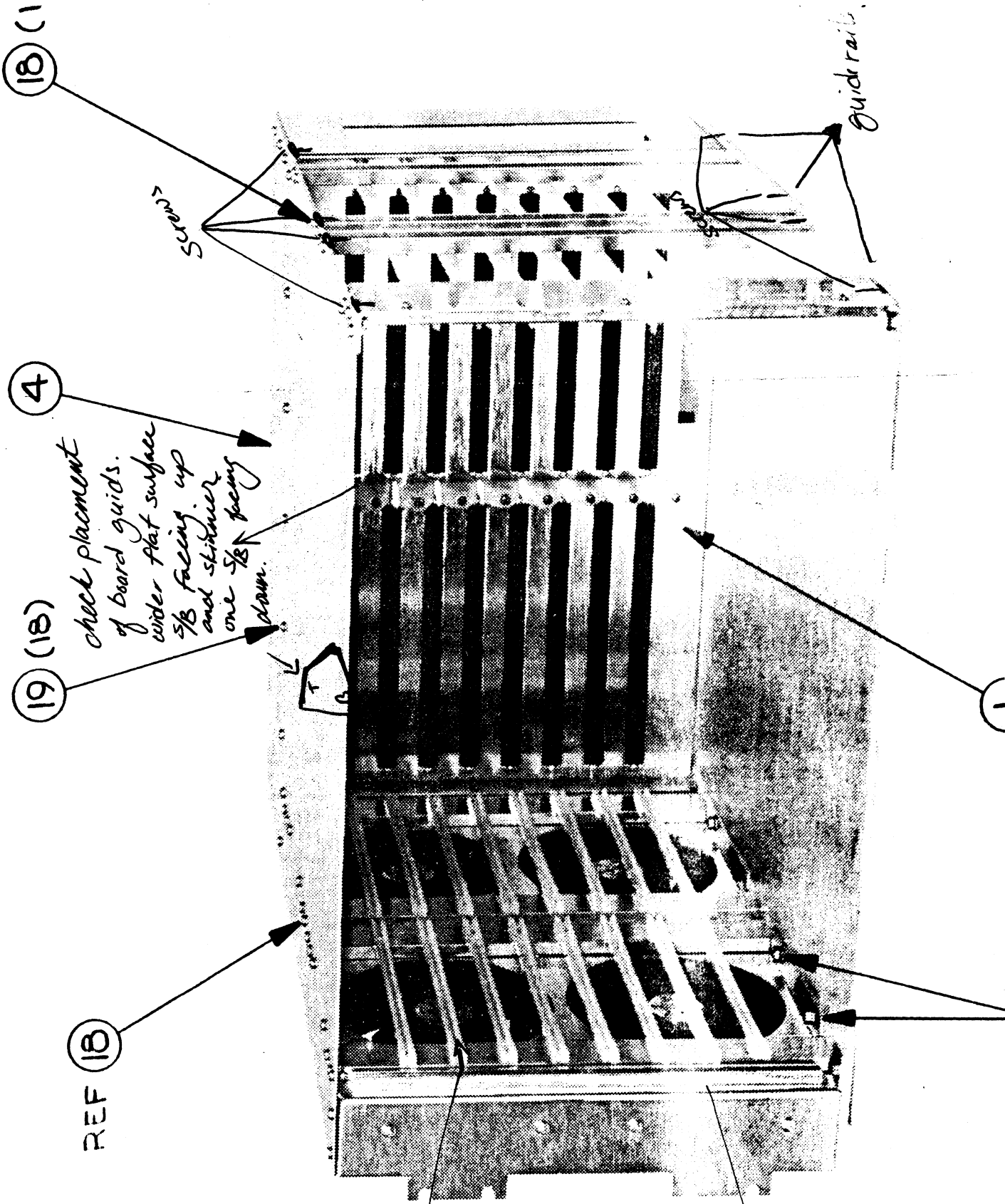
REF 18

check placement of board guides. wider flat surface 5/8 facing up and stripper one 5/8 being down.

Make sure board guides are in secure.

Make sure for ejector bars placement

Guid rails.



ASSEMBLY PROCEDURE
CRAY CHASSIS - METAL ASSEMBLY

REV. 01
06/08/84

1. REFER TO THE METAL ASSEMBLY PARTS LIST AND SET THE CORRECT QUANTITY OF EACH PART AT THE WORK AREA.
2. REFER TO THE HARDWARE PARTS LIST TO BE SURE THAT EACH FASTENER REQUIRED IS READILY AVAILABLE.
3. THE FOLLOWING TOOLS ARE REQUIRED FOR THIS PROCEDURE AND MUST BE AVAILABLE BEFORE STARTING ASSEMBLY -
 - A. MEDIUM STRAIGHT BLADE SCREWDRIVER.
 - B. HOLDING TYPE PHILLIPS BLADE SCREWDRIVER.
 - C. NO. 2 PHILLIPS SCREWDRIVER.
 - D. NO. 1 EXTRA LONG SHANK PHILLIPS SCREWDRIVER.
 - E. VARIABLE SPEED ELECTRIC DRILL.
 - F. MEDIUM STRAIGHT BLADE SCREWDRIVER BIT FOR POWER DRILL.
 - G. NO. 2 PHILLIPS SCREWDRIVER BIT FOR POWER DRILL.
 - H. 6 OZ. BALL-PEEN HAMMER.

BEFORE ASSEMBLY BEGINS IT MUST BE STRESSED THAT EXACTLY THE SPECIFIED HARDWARE MUST BE USED OR DAMAGE TO OTHER PARTS WILL OCCUR. THE DESIGNATION I1 ETC REFERS TO ITEM 1 FROM PARTS DRAWINGS. ALSO IT IS EXTREMELY IMPORTANT THAT CARE BE TAKEN NOT TO SCRATCH THE METAL PARTS BOTH FROM SLIDING AROUND ON WORK SURFACE OR SLIP OF THE TOOLS. DAMAGE TO THE PLATING WILL RESULT OF THE PARTS WHICH MEANS THEY MUST BE DISCARDED.

PLEASE BE CAREFUL !!!

5. BEGIN ASSEMBLY BY MOUNTING BACKPLANE I3 TO BASE I1 USING #6-32 X ^{3/8} 1/2 PH-PHMS AND #6 KEPS NUTS. 10 SCREWS AND NUTS REQUIRED. PLACE ALL SCREWS IN LOOSELY AND THEN TIGHTEN ALL SECURELY.
6. SIMILARLY FASTEN I16 TO BASE I1 USING #6-32 X ^{3/8} 1/2 PH-PHMS AND #6 KEPS NUTS. 3 REQUIRED.
~~PH-PHMS~~ (Keps Nuts on Bottom)
7. FASTEN I10 TO BASE I1 USING FIVE #6-32 X ^{3/8} 1/2 PH-PHMS SCREWS AND #6 KEPS NUTS.

BE CERTAIN ALL SCREWS FOR STEPS 5, 6 AND 7 ARE NOW TIGHTENED SECURELY.

8. FASTEN I5 TO BASE I1 USING EIGHT #6-32 X ^{3/8} 1/2 PH-PHMS AND #6 KEPS NUTS. DO NOT TIGHTEN SCREWS AT THIS TIME.

ATTACH I5 TO BACKPLANE I3 USING 6-32 X 3/8 PH-PHMS. NOTE THAT THEY INSERT INTO PRESS-NUTS IN THE BACK-PLANE. TIGHTEN THESE SCREWS FIRST.

TIGHTEN THE REMAINDER OF THE SCREWS INSTALLED IN THIS STEP.

9. ORIENT THE ENTIRE CHASSIS UPSIDE DOWN AND USING SIXTEEN #6-32 X 1 SELF-TAPPING MACHINE SCREWS AND THE POWER DRILL WITH CORRECT SCREWDRIVER BIT, ATTACH EIGHT CARD GUIDE POSTS I8 TO BASE I1. ORIENT SO THE SMOOTH FLAT SURFACE OF THE POST IS TOWARD THE CENTER OF THE CHASSIS. DRIVE THE FIRST SCREW AT LEAST 1/2 WAY IN BEFORE STARTING THE SECOND SCREW OR THE FIRST ONE MAY BE BENT. BE CERTAIN THIS GUIDE IS SQUARE WITH THE CHASSIS BEFORE TIGHTENING SECURELY. THE FINAL TIGHTENING OF THE SCREW MUST BE DONE WITH THE HAND SCREWDRIVER - STEP 3C.

10. FASTEN I4 TO BASE I1 USING TWO #6-32 X ^{3/8} 1/2 PH-PHMS AND #6 KEPS NUTS. HOLD I4 TIGHT AGAINST THE GUIDE POST AND TIGHTEN SCREWS SECURELY.

11. WHILE CHASSIS IS STILL UPSIDE DOWN ATTACH I7L AND I7R TO THE BOTTOM SIDE OF THE BASE I1 USING #4-40 X 5/16 PH-FHMS IN 3 LOCATIONS EACH PART. TIGHTEN SECURELY. TURN CHASSIS RIGHT SIDE UP.

12. THE CENTER STIFFENER EXTRUSION ATTACHES TO THE REAR SIDE OF BACK-PLANE I3 WITH THE CENTER GUIDES (PLASTIC) ON THE FRONT SIDE OF I3. FASTEN WITH #4-40 X 1/2 PH-BHMS AND RECTANGULAR WASHERS I6. ALL SCREWS MUST BE STARTED BEFORE TIGHTENING. BE SURE THE PLASTIC GUIDES AND WASHERS ARE HELD SQUARE WHEN TIGHTENING. TIGHTEN VERY SECURELY.

13. THE FAN POWER CORD IS NOW INSTALLED AS FOLLOWS - (DO NOT NICK INSULATION OR WIRE)

- A. STRIP THE JACKET A TOTAL OF 1 3/4" FROM END. ✓
B. STRIP EACH INDIVIDUAL WIRE 5/8" FROM END. ✓
C. INSTALL THE POWER CORD USING A HEYCO BUSHING SR 6P-4. 1/8" OF BLACK JACKET SHOULD PROTRUDE FROM THE INSIDE EDGE OF THE HEYCO. USE THE HEYCO INSERTION TOOL ONLY.

↓

14. INSTALL FOUR 5/16" LONG THREADED STAND-OFFS ON BACK SIDE OF BACK-PLANE I3 WITH A #4 FLAT WASHER BETWEEN THE BACK-PLANE AND THE SPACER. USE #4-40 X 1/4 PH-PHMS. TIGHTEN TILL SNUG ONLY.

17. Do step #17 here.

15. WITH CHASSIS POSITIONED BASE DOWN ATTACH THE TOP I2 AS FOLLOWS. DO NOT TIGHTEN ANY SCREWS UNTIL TOLD TO DO SO.

A. INSERT TWENTY #6-32 X ^{? 5/16} 3/8 PH-PHMS INTO ALL HOLES IN THE TOP EXCEPT THE EXTRUDED GUIDE POST HOLES. ALL HOLES HAVE PRESS-NUTS FOR SCREWS.

B. INSERT SEVEN #6-32 X ^{? 5/16} 3/8 PH-FHMS IN ALL HOLES ON THE LEFT SIDE.

C. NOW TIGHTEN SECURELY ALL SCREWS IN THE LEFT SIDE AND THEN TIGHTEN ALL SCREWS IN THE TOP.

D. USING THE POWER DRILL AND PROPER BIT INSTALL #6-32 X 3/4 SELF TAPPING MACHINE SCREWS INTO ALL GUIDE POST HOLES IN THE TOP. AGAIN THE LAST BIT OF TIGHTENING SHOULD BE DONE WITH THE HAND SCREWDRIVER. AS WAS DONE ON THE OTHER, DRIVE THE FIRST SCREW APPROXIMATELY HALF WAY IN BEFORE STARTING THE SECOND. *Slotted*
* * CAUTION * * DO NOT SCRATCH TOP.

16. ON A FLAT SURFACE CAREFULLY LAY THE CHASSIS ON ITS LEFT SIDE TO INSTALL I6 PLASTIC CARD GUIDES. THESE GUIDES MUST HAVE THEIR SNAP LOCK PERFECTLY ALIGNED IN GUIDE POST HOLE BEFORE TAPPING INTO PLACE WITH A VERY SMALL HAMMER. EXCESSIVE FORCE COULD DAMAGE POST.

REPEAT THE ABOVE PROCEDURE FOR THE RIGHT SIDE.

17. WHEN MOUNTING BACK-PLANE P.C.B. INTO THE CHASSIS BE EXTREMELY CAREFUL NOT TO BEND THE POST PINS OR GOUGE THE CIRCUIT BOARD. DO NOT TIGHTEN ANY SCREWS UNTIL TOLD TO DO SO.

NOW CAREFULLY POSITION THE P.C.B. WITH THE EDGE CONNECTORS PROPERLY PROTRUDING THRU THEIR RESPECTIVE CUT-OUTS. USING THE HOLDING TYPE SCREWDRIVER START A #4-40 X 1/4 PH-BHMS IN EACH EDGE CONNECTOR MOUNTING HOLE. 32 REQUIRED.

ON REAR OF CHASSIS START A #4-40 X 1/4 PH-^{PHMS} BHMS SCREW INTO THE FOUR SPACERS AT THE RED CONNECTOR END. LOOSEN THE SCREW SLIGHTLY HOLDING SPACER TO BACK-PLANE IF NECESSARY TO ACHIEVE ALIGNMENT.

WHEN ALL SCREWS ARE STARTED GO BACK AND TIGHTEN ONLY THE FOUR ON THE P.C.B. SIDE.

REMOVE THE FOUR SCREWS HOLDING THE SPACERS TO THE BACK-PLANE ONE AT A TIME. CAUTION - HOLD A SMALL AMOUNT OF TENSION BETWEEN P.C.B. AND BACK-PLANE SO WASHER DOES NOT FALL OUT. PUT A SMALL AMOUNT OF BLUE LOCTITE ON SCREW THREADS AND INSERT AND TIGHTEN SECURELY.

18. MOUNT THE P.C.B. EJECTORS TO EACH SIDE OF CHASSIS USING #4-40 X 1/4 PH-BHMS. THE CORRECT ORIENTATION WILL HAVE THE TAPERED EDGE OF EJECTOR STRIP TOWARD THE FRONT OF THE CHASSIS. LEAVE SCREWS LOOSE ENOUGH TO BE ABLE TO ADJUST EJECTOR STRIPS. NOW INSTALL A CIRCUIT BOARD IN BOTH THE TOP AND BOTTOM SLOTS. BE SURE P.C.B. IS FULLY INSERTED. NOW ADJUST EJECTOR STRIPS SO THEY ARE RESTING AGAINST THE CURVED SURFACE OF THE P.C.B. EJECTOR HANDLE. TIGHTEN ALL EJECTOR STRIP SCREWS VERY TIGHT.

19. FAN PRE-ASSEMBLY -
HARDWARE TO USE IS #6-32 X 5/8 PH-FHMS AND #6 KEPS NUTS. REFER TO THE ATTACHED FAN ORIENTATION SKETCH AND FASTEN WING PIECES I11 TO TWO FANS. BE CERTAIN THE AIR-FLOW DIRECTION AND POWER CONNECTOR ARE AS SHOWN.

REFERRING TO THE SAME SKETCH FASTEN ONE WING PIECE I11 AND I12 TO EACH OF THE OTHER TWO FANS.

ATTACH A FINGER GUARD TO THE INLET SIDE OF EACH FAN USING THE SAME HARDWARE.

SET THE FANS ASIDE UNTIL CALLED FOR.

20. FAN WIRING - *MAY BE 4 DIFFERENT LENGTHS*
CUT TWO FAN POWER CORDS TO EXACTLY OVERALL LENGTH AND CUT TWO TO OVERALL LENGTH. STRIP THE ENDS OF THE WIRES EXACTLY 5/8".

ATTACH A T&B RB- RING TERMINAL TO THE GROUND WIRE (GREEN OR GREEN/YELLOW) OF THE POWER CORD PREVIOUSLY INSTALLED. USE ONLY THE PROPER CRIMPING TOOL

REMOVE THE LOWER SCREW GOING FROM I5 INTO I3 AND RE-INSERT WITH AN EXTERNAL TOOTH #6 LOCK-WASHER DIRECTLY UNDER THE SCREW HEAD AND THEN THE GROUND RING. TIGHTEN SECURELY.

JOIN THE FAN POWER CORD CONDUCTORS TO THE POWER CORD IN THE PROPER MANNER, TWIST TIGHTLY, CUT TO PROPER LENGTH FOR SPLICE CAPS AND INSERT AND CRIMP IN SPLICE CAP. USE ONLY THE PROPER CRIMPING TOOL. PULL FIRMLY ON EACH CONDUCTOR TO BE CERTAIN THEY ARE PROPERLY AND PERMANENTLY CRIMPED.

8 7/8"
14 1/2"
10"
11 1/4"

... FAN MOUNTING -

WHILE FACING THE FAN SIDE OF THE CHASSIS, INSTALL THE LOWER RIGHT FAN AND THEN THE UPPER RIGHT USING #6-32 X 1/4 PH-PHMS. FOUR SCREWS REQUIRED FOR EACH FAN.

PLUG THE POWER CORD INTO EACH FAN. WHEN PLUG IS STARTED ON FAN TERMINALS A SMALL SCREWDRIVER USED CAREFULLY WILL AID IN FULLY SEATING THE PLUG.

MAKE SURE THE FAN POWER CORDS NOW LAY FLAT ACROSS THE BOTTOM OF CHASSIS AND INSTALL THE LOWER LEFT FAN. AGAIN BE CERTAIN THE POWER CORDS ARE NOT PINCHED. NOW INSTALL THE UPPER LEFT FAN IN THE SAME MANNER. USE ONLY #6-32 X 1/4 PH-PHMS, FOUR PER FAN. CONNECT THE TWO POWER CORDS TO THE FANS IN THE SAME MANNER AS BEFORE.

22. MAKE SURE THE POWER CORD SPLICES LAY IN THE PROPER MANNER THEN ATTACH THE ELECTRICAL ENCLOSURE 113 USING A #6-32 X 1/4 PH-PHMS. TIGHTEN SECURELY.

23. FASTEN THREE HEX SHAPED STAND-OFFS BETWEEN THE FANS USING BLUE LOCTITE ON MALE THREADS ONLY. BE SURE THE FAN POWER CORDS LAY IN THE BEST POSITION.

24. FASTEN THE ELECTRIC SHIELD 114 TO THE STAND-OFFS WITH THREE #6-32 X 1/4 PH-PHMS. DO NOT PUT LOCTITE ON THESE.

25. CONNECT THE POWER CORD TO OUTLET AND VERIFY THAT ALL FANS ARE OPERATING AND BLOWING IN THE PROPER DIRECTION. DISCONNECT POWER.

26. INSTALL A 10A-AGA FUSE IN EACH POSITION ON THE BACK-PLANE P.C.B.

27. THIS COMPLETES THE MECHANICAL ASSEMBLY. THE CHASSIS IS NOW READY FOR ELECTRONIC CHECK-OUT.

THE METAL WORK MUST NOT BE SCRATCHED. DO NOT STACK UNLESS CARDBOARD IS USED BETWEEN THEM.

MODEL: LRM-1 AND LD1200

CUSTOMER CONFIGURATION FOR: ALL CUSTOMERS EXCEPT G.E. MEDICAL

CHECK BEFORE COVER INSPECTION REFERENCE

LRS-10

1. CONFIGURATION SHEET: BE SURE THIS ORDER LRS SYSTEM), IF NOT SEE ODSS COVERCHECK.
2. STANDARD DESCRIPTION: LRS-1 LASER RECORDING

ZETACO
850-008-0X X5
MODEL NO <u>LRM-1</u>
SERIAL NO <u>XXXXX</u>
VOLTS <u>XXX</u> HZ <u>XX</u>
AMPS <u>XX</u> FUSE <u>XXX</u>

LRM-1

1. SILVER LABEL: ^{NEW}



See below

LOCATION: PUT ON THE BACK OF THE LRM-1 ~~TO THE LEFT OF THE PLUG~~

Place Under Fuse

2. ASM. REV.: 850-008-00 ~~AC~~ 60 Hz/120V. 3AMP fuse / Amp 1.5
- 850-008-01 ~~AC~~ 50 Hz 230/240V. 2AMP fuse / Amp .75
- 850-008-02 ~~AC~~ 50 Hz/220V. 2AMP fuse / Amp .75

CHECK THE TRANSFORMER FOR THE CORRECT VOLTAGE AS ORDERED PER THE ASSEMBLY NUMBER.

350-008-00=CONNECTIONS BETWEEN PINS 4-2 & 3-1 AND NO WIRES ON PIN 5.

850-008-01=CONNECTION BETWEEN PINS 2-3, WIRES COMING OFF PINS 4 & 1 AND NO WIRES ON PIN 5.

850-008-02=CONNECTION BETWEEN PINS 2-3, WIRES COMING OFF PINS 5 & 1 AND NO WIRE ON PIN 4.

3. FRONT PANEL: IS AN OFF WHITE PANEL WITH ZETACO LOGO.
4. FILL OUT THE Q.A. SUBSYSTEM INFOR. SHEET FOR THE LRS-10 AS YOU INSPECT.
5. LRM-1 ENCLOSURES
 - ** THE NEW METALWORK HAS 1 HOLE FOR THE "D" CONNECTOR, MUST USE 300-148-00 CABLE AND HARDWARE INSTALLATION KIT 200-114-00 C. THE RED LED IS SQUARE.

6. V for -86 on the LRM-1 (when in part) 86 = 86 megabit

LD1200: ~~(DO NOT SERIALIZE OR MARK THE ASSEMBLY REV. ON THE UNIT).~~

use old silver label use same S/N as in fig.

1. ASM REV'S: LD1200 60 HZ/120V: ~~901-435-00 A.~~ 800-014-00A
- LD1200 50 HZ 230/240V: ~~901-435-01 A.~~ 800-014-03A
- LD1200 50 HZ 220V: ~~901-435-02 A.~~ 800-014-02A

***CHECK BEHIND THE LD1200 FOR THE CORRECT Hz & VOLTAGE AS ORDERED PER THE ASSEMBLY NUMBER.

2. LD1200 FRONT PANEL: FRONT PANEL IS WHITE WITH ZETACO LOGO.

3. ACCESSORIES: SEE Q.A'S SUBSYSTEM INFORMATION SHEET.

4) Check for EProms 75119294-00, 75110915-07, 75110917-07 6/1/87

12-30-88

MODEL: LRS-10 LASER RECORDING SYSTEM. (LRM-1 & LD1200)

CUSTOMER CONFIGURATION FOR: ALL CUSTOMERS EXCEPT G.E. MEDICAL

CHECK BEFORE COVER INSPECTION REFERENCE

STANDARD DESCRIPTION: LRM-1.

1. LARGE SILVER LABEL P/N 099-019-00.
ZETACO LRM-1
MODEL NO. 850-008-XX____. SEE OPTIONS LISTED BELOW.
SERIAL NO. C____.
FOR VOLTS AND AMPS, SEE OPTIONS LISTED BELOW.

**LOCATION: PUT ON THE BACK OF THE LRM-1 CASE UNDER THE FUSE.

			AMPS	FUSE
2. ASM. REV.:	850-008-00 G	60 Hz/120V.	1.5	3
	850-008-01 E	50 Hz 230/240V.	.75	2
	850-008-02 E	50 Hz/220V.	.75	2

CHECK THE TRANSFORMER FOR THE CORRECT VOLTAGE AS ORDERED PER THE ASSEMBLY NUMBER.

850-008-00=CONNECTIONS BETWEEN PINS 4-2 & 3-1 AND NO WIRES ON PIN 5.

850-008-01=CONNECTION BETWEEN PINS 2-3, WIRES COMING OFF PINS 4 & 1 AND NO WIRES ON PIN 5.

850-008-02=CONNECTION BETWEEN PINS 2-3, WIRES COMING OFF PINS 5 & 1 AND NO WIRE ON PIN 4.

3. FILL OUT THE Q.A. SUBSYSTEM INFORMATION SHEET FOR THE LRS-10 AS YOU INSPECT.
4. LRM-1 ENCLOSURES:
 1. 300-148-03 CABLE.
 2. RED SQUARE LED.
 3. OFF-WHITE FRONT PANEL SILKSCREENED: ZETACO LRS-10.
 4. NO BRASS NUT ON THE BACK OF THE ENCLOSURE.
 5. CHECK FOR THE CORRECT FUSE PER OPTION ORDERED, SEE STEP 2.
 6. WREN III: CHECK FOR 86 MEGABYTE (-086).
 7. ACCESSORIES: SEE QA'S SUBSYSTEM INFORMATION SHEET.

LD1200: SERIALIZE USING THE LD1200 MFG. S/N , USE ZETACO'S ASM REV. SEE BELOW. USE SMALL SILVER LABEL P/N 099-009-00.

1. ASM REV: 096-027-00 A. THIS IS A BASELINE IV WITH REV. 5 EEPROMS.
2. SWITCH ON BACK "0" MUST BE DOWN.
3. START/STOP SWITCH & WRITE/PROTECT SWITCH MUST PUSH IN.

LD1200 FRONT PANEL: FRONT PANEL IS WHITE WITH NO ZETACO LOGO.

3. ACCESSORIES: SEE QA'S SUBSYSTEM INFORMATION SHEET.
4. SLIDE RAILS: IT IS NOT REQUIRED FOR THEM TO BE DRILLED, HOWEVER IF ONLY DRILLED ONES ARE IN SUBSYSTEMS AREA, IT IS OK TO SHIP THEM.

12-31-87

ECO # 1053

MODEL: LRS-10 LASER RECORDING SYSTEM. (LRM-1 & LD1200)

SALES NUMBER: 900-023-01 A 120V 60Hz.
900-023-02 A 220V 50Hz.
900-023-03 A 230/240 50Hz

baseline III Rev B = baseline IV

AS soon as we ship our 1st IV, NO MORE IIIs

CUSTOMER CONFIGURATION FOR: ALL CUSTOMERS EXCEPT G.E. MEDICAL

CHECK BEFORE COVER INSPECTION REFERENCE

STANDARD DESCRIPTION: LRM-1.

- 1. LARGE SILVER LABEL P/N 099-019-00.
ZETACO LRM-1
MODEL NO. 850-008-XX____. SEE OPTIONS LISTED BELOW.
SERIAL NO. C_____.

FOR VOLTS AND AMPS, SEE OPTIONS LISTED BELOW.

**LOCATION: PUT ON THE BACK OF THE LRM-1 CASE UNDER THE FUSE.

ASM. REV.:	WIRE	Hz/VOLTS	AMPS	FUSE
850-008-00	7 PG	50 Hz/120V.	1.5	3
850-008-01	7 DE	50 Hz 230/240V.	.75	2
850-008-02	7 DE	50 Hz/220V.	.75	2

HISTORY

CHECK THE TRANSFORMER FOR THE CORRECT VOLTAGE AS ORDERED PER THE ASSEMBLY NUMBER.

- 850-008-00=CONNECTIONS BETWEEN PINS 4-2 & 3-1 AND NO WIRES ON PIN 5.
- 850-008-01=CONNECTION BETWEEN PINS 2-3, WIRES COMING OFF PINS 4 & 1 AND NO WIRES ON PIN 5.
- 850-008-02=CONNECTION BETWEEN PINS 2-3, WIRES COMING OFF PINS 5 & 1 AND NO WIRE ON PIN 4.

3. FILL OUT THE Q.A. SUBSYSTEM INFOR. SHEET FOR THE LRS-10 AS YOU INSPECT.

4. LRM-1 ENCLOSURES:

- 1. 300-148-00 CABLE.
- 2. RED SQUARE LED.
- 3. OFF-WHITE FRONT PANEL WITH ZETACO LOGO.
- 4. BRASS NUT ON BACK OF THE ENCLOSURE.

it states Zetaco Model LRS-10

5. WREN III: CHECK FOR 86 MEGABYTE (-086).

LD1200: SERIALIZE USING THE LD1200 MFG. S/N, USE ZETACO'S ASM REV. SEE BELOW. USE SMALL SILVER LABEL P/N 099-009-00. ✓ switch on back of must be down

- 1. ASM REV'S: LD1200 60 HZ/120V: ~~800-014-01 A.~~ 800-015-00 A = Baseline II
- LD1200 50 HZ 220V: ~~808-014-02 A.~~ 096-027-00 A = Baseline II with Rev 5 E-proms
- LD1200 50 HZ 230/240V: ~~800-014-03 A.~~

***CHECK BEHIND THE LD1200 FOR THE CORRECT Hz & VOLTAGE AS ORDERED PER THE ASSEMBLY NUMBER. START/STOP & write protect must push in.

- 2. LD1200 FRONT PANEL: FRONT PANEL IS WHITE WITH NO ZETACO LOGO.
- 3. ACCESSORIES: SEE Q.A'S SUBSYSTEM INFORMATION SHEET.
- 4. CHECK WORK'S LOG TO ENSURE THAT THE E-PROMS WERE CHANGED:
 - 1. ~~75119294-00~~ 2. ~~75110915-07~~ 3. ~~75110917-07~~

8. ASK if Rev 5 E-Proms installed

SKS-15 850-011-01 C OPTION

SKS-15 SHIPS WITH AN SCZ-1 BOARD, SEE SCZ-1 COVERCHECK FOR INSPECTION.

SALES NUMBER: 900-019-01 ^{FB} SEE SALES SHEET FOR ACCESSORIES NEEDED.

LABEL REQUIREMENTS:

ZETACO: DISK MODULE

MODEL NO: 850-011-01 ^(wire)

VOLTS: 120 VAC

Hz: 50/60

AMPS: 4

FUSE SIZE: 6.25 AMPS

E = Stiffener Plate (140)

VISUAL:

1. SKS-15=1 ~~300~~ MEGABYTE MDD PN 200-146-01 ^{leads} AND 1 ~~20~~ VOLT POWER SUPPLY P/N 200-145-01.
2. CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
3. REMOVE TRAVELLER & PUT SILVER LABEL (P/N 099-019-00) BETWEEN FAN GRILL & BLACK CONNECTOR.
4. FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO LOGO, IT ALSO STATES SCSI SUB-SYSTEM. THERE ARE 2 SQUARE LED'S, BOTH LED'S HAVE 2 WIRES ATTACHED TO THE LED, AND EACH SET OF WIRES ARE ATTACHED TO A FEMALE CONNECTOR. ONE CONNECTOR HANGS LOOSE INSIDE THE DISK MODULE AND THE OTHER ONE IS ATTACHED TO THE 300 MB MDD.
5. CHECK LABLING ~~THAT IS APPLIED IN THE SUB-SYSTEM AREA.~~
 1. SCSI in: ~~LEFT OF THE WHITE CONNECTOR.~~ ^{above}
 2. SCSI out: ~~RIGHT OF THE BLACK CONNECTOR.~~ ^{above}
 3. DC GND: UNDER THE BRASS NUT.
6. VERIFY THE VOLTAGE OF 120 VOLTS (P/N 200-145-01 ^{PS}) THE POWER SUPPLY MUST BE HOOKED-UP:
 - A. PIN 4 TO PIN 2 WHICH ARE THEN TERMINATED TO PINS 1 & 2 OF P1.
 - B. PIN 3 TO PIN 1 WHICH ARE THEN TERMINATED TO PIN 3 OF P1.
 - C. PIN 5 STANDS ALONE.
7. PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.

LOOSE PARTS TO SHIP:

1. 120 VOLT STANDARD POWER CORD P/N 020-025-00.
2. 1 SET OF BRACKETS: NOTE ONE RIGHT & ONE LEFT WITH KEPS NUTS & SCREWS. SCREW ARE LOCATED SECOND SLOT FROM THE RIGHT ANGLE BEND PLUS PHILLIPS, LOCK WASHER & NUT. ALSO THERE IS A STUD WITH BLACK WASHER ON BOTH SIDES OF THE BRACKETS. THE BRACKETS ARE PIECES FROM P/N 121-002-00.
3. INSTALLATION KIT P/N: 200-114-00 C.
4. NON-BULKHEAD KIT P/N: 200-155-01 B.

SKS-15 850-011-02 C OPTION

SKS-15 SHIPS WITH AN SCZ-1 BOARD, SEE SCZ-1 COVERCHECK FOR INSPECTION.

SALES NUMBER: 900-019-02 ^B SEE SALES SHEET FOR ACCESSORIES NEEDED.

LABEL REQUIREMENTS:

ZETACO: DISK MODULE

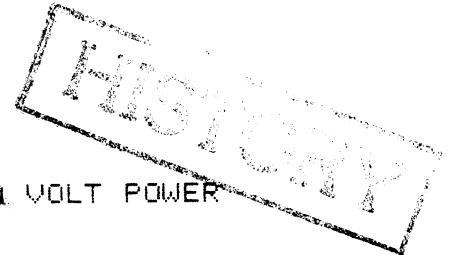
MODEL NO: 850-011-02 ^{7D}

VOLTS: 220 VAC

Hz: 50/60

AMPS: 2

FUSE SIZE: 3 AMPS

F = Stifferer plate (1140)

VISUAL:

1. SKS-15=1 300 MEGABYTE MDD P/N 200-146-01 AND 1 220 VOLT POWER SUPPLY P/N 200-145-02.
2. CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
3. REMOVE TRAVELLER & PUT SILVER LABEL (P/N 099-019-00) BETWEEN FAN GRILL & BLACK CONNECTOR.
4. FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO LOGO, IT ALSO STATES SCSI SUB-SYSTEM. THERE ARE 2 SQUARE LED'S, BOTH LED'S HAVE 2 WIRES ATTACHED TO THE LED, AND EACH SET OF WIRES ARE ATTACHED TO A FEMALE CONNECTOR. ONE CONNECTOR HANGS LOOSE INSIDE THE DISK MODULE AND THE OTHER ONE IS ATTACHED TO THE 300 MB MDD.
5. CHECK LABLING THAT IS APPLIED IN THE SUB-SYSTEM AREA.
 1. SCSI in: LEFT OF THE WHITE CONNECTOR.
 2. SCSI out: RIGHT OF THE BLACK CONNECTOR.
 3. DC GND: UNDER THE BRASS NUT.
6. VARYIFY THE VOLTAGE OF 220 VOLTS (P/N 200-145-02 ^C) THE POWER SUPPLY MUST BE HOOKED-UP:
 - A. PIN 2 TO PIN 3 WHICH ARE THEN TERMINATED TO PIN 2 OF P1.
 - B. PIN 1 TO PIN 3 OF P1.
 - C. PIN 5 TO PIN 1 OF P1.
 - D. PIN 4 STANDS ALONE.
7. PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.

LOOSE PARTS TO SHIP:

1. 240 VOLT NON-STANDARD POWER CORD P/N 020-033-00.
2. 1 SET OF BRACKETS: NOTE ONE RIGHT & ONE LEFT WITH KEPS NUTS & SCREWS. SCREW ARE LOCATED SECOND SLOT FROM THE RIGHT ANGLE BEND PLUS PHILLIPS, LOCK WASHER & NUT. ALSO THERE IS A STUD WITH BLACK WASHER ON BOTH SIDES OF THE BRACKETS. THE BRACKETS ARE PIECES FROM P/N 121-002-00.
3. INSTALLATION KIT P/N: 200-114-00 C.
4. NON-BULKHEAD KIT P/N: 200-155-01 B.

SKS-15 850-011-03 C OPTION

SKS-15 SHIPS WITH AN SC2-1 BOARD, SEE SC2-1 COVERCHECK FOR INSPECTION.

SALES NUMBER: 900-019-03 ^B SEE SALES SHEET FOR ACCESSORIES NEEDED.

LABEL REQUIREMENTS:

ZETACO: DISK MODULE

MODEL NO: 850-011-03 ^D

VOLTS: 230/240 VAC

Hz: 50/60

AMPS: 2

FUSE SIZE: 3 AMPS

E = STUFF PLATE 1140

VISUAL:

1. SKS-15=1 300 MEGABYTE MDD PN 200-146-01 AND 1 220/240 VOLT POWER SUPPLY P/N 200-145-03.
2. CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
3. REMOVE TRAVELLER & PUT SILVER LABEL (P/N 099-019-00) BETWEEN FAN GRILL & BLACK CONNECTOR.
4. FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO LOGO, IT ALSO STATES SCSI SUB-SYSTEM. THERE ARE 2 SQUARE LED'S, BOTH LED'S HAVE 2 WIRES ATTACHED TO THE LED, AND EACH SET OF WIRES ARE ATTACHED TO A FEMALE CONNECTOR, ONE CONNECTOR HANGS LOOSE INSIDE THE DISK MODULE AND THE OTHER ONE IS ATTACHED TO THE 300 MB MDD.
5. CHECK LABLING ~~THAT IS APPLIED IN THE SUB-SYSTEM AREA.~~
 1. SCSI in: ^{above} LEFT OF THE WHITE CONNECTOR.
 2. SCSI out: ^{above} RIGHT OF THE BLACK CONNECTOR.
 3. DC GND: UNDER THE BRASS NUT.
6. VERIFY THE VOLTAGE OF ³220/240 VOLTS (P/N 200-145-03 ^D) THE POWER SUPPLY MUST BE HOOKED-UP:
 - A. PIN 2 TO PIN 3 WHICH ARE THEN TERMINATED TO PIN 2 OF P1.
 - B. PIN 1 TO PIN 3 OF P1.
 - C. PIN 4 TO PIN 1 OF P1.
 - D. PIN 5 STANDS ALONE.
7. PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.

LOOSE PARTS TO SHIP:

1. 240 VOLT NON-STANDARD POWER CORD P/N 020-033-00.
2. 1 SET OF BRACKETS: NOTE ONE RIGHT & ONE LEFT WITH KEPS NUTS & SCREWS. SCREW ARE LOCATED SECOND SLOT FROM THE RIGHT ANGLE BEND PLUS PHILLIPS, LOCK WASHER & NUT. ALSO THERE IS A STUD WITH BLACK WASHER ON BOTH SIDES OF THE BRACKETS. THE BRACKETS ARE PIECES FROM P/N 121-002-00.
3. INSTALLATION KIT P/N: 200-114-00 C.
4. NON-BULKHEAD KIT P/N: 200-155-01 B.

SKS-15 850-011-01 OPTION

SKS-15 SHIPS WITH AN SCZ-1 BOARD, SEE SCZ-1 COVERCHECK FOR INSPECTION.

LABEL REQUIREMENTS:

ZETACO: DISK MODULE
MODEL NO: 850-011-01 E
VOLTS: 120 VAC
Hz: 50/60
AMPS: 4
FUSE SIZE: 6.25 AMPS

VISUAL:

1. SKS-15=1 300 MEGABYTE MDD PN 200-146-01 C AND 1 120 VOLT POWER SUPPLY P/N 200-145-01 D.
2. CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
3. REMOVE TRAVELLER & PUT SILVER LABEL (P/N 099-019-00) BETWEEN FAN GRILL & BLACK CONNECTOR.
4. FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO LOGO, IT ALSO STATES SCSI SUB-SYSTEM. THERE ARE 2 SQUARE LED'S, BOTH LED'S HAVE 2 WIRES ATTACHED TO THE LED, AND EACH SET OF WIRES ARE ATTACHED TO A FEMALE CONNECTOR. ONE CONNECTOR HANGS LOOSE INSIDE THE DISK MODULE AND THE OTHER ONE IS ATTACHED TO THE 300 MB MDD.
5. CHECK SILKSCREEN:
 1. SCSI in: ABOVE THE WHITE CONNECTOR.
 2. SCSI out: ABOVE THE BLACK CONNECTOR.
 3. DC GND: UNDER THE BRASS NUT.
6. VERIFY THE VOLTAGE OF 120 VOLTS (P/N 200-145-01 D) THE POWER SUPPLY MUST BE HOOKED-UP:
 - A. PIN 4 TO PIN 2 WHICH ARE THEN TERMINATED TO PINS 1 & 2 OF P1.
 - B. PIN 3 TO PIN 1 WHICH ARE THEN TERMINATED TO PIN 3 OF P1.
 - C. PIN 5 STANDS ALONE.
7. PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.
8. ENSURE A STIFFENER PLATE IS INSTALLED. THE LIP MUST BE TOWARD THE FRONT PANEL AND ALL UNUSED HOLES FILLED WITH SCREWS & LOCKWASHERS.

LOOSE PARTS TO SHIP:

1. 120 VOLT STANDARD POWER CORD P/N 020-025-00.
2. 1 SET OF BRACKETS: NOTE ONE RIGHT & ONE LEFT WITH KEPS NUTS & SCREWS. SCREW ARE LOCATED SECOND SLOT FROM THE RIGHT ANGLE BEND PLUS PHILLIPS, LOCK WASHER & NUT. ALSO THERE IS A STUD WITH BLACK WASHER ON BOTH SIDES OF THE BRACKETS. THE BRACKETS ARE PIECES FROM P/N 121-002-00.
3. INSTALLATION KIT P/N: 200-114-00 C.
NON-BULKHEAD KIT P/N: 200-155-01 B.

SKS-15 850-011-02 OPTION

SKS-15 SHIPS WITH AN SCZ-1 BOARD, SEE SCZ-1 COVERCHECK FOR INSPECTION.

LABEL REQUIREMENTS:

ZETACO: DISK MODULE
MODEL NO: 850-011-02 E
VOLTS: 220 VAC
Hz: 50/60
AMPS: 2
FUSE SIZE: 3 AMPS

VISUAL:

1. SKS-15=1 300 MEGABYTE MDD PN 200-146-01 C AND 1 220 VOLT POWER SUPPLY P/N 200-145-02 C.
2. CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
3. REMOVE TRAVELLER & PUT SILVER LABEL (P/N 099-019-00) BETWEEN FAN GRILL & BLACK CONNECTOR.
4. FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO LOGO. IT ALSO STATES SCSI SUB-SYSTEM. THERE ARE 2 SQUARE LED'S, BOTH LED'S HAVE 2 WIRES ATTACHED TO THE LED, AND EACH SET OF WIRES ARE ATTACHED TO A FEMALE CONNECTOR. ONE CONNECTOR HANGS LOOSE INSIDE THE DISK MODULE AND THE OTHER ONE IS ATTACHED TO THE 300 MB MDD.

CHECK SILKSCREEN:

1. SCSI in: ABOVE THE CONNECTOR.
 2. SCSI out: ABOVE THE BLACK CONNECTOR.
 3. DC GND: UNDER THE BRASS NUT.
6. VERIFY THE VOLTAGE OF 220 VOLTS (P/N 200-145-02 C) THE POWER SUPPLY MUST BE HOOKED-UP:
 - A. PIN 2 TO PIN 3 WHICH ARE THEN TERMINATED TO PIN 2 OF P1.
 - B. PIN 1 TO PIN 3 OF P1.
 - C. PIN 5 TO PIN 1 OF P1.
 - D. PIN 4 STANDS ALONE.
 7. PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.
 8. ENSURE A STIFFENER PLATE IS INSTALLED. THE LIP MUST BE TOWARD THE FRONT PANEL AND ALL UNUSED HOLES FILLED WITH SCREWS & LOCKWASHERS.

LOOSE PARTS TO SHIP:

1. 240 VOLT NON-STANDARD POWER CORD P/N 020-033-00.
2. 1 SET OF BRACKETS: NOTE ONE RIGHT & ONE LEFT WITH KEPS NUTS & SCREWS. SCREW ARE LOCATED SECOND SLOT FROM THE RIGHT ANGLE BEND PLUS PHILLIPS, LOCK WASHER & NUT. ALSO THERE IS A STUD WITH BLACK WASHER ON BOTH SIDES OF THE BRACKETS. THE BRACKETS ARE PIECES FROM P/N 121-002-00.
3. INSTALLATION KIT P/N: 200-114-00 C.
NON-BULKHEAD KIT P/N: 200-155-01 B.

SKS-15 850-011-03 OPTION

SKS-15 SHIPS WITH AN SCZ-1 BOARD, SEE SCZ-1 COVERCHECK FOR INSPECTION.

LABEL REQUIREMENTS:

ZETACO: DISK MODULE
MODEL NO: 850-011-03 E
VOLTS: 230/240 VAC
Hz: 50/60
AMPS: 2
FUSE SIZE: 3 AMPS

VISUAL:

1. SKS-15=1 300 MEGABYTE MDD PN 200-146-01A AND 1 220/240 VOLT POWER SUPPLY P/N 200-145-03 D.
2. CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
3. REMOVE TRAVELLER & PUT SILVER LABEL (P/N 099-019-00) BETWEEN FAN GRILL & BLACK CONNECTOR.
4. FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO LOGO, IT ALSO STATES SCSI SUB-SYSTEM. THERE ARE 2 SQUARE LED'S, BOTH LED'S HAVE 2 WIRES ATTACHED TO THE LED, AND EACH SET OF WIRES ARE ATTACHED TO A FEMALE CONNECTOR. ONE CONNECTOR HANGS LOOSE INSIDE THE DISK MODULE AND THE OTHER ONE IS ATTACHED TO THE 300 MB MDD.
5. CHECK SILKSCREEN:
 1. SCSI in: ABOVE THE WHITE CONNECTOR.
 2. SCSI out: ABOVE THE BLACK CONNECTOR.
 3. DC GND: UNDER THE BRASS NUT.
6. VERIFY THE VOLTAGE OF 230/240 VOLTS (P/N 200-145-03 D) THE POWER SUPPLY MUST BE HOOKED-UP:
 - A. PIN 2 TO PIN 3 WHICH ARE THEN TERMINATED TO PIN 2 OF P1.
 - B. PIN 1 TO PIN 3 OF P1.
 - C. PIN 4 TO PIN 1 OF P1.
 - D. PIN 5 STANDS ALONE.
7. PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.
8. ENSURE A STIFFENER PLATE IS INSTALLED. THE LIP MUST BE TOWARD THE FRONT PANEL AND ALL UNUSED HOLES FILLED WITH SCREWS & LOCKWASHERS.

LOOSE PARTS TO SHIP:

1. 240 VOLT NON-STANDARD POWER CORD P/N 020-033-00.
2. 1 SET OF BRACKETS: NOTE ONE RIGHT & ONE LEFT WITH KEPS NUTS & SCREWS. SCREW ARE LOCATED SECOND SLOT FROM THE RIGHT ANGLE BEND PLUS PHILLIPS, LOCK WASHER & NUT. ALSO THERE IS A STUD WITH BLACK WASHER ON BOTH SIDES OF THE BRACKETS. THE BRACKETS ARE PIECES FROM P/N 121-002-00.
 1. INSTALLATION KIT P/N: 200-114-00 C.
 2. NON-BULKHEAD KIT P/N: 200-155-01 B.

SKS-HP327 850-011-04 OPTION

LABEL REQUIREMENTS:

ZETACO: DISK MODULE
MODEL NO: 850-011-04 A
VOLTS: 120 VAC
Hz: 50/60
AMPS: 4
FUSE SIZE: 6.25 AMPS

VISUAL:

1. SKS-HP327=1 327 MEGABYTE MDD (READS 344) PN 200-146-04 A, AND 1 120 VOLT POWER SUPPLY P/N 200-145-01 D.
2. CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
3. REMOVE TRAVELLER & PUT SILVER LABEL (P/N 099-019-00) BETWEEN FAN GRILL & BLACK CONNECTOR.
4. FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO LOGO, IT ALSO STATES SCSI SUB-SYSTEM. THERE ARE 2 SQUARE LED'S, BOTH LED'S HAVE 2 WIRES ATTACHED TO THE LED, AND EACH SET OF WIRES ARE ATTACHED TO A FEMALE CONNECTOR. ONE CONNECTOR HANGS LOOSE INSIDE THE DISK MODULE AND THE OTHER ONE IS ATTACHED TO THE WREN.
5. CHECK SILKSCREEN:
 1. SCSI in: ABOVE THE WHITE CONNECTOR.
 2. SCSI out: ABOVE THE BLACK CONNECTOR.
 3. DC GND: UNDER THE BRASS NUT.
6. VERIFY THE VOLTAGE OF 120 VOLTS (P/N 200-145-01 D) THE POWER SUPPLY MUST BE HOOKED-UP:
 - A. PIN 4 TO PIN 2 WHICH ARE THEN TERMINATED TO PINS 1 & 2 OF P1.
 - B. PIN 3 TO PIN 1 WHICH ARE THEN TERMINATED TO PIN 3 OF P1.
 - C. PIN 5 STANDS ALONE.
7. PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.
8. ENSURE A STIFFENER PLATE IS INSTALLED. THE LIP MUST BE TOWARD THE FRONT PANEL AND ALL UNUSED HOLES FILLED WITH SCREWS & LOCKWASHERS.

LOOSE PARTS TO SHIP:

1. 120 VOLT STANDARD POWER CORD P/N 020-025-00.
2. 1 SET OF BRACKETS: NOTE ONE RIGHT & ONE LEFT WITH KEPS NUTS & SCREWS. SCREW ARE LOCATED SECOND SLOT FROM THE RIGHT ANGLE BEND PLUS PHILLIPS, LOCK WASHER & NUT. ALSO THERE IS A STUD WITH BLACK WASHER ON BOTH SIDES OF THE BRACKETS. THE BRACKETS ARE PIECES FROM P/N 121-002-00.
3. INSTALLATION KIT P/N: 200-114-00 C.
4. NON-BULKHEAD KIT P/N: 200-155-01 B.

SKS-HP327 850-011-05 OPTION

LABEL REQUIREMENTS:

ZETACO: DISK MODULE
MODEL NO: 850-011-05 A
VOLTS: 220 VAC
Hz: 50/60
AMPS: 2
FUSE SIZE: 3 AMPS

VISUAL:

1. SKS-HP327=1 327 MEGABYTE MDD (READS 344) PN 200-146-04 A AND 1 220 VOLT POWER SUPPLY P/N 200-145-02 C.
2. CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
3. REMOVE TRAVELLER & PUT SILVER LABEL (P/N 099-019-00) BETWEEN FAN GRILL & BLACK CONNECTOR.
4. FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO LOGO, IT ALSO STATES SCSI SUB-SYSTEM. THERE ARE 2 SQUARE LED'S, BOTH LED'S HAVE 2 WIRES ATTACHED TO THE LED, AND EACH SET OF WIRES ARE ATTACHED TO A FEMALE CONNECTOR. ONE CONNECTOR HANGS LOOSE INSIDE THE DISK MODULE AND THE OTHER ONE IS ATTACHED TO THE WREN.
5. CHECK SILKSCREEN:
 1. SCSI in: ABOVE THE WHITE CONNECTOR.
 2. SCSI out: ABOVE THE BLACK CONNECTOR.
 3. DC GND: UNDER THE BRASS NUT.
6. VERIFY THE VOLTAGE OF 220 VOLTS (P/N 200-145-02 C) THE POWER SUPPLY MUST BE HOOKED-UP:
 - A. PIN 2 TO PIN 3 WHICH ARE THEN TERMINATED TO PIN 2 OF P1.
 - B. PIN 1 TO PIN 3 OF P1.
 - C. PIN 5 TO PIN 1 OF P1.
 - D. PIN 4 STANDS ALONE.
7. PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.
8. ENSURE A STIFFENER PLATE IS INSTALLED. THE LIP MUST BE TOWARD THE FRONT PANEL AND ALL UNUSED HOLES FILLED WITH SCREWS & LOCKWASHERS.

LOOSE PARTS TO SHIP:

1. 240 VOLT NON-STANDARD POWER CORD P/N 020-033-00.
2. 1 SET OF BRACKETS: NOTE ONE RIGHT & ONE LEFT WITH KEPS NUTS & SCREWS. SCREW ARE LOCATED SECOND SLOT FROM THE RIGHT ANGLE BEND PLUS PHILLIPS, LOCK WASHER & NUT. ALSO THERE IS A STUD WITH BLACK WASHER ON BOTH SIDES OF THE BRACKETS. THE BRACKETS ARE PIECES FROM P/N 121-002-00.
3. INSTALLATION KIT P/N: 200-114-00 C.
4. NON-BULKHEAD KIT P/N: 200-155-01 B.

SKS-HP327 850-011-06 OPTION

LABEL REQUIREMENTS:

ZETACO: DISK MODULE
MODEL NO: 850-011-06 A
VOLTS: 230/240 VAC
Hz: 50/60
AMPS: 2
FUSE SIZE: 3 AMPS

VISUAL:

1. SKS-HP327=1 327 MEGABYTE MDD (READS 344) P/N 200-146-04 A AND 1 220/240 VOLT POWER SUPPLY P/N 200-145-03 D.
2. CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
3. REMOVE TRAVELLER & PUT SILVER LABEL (P/N 099-019-00) BETWEEN FAN GRILL & BLACK CONNECTOR.
4. FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO LOGO, IT ALSO STATES SCSI SUB-SYSTEM. THERE ARE 2 SQUARE LED'S, BOTH LED'S HAVE 2 WIRES ATTACHED TO THE LED, AND EACH SET OF WIRES ARE ATTACHED TO A FEMALE CONNECTOR. ONE CONNECTOR HANGS LOOSE INSIDE THE DISK MODULE AND THE OTHER ONE IS ATTACHED TO THE WREN.
5. CHECK SILKSCREEN:
 1. SCSI in: ABOVE THE WHITE CONNECTOR.
 2. SCSI out: ABOVE THE BLACK CONNECTOR.
 3. DC GND: UNDER THE BRASS NUT.
6. VERIFY THE VOLTAGE OF 230/240 VOLTS (P/N 200-145-03 D) THE POWER SUPPLY MUST BE HOOKED-UP:
 - A. PIN 2 TO PIN 3 WHICH ARE THEN TERMINATED TO PIN 2 OF P1.
 - B. PIN 1 TO PIN 3 OF P1.
 - C. PIN 4 TO PIN 1 OF P1.
 - D. PIN 5 STANDS ALONE.
7. PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.
8. ENSURE A STIFFENER PLATE IS INSTALLED. THE LIP MUST BE TOWARD THE FRONT PANEL AND ALL UNUSED HOLES FILLED WITH SCREWS & LOCKWASHERS.

LOOSE PARTS TO SHIP:

1. 240 VOLT NON-STANDARD POWER CORD P/N 020-033-00.
2. 1 SET OF BRACKETS: NOTE ONE RIGHT & ONE LEFT WITH KEPS NUTS & SCREWS. SCREW ARE LOCATED SECOND SLOT FROM THE RIGHT ANGLE BEND PLUS PHILLIPS, LOCK WASHER & NUT. ALSO THERE IS A STUD WITH BLACK WASHER ON BOTH SIDES OF THE BRACKETS. THE BRACKETS ARE PIECES FROM P/N 121-002-00.
3. INSTALLATION KIT P/N: 200-114-00 C.
4. NON-BULKHEAD KIT P/N: 200-155-01 B.

SKS-HP601 850-011-07 OPTION

LABEL REQUIREMENTS:

ZETACO: DISK MODULE
MODEL NO: 850-011-07 A
VOLTS: 120 VAC
Hz: 50/60
AMPS: 4
FUSE SIZE: 6.25 AMPS

VISUAL:

1. SKS-HP601=1 601 MEGABYTE MDD (READS 702) PN 200-146-05 A, AND 1 120 VOLT POWER SUPPLY P/N 200-145-01 D.
2. CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
3. REMOVE TRAVELLER & PUT SILVER LABEL (P/N 099-019-00) BETWEEN FAN GRILL & BLACK CONNECTOR.
4. FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO LOGO, IT ALSO STATES SCSI SUB-SYSTEM. THERE ARE 2 SQUARE LED'S, BOTH LED'S HAVE 2 WIRES ATTACHED TO THE LED, AND EACH SET OF WIRES ARE ATTACHED TO A FEMALE CONNECTOR. ONE CONNECTOR HANGS LOOSE INSIDE THE DISK MODULE AND THE OTHER ONE IS ATTACHED TO THE WREN.
5. CHECK SILKSCREEN:
 1. SCSI in: ABOVE THE WHITE CONNECTOR.
 2. SCSI out: ABOVE THE BLACK CONNECTOR.
 3. DC GND: UNDER THE BRASS NUT.
6. VERIFY THE VOLTAGE OF 120 VOLTS (P/N 200-145-01 D) THE POWER SUPPLY MUST BE HOOKED-UP:
 - A. PIN 4 TO PIN 2 WHICH ARE THEN TERMINATED TO PINS 1 & 2 OF P1.
 - B. PIN 3 TO PIN 1 WHICH ARE THEN TERMINATED TO PIN 3 OF P1.
 - C. PIN 5 STANDS ALONE.
7. PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.
8. ENSURE A STIFFENER PLATE IS INSTALLED. THE LIP MUST BE TOWARD THE FRONT PANEL AND ALL UNUSED HOLES FILLED WITH SCREWS & LOCKWASHERS.

LOOSE PARTS TO SHIP:

1. 120 VOLT STANDARD POWER CORD P/N 020-025-00.
2. 1 SET OF BRACKETS: NOTE ONE RIGHT & ONE LEFT WITH KEPS NUTS & SCREWS. SCREW ARE LOCATED SECOND SLOT FROM THE RIGHT ANGLE BEND PLUS PHILLIPS, LOCK WASHER & NUT. ALSO THERE IS A STUDY WITH BLACK WASHER ON BOTH SIDES OF THE BRACKETS. THE BRACKETS ARE PIECES FROM P/N 121-002-00.
3. INSTALLATION KIT P/N: 200-114-00 C.
4. NON-BULKHEAD KIT P/N: 200-155-01 B.

SKS-HP601 850-011-08 OPTION

LABEL REQUIREMENTS:

ZETACO: DISK MODULE
MODEL NO: 850-011-08 A
VOLTS: 220 VAC
Hz: 50/60
AMPS: 2
FUSE SIZE: 3 AMPS

VISUAL:

1. SKS-HP601=1 601 MEGABYTE MDD (READS 702) PN 200-146-05 A AND 1 220 VOLT POWER SUPPLY P/N 200-145-02 C.
2. CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
3. REMOVE TRAVELLER & PUT SILVER LABEL (P/N 099-019-00) BETWEEN FAN GRILL & BLACK CONNECTOR.
4. FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO LOGO, IT ALSO STATES SCSI SUB-SYSTEM. THERE ARE 2 SQUARE LED'S, BOTH LED'S HAVE 2 WIRES ATTACHED TO THE LED, AND EACH SET OF WIRES ARE ATTACHED TO A FEMALE CONNECTOR. ONE CONNECTOR HANGS LOOSE INSIDE THE DISK MODULE AND THE OTHER ONE IS ATTACHED TO THE WREN.
5. CHECK SILKSCREEN:
 1. SCSI in: ABOVE THE WHITE CONNECTOR.
 2. SCSI out: ABOVE THE BLACK CONNECTOR.
 3. DC GND: UNDER THE BRASS NUT.
6. VERIFY THE VOLTAGE OF 220 VOLTS (P/N 200-145-02 C) THE POWER SUPPLY MUST BE HOOKED-UP:
 - A. PIN 2 TO PIN 3 WHICH ARE THEN TERMINATED TO PIN 2 OF P1.
 - B. PIN 1 TO PIN 3 OF P1.
 - C. PIN 5 TO PIN 1 OF P1.
 - D. PIN 4 STANDS ALONE.
7. PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.
8. ENSURE A STIFFENER PLATE IS INSTALLED. THE LIP MUST BE TOWARD THE FRONT PANEL AND ALL UNUSED HOLES FILLED WITH SCREWS & LOCKWASHERS.

LOOSE PARTS TO SHIP:

1. 240 VOLT NON-STANDARD POWER CORD P/N 020-033-00.
2. 1 SET OF BRACKETS: NOTE ONE RIGHT & ONE LEFT WITH KEPS NUTS & SCREWS. SCREW ARE LOCATED SECOND SLOT FROM THE RIGHT ANGLE BEND PLUS PHILLIPS, LOCK WASHER & NUT. ALSO THERE IS A STUD WITH BLACK WASHER ON BOTH SIDES OF THE BRACKETS. THE BRACKETS ARE PIECES FROM P/N 121-002-00.
3. INSTALLATION KIT P/N: 200-114-00 C.
4. NON-BULKHEAD KIT P/N: 200-155-01 B.

SKS-HP601 850-011-09 OPTION

LABEL REQUIREMENTS:

ZETACO: DISK MODULE
MODEL NO: 850-011-09 A
VOLTS: 230/240 VAC
Hz: 50/60
AMPS: 2
FUSE SIZE: 3 AMPS

VISUAL:

1. SKS-HP601=1 601 MEGABYTE MDD (READS 702) P/N 200-146-05 A AND 1 220/240 VOLT POWER SUPPLY P/N 200-145-03 D.
2. CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
3. REMOVE TRAVELLER & PUT SILVER LABEL (P/N 099-019-00) BETWEEN FAN GRILL & BLACK CONNECTOR.
4. FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO LOGO, IT ALSO STATES SCSI SUB-SYSTEM. THERE ARE 2 SQUARE LED'S, BOTH LED'S HAVE 2 WIRES ATTACHED TO THE LED, AND EACH SET OF WIRES ARE ATTACHED TO A FEMALE CONNECTOR. ONE CONNECTOR HANGS LOOSE INSIDE THE DISK MODULE AND THE OTHER ONE IS ATTACHED TO THE WREN.
5. CHECK SILKSCREEN:
 1. SCSI in: ABOVE THE WHITE CONNECTOR.
 2. SCSI out: ABOVE THE BLACK CONNECTOR.
 3. DC GND: UNDER THE BRASS NUT.
6. VERIFY THE VOLTAGE OF 230/240 VOLTS (P/N 200-145-03 D) THE POWER SUPPLY MUST BE HOOKED-UP:
 - A. PIN 2 TO PIN 3 WHICH ARE THEN TERMINATED TO PIN 2 OF P1.
 - B. PIN 1 TO PIN 3 OF P1.
 - C. PIN 4 TO PIN 1 OF P1.
 - D. PIN 5 STANDS ALONE.
7. PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.
8. ENSURE A STIFFENER PLATE IS INSTALLED. THE LIP MUST BE TOWARD THE FRONT PANEL AND ALL UNUSED HOLES FILLED WITH SCREWS & LOCKWASHERS.

LOOSE PARTS TO SHIP:

1. 240 VOLT NON-STANDARD POWER CORD P/N 020-033-00.
2. 1 SET OF BRACKETS: NOTE ONE RIGHT & ONE LEFT WITH KEPS NUTS & SCREWS. SCREW ARE LOCATED SECOND SLOT FROM THE RIGHT ANGLE BEND PLUS PHILLIPS, LOCK WASHER & NUT. ALSO THERE IS A STUD WITH BLACK WASHER ON BOTH SIDES OF THE BRACKETS. THE BRACKETS ARE PIECES FROM P/N 121-002-00.
3. INSTALLATION KIT P/N: 200-114-00 C.
4. NON-BULKHEAD KIT P/N: 200-155-01 B.

SKS-25 850-012-01 **D** OPTION

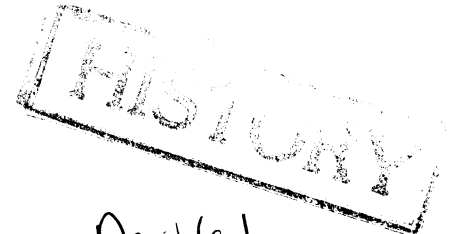
SKS-25 SHIPS WITH AN SCZ-1 BOARD, SEE SCZ-1 COVERCHECK FOR INSPECTION.

SALES NUMBER: 900-019-04 ^B SEE SALES SHEET FOR ACCESSORIES NEEDED.

LABEL REQUIREMENTS:

ZETACO: DISK MODULE
MODEL NO: 850-012-01
VOLTS: 120 VAC
Hz: 50/60
AMPS: 4
FUSE SIZE: 6.25 AMPS

(wire)
F = stiff plate (1140)



*Devel
When panel states
SKS
instead of SCSI*

VISUAL:

1. SKS-25=2 300 MEGABYTE MDD'S PN 200-146-01 AND 2 120 VOLT POWER SUPPLIES P/N 200-145-01.
2. CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
3. REMOVE TRAVELLER & PUT SILVER LABEL (P/N 099-019-00) BETWEEN FAN GRILL & BLACK CONNECTOR.
4. FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO LOGO, IT ALSO STATES SCSI SUB-SYSTEM. THERE ARE 2 SQUARE LED'S, BOTH ARE INSTALLED INTO THE WHITE FEMALE CONNECTOR (WITHOUT WINGS) AND EACH IS CONNECTED TO ONE OF THE 300 MB MDD'S. BLACK IS PIN ONE, PLUGS IN 1 TO 1.
5. ~~CHECK LABLING THAT IS APPLIED IN THE SUB-SYSTEM AREA.~~
 1. ~~SCSI in: LEFT OF THE WHITE CONNECTOR.~~
 2. ~~SCSI out: RIGHT OF THE BLACK CONNECTOR.~~
 3. ~~DC GND: UNDER THE BRASS NUT.~~
6. VARYFY THE VOLTAGE OF 120 VOLTS (P/N 200-145-01) ^D THE POWER SUPPLY MUST BE HOOKED-UP:
 - A. PIN 4 TO PIN 2 WHICH ARE THEN TERMINATED TO PINS 1 & 2 OF P1.
 - B. PIN 3 TO PIN 1 WHICH ARE THEN TERMINATED TO PIN 3 OF P1.
 - C. PIN 5 STANDS ALONE.
7. PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE. ~~WSSA~~

LOOSE PARTS TO SHIP:

1. 120 VOLT STANDARD POWER CORD P/N 020-025-00.
2. 1 SET OF BRACKETS: NOTE ONE RIGHT & ONE LEFT WITH KEPS NUTS & SCREWS. SCREW ARE LOCATED SECOND SLOT FROM THE RIGHT ANGLE BEND PLUS PHILLIPS, LOCK WASHER & NUT. ALSO THERE IS A STUD WITH BLACK WASHER ON BOTH SIDES OF THE BRACKETS. THE BRACKETS ARE PIECES FROM P/N 121-002-00.
3. INSTALLATION KIT P/N: 200-114-00 C.
4. NON-BULKHEAD KIT P/N: 200-155-01 B.

SKS-25 850-012-02 D OPTION

SKS-25 SHIPS WITH AN SCZ-1 BOARD, SEE SCZ-1 COVERCHECK FOR INSPECTION.

SALES NUMBER: 900-019-05 ^B SEE SALES SHEET FOR ACCESSORIES NEEDED.

LABEL REQUIREMENTS:

ZETACO: DISK MODULE

MODEL NO: 850-012-02 ^D

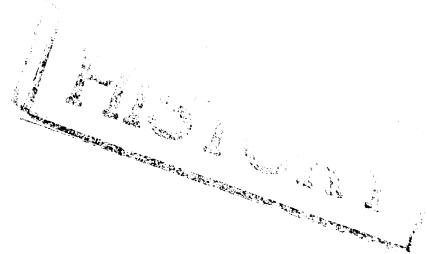
VOLTS: 220 VAC

Hz: 50/60

AMPS: 2

FUSE SIZE: 3 AMPS

E = stiff plate (1140)



VISUAL:

1. SKS-25=2 300 MEGABYTE MDD'S P/N 200-146-01 AND 2 220 VOLT POWER SUPPLIES P/N 200-145-02.
2. CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
3. REMOVE TRAVELLER & PUT SILVER LABEL (P/N 099-019-00) BETWEEN FAN GRILL & BLACK CONNECTOR.
4. FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO LOGO, IT ALSO STATES SCSI SUB-SYSTEM. THERE ARE 2 SQUARE LED'S, BOTH ARE INSTALLED INTO THE WHITE FEMALE CONNECTOR (WITHOUT WINGS) AND EACH IS CONNECTED TO ONE OF THE 300 MB MDD'S. BLACK IS PIN ONE, PLUGS IN 1 TO 1.
5. CHECK LABLING THAT IS APPLIED IN THE SUB-SYSTEM AREA.
 1. SCSI in: LEFT OF THE WHITE CONNECTOR.
 2. SCSI out: RIGHT OF THE BLACK CONNECTOR.
 3. DC GND: UNDER THE BRASS NUT.
6. VERIFY THE VOLTAGE OF 220 VOLTS (P/N 200-145-02 ^C) THE POWER SUPPLY MUST BE HOOKED-UP:
 - A. PIN 2 TO PIN 3 WHICH ARE THEN TERMINATED TO PIN 2 OF P1.
 - B. PIN 1 TO PIN 3 OF P1.
 - C. PIN 5 TO PIN 1 OF P1.
 - D. PIN 4 STANDS ALONE.
7. PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.

LOOSE PARTS TO SHIP:

1. 240 VOLT NON-STANDARD POWER CORD P/N 020-033-00.
2. 1 SET OF BRACKETS: NOTE ONE RIGHT & ONE LEFT WITH KEPS NUTS & SCREWS. SCREW ARE LOCATED SECOND SLOT FROM THE RIGHT ANGLE BEND PLUS PHILLIPS, LOCK WASHER & NUT. ALSO THERE IS A STUD WITH BLACK WASHER ON BOTH SIDES OF THE BRACKETS. THE BRACKETS ARE PIECES FROM P/N 121-002-00.
3. INSTALLATION KIT P/N: 200-114-00 C.
4. NON-BULKHEAD KIT P/N: 200-155-01 B.

SKS-25 850-012-03 **D** OPTION

SKS-25 SHIPS WITH AN SCZ-1 BOARD, SEE SCZ-1 COVERCHECK FOR INSPECTION.

SALES NUMBER: 900-019-06 ^B SEE SALES SHEET FOR ACCESSORIES NEEDED.

LABEL REQUIREMENTS:

ZETACO: DISK MODULE

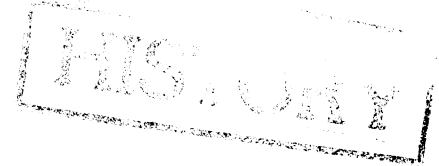
MODEL NO: 850-012-03 **D**

VOLTS: 230/240 VAC

Hz: 50/60

AMPS: 2

FUSE SIZE: 3 AMPS

*F = Steffener Plate (1140)*

VISUAL:

1. SKS-25=2 300 MEGABYTE MDD'S PN 200-146-01 AND 2 220/240 VOLT POWER SUPPLIES P/N 200-145-03.
2. CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
3. REMOVE TRAVELLER & PUT SILVER LABEL (P/N 099-019-00) BETWEEN FAN GRILL & BLACK CONNECTOR.
4. FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO LOGO, IT ALSO STATES SCSI SUB-SYSTEM. THERE ARE 2 SQUARE LED'S, BOTH ARE INSTALLED INTO THE WHITE FEMALE CONNECTOR (WITHOUT WINGS) AND EACH IS CONNECTED TO ONE OF THE 300 MB MDD'S. BLACK IS PIN ONE, PLUGS IN 1 TO 1.
5. CHECK LABLING THAT IS APPLIED IN THE SUB-SYSTEM AREA.
 1. SCSI in: LEFT OF THE WHITE CONNECTOR.
 2. SCSI out: RIGHT OF THE BLACK CONNECTOR.
 3. DC GND: UNDER THE BRASS NUT.
6. VARYIFY THE VOLTAGE OF ³220/240 VOLTS (P/N 200-145-03 ^D) THE POWER SUPPLY MUST BE HOOKED-UP:
 - A. PIN 2 TO PIN 3 WHICH ARE THEN TERMINATED TO PIN 2 OF P1.
 - B. PIN 1 TO PIN 3 OF P1.
 - C. PIN 4 TO PIN 1 OF P1.
 - D. PIN 5 STANDS ALONE.
7. PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.

LOOSE PARTS TO SHIP:

1. 240 VOLT NON-STANDARD POWER CORD P/N 020-033-00.
2. 1 SET OF BRACKETS: NOTE ONE RIGHT & ONE LEFT WITH KEPS NUTS & SCREWS. SCREW ARE LOCATED SECOND SLOT FROM THE RIGHT ANGLE BEND PLUS PHILLIPS, LOCK WASHER & NUT. ALSO THERE IS A STUD WITH BLACK WASHER ON BOTH SIDES OF THE BRACKETS. THE BRACKETS ARE PIECES FROM P/N 121-002-00.
3. INSTALLATION KIT P/N: 200-114-00 C.
4. NON-BULKHEAD KIT P/N: 200-155-01 B.

SKS-25 850-012-01 OPTION

SKS-25 SHIPS WITH AN SCZ-1 BOARD, SEE SCZ-1 COVERCHECK FOR INSPECTION.

LABEL REQUIREMENTS:

ZETACO: DISK MODULE

MODEL NO: 850-012-01 E

VOLTS: 120 VAC

Hz: 50/60

AMPS: 4

FUSE SIZE: 6.25 AMPS

VISUAL:

1. SKS-25=2 300 MEGABYTE MDD'S P/N 200-146-01 C AND 2 120 VOLT POWER SUPPLIES P/N 200-145-01 D.
2. CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
3. REMOVE TRAVELLER & PUT SILVER LABEL (P/N 099-019-00) BETWEEN FAN GRILL & BLACK CONNECTOR.
4. FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO LOGO, IT ALSO STATES SCSI SUB-SYSTEM. THERE ARE 2 SQUARE LED'S, BOTH ARE INSTALLED INTO THE WHITE FEMALE CONNECTOR (WITHOUT WINGS) AND EACH IS CONNECTED TO ONE OF THE 300 MB MDD'S. BLACK IS PIN ONE, PLUGS IN 1 TO 1.
5. CHECK SILKSCREEN:
 1. SCSI in: ABOVE THE WHITE CONNECTOR.
 2. SCSI out: ABOVE THE BLACK CONNECTOR.
 3. DC GND: UNDER THE BRASS NUT.
6. VERIFY THE VOLTAGE OF 120 VOLTS (P/N 200-145-01 D) THE POWER SUPPLY MUST BE HOOKED-UP:
 - A. PIN 4 TO PIN 2 WHICH ARE THEN TERMINATED TO PINS 1 & 2 OF P1.
 - B. PIN 3 TO PIN 1 WHICH ARE THEN TERMINATED TO PIN 3 OF P1.
 - C. PIN 5 STANDS ALONE.
7. PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.
8. ENSURE A STIFFENER PLATE IS INSTALLED. THE LIP MUST BE TOWARD THE FRONT PANEL.

LOOSE PARTS TO SHIP:

1. 120 VOLT STANDARD POWER CORD P/N 020-025-00.
2. 1 SET OF BRACKETS: NOTE ONE RIGHT & ONE LEFT WITH KEPS NUTS & SCREWS. SCREW ARE LOCATED SECOND SLOT FROM THE RIGHT ANGLE BEND PLUS PHILLIPS, LOCK WASHER & NUT. ALSO THERE IS A STUD WITH BLACK WASHER ON BOTH SIDES OF THE BRACKETS. THE BRACKETS ARE PIECES FROM P/N 121-002-00.
3. INSTALLATION KIT P/N: 200-114-00 C.
4. NON-BULKHEAD KIT P/N: 200-155-01 B.

SKS-25 850-012-02 OPTION

SKS-25 SHIPS WITH AN SCZ-1 BOARD, SEE SCZ-1 COVERCHECK FOR INSPECTION.

LABEL REQUIREMENTS:

ZETACO: DISK MODULE
MODEL NO: 850-012-02 E
VOLTS: 220 VAC
Hz: 50/60
AMPS: 2
FUSE SIZE: 3 AMPS

VISUAL:

1. SKS-25=2 300 MEGABYTE MDD'S P/N 200-146-01 C AND 2 220 VOLT POWER SUPPLIES P/N 200-145-02 C.
2. CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
3. REMOVE TRAVELLER & PUT SILVER LABEL (P/N 099-019-00) BETWEEN FAN GRILL & BLACK CONNECTOR.
4. FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO LOGO, IT ALSO STATES SCSI SUB-SYSTEM. THERE ARE 2 SQUARE LED'S, BOTH ARE INSTALLED INTO THE WHITE FEMALE CONNECTOR (WITHOUT WINGS) AND EACH IS CONNECTED TO ONE OF THE 300 MB MDD'S. BLACK IS PIN ONE, PLUGS IN 1 TO 1.
5. CHECK SILKSCREEN:
 1. SCSI in: ABOVE THE WHITE CONNECTOR.
 2. SCSI out: ABOVE THE BLACK CONNECTOR.
 3. DC GND: UNDER THE BRASS NUT.
6. VERIFY THE VOLTAGE OF 220 VOLTS (P/N 200-145-02 B) THE POWER SUPPLY MUST BE HOOKED-UP:
 - A. PIN 2 TO PIN 3 WHICH ARE THEN TERMINATED TO PIN 2 OF P1.
 - B. PIN 1 TO PIN 3 OF P1.
 - C. PIN 5 TO PIN 1 OF P1.
 - D. PIN 4 STANDS ALONE.
7. PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.
8. ENSURE A STIFFENER PLATE IS INSTALLED. THE LIP MUST BE TOWARD THE FRONT PANEL.

LOOSE PARTS TO SHIP:

1. 240 VOLT NON-STANDARD POWER CORD P/N 020-033-00.
2. 1 SET OF BRACKETS: NOTE ONE RIGHT & ONE LEFT WITH KEPS NUTS & SCREWS. SCREW ARE LOCATED SECOND SLOT FROM THE RIGHT ANGLE BEND PLUS PHILLIPS, LOCK WASHER & NUT. ALSO THERE IS A STUD WITH BLACK WASHER ON BOTH SIDES OF THE BRACKETS. THE BRACKETS ARE PIECES FROM P/N 121-002-00.
3. INSTALLATION KIT P/N: 200-114-00 C.
4. NON-BULKHEAD KIT P/N: 200-155-01 B.

SKS-25 850-012-03 OPTION

SKS-25 SHIPS WITH AN SCZ-1 BOARD, SEE SCZ-1 COVERCHECK FOR INSPECTION.

LABEL REQUIREMENTS:

ZETACO: DISK MODULE
MODEL NO: 850-012-03 E
VOLTS: 230/240 VAC
Hz: 50/60
AMPS: 2
FUSE SIZE: 3 AMPS

VISUAL:

1. SKS-25=2 300 MEGABYTE MDD'S PN 200-146-01 C AND 2 220/240 VOLT POWER SUPPLIES P/N 200-145-03 D.
2. CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
3. REMOVE TRAVELLER & PUT SILVER LABEL (P/N 099-019-00) BETWEEN FAN GRILL & BLACK CONNECTOR.
4. FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO LOGO, IT ALSO STATES SCSI SUB-SYSTEM. THERE ARE 2 SQUARE LED'S, BOTH ARE INSTALLED INTO THE WHITE FEMALE CONNECTOR (WITHOUT WINGS) AND EACH IS CONNECTED TO ONE OF THE WRENS. BLACK IS PIN ONE, PLUGS IN 1 TO 1.

CHECK SILKSCREEN:

1. SCSI in: ABOVE THE WHITE CONNECTOR.
 2. SCSI out: ABOVE THE BLACK CONNECTOR.
 3. DC GND: UNDER THE BRASS NUT.
6. VERIFY THE VOLTAGE OF 230/240 VOLTS (P/N 200-145-03 D) THE POWER SUPPLY MUST BE HOOKED-UP:
 - A. PIN 2 TO PIN 3 WHICH ARE THEN TERMINATED TO PIN 2 OF P1.
 - B. PIN 1 TO PIN 3 OF P1.
 - C. PIN 4 TO PIN 1 OF P1.
 - D. PIN 5 STANDS ALONE.
 7. PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.

LOOSE PARTS TO SHIP:

1. 240 VOLT NON-STANDARD POWER CORD P/N 020-033-00.
2. 1 SET OF BRACKETS: NOTE ONE RIGHT & ONE LEFT WITH KEPS NUTS & SCREWS. SCREW ARE LOCATED SECOND SLOT FROM THE RIGHT ANGLE BEND PLUS PHILLIPS, LOCK WASHER & NUT. ALSO THERE IS A STUD WITH BLACK WASHER ON BOTH SIDES OF THE BRACKETS. THE BRACKETS ARE PIECES FROM P/N 121-002-00.
3. INSTALLATION KIT P/N: 200-114-00 C.
4. NON-BULKHEAD KIT P/N: 200-155-01 B.

SKS-HP654 850-012-04 OPTION

LABEL REQUIREMENTS:

ZETACO: DISK MODULE

MODEL NO: 850-012-04 A

VOLTS: 120 VAC

Hz: 50/60

AMPS: 4

FUSE SIZE: 6.25 AMPS

VISUAL:

1. SKS-HP654=2 327 MEGABYTE MDD'S (READS 344) P/N 200-146-04 A AND
2 120 VOLT POWER SUPPLIES P/N 200-145-01 D.
2. CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
3. REMOVE TRAVELLER & PUT SILVER LABEL (P/N 099-019-00) BETWEEN FAN
GRILL & BLACK CONNECTOR.
4. FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO
LOGO, IT ALSO STATES SCSI SUB-SYSTEM. THERE ARE 2 SQUARE LED'S,
BOTH ARE INSTALLED INTO THE WHITE FEMALE CONNECTOR (WITHOUT WINGS)
AND EACH IS CONNECTED TO ONE OF THE WIRENS. BLACK IS PIN ONE, PLUGS
IN 1 TO 1.
5. CHECK SILKSCREEN:
 1. SCSI in: ABOVE THE WHITE CONNECTOR.
 2. SCSI out: ABOVE THE BLACK CONNECTOR.
 3. DC GND: UNDER THE BRASS NUT.
6. VERIFY THE VOLTAGE OF 120 VOLTS (P/N 200-145-01 D) THE POWER SUPPLY
MUST BE HOOKED-UP:
 - A. PIN 4 TO PIN 2 WHICH ARE THEN TERMINATED TO PINS 1 & 2 OF P1.
 - B. PIN 3 TO PIN 1 WHICH ARE THEN TERMINATED TO PIN 3 OF P1.
 - C. PIN 5 STANDS ALONE.
7. PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.
8. ENSURE A STIFFENER PLATE IS INSTALLED. THE LIP MUST BE TOWARD THE
FRONT PANEL.

LOOSE PARTS TO SHIP:

1. 120 VOLT STANDARD POWER CORD P/N 020-025-00.
2. 1 SET OF BRACKETS: NOTE ONE RIGHT & ONE LEFT WITH KEPS NUTS &
SCREWS. SCREW ARE LOCATED SECOND SLOT FROM THE RIGHT ANGLE BEND
PLUS PHILLIPS, LOCK WASHER & NUT. ALSO THERE IS A STUD WITH BLACK
WASHER ON BOTH SIDES OF THE BRACKETS. THE BRACKETS ARE PIECES FROM
P/N 121-002-00.
3. INSTALLATION KIT P/N: 200-114-00 C.
4. NON-BULKHEAD KIT P/N: 200-155-01 B.

SKS-HP654 850-012-05 OPTION

LABEL REQUIREMENTS:

ZETACO: DISK MODULE
MODEL NO: 850-012-05 A
VOLTS: 220 VAC
Hz: 50/60
AMPS: 2
FUSE SIZE: 3 AMPS

VISUAL:

1. SKS-HP654=2 327 MEGABYTE MDD'S (READS 344) P/N 200-146-04 A AND
2 220 VOLT POWER SUPPLIES P/N 200-145-02 C.
2. CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
3. REMOVE TRAVELLER & PUT SILVER LABEL (P/N 099-019-00) BETWEEN FAN
GRILL & BLACK CONNECTOR.
4. FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO
LOGO, IT ALSO STATES SCSI SUB-SYSTEM. THERE ARE 2 SQUARE LED'S,
BOTH ARE INSTALLED INTO THE WHITE FEMALE CONNECTOR (WITHOUT WINGS)
AND EACH IS CONNECTED TO ONE OF THE WRENS. BLACK IS PIN ONE, PLUGS
IN 1 TO 1.
5. CHECK SILKSCREEN:
 1. SCSI in: ABOVE THE WHITE CONNECTOR.
 2. SCSI out: ABOVE THE BLACK CONNECTOR.
 3. DC GND: UNDER THE BRASS NUT.
6. VERIFY THE VOLTAGE OF 220 VOLTS (P/N 200-145-02 B) THE POWER SUPPLY
MUST BE HOOKED-UP:
 - A. PIN 2 TO PIN 3 WHICH ARE THEN TERMINATED TO PIN 2 OF P1.
 - B. PIN 1 TO PIN 3 OF P1.
 - C. PIN 5 TO PIN 1 OF P1.
 - D. PIN 4 STANDS ALONE.
7. PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.
8. ENSURE A STIFFENER PLATE IS INSTALLED. THE LIP MUST BE TOWARD THE
FRONT PANEL.

LOOSE PARTS TO SHIP:

1. 240 VOLT NON-STANDARD POWER CORD P/N 020-033-00.
2. 1 SET OF BRACKETS: NOTE ONE RIGHT & ONE LEFT WITH KEPS NUTS &
SCREWS. SCREW ARE LOCATED SECOND SLOT FROM THE RIGHT ANGLE BEND
PLUS PHILLIPS, LOCK WASHER & NUT. ALSO THERE IS A STUD WITH BLACK
WASHER ON BOTH SIDES OF THE BRACKETS. THE BRACKETS ARE PIECES FROM
P/N 121-002-00.
3. INSTALLATION KIT P/N: 200-114-00 C.
4. NON-BULKHEAD KIT P/N: 200-155-01 B.

SKS-HP654 850-012-06 OPTION

LABEL REQUIREMENTS:

ZETACO: DISK MODULE

MODEL NO: 850-012-06 A

VOLTS: 230/240 VAC

Hz: 50/60

AMPS: 2

FUSE SIZE: 3 AMPS

VISUAL:

1. SKS-HP654=2 327 MEGABYTE MDD'S (READS 344) P/N 200-146-04 A AND
2 220/240 VOLT POWER SUPPLIES P/N 200-145-03 D.
2. CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
3. REMOVE TRAVELLER & PUT SILVER LABEL (P/N 099-019-00) BETWEEN FAN
GRILL & BLACK CONNECTOR.
4. FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO
LOGO, IT ALSO STATES SCSI SUB-SYSTEM. THERE ARE 2 SQUARE LED'S,
BOTH ARE INSTALLED INTO THE WHITE FEMALE CONNECTOR (WITHOUT WINGS)
AND EACH IS CONNECTED TO ONE OF THE WRENS. BLACK IS PIN ONE, PLUGS
IN 1 TO 1.
5. CHECK SILKSCREEN:
 1. SCSI in: ABOVE THE WHITE CONNECTOR.
 2. SCSI out: ABOVE THE BLACK CONNECTOR.
 3. DC GND: UNDER THE BRASS NUT.
6. VERIFY THE VOLTAGE OF 230/240 VOLTS (P/N 200-145-03 D) THE POWER
SUPPLY MUST BE HOOKED-UP:
 - A. PIN 2 TO PIN 3 WHICH ARE THEN TERMINATED TO PIN 2 OF P1.
 - B. PIN 1 TO PIN 3 OF P1.
 - C. PIN 4 TO PIN 1 OF P1.
 - D. PIN 5 STANDS ALONE.
7. PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.

LOOSE PARTS TO SHIP:

1. 240 VOLT NON-STANDARD POWER CORD P/N 020-033-00.
2. 1 SET OF BRACKETS: NOTE ONE RIGHT & ONE LEFT WITH KEPS NUTS &
SCREWS. SCREW ARE LOCATED SECOND SLOT FROM THE RIGHT ANGLE BEND
PLUS PHILLIPS, LOCK WASHER & NUT. ALSO THERE IS A STUD WITH BLACK
WASHER ON BOTH SIDES OF THE BRACKETS. THE BRACKETS ARE PIECES FROM
P/N 121-002-00.
3. INSTALLATION KIT P/N: 200-114-00 C.
4. NON-BULKHEAD KIT P/N: 200-155-01 B.

SKS-HP1202 850-012-07 OPTION

LABEL REQUIREMENTS:

ZETACO: DISK MODULE
MODEL NO: 850-012-07 A
VOLTS: 120 VAC
Hz: 50/60
AMPS: 4
FUSE SIZE: 6.25 AMPS

VISUAL:

1. SKS-HP1202=2 401 MEGABYTE MDD'S (READS 702) P/N 200-146-05 A AND
2 120 VOLT POWER SUPPLIES P/N 200-145-01 D.
2. CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
3. REMOVE TRAVELLER & PUT SILVER LABEL (P/N 099-019-00) BETWEEN FAN
GRILL & BLACK CONNECTOR.
4. FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO
LOGO, IT ALSO STATES SCSI SUB-SYSTEM. THERE ARE 2 SQUARE LED'S,
BOTH ARE INSTALLED INTO THE WHITE FEMALE CONNECTOR (WITHOUT WINGS)
AND EACH IS CONNECTED TO ONE OF THE WRENS. BLACK IS PIN ONE, PLUGS
IN 1 TO 1.
5. CHECK SILKSCREEN:
 1. SCSI in: ABOVE THE WHITE CONNECTOR.
 2. SCSI out: ABOVE THE BLACK CONNECTOR.
 3. DC GND: UNDER THE BRASS NUT.
6. VERIFY THE VOLTAGE OF 120 VOLTS (P/N 200-145-01 D) THE POWER SUPPLY
MUST BE HOOKED-UP:
 - A. PIN 4 TO PIN 2 WHICH ARE THEN TERMINATED TO PINS 1 & 2 OF P1.
 - B. PIN 3 TO PIN 1 WHICH ARE THEN TERMINATED TO PIN 3 OF P1.
 - C. PIN 5 STANDS ALONE.
7. PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.
8. ENSURE A STIFFENER PLATE IS INSTALLED. THE LIP MUST BE TOWARD THE
FRONT PANEL.

LOOSE PARTS TO SHIP:

1. 120 VOLT STANDARD POWER CORD P/N 020-025-00.
2. 1 SET OF BRACKETS: NOTE ONE RIGHT & ONE LEFT WITH KEPS NUTS &
SCREWS. SCREW ARE LOCATED SECOND SLOT FROM THE RIGHT ANGLE BEND
PLUS PHILLIPS, LOCK WASHER & NUT. ALSO THERE IS A STUD WITH BLACK
WASHER ON BOTH SIDES OF THE BRACKETS. THE BRACKETS ARE PIECES FROM
P/N 121-002-00.
3. INSTALLATION KIT P/N: 200-114-00 C.
4. NON-BULKHEAD KIT P/N: 200-155-01 B.

SKS-HP1202 850-012-08 OPTION

LABEL REQUIREMENTS:

ZETACO: DISK MODULE
MODEL NO: 850-012-08 A
VOLTS: 220 VAC
Hz: 50/60
AMPS: 2
FUSE SIZE: 3 AMPS

VISUAL:

1. SKS-HP1201=2 601 MEGABYTE MDD'S (READS 702) P/N 200-146-05 A AND
2 220 VOLT POWER SUPPLIES P/N 200-145-02 C.
2. CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
3. REMOVE TRAVELLER & PUT SILVER LABEL (P/N 099-019-00) BETWEEN FAN
GRILL & BLACK CONNECTOR.
4. FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO
LOGO, IT ALSO STATES SCSI SUB-SYSTEM. THERE ARE 2 SQUARE LED'S,
BOTH ARE INSTALLED INTO THE WHITE FEMALE CONNECTOR (WITHOUT WINGS)
AND EACH IS CONNECTED TO ONE OF THE WRENS. BLACK IS PIN ONE, PLUGS
IN 1 TO 1.
5. CHECK SILKSCREEN:
 1. SCSI in: ABOVE THE WHITE CONNECTOR.
 2. SCSI out: ABOVE THE BLACK CONNECTOR.
 3. DC GND: UNDER THE BRASS NUT.
6. VERIFY THE VOLTAGE OF 220 VOLTS (P/N 200-145-02 B) THE POWER SUPPLY
MUST BE HOOKED-UP:
 - A. PIN 2 TO PIN 3 WHICH ARE THEN TERMINATED TO PIN 2 OF P1.
 - B. PIN 1 TO PIN 3 OF P1.
 - C. PIN 5 TO PIN 1 OF P1.
 - D. PIN 4 STANDS ALONE.
7. PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.
8. ENSURE A STIFFENER PLATE IS INSTALLED. THE LIP MUST BE TOWARD THE
FRONT PANEL.

LOOSE PARTS TO SHIP:

1. 240 VOLT NON-STANDARD POWER CORD P/N 020-033-00.
2. 1 SET OF BRACKETS: NOTE ONE RIGHT & ONE LEFT WITH KEPS NUTS &
SCREWS. SCREW ARE LOCATED SECOND SLOT FROM THE RIGHT ANGLE BEND
PLUS PHILLIPS, LOCK WASHER & NUT. ALSO THERE IS A STUD WITH BLACK
WASHER ON BOTH SIDES OF THE BRACKETS. THE BRACKETS ARE PIECES FROM
P/N 121-002-00.
3. INSTALLATION KIT P/N: 200-114-00 C.
4. NON-BULKHEAD KIT P/N: 200-155-01 B.

SKS-HP1202 850-012-09 OPTION

LABEL REQUIREMENTS:

ZETACO: DISK MODULE
MODEL NO: 850-012-09 A
VOLTS: 230/240 VAC
Hz: 50/60
AMPS: 2
FUSE SIZE: 3 AMPS

VISUAL:

1. SKS-HP1202=2 601 MEGABYTE MDD'S (READS 702) P/N 200-146-05 A AND
2 220/240 VOLT POWER SUPPLIES P/N 200-145-03 D.
2. CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
3. REMOVE TRAVELLER & PUT SILVER LABEL (P/N 099-019-00) BETWEEN FAN
GRILL & BLACK CONNECTOR.
4. FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO
LOGO, IT ALSO STATES SCSI SUB-SYSTEM. THERE ARE 2 SQUARE LED'S,
BOTH ARE INSTALLED INTO THE WHITE FEMALE CONNECTOR (WITHOUT WINGS)
AND EACH IS CONNECTED TO ONE OF THE WRENS. BLACK IS PIN ONE, PLUGS
IN 1 TO 1.
5. CHECK SILKSCREEN:
 1. SCSI in: ABOVE THE WHITE CONNECTOR.
 2. SCSI out: ABOVE THE BLACK CONNECTOR.
 3. DC GND: UNDER THE BRASS NUT.
6. VERIFY THE VOLTAGE OF 230/240 VOLTS (P/N 200-145-03 D) THE POWER
SUPPLY MUST BE HOOKED-UP:
 - A. PIN 2 TO PIN 3 WHICH ARE THEN TERMINATED TO PIN 2 OF P1.
 - B. PIN 1 TO PIN 3 OF P1.
 - C. PIN 4 TO PIN 1 OF P1.
 - D. PIN 5 STANDS ALONE.
7. PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.

LOOSE PARTS TO SHIP:

1. 240 VOLT NON-STANDARD POWER CORD P/N 020-033-00.
2. 1 SET OF BRACKETS: NOTE ONE RIGHT & ONE LEFT WITH KEPS NUTS &
SCREWS. SCREW ARE LOCATED SECOND SLOT FROM THE RIGHT ANGLE BEND
PLUS PHILLIPS, LOCK WASHER & NUT. ALSO THERE IS A STUD WITH BLACK
WASHER ON BOTH SIDES OF THE BRACKETS. THE BRACKETS ARE PIECES FROM
P/N 121-002-00.
3. INSTALLATION KIT P/N: 200-114-00 C.
4. NON-BULKHEAD KIT P/N: 200-155-01 B.

SKS-2 800-027-01 A OPTION

SALES NUMBER: 900-XXX-XX A SEE SALES SHEET FOR ACCESSORIES NEEDED.

LABEL REQUIREMENTS:

ZETACO: DISK MODULE
MODEL NO: 800-027-01 A
VOLTS: 120 VAC
Hz: 50/60
AMPS: 4
FUSE SIZE: 6.25 AMPS

NOTE: THIS UNIT DOES NOT HAVE ANY
WRENS INSTALLED.

VISUAL:

1. SKS-2=2 120 VOLT POWER SUPPLIES P/N 200-145-01. THIS IS WITHOUT A TERMINATOR PADDLEBOARD, CABLE CONNECTORS ONLY P/N 300-189-01 A/.
2. CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
3. REMOVE TRAVELLER & PUT SILVER LABEL (P/N 099-019-00) BETWEEN FAN GRILL & BLACK CONNECTOR. WRITE DOWN THE SERIAL NUMBER ON THE TRAVELLER.
4. FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO LOGO, IT ALSO STATES SCSI SUB-SYSTEM. THERE ARE 2 SQUARE LED'S, BOTH ARE INSTALLED INTO THE WHITE FEMALE CONNECTOR (WITHOUT WINGS) AND EACH IS CONNECTED TO A MALE CONNECTOR WITH WINGS WITH RED AND BLACK WIRES. WHEN THE FRONT PANEL IS TOWARDS YOU, BLACK IS ON YOUR RIGHT AND BLACK PLUGS IN PIN ONE.
5. CHECK LABLING THAT IS APPLIED IN THE SUB-SYSTEM AREA.
 1. SCSI in: LEFT WHITE CONNECTOR. (FAN FACING TOWARD YOU).
 2. SCSI out: RIGHT WHITE CONNECTOR.
 3. DC GND: UNDER THE BRASS NUT.
6. VERIFY THE VOLTAGE OF 120 VOLTS (P/N 200-145-01 C) THE POWER SUPPLY MUST BE HOOKED-UP:
 - A. PIN 4 TO PIN 2 WHICH ARE THEN TERMINATED TO PINS 1 & 2 OF P1.
 - B. PIN 3 TO PIN 1 WHICH ARE THEN TERMINATED TO PIN 3 OF P1.
 - C. PIN 5 STANDS ALONE.
7. PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.
8. ENSURE A STIFFENER PLATE IS INSTALLED. THE LIP MUST BE TOWARDS THE FRONT PANEL AND ALL HOLES FILLED WITH SCREW & LOCKWASHERS.
9. THIS UNIT HAS (2) CABLES P/N 300-171-01 ONE END IS ATTACHED THE OTHER END HANGS LOOSE. THIS DESCRIPTION IS PER CABLE.

LOOSE PARTS TO SHIP:

1. 120 VOLT STANDARD POWER CORD P/N 020-025-00.
2. 1 SET OF BRACKETS: NOTE ONE RIGHT & ONE LEFT WITH KEPS NUTS & SCREWS. SCREW ARE LOCATED SECOND SLOT FROM THE RIGHT ANGLE BEND PLUS PHILLIPS, LOCK WASHER & NUT. ALSO THERE IS A STUD WITH BLACK WASHER ON BOTH SIDES OF THE BRACKETS. THE BRACKETS ARE PIECES FROM P/N 121-002-00.
3. INSTALLATION KIT P/N: 200-114-00 C.

SKZ-11 850-015-01 A OPTION

SKZ-11 SHIPS WITH AN SCZ-2 BOARD, SEE SCZ-2 COVERCHECK FOR INSPECTION.

SALES NUMBER: 900-~~019-01~~¹¹⁹⁻⁰¹ SEE SALES SHEET FOR ACCESSORIES NEEDED.

LABEL REQUIREMENTS:

ZETACO: DISK MODULE

MODEL NO: 850-015-01 *A³ = 86*

VOLTS: 120 VAC *C = Steffen's plate*

Hz: 50/60

AMPS: 4

FUSE SIZE: 6.25 AMPS

VISUAL:

1. SKZ-11=1 ⁸⁶ ~~91~~ MEGABYTE MDD ~~HALF-HIGH~~ PN ~~096-014-00~~ ²⁰⁰⁻¹⁴⁶⁻⁰³ AND 1 120 VOLT ^{Per 1115 not original yet} POWER SUPPLY P/N 200-145-01.
2. CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
3. REMOVE TRAVELLER & PUT SILVER LABEL (P/N 099-019-00) BETWEEN FAN GRILL & BLACK CONNECTOR.
4. FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO LOGO, IT ALSO STATES SCSI SUB-SYSTEM. THERE ARE 2 SQUARE LED'S, BOTH LED'S HAVE 2 WIRES ATTACHED TO THE LED, AND EACH SET OF WIRES ARE ATTACHED TO A FEMALE CONNECTOR AND THE CONNECTORS HANG LOOSE INSIDE THE DISK MODULE AND ARE NOT ATTACHED TO ANYTHING.
5. CHECK LABLING THAT IS APPLIED IN THE SUB-SYSTEM AREA.
 1. SCSI in: LEFT OF THE WHITE CONNECTOR.
 2. SCSI out: RIGHT OF THE BLACK CONNECTOR.
 3. DC GND: UNDER THE BRASS NUT.
6. VARYIFY THE VOLTAGE OF 120 VOLTS (P/N 200-145-01 ^D) THE POWER SUPPLY MUST BE HOOKED-UP:
 - A. PIN 4 TO PIN 2 WHICH ARE THEN TERMINATED TO PINS 1 & 2 OF P1.
 - B. PIN 3 TO PIN 1 WHICH ARE THEN TERMINATED TO PIN 3 OF P1.
 - C. PIN 5 STANDS ALONE.
7. PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.

LOOSE PARTS TO SHIP:

1. 120 VOLT STANDARD POWER CORD P/N 020-025-00.
2. 1 SET OF BRACKETS: NOTE ONE RIGHT & ONE LEFT WITH KEPS NUTS & SCREWS. SCREW ARE LOCATED SECOND SLOT FROM THE RIGHT ANGLE BEND PLUS PHILLIPS, LOCK WASHER & NUT. ALSO THERE IS A STUD WITH BLACK WASHER ON BOTH SIDES OF THE BRACKETS. THE BRACKETS ARE PIECES FROM P/N 121-002-00.
3. INSTALLATION KIT P/N: 200-114-00 C.
4. NON-BULKHEAD KIT P/N: 200-155-01 B.

SKZ-11 850-015-02 A OPTION

SKZ-11 SHIPS WITH AN SCZ-2 BOARD, SEE SCZ-2 COVERCHECK FOR INSPECTION.

LABEL REQUIREMENTS:

ZETACO: DISK MODULE
MODEL NO: 850-015-02 C
VOLTS: 220 VAC
Hz: 50/60
AMPS: 2
FUSE SIZE: 3 AMPS

VISUAL:

1. SKZ-11=1 86 MEGABYTE MDD PN 200-146-03 AND 1 220 VOLT POWER SUPPLY P/N 200-145-02.
2. CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
3. REMOVE TRAVELLER & PUT SILVER LABEL (P/N 099-019-00) BETWEEN FAN GRILL & BLACK CONNECTOR.
4. FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO LOGO. IT ALSO STATES SCSI SUB-SYSTEM. THERE ARE 2 SQUARE LED'S, BOTH LED'S HAVE 2 WIRES ATTACHED TO THE LED, AND EACH SET OF WIRES ARE ATTACHED TO A FEMALE CONNECTOR. ONE CONNECTOR HANGS LOOSE INSIDE THE DISK MODULE AND THE OTHER ONE IS ATTACHED TO THE 86 MB MDD.
 5. CHECK LABLING THAT IS APPLIED IN THE SUB-SYSTEM AREA.
 1. SCSI in: LEFT OF THE WHITE CONNECTOR.
 2. SCSI out: RIGHT OF THE BLACK CONNECTOR.
 3. DC GND: UNDER THE BRASS NUT.
6. VERIFY THE VOLTAGE OF 220 VOLTS (P/N 200-145-02 D) THE POWER SUPPLY MUST BE HOOKED-UP:
 - A. PIN 2 TO PIN 3 WHICH ARE THEN TERMINATED TO PIN 2 OF P1.
 - B. PIN 1 TO PIN 3 OF P1.
 - C. PIN 5 TO PIN 1 OF P1.
 - D. PIN 4 STANDS ALONE.
8. ENSURE A STIFFENER PLATE IS INSTALLED. THE LIP MUST BE TOWARDS THE FRONT PANEL AND ALL HOLES FILLED WITH SCREW & LOCKWASHERS.
7. PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.

LOOSE PARTS TO SHIP:

1. 240 VOLT NON-STANDARD POWER CORD P/N 020-033-00.
2. 1 SET OF BRACKETS: NOTE ONE RIGHT & ONE LEFT WITH KEPS NUTS & SCREWS. SCREW ARE LOCATED SECOND SLOT FROM THE RIGHT ANGLE BEND PLUS PHILLIPS, LOCK WASHER & NUT. ALSO THERE IS A STUD WITH BLACK WASHER ON BOTH SIDES OF THE BRACKETS. THE BRACKETS ARE PIECES FROM P/N 121-002-00.
3. INSTALLATION KIT P/N: 200-114-00 C.
NON-BULKHEAD KIT P/N: 200-155-01 B.

SKZ-11 850-015-03 A OPTION

SKZ-11 SHIPS WITH AN SCZ-2 BOARD, SEE SCZ-2 COVERCHECK FOR INSPECTION.

LABEL REQUIREMENTS:

ZETACO: DISK MODULE

MODEL NO: 850-015-03 C

VOLTS: 230/240 VAC

Hz: 50/60

AMPS: 2

FUSE SIZE: 3 AMPS

VISUAL:

1. SKZ-11=1 84 MEGABYTE MDD PN 200-146-03 AND 1 220/240 VOLT POWER SUPPLY P/N 200-145-03.
2. CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
3. REMOVE TRAVELLER & PUT SILVER LABEL (P/N 099-019-00) BETWEEN FAN GRILL & BLACK CONNECTOR.
4. FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO LOGO, IT ALSO STATES SCSI SUB-SYSTEM. THERE ARE 2 SQUARE LED'S, BOTH LED'S HAVE 2 WIRES ATTACHED TO THE LED, AND EACH SET OF WIRES ARE ATTACHED TO A FEMALE CONNECTOR. ONE CONNECTOR HANGS LOOSE INSIDE THE DISK MODULE AND THE OTHER ONE IS ATTACHED TO THE 84 MB MDD.
5. CHECK LABLING THAT IS APPLIED IN THE SUB-SYSTEM AREA.
 1. SCSI in: LEFT OF THE WHITE CONNECTOR.
 2. SCSI out: RIGHT OF THE BLACK CONNECTOR.
 3. DC GND: UNDER THE BRASS NUT.
6. VERIFY THE VOLTAGE OF 220/240 VOLTS (P/N 200-145-03 D) THE POWER SUPPLY MUST BE HOOKED-UP:
 - A. PIN 2 TO PIN 3 WHICH ARE THEN TERMINATED TO PIN 2 OF P1.
 - B. PIN 1 TO PIN 3 OF P1.
 - C. PIN 4 TO PIN 1 OF P1.
 - D. PIN 5 STANDS ALONE.
8. ENSURE A STIFFENER PLATE IS INSTALLED. THE LIP MUST BE TOWARDS THE FRONT PANEL AND ALL HOLES FILLED WITH SCREW & LOCKWASHERS.
7. PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.

LOOSE PARTS TO SHIP:

1. 240 VOLT NON-STANDARD POWER CORD P/N 020-033-00.
2. 1 SET OF BRACKETS: NOTE ONE RIGHT & ONE LEFT WITH KEPS NUTS & SCREWS. SCREW ARE LOCATED SECOND SLOT FROM THE RIGHT ANGLE BEND PLUS PHILLIPS, LOCK WASHER & NUT. ALSO THERE IS A STUD WITH BLACK WASHER ON BOTH SIDES OF THE BRACKETS. THE BRACKETS ARE PIECES FROM P/N 121-002-00.
3. INSTALLATION KIT P/N: 200-114-00 C.
NON-BULKHEAD KIT P/N: 200-155-01 B.

SKZ-21 850-016-01 A OPTION

Z-21 SHIPS WITH AN SCZ-2 BOARD, SEE SCZ-2 COVERCHECK FOR INSPECTION.

SALES NUMBER: 900-____-__ SEE SALES SHEET FOR ACCESSORIES NEEDED.

LABEL REQUIREMENTS:

ZETACO: DISK MODULE

MODEL NO: 850-016-01

VOLTS: 120 VAC

Hz: 50/60

AMPS: 4

FUSE SIZE: 6.25 AMPS

VISUAL:

- 86* *200-146-03*
1. SKZ-21=2 ~~91~~ MEGABYTE MDD'S HALF HIGH PN ~~896-014-00~~ AND 2 120 VOLT POWER SUPPLIES P/N 200-145-01.
 2. CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
 3. REMOVE TRAVELLER & PUT SILVER LABEL (P/N 099-019-00) BETWEEN FAN GRILL & BLACK CONNECTOR.
 4. FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO LOGO, IT ALSO STATES SCSI SUB-SYSTEM. THERE ARE 2 SQUARE LED'S, BOTH LED'S HAVE 2 WIRES ATTACHED TO THE LED, AND EACH SET OF WIRES ARE ATTACHED TO A FEMALE CONNECTOR AND THE CONNECTORS HANG LOOSE INSIDE THE DISK MODULE AND ARE NOT ATTACHED TO ANYTHING.
 5. CHECK LABLING THAT IS APPLIED IN THE SUB-SYSTEM AREA.
 1. SCSI in: LEFT OF THE WHITE CONNECTOR.
 2. SCSI out: RIGHT OF THE BLACK CONNECTOR.
 3. DC GND: UNDER THE BRASS NUT.
 6. VERIFY THE VOLTAGE OF 120 VOLTS (P/N 200-145-01 C) THE POWER SUPPLY MUST BE HOOKED-UP:
 - A. PIN 4 TO PIN 2 WHICH ARE THEN TERMINATED TO PINS 1 & 2 OF P1.
 - B. PIN 3 TO PIN 1 WHICH ARE THEN TERMINATED TO PIN 3 OF P1.
 - C. PIN 5 STANDS ALONE.
 7. PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.

LOOSE PARTS TO SHIP:

1. 120 VOLT STANDARD POWER CORD P/N 020-025-00.
2. 1 SET OF BRACKETS: NOTE ONE RIGHT & ONE LEFT WITH KEPS NUTS & SCREWS. SCREW ARE LOCATED SECOND SLOT FROM THE RIGHT ANGLE BEND PLUS PHILLIPS, LOCK WASHER & NUT. ALSO THERE IS A STUD WITH BLACK WASHER ON BOTH SIDES OF THE BRACKETS. THE BRACKETS ARE PIECES FROM P/N 121-002-00.
3. INSTALLATION KIT P/N: 200-114-00 C.
4. NON-BULKHEAD KIT P/N: 200-155-01 B.

SKZ-21 850-016-02 A OPTION

SKZ-21 SHIPS WITH AN SCZ-2 BOARD, SEE SCZ-2 COVERCHECK FOR INSPECTION.

SALES NUMBER: 900-___-___ SEE SALES SHEET FOR ACCESSORIES NEEDED.

LABEL REQUIREMENTS:

ZETACO: DISK MODULE

MODEL NO: 850-016-02 *AB*

VOLTS: 220 VAC

Hz: 50/60

AMPS: 2

FUSE SIZE: 3 AMPS

not signed off yet #15
c = stiffener plate

VISUAL:

1. SKZ-21=2 *86* ~~1~~ MEGABYTE MDD'S ~~HALF~~ HIGH PN ~~096-014-00~~ *200-146-03* AND 2 220 VOLT POWER SUPPLIES P/N 200-145-02.
2. CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
3. REMOVE TRAVELLER & PUT SILVER LABEL (P/N 099-019-00) BETWEEN FAN GRILL & BLACK CONNECTOR.
4. FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO LOGO, IT ALSO STATES SCSI SUB-SYSTEM. THERE ARE 2 SQUARE LED'S, BOTH LED'S HAVE 2 WIRES ATTACHED TO THE LED, AND EACH SET OF WIRES ARE ATTACHED TO A FEMALE CONNECTOR AND THE CONNECTORS HANG LOOSE INSIDE THE DISK MODULE AND ARE NOT ATTACHED TO ANYTHING.
5. CHECK LABLING THAT IS APPLIED IN THE SUB-SYSTEM AREA.
 1. SCSI in: LEFT OF THE WHITE CONNECTOR.
 2. SCSI out: RIGHT OF THE BLACK CONNECTOR.
 3. DC GND: UNDER THE BRASS NUT.
6. VERIFY THE VOLTAGE OF 220 VOLTS (P/N 200-145-02 *B*) THE POWER SUPPLY MUST BE HOOKED-UP:
 - A. PIN 2 TO PIN 3 WHICH ARE THEN TERMINATED TO PIN 2 OF P1.
 - B. PIN 1 TO PIN 3 OF P1.
 - C. PIN 5 TO PIN 1 OF P1.
 - D. PIN 4 STANDS ALONE.
7. PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.

LOOSE PARTS TO SHIP:

1. 240 VOLT NON-STANDARD POWER CORD P/N 020-033-00.
2. 1 SET OF BRACKETS: NOTE ONE RIGHT & ONE LEFT WITH KEPS NUTS & SCREWS. SCREW ARE LOCATED SECOND SLOT FROM THE RIGHT ANGLE BEND PLUS PHILLIPS, LOCK WASHER & NUT. ALSO THERE IS A STUD WITH BLACK WASHER ON BOTH SIDES OF THE BRACKETS. THE BRACKETS ARE PIECES FROM P/N 121-002-00.
3. INSTALLATION KIT P/N: 200-114-00 C.
4. NON-BULKHEAD KIT P/N: 200-155-01 B.

SKZ-21 850-016-03 A OPTION

SKZ-21 SHIPS WITH AN SCZ-2 BOARD, SEE SCZ-2 COVERCHECK FOR INSPECTION.

SALES NUMBER: 900-___-___ SEE SALES SHEET FOR ACCESSORIES NEEDED.

LABEL REQUIREMENTS:

ZETACO: DISK MODULE

MODEL NO: 850-016-03

VOLTS: 230/240 VAC

Hz: 50/60

AMPS: 2

FUSE SIZE: 3 AMPS

*Do not sign off yet !!!
C = Stiffener Plate*

VISUAL:

1. SKZ-21=2 ^{slc} ~~21~~ MEGABYTE MDD'S ~~HALF HIGH~~ PN ^{200 146-05} ~~096-014-00~~ AND 2 220/240 VOLT POWER SUPPLIES P/N 200-145-03.
2. CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
3. REMOVE TRAVELLER & PUT SILVER LABEL (P/N 099-019-00) BETWEEN FAN GRILL & BLACK CONNECTOR.
4. FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO LOGO, IT ALSO STATES SCSI SUB-SYSTEM. THERE ARE 2 SQUARE LED'S, BOTH LED'S HAVE 2 WIRES ATTACHED TO THE LED, AND EACH SET OF WIRES ARE ATTACHED TO A FEMALE CONNECTOR AND THE CONNECTORS HANG LOOSE INSIDE THE DISK MODULE AND ARE NOT ATTACHED TO ANYTHING.
5. CHECK LABLING THAT IS APPLIED IN THE SUB-SYSTEM AREA.
 1. SCSI in: LEFT OF THE WHITE CONNECTOR.
 2. SCSI out: RIGHT OF THE BLACK CONNECTOR.
 3. DC GND: UNDER THE BRASS NUT.
6. VERIFY THE VOLTAGE OF 220/240 VOLTS (P/N 200-145-03 ^B) THE POWER SUPPLY MUST BE HOOKED-UP:
 - A. PIN 2 TO PIN 3 WHICH ARE THEN TERMINATED TO PIN 2 OF P1.
 - B. PIN 1 TO PIN 3 OF P1.
 - C. PIN 4 TO PIN 1 OF P1.
 - D. PIN 5 STANDS ALONE.
7. PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.

LOOSE PARTS TO SHIP:

1. 240 VOLT NON-STANDARD POWER CORD P/N 020-033-00.
2. 1 SET OF BRACKETS: NOTE ONE RIGHT & ONE LEFT WITH KEPS NUTS & SCREWS. SCREW ARE LOCATED SECOND SLOT FROM THE RIGHT ANGLE BEND PLUS PHILLIPS, LOCK WASHER & NUT. ALSO THERE IS A STUD WITH BLACK WASHER ON BOTH SIDES OF THE BRACKETS. THE BRACKETS ARE PIECES FROM P/N 121-002-00.
3. INSTALLATION KIT P/N: 200-114-00 C.
4. NON-BULKHEAD KIT P/N: 200-155-01 B.

SKZ-13 850-017-01 A OPTION

SKZ-13 SHIPS WITH AN SCZ-2 BOARD, SEE SCZ-2 COVERCHECK FOR INSPECTION.

SALES NUMBER: 900-___-___ SEE SALES SHEET FOR ACCESSORIES NEEDED.

LABEL REQUIREMENTS:

ZETACO: DISK MODULE

MODEL NO: 850-017-01 ~~A~~

VOLTS: 120 VAC

Hz: 50/60

AMPS: 4

FUSE SIZE: 6.25 AMPS

B = Stiffener plate (1/401)

VISUAL:

1. SKZ-13=1 155 MEGABYTE MDD PN 200-146-02 AND 1 120 VOLT POWER SUPPLY P/N 200-145-01.
2. CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
3. REMOVE TRAVELLER & PUT SILVER LABEL (P/N 099-019-00) BETWEEN FAN GRILL & BLACK CONNECTOR.
4. FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO LOGO, IT ALSO STATES SCSI SUB-SYSTEM. THERE ARE 2 SQUARE LED'S, BOTH LED'S HAVE 2 WIRES ATTACHED TO THE LED, AND EACH SET OF WIRES ARE ATTACHED TO A FEMALE CONNECTOR. ONE CONNECTOR HANGS LOOSE INSIDE THE DISK MODULE AND THE OTHER ONE IS ATTACHED TO THE 155 MB MDD.
5. CHECK LABLING THAT IS APPLIED IN THE SUB-SYSTEM AREA.
 1. SCSI in: LEFT OF THE WHITE CONNECTOR.
 2. SCSI out: RIGHT OF THE BLACK CONNECTOR.
 3. DC GND: UNDER THE BRASS NUT.
6. VERIFY THE VOLTAGE OF 120 VOLTS (P/N 200-145-01 ^S) THE POWER SUPPLY MUST BE HOOKED-UP:
 - A. PIN 4 TO PIN 2 WHICH ARE THEN TERMINATED TO PINS 1 & 2 OF P1.
 - B. PIN 3 TO PIN 1 WHICH ARE THEN TERMINATED TO PIN 3 OF P1.
 - C. PIN 5 STANDS ALONE.
7. PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.

LOOSE PARTS TO SHIP:

1. 120 VOLT STANDARD POWER CORD P/N 020-025-00.
2. 1 SET OF BRACKETS: NOTE ONE RIGHT & ONE LEFT WITH KEPS NUTS & SCREWS. SCREW ARE LOCATED SECOND SLOT FROM THE RIGHT ANGLE BEND PLUS PHILLIPS, LOCK WASHER & NUT. ALSO THERE IS A STUD WITH BLACK WASHER ON BOTH SIDES OF THE BRACKETS. THE BRACKETS ARE PIECES FROM P/N 121-002-00.
3. INSTALLATION KIT P/N: 200-114-00 C.
4. NON-BULKHEAD KIT P/N: 200-155-01 B.

SKZ-13 850-017-02 A OPTION

SKZ-13 SHIPS WITH AN SCZ-2 BOARD, SEE SCZ-2 COVERCHECK FOR INSPECTION.

SALES NUMBER: 900-___-___ SEE SALES SHEET FOR ACCESSORIES NEEDED.

LABEL REQUIREMENTS:

ZETACO: DISK MODULE

MODEL NO: 850-017-02 A

VOLTS: 220 VAC

Hz: 50/60

AMPS: 2

FUSE SIZE: 3 AMPS

B = stiffener plate (1/40)

VISUAL:

1. SKZ-13=1 155 MEGABYTE MDD P/N 200-146-02 AND 1 220 VOLT POWER SUPPLY P/N 200-145-02.
2. CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
3. REMOVE TRAVELLER & PUT SILVER LABEL (P/N 099-019-00) BETWEEN FAN GRILL & BLACK CONNECTOR.
4. FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO LOGO, IT ALSO STATES SCSI SUB-SYSTEM. THERE ARE 2 SQUARE LED'S, BOTH LED'S HAVE 2 WIRES ATTACHED TO THE LED, AND EACH SET OF WIRES ARE ATTACHED TO A FEMALE CONNECTOR. ONE CONNECTOR HANGS LOOSE INSIDE THE DISK MODULE AND THE OTHER ONE IS ATTACHED TO THE 155 MB MDD.
5. CHECK LABLING THAT IS APPLIED IN THE SUB-SYSTEM AREA.
 1. SCSI in: LEFT OF THE WHITE CONNECTOR.
 2. SCSI out: RIGHT OF THE BLACK CONNECTOR.
 3. DC GND: UNDER THE BRASS NUT.
6. VERIFY THE VOLTAGE OF 220 VOLTS (P/N 200-145-02 [✓] B) THE POWER SUPPLY MUST BE HOOKED-UP:
 - A. PIN 2 TO PIN 3 WHICH ARE THEN TERMINATED TO PIN 2 OF P1.
 - B. PIN 1 TO PIN 3 OF P1.
 - C. PIN 5 TO PIN 1 OF P1.
 - D. PIN 4 STANDS ALONE.
7. PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.

LOOSE PARTS TO SHIP:

1. 240 VOLT NON-STANDARD POWER CORD P/N 020-033-00.
2. 1 SET OF BRACKETS: NOTE ONE RIGHT & ONE LEFT WITH KEPS NUTS & SCREWS. SCREW ARE LOCATED SECOND SLOT FROM THE RIGHT ANGLE BEND PLUS PHILLIPS, LOCK WASHER & NUT. ALSO THERE IS A STUD WITH BLACK WASHER ON BOTH SIDES OF THE BRACKETS. THE BRACKETS ARE PIECES FROM P/N 121-002-00.
3. INSTALLATION KIT P/N: 200-114-00 C.
4. NON-BULKHEAD KIT P/N: 200-155-01 B.

SKZ-13 850-017-03 A OPTION

SKZ-13 SHIPS WITH AN SCZ-2 BOARD, SEE SCZ-2 COVERCHECK FOR INSPECTION.

SALES NUMBER: 900-___-___ SEE SALES SHEET FOR ACCESSORIES NEEDED.

LABEL REQUIREMENTS:

ZETACO: DISK MODULE

MODEL NO: 850-017-03 ~~A~~

VOLTS: 230/240 VAC *B = Steffener plate (1140)*

Hz: 50/60

AMPS: 2

FUSE SIZE: 3 AMPS

VISUAL:

1. SKZ-13=1 155 MEGABYTE MDD PN 200-146-02 AND 1 220/240 VOLT POWER SUPPLY P/N 200-145-03.
2. CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
3. REMOVE TRAVELLER & PUT SILVER LABEL (P/N 099-019-00) BETWEEN FAN GRILL & BLACK CONNECTOR.
4. FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO LOGO, IT ALSO STATES SCSI SUB-SYSTEM. THERE ARE 2 SQUARE LED'S, BOTH LED'S HAVE 2 WIRES ATTACHED TO THE LED, AND EACH SET OF WIRES ARE ATTACHED TO A FEMALE CONNECTOR. ONE CONNECTOR HANGS LOOSE INSIDE THE DISK MODULE AND THE OTHER ONE IS ATTACHED TO THE 155 MB MDD.
5. CHECK LABLING THAT IS APPLIED IN THE SUB-SYSTEM AREA.
 1. SCSI in: LEFT OF THE WHITE CONNECTOR.
 2. SCSI out: RIGHT OF THE BLACK CONNECTOR.
 3. DC GND: UNDER THE BRASS NUT.
6. VERIFY THE VOLTAGE OF 220/240 VOLTS (P/N 200-145-03 ^P~~B~~) THE POWER SUPPLY MUST BE HOOKED-UP:
 - A. PIN 2 TO PIN 3 WHICH ARE THEN TERMINATED TO PIN 2 OF P1.
 - B. PIN 1 TO PIN 3 OF P1.
 - C. PIN 4 TO PIN 1 OF P1.
 - D. PIN 5 STANDS ALONE.
7. PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.

LOOSE PARTS TO SHIP:

1. 240 VOLT NON-STANDARD POWER CORD P/N 020-033-00.
2. 1 SET OF BRACKETS: NOTE ONE RIGHT & ONE LEFT WITH KEPS NUTS & SCREWS. SCREW ARE LOCATED SECOND SLOT FROM THE RIGHT ANGLE BEND PLUS PHILLIPS, LOCK WASHER & NUT. ALSO THERE IS A STUD WITH BLACK WASHER ON BOTH SIDES OF THE BRACKETS. THE BRACKETS ARE PIECES FROM P/N 121-002-00.
3. INSTALLATION KIT P/N: 200-114-00 C.
4. NON-BULKHEAD KIT P/N: 200-155-01 B.

SKZ-23 850-018-01 A OPTION

SKZ-23 SHIPS WITH AN SCZ-2 BOARD, SEE SCZ-2 COVERCHECK FOR INSPECTION.

SALES NUMBER: 900-___-___ SEE SALES SHEET FOR ACCESSORIES NEEDED.

LABEL REQUIREMENTS:

ZETACO: DISK MODULE

MODEL NO: 850-018-01 A

VOLTS: 120 VAC

Hz: 50/60

AMPS: 4

FUSE SIZE: 6.25 AMPS

B= stiffener Plate (140)

VISUAL:

1. SKZ-23=2 155 MEGABYTE MDD'S PN 200-146-02 AND 2 120 VOLT POWER SUPPLIES P/N 200-145-01.
2. CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
3. REMOVE TRAVELLER & PUT SILVER LABEL (P/N 099-019-00) BETWEEN FAN GRILL & BLACK CONNECTOR.
4. FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO LOGO, IT ALSO STATES SCSI SUB-SYSTEM. THERE ARE 2 SQUARE LED'S, BOTH LED'S HAVE 2 WIRES ATTACHED TO THE LED, AND EACH SET OF WIRES ARE ATTACHED TO A FEMALE CONNECTOR AND EACH IS CONNECTED TO ONE OF THE 155 MB MDD'S. BLACK IS PIN ONE, PLUGS IN 1 TO 1.
5. CHECK LABLING THAT IS APPLIED IN THE SUB-SYSTEM AREA.
 1. SCSI in: LEFT OF THE WHITE CONNECTOR.
 2. SCSI out: RIGHT OF THE BLACK CONNECTOR.
 3. DC GND: UNDER THE BRASS NUT.
6. VERIFY THE VOLTAGE OF 120 VOLTS (P/N 200-145-01 ^D) THE POWER SUPPLY MUST BE HOOKED-UP:
 - A. PIN 4 TO PIN 2 WHICH ARE THEN TERMINATED TO PINS 1 & 2 OF P1.
 - B. PIN 3 TO PIN 1 WHICH ARE THEN TERMINATED TO PIN 3 OF P1.
 - C. PIN 5 STANDS ALONE.
7. PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.

LOOSE PARTS TO SHIP:

1. 120 VOLT STANDARD POWER CORD P/N 020-025-00.
2. 1 SET OF BRACKETS: NOTE ONE RIGHT & ONE LEFT WITH KEPS NUTS & SCREWS. SCREW ARE LOCATED SECOND SLOT FROM THE RIGHT ANGLE BEND PLUS PHILLIPS, LOCK WASHER & NUT. ALSO THERE IS A STUD WITH BLACK WASHER ON BOTH SIDES OF THE BRACKETS. THE BRACKETS ARE PIECES FROM P/N 121-002-00.
3. INSTALLATION KIT P/N: 200-114-00 C.
4. NON-BULKHEAD KIT P/N: 200-155-01 B.

SKZ-23 850-018-02 A OPTION

SKZ-23 SHIPS WITH AN SCZ-2 BOARD, SEE SCZ-2 COVERCHECK FOR INSPECTION.

SALES NUMBER: 900-___-___ SEE SALES SHEET FOR ACCESSORIES NEEDED.

LABEL REQUIREMENTS:

ZETACO: DISK MODULE

MODEL NO: 850-018-02 A

VOLTS: 220 VAC

Hz: 50/60

AMPS: 2

FUSE SIZE: 3 AMPS

B = stiffener plate (1140)

VISUAL:

1. SKZ-23=2 155 MEGABYTE MDD'S P/N 200-146-02 AND 2 220 VOLT POWER SUPPLIES P/N 200-145-02.
2. CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
3. REMOVE TRAVELLER & PUT SILVER LABEL (P/N 099-019-00) BETWEEN FAN GRILL & BLACK CONNECTOR.
4. FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO LOGO, IT ALSO STATES SCSI SUB-SYSTEM. THERE ARE 2 SQUARE LED'S, BOTH LED'S HAVE 2 WIRES ATTACHED TO THE LED, AND EACH SET OF WIRES ARE ATTACHED TO A FEMALE CONNECTOR AND EACH IS CONNECTED TO ONE OF THE 155 MB MDD'S. BLACK IS PIN ONE, PLUGS IN 1 TO 1.
5. CHECK LABLING THAT IS APPLIED IN THE SUB-SYSTEM AREA.
 1. SCSI in: LEFT OF THE WHITE CONNECTOR.
 2. SCSI out: RIGHT OF THE BLACK CONNECTOR.
 3. DC GND: UNDER THE BRASS NUT.
6. VERIFY THE VOLTAGE OF 220 VOLTS (P/N 200-145-02 ^C) THE POWER SUPPLY MUST BE HOOKED-UP:
 - A. PIN 2 TO PIN 3 WHICH ARE THEN TERMINATED TO PIN 2 OF P1.
 - B. PIN 1 TO PIN 3 OF P1.
 - C. PIN 5 TO PIN 1 OF P1.
 - D. PIN 4 STANDS ALONE.
7. PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.

LOOSE PARTS TO SHIP:

1. 240 VOLT NON-STANDARD POWER CORD P/N 020-033-00.
2. 1 SET OF BRACKETS: NOTE ONE RIGHT & ONE LEFT WITH KEPS NUTS & SCREWS. SCREW ARE LOCATED SECOND SLOT FROM THE RIGHT ANGLE BEND PLUS PHILLIPS, LOCK WASHER & NUT. ALSO THERE IS A STUD WITH BLACK WASHER ON BOTH SIDES OF THE BRACKETS. THE BRACKETS ARE PIECES FROM P/N 121-002-00.
3. INSTALLATION KIT P/N: 200-114-00 C.
4. NON-BULKHEAD KIT P/N: 200-155-01 B.

SKZ-23 850-018-03 A OPTION

SKZ-23 SHIPS WITH AN SCZ-2 BOARD, SEE SCZ-2 COVERCHECK FOR INSPECTION.

SALES NUMBER: 900-___-___ SEE SALES SHEET FOR ACCESSORIES NEEDED.

LABEL REQUIREMENTS:

ZETACO: DISK MODULE

MODEL NO: 850-018-03 A

VOLTS: 230/240 VAC *B = Stiffener Plate*

Hz: 50/60

AMPS: 2

FUSE SIZE: 3 AMPS

VISUAL:

1. SKZ-23=2 155 MEGABYTE MDD'S PN 200-146-02 AND 2 220/240 VOLT POWER SUPPLY P/N 200-145-03.
2. CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
3. REMOVE TRAVELLER & PUT SILVER LABEL (P/N 099-019-00) BETWEEN FAN GRILL & BLACK CONNECTOR.
4. FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO LOGO, IT ALSO STATES SCSI SUB-SYSTEM. THERE ARE 2 SQUARE LED'S, BOTH LED'S HAVE 2 WIRES ATTACHED TO THE LED, AND EACH SET OF WIRES ARE ATTACHED TO A FEMALE CONNECTOR AND EACH IS CONNECTED TO ONE OF THE 155 MB MDD'S. BLACK IS PIN ONE, PLUGS IN 1 TO 1.
5. CHECK LABLING THAT IS APPLIED IN THE SUB-SYSTEM AREA.
 1. SCSI in: LEFT OF THE WHITE CONNECTOR.
 2. SCSI out: RIGHT OF THE BLACK CONNECTOR.
 3. DC GND: UNDER THE BRASS NUT.
6. VERIFY THE VOLTAGE OF 220/240 VOLTS (P/N 200-145-03 *B*) THE POWER SUPPLY MUST BE HOOKED-UP:
 - A. PIN 2 TO PIN 3 WHICH ARE THEN TERMINATED TO PIN 2 OF P1.
 - B. PIN 1 TO PIN 3 OF P1.
 - C. PIN 4 TO PIN 1 OF P1.
 - D. PIN 5 STANDS ALONE.
7. PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.

LOOSE PARTS TO SHIP:

1. 240 VOLT NON-STANDARD POWER CORD P/N 020-033-00.
2. 1 SET OF BRACKETS: NOTE ONE RIGHT & ONE LEFT WITH KEPS NUTS & SCREWS. SCREW ARE LOCATED SECOND SLOT FROM THE RIGHT ANGLE BEND PLUS PHILLIPS, LOCK WASHER & NUT. ALSO THERE IS A STUD WITH BLACK WASHER ON BOTH SIDES OF THE BRACKETS. THE BRACKETS ARE PIECES FROM P/N 121-002-00.
3. INSTALLATION KIT P/N: 200-114-00 C.
4. NON-BULKHEAD KIT P/N: 200-155-01 B.

STANDARD SUB-ASSEMBLY WREN INSPECTION

ASSEMBLY P/N	REV	MB	WREN TYPE & NUMBER	MICRO CODE	MFG. P/N
200-201-01	A	601DF	WREN U: 94181-702D	755-5466	77777755
200-201-02	A	327DF	WREN IV: 94171-344D	N/A	77777110
200-201-03	A	330DF	WREN U: 94181-385D	803-5474	77777803

TERMINATORS:

- A. ENSURE ALL SIPS AND DIPS FROM THE THE BOTTOM OF THE WREN HAVE BEEN REMOVED.

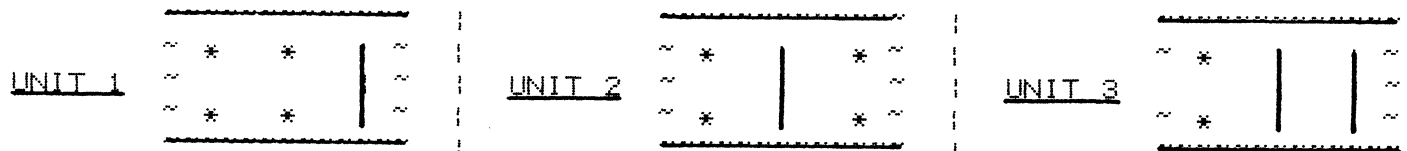
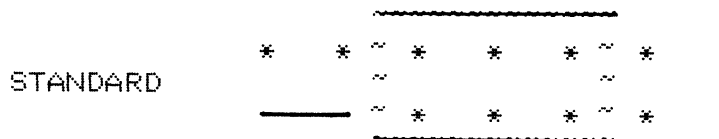
REFERENCE DRAWING NUMBER 200-201-00 A.

WIRING:

- A. THE FRONT PANEL AND THE LITTLE CLEAR LED SHOULD BE REMOVED AND THE FOLLOWING INSTALLED:
 1. BOTH ENDS OF THE RED & THE BLACK WIRES ARE CONNECTED TO MALE PINS. ONE SIDE IS CONNECTED TO THE WREN, RED IS CLOSEST TO THE EDGE OF THE WREN & THE BLACK IS INSTALLED NEXT TO THE RED WIRE. THE OTHER END IS INSTALLED INTO A 2 POSITION CONNECTOR WITH WINGS BLACK IS PIN ONE.
 2. WREN IV: USE A BAR LOCK & A CABLE TIE TO HOLD THE WIRES TO THE WREN. MAKE SURE THERE IS STRAIN RELIEF BETWEEN THE CABLE TIE & WHERE THE WIRES PLUG INTO THE WREN. THE BAR LOCK & THE CABLE TIE ARE ATTACHED TO THE SIDE OF THE WREN.
 3. WREN U: THE WIRES GO INSIDE AND STRAIGHT DOWN THE FRAME OF THE WREN. THE BAR LOCK (ITEMS 4 & 5) ARE NOT USED.

JUMPERS

- A. THE JUMPERS ON THE END OF THE WREN NEAR THE CABLE CONNECTION ARE INSTALLED AS FOLLOWS: (WITH THE CABLE CONNECTOR TOWARD YOU)
 1. THE STANDARD JUMPER CONFIGURATION IS THE TOP DRAWING. THE FOLLOWING JUMPER CONFIGURATIONS ARE DETERMINED BY THE PART NUMBER THAT IS ORDERED. **NOTE:** YOU MUST KNOW THE FINAL ASM. NUMBER BEFORE THE JUMPERS CAN BE INSPECTED.



1. 800-031-XX=STANDARD SINGLE UNIT, DO NOT USE 200-201-XX.
2. 800-030-XX=ADD-ON SINGLE UNIT, SET FOR UNIT 2 (LEFT SIDE INSTALLATION).
3. 300-032-XX=STANDARD DOUBLE UNIT, SET FOR UNIT 1 (RIGHT SIDE INSTALLATION).
4. 300-032-XX=ADD ON DOUBLE UNIT, SET THE 1ST WREN FOR UNIT 2 (LEFT SIDE INSTALLATION) AND SET THE 2ND WREN UNIT 3 (RIGHT SIDE INSTALLATION).
5. 200-201-XX=FOR SINGLE ADD ON ORDERS (CONVERTING A SINGLE UNIT OUT IN THE FIELD TO A DOUBLE UNIT. CONVERSION TO BE DONE BY THE CUSTOMER). SET WREN FOR UNIT 1.

STANDARD SUB-ASSEMBLY WREN INSPECTION

ASSEMBLY P/N	REV	MB	WREN TYPE & NUMBER	MICRO CODE	MFG. P/N
200-202-01	A	601DF	WREN U: 94181-702D	755-5466	7777755
200-202-02	A	327DF	WREN IV: 94171-344D	N/A	77777110
200-202-03	A	330DF	WREN U: 94181-385D	803-5474	77777803

TERMINATORS:

- A. ENSURE ALL SIPS AND DIPS ARE INSTALLED ON THE BOTTOM OF THE WREN.

REFERENCE DRAWING NUMBER 200-201-00 A.

WIRING:

- A. THE FRONT PANEL AND THE LITTLE CLEAR LED SHOULD BE REMOVED AND THE FOLLOWING INSTALLED:
- BOTH ENDS OF THE RED & THE BLACK WIRES ARE CONNECTED TO MALE PINS. ONE SIDE IS CONNECTED TO THE WREN, RED IS CLOSEST TO THE EDGE OF THE WREN & THE BLACK IS INSTALLED NEXT TO THE RED WIRE. THE OTHER END IS INSTALLED INTO A 2 POSITION CONNECTOR WITH WINGS BLACK IS PIN ONE.
 - WREN IV:
USE A BAR LOCK & A CABLE TIE TO HOLD THE WIRES TO THE WREN. MAKE SURE THERE IS STRAIN RELIEF BETWEEN THE CABLE TIE & WHERE THE WIRES PLUG INTO THE WREN. THE BAR LOCK & THE CABLE TIE ARE ATTACHED TO THE SIDE OF THE WREN.
 - WREN U:
THE WIRES GO INSIDE AND STRAIGHT DOWN THE FRAME OF THE WREN. THE BAR LOCK (ITEMS 4 & 5) ARE NOT USED.

JUMPERS

- A. THE JUMPERS ON THE END OF THE WREN NEAR THE CABLE CONNECTION ARE INSTALLED AS FOLLOWS: (WITH THE CABLE CONNECTOR TOWARD YOU)
- UNIT 0 IS THE ONLY WAY PART NUMBER 200-202-XX CAN BE SET.

```

          ~~~~~
          *  * ~ *  *  | ~ *  |
UNIT 0    ~          | ~     |
          ----- ~ *  *  | ~ *  |
          ~~~~~

```

- 800-031-XX=STANDARD SINGLE UNIT, SET FOR UNIT 0 (LEFT SIDE INSTALLATION).
- 300-032-XX=STANDARD DOUBLE UNIT, SET FOR UNIT 0 (LEFT SIDE INSTALLATION).

SKS-HP601, 327 & 330 OPTIONS

LABEL REQUIREMENTS: (INSTALL BETWEEN FAN & SCSI OUT CONNECTOR.)

ZETACO: DISK MODULE

MODEL NO: 800-0XX-XX X---SEE CHART BELOW;

VOLTS: 120 VAC

Hz: 50/60

AMPS: 4

FUSE SIZE: 6.25 AMPS

1. 200-201-XX IS WITH SIPS & DIPS REMOVED.
- 200-202-XX IS WITH SIPS & DIPS INSTALLED.

NOTE: DIFFERENTIAL WRENS HAVE AN EXTENDED PCB AT THE BACK OF THE WREN.

VIEW: LEFT WREN IS WITH THE FRONT PANEL TOWARDS YOU.

ASM. REV.	TITLE	PART NUMBER AND LEFT WREN	MICRO-CODE	MFG. P/N
		200-202-01 A		
800-031-01A	601 MB DF	601 MB MN=94181-702D	755-5466	77777755
		200-202-02 A		
800-031-02A	327 MB DF	327 MB MN=94171-344D	N/A	77777110
		200-202-03 A		
800-031-03A	330 MB DF	330 MB MN=94181-385D	803-5474	77777803
	ADD-ON	200-201-01 A		
800-030-01A	601 MB DF	601 MB MN=94181-702D	755-5466	77777755
	ADD-ON	200-201-02 A		
800-030-02A	327 MB DF	327 MB MN=94171-344D	N/A	77777110
	ADD-ON	200-201-03 A		
800-030-03A	330 MB DF	330 MB MN=94181-385D	803-5474	77777803

2. CHECK FOR CLEANLINESS: DUST, FINGERPRINTS ETC.
3. FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO LOGO, IT ALSO STATES SCSI SUB-SYSTEM. THERE ARE 2 SQUARE LED'S, BOTH ARE INSTALLED INTO THE WHITE FEMALE CONNECTOR (WITHOUT WINGS) AND EACH IS CONNECTED TO ONE OF THE WRENS. BLACK IS PIN ONE, PLUGS IN 1 TO 1.
4. ENSURE THERE'S NO TERMINATOR PDBD BETWEEN SCSI IN/OUT CONNECTORS.
5. VERIFY THE VOLTAGE OF 120 VOLTS (P/N 200-145-01 D) THE POWER SUPPLY MUST BE HOOKED-UP;
 - A. PIN 4 TO PIN 2 WHICH ARE THEN TERMINATED TO PINS 1 & 2 OF P1.
 - B. PIN 3 TO PIN 1 WHICH ARE THEN TERMINATED TO PIN 3 OF P1.
 - C. PIN 5 STANDS ALONE.
6. CHECK J1 THAT PN 200-203-00A IS INSTALLED WITH PIN 1 & 2 CONNECTED.
7. PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.
8. CHECK THAT BOTH SCSI IN & OUT CONNECTORS ARE WHITE.
9. ENSURE A STIFFENER PLATE IS INSTALLED. THE LIP IS TOWARD THE FRONT PANEL.
10. ENSURE ALL EMPTY HOLES ARE FILLED WITH SCREWS & NUTS.

LOOSE PARTS TO SHIP:

1. 120 VOLT STANDARD POWER CORD P/N 020-025-00.
2. 1 SET OF BRACKETS: 0P-50.
3. INSTALLATION KIT P/N: 200-114-00 C.

SKS-HP1202, 654 & 660 OPTIONS

LABEL REQUIREMENTS: (INSTALL BETWEEN FAN & SCSI OUT CONNECTOR.)

ZETACO: DISK MODULE

JDEL NO: 800-0XX-XX X---SEE CHART BELOW:

VOLTS: 120 VAC

Hz: 50/60

AMPS: 4

FUSE SIZE: 6.25 AMPS

1. 200-201-XX IS WITH SIPS & DIPS REMOVED.
- 200-202-XX IS WITH SIPS & DIPS INSTALLED.

NOTE: LEFT & RIGHT WREN IS WITH THE FRONT PANEL TOWARDS YOU

ASM. REV.	TITLE	PART NUMBER AND LEFT WREN	PART NUMBER AND RIGHT WREN	MICRO- CODE
		200-202-01 A	200-201-01 A	
800-032-01A	1202 MB DF	601 MB MN=94181-702D	601 MB MN=94181-702D	755-5466
		200-202-02 A	200-201-02 A	
800-032-02A	654 MB DF	327 MB MN=94171-344D	327 MB MN=94171-344D	N/A
		200-202-03 A	200-201-03 A	
800-032-03A	660 MB DF	330 MB MN=94181-385D	601 MB MN=94181-385D	803-5474
	ADD-ON	200-201-01 A	200-201-01 A	
800-029-01A	1202 MB DF	601 MB MN=94181-702D	601 MB MN=94181-702D	755-5466
	ADD-ON	200-201-02 A	200-201-02 A	
800-029-02A	654 MB DF	327 MB MN=94171-344D	327 MB MN=94171-344D	N/A
	ADD-ON	200-201-03 A	200-201-03 A	
800-029-03A	660 MB DF	330 MB MN=94181-385D	601 MB MN=94181-385D	803-5474

MFG. PART NUMBER=77777755 FOR 200-202-01 & 200-201-01.

=77777110 FOR 200-202-02 & 200-201-02.

=77777803 FOR 200-202-03 & 200-201-03.

NOTE: DIFFERENTIAL WRENS HAVE AN EXTENDED PCB AT THE BACK OF THE WREN.

2. CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
3. FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO LOGO, IT ALSO STATES SCSI SUB-SYSTEM. THERE ARE 2 SQUARE LED'S, BOTH ARE INSTALLED INTO THE WHITE FEMALE CONNECTOR (WITHOUT WINGS) AND EACH IS CONNECTED TO ONE OF THE WRENS. BLACK IS PIN ONE, PLUGS IN 1 TO 1.
4. ENSURE THERE'S NO TERMINATOR PDBD INSTALLED BETWEEN SCSI IN/OUT CONNECTORS.
5. VERIFY THE VOLTAGE OF 120 VOLTS (P/N 200-145-01 D) THE POWER SUPPLY MUST BE HOOKED-UP:
 - A. PIN 4 TO PIN 2 WHICH ARE THEN TERMINATED TO PINS 1 & 2 OF P1.
 - B. PIN 3 TO PIN 1 WHICH ARE THEN TERMINATED TO PIN 3 OF P1.
 - C. PIN 5 STANDS ALONE.
6. PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.
7. CHECK THAT BOTH CONNECTORS ARE WHITE.
8. ENSURE A STIFFENER PLATE IS INSTALLED. THE LIP IS TOWARD THE FRONT PANEL.

LOOSE PARTS TO SHIP:

1. 120 VOLT STANDARD POWER CORD P/N 020-025-00.
2. 1 SET OF BRACKETS: QP-50.
3. INSTALLATION KIT P/N: 200-114-00 C.

MODEL MDD (WREN III) AND LD1200

SALES NUMBER: 900-022-01 A 120VAC
900-022-02 A 220/240VAC

> baseline 3 III 2/12
B=obsolete

CUSTOMER CONFIGURATION FOR: G.E. MEDICAL

As soon as we ship a IV - no more III's

CHECK BEFORE COVER INSPECTION REFERENCE
HISTORY

ODSS:

1. CONFIGURATION SHEET: MUST BE OPTICAL DISK SUB-SYSTEM (ODSS).
2. STANDARD DESCRIPTION: ODSS (OPTICAL DISK SUBSYSTEM).

WREN III: 850-007-00E

1. LARGE SILVER LABEL P/N 099-019-00.
ZETACO MDD LOCATION: PUT ON THE BACK OF THE MDD CASE UNDER THE FUSE.
MODEL NO 850-007-00
SERIAL NO C
VOLTS 120 HZ 60
AMPS 1.5 FUSE 2A.

2. ASM. REV.: 850-007-00 E 60 Hz/120V.
CONNECT PINS BETWEEN 4-2 & 3-1.

* WREN III: CHECK FOR -155, MEANS 155 MEGABYTE.

3. FILL OUT THE Q.A. SUBSYSTEM INFORMATION SHEET FOR THE ODSS AS YOU INSPECT.

4. WREN III ENCLOSURE:
 1. 300-148-00 CABLE.
 2. RED SQUARE LED.
 3. BLUE FRONT PANEL WITHOUT ZETACO LOGO.
 4. BRASS NUT ON THE BACK OF THE ENCLOSURE.
 5. CHECK FUSE FOR 2 AMPS.

6. Make sure you have ground cables - 600 wire in MDD

LD1200: SERIALIZE USING THE LD1200 MFG. S/N USE ZETACO'S ASM. REV. USE SMALL SILVER LABEL P/N 099-009-00

new # 900-101-00 - Baseline 4-IV 2/12

1. ASM REV'S: LD1200 60 HZ/120V: ~~901-435-00 B.~~ 800-016-00A
LD1200 50 HZ 230/240V: ~~901-435-01 B.~~ 800-016-00
obsolete 800-016-00B - 20 EPROMS ECO 1192
2. OSI MANUAL: NO!!!!
3. LD1200 FRONT PANEL: FRONT PANEL IS WHITE WITHOUT ZETACO LOGO.
4. ACCESSORIES: SEE Q.A.'S SUBSYSTEM INFORMATION SHEET.
5. CHECK FOR CORRECT EPROMS: 75119294-00
75110915-07
75110917-07

6. USE BLUE LABELS PER UNIT SEE EXAMPLE BELOW FOR 2 ODSS SYSTEMS.
CODE=MONTH, DATE, SUBSYSTEM QTY. 1 OF 3 01151 1 OF 3 01152
2 OF 3 01151 2 OF 3 01152
3 OF 3 01151 3 OF 3 01152 ETC.

7. SELECT PLUGS: CONTROL 1-3 IN BAG, 0 ON DRIVE. 1 BLANK SELECT PLUG ON DRIVE. NONE OF THE BUTTONS CAN BE PUSHED IN.

Prepare labels before going to Subsystemance 3-1-88

MODEL MDD (WREN III) AND LD1200 1 for LD1200

1 for MAP

SALES NUMBER: 900-101-00 A (BASE LINE IV)

CUSTOMER CONFIGURATION FOR: G.E. MEDICAL

CHECK BEFORE COVER INSPECTION REFERENCE

ODSS:

- 1. CONFIGURATION SHEET: MUST BE OPTICAL DISK SUB-SYSTEM (ODSS).
- 2. STANDARD DESCRIPTION: ODSS (OPTICAL DISK SUBSYSTEM).

WREN III:

Add jumpers to parts list

1. ASM. REV.: 850-007-00 ~~FF~~ 60 Hz/120V.
CONNECT PINS BETWEEN 4-2 & 3-1.

2. LARGE SILVER LABEL P/N 099-019-00.
 ZETACO MDD LOCATION: PUT ON THE BACK OF THE
 MODEL NO 850-007-00 MDD CASE (FAN FACING
 SERIAL NO C YOU) IN THE UPPER
 VOLTS 120 HZ 60 RIGHT CORNER.
 AMPS 1.5 FUSE 2A.

3. WREN III: CHECK FOR -155. MEANS 155 MEGABYTE.

4. FILL OUT THE Q.A. SUBSYSTEM INFORMATION SHEET FOR THE ODSS AS YOU INSPECT.

5. WREN III ENCLOSURE:

- 1. 300-148-03 CABLE.
- 2. RED SQUARE LED.
- 3. BLUE FRONT PANEL WITHOUT ZETACO LOGO.
- 4. BRASS ~~SCREW~~ ON THE BACK OF THE ENCLOSURE.
- 5. CHECK FUSE FOR 2 AMPS.
- 6. SHIP 1 GROUND CABLES PER UNIT P/N 300-171-01.
- 7. MDD MUST USE ONLY 600V LEAD WIRE ON THE INSIDE OF THE MDD.

(1) 200-114-00

Only send 1 ground cable w/ a single mdd order.

LD1200: SERIALIZE USING THE LD1200 MFG. S/N USE ZETACO'S ASM. REV. USE SMALL SILVER LABEL P/N 099-009-00.

901-435-00

SHIP BASE LINE IV ONLY!!!!!!
(procedure fix)

*✓ switch on back
must be down
for 10 lower deck
CD1192*

- 1. ASM REV'S: LD1200 800-016-00 *A.B C = 05 E proms*
- 2. OSI MANUAL: NO!!!!!!
- 3. LD1200 FRONT PANEL: FRONT PANEL IS WHITE WITHOUT ZETACO LOGO.
- 4. ACCESSORIES: SEE Q.A'S SUBSYSTEM INFORMATION SHEET.
- 5. CHECK FOR CORRECT EPROMS: 75119294-00
75110915-07
75110917-07

Ed Rev 5-2 labels for 11

6. USE BLUE LABELS PER UNIT SEE EXAMPLE BELOW FOR 2 ODSS SYSTEMS.
CODE=MONTH, DATE, SUBSYSTEM QTY.

1 OF 3	01151	1 OF 3	01152
2 OF 3	01151	2 OF 3	01152
3 OF 3	01151	3 OF 3	01152

ETC.

7. SELECT PLUGS: CONTROL 1-3 IN BAG, 0 ON DRIVE. 1 BLANK SELECT PLUG ON DRIVE. NONE OF THE BUTTONS CAN BE PUSHED IN.

8. *MUST ship 1 ground cable 300-171-01 → ship with 900 number*

CUSTOMER CONFIGURATION FOR: G.E. MEDICAL

CHECK BEFORE COVER INSPECTION REFERENCE

ODSS:

1. CONFIGURATION SHEET: MUST BE OPTICAL DISK SUB-SYSTEM (ODSS).
2. STANDARD DESCRIPTION: ODSS (OPTICAL DISK SUBSYSTEM).

WREN III:

1. ASM. REV.: 850-007-00 ~~R~~ 60 Hz/120V.
CONNECT PINS BETWEEN 4-2 & 3-1. ~~200-139-00~~
 2. LARGE SILVER LABEL P/N 099-019-00.
ZETACO MDD LOCATION: PUT ON THE BACK OF THE
MODEL NO 850-007-00 ____ MDD CASE (FAN FACING
SERIAL NO C _____ YOU) IN THE UPPER
VOLTS 120 HZ 60 RIGHT CORNER.
AMPS 1.5 FUSE 2A.
 3. ~~FILL OUT THE O.A. SUBSYSTEM INFORMATION SHEET FOR THE ODSS AS YOU INSPECT.~~
 4. WREN III ENCLOSURE:
 1. 300-148-03 CABLE.
 2. RED SQUARE LED. *77774620*
 3. BLUE FRONT PANEL WITHOUT ZETACO LOGO.
 4. BRASS NUT ON THE BACK OF THE ENCLOSURE.
 5. CHECK FUSE FOR 2 AMPS.
 6. WREN III: CHECK FOR -155, MEANS 155 MEGABYTE. ~~300-148-03~~ *(note 94161-155)*
 7. ACCESSORIES: SEE QA'S SUBSYSTEM INFORMATION SHEET.
- power supply = 200-139-00*
- Type LEDs*
- filter on front panel*

LD1200: SERIALIZE USING THE LD1200 MFG. S/N USE ZETACO'S ASM. REV.
USE SMALL SILVER LABEL P/N 099-009-00.

SHIP BASE LINE IV ONLY!!!!

1. ASM REV'S: LD1200 800-016-00 C. C=BASELINE IV WITH REV. 5 EEPROMS.
2. OSI MANUAL: NO!!!!
3. LD1200 FRONT PANEL: FRONT PANEL IS WHITE WITHOUT ZETACO LOGO.
4. ACCESSORIES: SEE O.A.'S SUBSYSTEM INFORMATION SHEET.
5. ~~APPLY A RED TAG TO THE OUTSIDE OF EACH LD1200 BOX THAT STATES IN LARGE BLACK LETTERING: Rev. 5z.~~
6. USE BLUE LABELS PER UNIT SEE EXAMPLE BELOW FOR 2 ODSS SYSTEMS.
CODE=MONTH, DATE, SUBSYSTEM QTY. 1 OF 3 01151 1 OF 3 01152
2 OF 3 01151 2 OF 3 01152
3 OF 3 01151 3 OF 3 01152 ETC.
7. SELECT PLUGS: CONTROL 1-3 IN BAG, 0 ON DRIVE. 1 BLANK SELECT
PLUG ON DRIVE. NONE OF THE BUTTONS CAN BE PUSHED IN.
write Protect Button must be modified upper right hand corner
8. SWITCH ON THE BACK "0" MUST BE DOWN.

CUSTOMER CONFIGURATION FOR: G.E. MEDICAL

CHECK BEFORE COVER INSPECTION REFERENCE

ODSS:

- 1. CONFIGURATION SHEET: MUST BE OPTICAL DISK SUB-SYSTEM (ODSS).
- 2. STANDARD DESCRIPTION: ODSS (OPTICAL DISK SUBSYSTEM).

MDD:

- 1. ASM. REV.: 850-007-00 F 60 Hz/120V.
- 2. LARGE SILVER LABEL P/N 099-019-00.
ZETACO MDD
MODEL NO 850-007-00 ____.
SERIAL NO C ____
VOLTS 120 ____ HZ 60
AMPS 1.5 FUSE 2A.

LOCATION: PUT ON THE BACK OF THE MDD CASE (FAN FACING TOWARD YOU) IN THE UPPER RIGHT HAND CORNER.

4. POWER SUPPLY P/N:

- A. ASM REV.: 200-139-00 C.
- B. 120 VOLT: CONNECT 4-2 & 3-1.

5. INTERNAL CABLE: 300-148-03 B.

6. FRONT PANEL HAS A SQUARE LED, THE COLOR IS BLUE & NO SILKSCREEN. CHECK FOR FILTER IN THE FRONT PANEL.

7. BRASS SCREW AT THE BACK OF THE CASE.

8. CHECK FUSE FOR 2 AMPS.

WREN III: MN=94161-155. MFG PN=77774620. ZETACO PN MUST NOT BE ON THE DRIVE.

LD1200: SERIALIZE USING THE LD1200 MFG. S/N USE ZETACO'S ASM. REV.
 USE SMALL SILVER LABEL P/N 099-009-00. SILVER LABEL: MODEL LD1200
 ASM 800-016-00C
 S/N USE MFG S/N

SHIP BASE LINE IV ONLY!!!!!!

- 1. ASM REV'S: LD1200 800-016-00 C. C=BASELINE IV WITH REV. 5 EEPROMS.
- 2. OSI MANUAL: NO!!!!!!
- 3. LD1200 FRONT PANEL: FRONT PANEL IS WHITE WITHOUT ZETACO LOGO.
- 4. USE BLUE LABELS PER UNIT SEE EXAMPLE BELOW FOR 2 ODSS SYSTEMS.
 CODE=MONTH, DATE, SUBSYSTEM QTY. 1 OF 3 01151 1 OF 3 01152
 2 OF 3 01151 2 OF 3 01152
 3 OF 3 01151 3 OF 3 01152 ETC.
- 5. SELECT PLUGS: CONTROL 1-3 IN BAG, 0 ON DRIVE. 1 BLANK SELECT PLUG ON DRIVE. NONE OF THE BUTTONS CAN BE PUSHED IN. CHECK WRITE PROTECT BUTTON FOR MODIFICATION, UPPER RIGHT HAND CORNER IS CUT OFF ON THE INSIDE (CLEAR PLASTIC PART).
- 6. SWITCH ON THE BACK "0" MUST BE DOWN.

SKS-HP1202, 654 & 660 OPTIONS

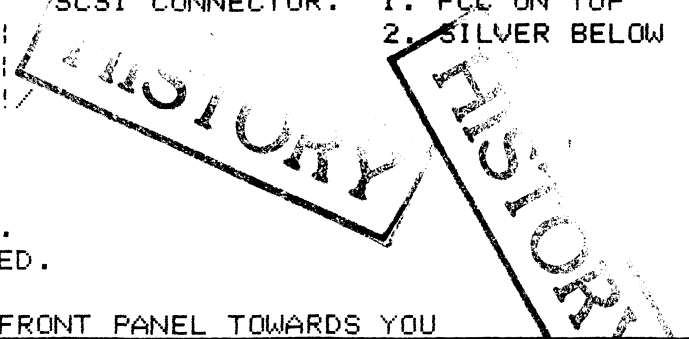
1. USE SKS SERIAL LOG SHEET.

LABEL REQUIREMENTS: LARGE SILVER LABEL PN 099-019-00 & FCC LABEL PN 099-027-00A

UNITS X,X
ZETACO: DISK MODULE
MODEL NO: 800-0XX-XX X
VOLTS: 120 VAC
Hz: 50/60
AMPS: 4
FUSE SIZE: 6.25 AMPS

--SEE CHART BELOW!

LOCATION: INSTALL BETWEEN FAN & SCSI CONNECTOR. 1. FCC ON TOP
2. SILVER BELOW



- 200-201-XX IS WITH SIPS & DIPS REMOVED.
200-202-XX IS WITH SIPS & DIPS INSTALLED.

NOTE: LEFT & RIGHT WREN IS WITH THE FRONT PANEL TOWARDS YOU

ASM. REV.	TITLE	PART NUMBER AND LEFT WREN	PART NUMBER AND RIGHT WREN	MICRO-CODE
800-032-01B	1202 MB DF	200-202-01 <i>e D-sys</i> 601 MB MN=94181-702D	200-201-01 <i>e D</i> 601 MB MN=94181-702D	755-0293 755-5466
800-032-02B	654 MB DF	200-202-02 B 327 MB MN=94171-344D	200-201-02 B 327 MB MN=94171-344D	N/A
800-032-03B	660 MB DF	200-202-03 <i>e D-sys</i> 330 MB MN=94181-385D	200-201-03 <i>e D</i> 601 MB MN=94181-385D	803-0297 803-5474
800-029-01B	ADD-ON 1202 MB DF	200-201-01 <i>e D-sys</i> 601 MB MN=94181-702D	200-201-01 <i>e D</i> 601 MB MN=94181-702D	755-5466
800-029-02B	ADD-ON 654 MB DF	200-201-02 B 327 MB MN=94171-344D	200-201-02 B 327 MB MN=94171-344D	N/A
800-029-03B	ADD-ON 660 MB DF	200-201-03 <i>e D-sys</i> 330 MB MN=94181-385D	200-201-03 <i>e D</i> 601 MB MN=94181-385D	803-5474

MFG. PART NUMBER=77777755 FOR 200-202-01 & 200-201-01. *Raw Pin = 096-052-01A*
 =77777110 FOR 200-202-02 & 200-201-02. *↓ = 096-057-00A*
 =77777803 FOR 200-202-03 & 200-201-03. *↓ = 096-053-01A*

NOTE: DIFFERENTIAL WRENS HAVE AN EXTENDED PCB AT THE BACK OF THE WREN.
2 units Ref Drawings:

- 2400010 IC: THIS MUST BE NOTED ON A TAG ON EACH DRIVE.
- CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
- FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO LOGO, IT ALSO STATES SCSI DISK SUB-SYSTEM. THERE ARE 2 SQUARE LED'S, BOTH ARE INSTALLED INTO THE WHITE FEMALE CONNECTOR (WITHOUT WINGS) AND EACH IS CONNECTED TO ONE OF THE WRENS. BLACK IS PIN ONE, PLUGS IN 1 TO 1.
- ENSURE THERE'S NO TERMINATOR PDBD INSTALLED BETWEEN SCSI IN/OUT CONNECTORS.
- POWER SUPPLY: VARYIFY THE VOLTAGE OF 120 VOLTS (P/N 200-145-01 D).
 A. PIN 4 TO PIN 2 WHICH ARE THEN TERMINATED TO PINS 1 & 2 OF P1.
 B. PIN 3 TO PIN 1 WHICH ARE THEN TERMINATED TO PIN 3 OF P1.
 C. PIN 5 STANDS ALONE.
- PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.
- ENSURE A STIFFENER PLATE IS INSTALLED. THE LIP IS TOWARD THE FRONT PANEL.

LOOSE PARTS TO SHIP:

- 120 VOLT STANDARD POWER CORD P/N 020-025-00.
- 1 SET OF BRACKETS: QP-50.
- INSTALLATION KIT P/N: 200-114-00 C.

601 327 330
 SKS-HP1-202, 354 & 358 OPTIONS

1. USE SKS SERIAL LOG SHEET.

LABEL REQUIREMENTS: LARGE SILVER LABEL PN 099-019-00 & FCC LABEL PN 099-027-00A

UNIT: X 10
ZETACO: DISK MODULE
MODEL NO: 800-0XX-XX X --SEE CHART BELOW
VOLTS: 120 VAC
Hz: 50/60
AMPS: 4
FUSE SIZE: 6.25 AMPS

LOCATION: INSTALL BETWEEN FAN & SCSI CONNECTOR.

1. FCC ON TOP
2. SILVER BELOW

2. 200-201-XX IS WITH SIPS & DIPS REMOVED.
 200-202-XX IS WITH SIPS & DIPS INSTALLED.

VIEW: LEFT WREN IS WITH THE FRONT PANEL TOWARDS YOU.

ASM. REV.	TITLE	PART NUMBER AND LEFT WREN	MICRO-CODE	MFG. P/N	Row PIN 04/10
c	601 MB DF	200-202-01 ep=sys 601 MB MN=94181-702D	755-293	77777755	046 -
		200-202-02 B			
	327 MB DF	327 MB MN=94171-344D	N/A	77777110	
c	330 MB DF	200-202-03 ep=sys 330 MB MN=94181-385D	803-0297	77777803	
	ADD-ON	200-201-01 ep=sys			
c	601 MB DF	601 MB MN=94181-702D	755-5466	77777755	
	ADD-ON	200-201-02 B			
	327 MB DF	327 MB MN=94171-344D	N/A	77777110	
c	ADD-ON	200-201-03 ep=sys			
	330 MB DF	330 MB MN=94181-385D	803-5474	77777803	

NOTE: DIFFERENTIAL WRENS HAVE AN EXTENDED PCB AT THE BACK OF THE WREN.

- 2400010 IC: THIS MUST BE NOTED ON A TAG ON THE DRIVE.
- CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
- FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO LOGO, IT ALSO STATES SCSI DISK SUB-SYSTEM. THERE ARE 2 SQUARE LED'S, BOTH ARE INSTALLED INTO THE WHITE FEMALE CONNECTOR (WITHOUT WINGS) AND ONE IS CONNECTED TO ONE OF THE WRENS THE OTHER HANGS LOOSE. BLACK IS PIN ONE, PLUGS IN 1 TO 1.
- ENSURE THERE'S NO TERMINATOR PDBD INSTALLED BETWEEN SCSI IN/OUT CONNECTORS.
- POWER SUPPLY: VERIFY THE VOLTAGE OF 120 VOLTS (P/N 200-145-01 D).
 - PIN 4 TO PIN 2 WHICH ARE THEN TERMINATED TO PINS 1 & 2 OF P1.
 - PIN 3 TO PIN 1 WHICH ARE THEN TERMINATED TO PIN 3 OF P1.
 - PIN 5 STANDS ALONE.
- CHECK J1 THAT PN 200-203-00A IS INSTALLED WITH PIN 1 & 2 CONNECTED.
- ENSURE ALL EMPTY HOLES ARE FILLED WITH SCREWS & NUTS.

LOOSE PARTS TO SHIP:

- 120 VOLT STANDARD POWER CORD P/N 020-025-00.
- 1 SET OF BRACKETS: QP-50.
- INSTALLATION KIT P/N: 200-114-00 C.

SEAGATE CROSS REFERENCE

November 15, 1990

<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>OLD MODEL NO.</u>	<u>NEW MODEL NO.</u>
096-001-00	300MB DRIVE	94171-300	ST4350N
096-052-00	WRENV-D,702	94181-702D	ST4702ND
096-052-01	WNV-D,702-5YR	94181-702D	ST4702ND
096-053-00	WRENV-D,330	94181-385D	ST4385ND
096-053-01	WNV-D,702-5YR	94181-385D	ST4385ND
096-054-00	WREN702,EXTDW	94181-702	ST4702N
096-055-00	WREN V,702	94181-702	ST4702N
096-056-00	WREN 385	94181-385H	ST4385N
096-059-00	WREN VII	94601-12G	ST41200N
096-064-00	WREN VII-D	94601-12D	ST41200ND

SKS-HP1202, 654 & 660 OPTIONS

1. USE SKS SERIAL LOG SHEET.

LABEL REQUIREMENTS: LARGE SILVER LABEL PN 099-019-00 & FCC LABEL PN 099-027-00A

UNITS X,X	LOCATION: INSTALL BETWEEN FAN &
ZETACO: DISK MODULE	SCSI CONNECTOR. 1. FCC ON TOP
MODEL NO: 800-0XX-XX X	2. SILVER BELOW
VOLTS: 120 VAC	
Hz: 50/60	
AMPS: 4	
FUSE SIZE: 6.25 AMPS	

2. 200-201-XX IS WITH SIPS & DIPS REMOVED.
200-202-XX IS WITH SIPS & DIPS INSTALLED.

NOTE: LEFT & RIGHT WREN IS WITH THE FRONT PANEL TOWARDS YOU

ASM. REV.	TITLE	PART NUMBER AND LEFT WREN	PART NUMBER AND RIGHT WREN	MICRO-CODE
		200-202-01 D <i>OR 514702ND</i>	200-201-01 D	
800-032-01C	1202 MB DF	601 MB MN=94181-702D	601 MB MN=94181-702D	755-0293
		200-202-02 B	200-201-02 B	
800-032-02B	654 MB DF	327 MB MN=94171-344D	327 MB MN=94171-344D	N/A
		200-202-03 D	200-201-03 D	
800-032-03C	660 MB DF	330 MB MN=94181-385D	601 MB MN=94181-385D	803-0297
	ADD-ON	200-201-01 D	200-201-01 D	
800-029-01C	1202 MB DF	601 MB MN=94181-702D	601 MB MN=94181-702D	755-0293
	ADD-ON	200-201-02 B	200-201-02 B	
800-029-02B	654 MB DF	327 MB MN=94171-344D	327 MB MN=94171-344D	N/A
	ADD-ON	200-201-03 D	200-201-03 D	
800-029-03C	660 MB DF	330 MB MN=94181-385D	601 MB MN=94181-385D	803-0297

FOR UNITS DESCRIPTION SEE NEXT PAGE.---->

MFG. PART NUMBER=77777755 FOR 200-202-01 & 200-201-01. RAW PN=096-052-01 *A.*
 =77777110 FOR 200-202-02 & 200-201-02. RAW PN=096-057-00 *A.*
 =77777803 FOR 200-202-03 & 200-201-03. RAW PN=096-053-01 *A/B*

NOTE: DIFFERENTIAL WRENS HAVE AN EXTENDED PCB AT THE BACK OF THE WREN.

- CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
- FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO LOGO, IT ALSO STATES SCSI DISK SUB-SYSTEM. THERE ARE 2 SQUARE LED'S, BOTH ARE INSTALLED INTO THE WHITE FEMALE CONNECTOR (WITHOUT WINGS) AND EACH IS CONNECTED TO ONE OF THE WRENS. BLACK IS PIN ONE, PLUGS IN 1 TO 1.
- ENSURE THERE'S NO TERMINATOR PDBD INSTALLED BETWEEN SCSI IN/OUT CONNECTORS.
- POWER SUPPLY: VERIFY THE VOLTAGE OF 120 VOLTS (P/N 200-145-01 D).
A. PIN 4 TO PIN 2 WHICH ARE THEN TERMINATED TO PINS 1 & 2 OF P1.
B. PIN 3 TO PIN 1 WHICH ARE THEN TERMINATED TO PIN 3 OF P1.
C. PIN 5 STANDS ALONE.
- PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.
- ENSURE A STIFFENER PLATE IS INSTALLED. THE LIP IS TOWARD THE FRONT PANEL.

LOOSE PARTS TO SHIP:

- 120 VOLT STANDARD POWER CORD P/N 020-025-00.
- 1 SET OF BRACKETS: QP-50.
- INSTALLATION KIT P/N: 200-114-00 C.

SETTING JUMPERS FOR UNITS 0-3

STANDARD

```

          ~~~~~
          *   * ~ *   *   * ~ *   |
          ~   ~
          ----- ~ *   *   * ~ *   |
          ~~~~~
    
```

<p>UNIT 0</p> <pre> ~~~~~ ~ * * * ~ ~ ~ * * * ~ ~~~~~ </pre>	<p>UNIT 1</p> <pre> ~~~~~ ~ * * ~ ~ ~ * * ~ ~~~~~ </pre>
<p>UNIT 2</p> <pre> ~~~~~ ~ * * ~ ~ ~ * * ~ ~~~~~ </pre>	<p>UNIT 3</p> <pre> ~~~~~ ~ * ~ ~ ~ * ~ ~~~~~ </pre>

REV. CHANGES FOR SKS-HP1202, 654 & 660

NOTE: BOARD, MANUAL & TAPE ARE BEING REFERENCED ON THIS CHART. FOR ECO REV. HISTORY FOR THESE 3 PRODUCTS SEE THE APPROPRIATE BOARD CHART FOR REV. CHANGES. REASON FOR CHANGE FOR MANUAL & TAPE ARE LISTED ON THE SCZ-3XX REV. CHART(S).

ECO	ASM. REV.	REASON FOR CHANGE:
		RELEASE DOUBLE SKS-HP SUB-SYSTEMS
	800-032-01 A	SKS-HP1202 INCLUDES 200-202-01 A & 200-201-01 A, WREN V.
	800-032-02 A	SKS-HP654 INCLUDES 200-202-02 A & 200-201-02 A, WREN IV.
	800-032-03 A	SKS-HP660 INCLUDES 200-202-03 A & 200-201-03 A, WREN V.
	ADD-ON UNITS	THE NEXT 3 SKS UNITS ARE ADD ON UNIT PART NUMBERS:
----	800-029-01 A	SKS-HP1202 INCLUDES 200-202-01 A & 200-201-01 A, WREN V.
	800-029-02 A	SKS-HP654 INCLUDES 200-202-02 A & 200-201-02 A, WREN IV.
	800-029-03 A	SKS-HP660 INCLUDES 200-202-03 A & 200-201-03 A, WREN V.
	600-470-00 A	SKS-HP MANUAL
	500-472-00 C	SCZ-3 BOARD.
	400-458-00 B	SCZ-3 TAPE
	CLASS C	IMPROVE SECTION ON INITIALIZER & CONFIGURATOR PROGRAMS AND
1287	600-470-00 B	MAKE MINOR CORRECTIONS THROUGH-OUT MANUAL 600-470-00 A TO B
	CLASS C	
	200-201-00 B	
	200-201-01 B	FIX PARTS LIST AND ASSEMBLY DRAWING. 200-201-00 A TO B,
1370	200-201-03 B	200-201-01 A TO B & 200-201-03 A TO B.
	CLASS C	
	200-202-00 B	
	200-202-01 B	FIX PARTS LIST AND ASSEMBLY DRAWING. 200-202-00 A TO B,
1371	200-202-03 B	200-202-01 A TO B & 200-202-03 A TO B.
	CLASS C	
	500-483-00 C	REPLACE SCZ-3 BD. (500-472-00) WITH SCZ-3.1 500-483-00 C.
	400-480-00 B	REPLACE SCZ-3 TAPE (400-458-00) WITH SCZ-3.1 400-480-00 B
	800-029-00-03B	ADD FCC CERTIFICATION LABEL TO SKS ENCLOSURES (099-027-00A)
1386	800-032-00-03B	
	CLASS B1	FIX BUS ARBITRATION PROBLEM CHANGE EMULEX IC FROM 2400138
	200-201-01 C	TO 2400010. THIS ALSO CHANGES THE RAW MAT'L PN ON THE WRENS
	200-201-03 C	REPLACE 096-030-00 WITH 096-052-00.
	200-202-01 C	REPLACE 096-030-00 WITH 096-052-00.
1435	200-202-03 C	REPLACE 096-031-00 WITH 096-053-00.
	CLASS B1	THESE DRIVES SHOULD HAVE BEEN INCLUDED IN ECO 1435.
	200-201-02 B	REPLACE 096-032-00 WITH 096-057-00.
1445	200-202-02 B	REPLACE 096-032-00 WITH 096-057-00.
	CLASS C	
	500-492-00 B	REPLACE SCZ-3.1 BD. (500-483-00) WITH SCZ-3.2 500-492-00 B.
1450	400-496-00 A	REPLACE SCZ-3.1 TAPE (400-480-00) WITH SCZ-3.2 400-496-00 A
	CLASS B1	CHANGE WARRENTY FROM 1 YR TO 5 YRS ON 601MB & 330 MB WRENS.
	200-201-01 D	THIS ALSO CHANGES THE RAW MAT'L PN ON THE WRENS.
	200-201-03 D	REPLACE 096-052-00 WITH 096-052-01.
	200-202-01 D	REPLACE 096-053-00 WITH 096-053-01.
	200-202-03 D	REPLACE 096-052-00 WITH 096-052-01.
	800-029-01 C	REPLACE 096-053-00 WITH 096-053-01.
	800-029-03 C	THIS ALSO CHANGES THE FINAL ASSEMBLY REV.
	800-032-01 C	
306	800-032-03 C	

SKS-HP601, 327 & 330 OPTIONS

1. USE SKS SERIAL LOG SHEET.

LABEL REQUIREMENTS: LARGE SILVER LABEL PN 099-019-00 & FCC LABEL PN 099-027-00A

UNIT X	LOCATION: INSTALL BETWEEN FAN &
ZETACO: DISK MODULE	SCSI CONNECTOR. 1. FCC ON TOP
MODEL NO: 800-0XX-XX X	2. SILVER BELOW
VOLTS: 120 VAC	
Hz: 50/60	✓/✓
AMPS: 4	
FUSE SIZE: 6.25 AMPS	

2. 200-201-XX IS WITH SIPS & DIPS REMOVED.
200-202-XX IS WITH SIPS & DIPS INSTALLED.

VIEW: LEFT WREN IS WITH THE FRONT PANEL TOWARDS YOU.

ASM. REV.	TITLE	PART NUMBER AND LEFT WREN	MICRO-CODE	RAW MAT'L P/N 096-	MFG. P/N
		200-202-01 D			
800-031-01C	601 MB DF	601 MB MN=94181-702D	755-0293	052-01 A	77777755
		200-202-02 B			
800-031-02B	327 MB DF	327 MB MN=94171-344D	N/A	057-00 A	77777110
		200-202-03 D			
800-031-03C	330 MB DF	330 MB MN=94181-385D	803-0297	053-01 A	77777803
	ADD-ON	200-201-01 D			
800-030-01C	601 MB DF	601 MB MN=94181-702D	755-0293	052-01 A	77777755
	ADD-ON	200-201-02 B			
800-030-02B	327 MB DF	327 MB MN=94171-344D	N/A	057-00 A	77777110
	ADD-ON	200-201-03 D			
800-030-03C	330 MB DF	330 MB MN=94181-385D	803-0297	053-01 A	77777803

FOR UNITS DESCRIPTION SEE NEXT PAGE----->

NOTE: DIFFERENTIAL WRENS HAVE AN EXTENDED PCB AT THE BACK OF THE WREN.

- CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
- FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO LOGO, IT ALSO STATES SCSI DISK SUB-SYSTEM. THERE ARE 2 SQUARE LED'S, BOTH ARE INSTALLED INTO THE WHITE FEMALE CONNECTOR (WITHOUT WINGS) AND ONE IS CONNECTED TO ONE OF THE WRENS THE OTHER HANGS LOOSE. BLACK IS PIN ONE, PLUGS IN 1 TO 1.
- ENSURE THERE'S NO TERMINATOR PDBD INSTALLED BETWEEN SCSI IN/OUT CONNECTORS.
- POWER SUPPLY: VERIFY THE VOLTAGE OF 120 VOLTS (P/N 200-145-01 D).
 - PIN 4 TO PIN 2 WHICH ARE THEN TERMINATED TO PINS 1 & 2 OF P1.
 - PIN 3 TO PIN 1 WHICH ARE THEN TERMINATED TO PIN 3 OF P1.
 - PIN 5 STANDS ALONE.
- CHECK J1 THAT PN 200-203-00A IS INSTALLED WITH PIN 1 & 2 CONNECTED.
- ENSURE ALL EMPTY HOLES ARE FILLED WITH SCREWS & NUTS.

LOOSE PARTS TO SHIP:

- 120 VOLT STANDARD POWER CORD P/N 020-025-00.
- 1 SET OF BRACKETS: QP-50.
- INSTALLATION KIT P/N: 200-114-00 C.

SETTING JUMPERS FOR UNITS 0-3

STANDARD

```

          ~~~~~
          *   * ~ *   *   * ~ *   |
          ~   ~
          ----- ~ *   *   * ~ *   |
          ~~~~~
    
```

<p>UNIT 0</p> <pre> ~~~~~ ~ * * * ~ ~ ~ * * * ~ ~~~~~ </pre>	<p>UNIT 1</p> <pre> ~~~~~ ~ * * ~ ~ ~ * * ~ ~~~~~ </pre>
<p>UNIT 2</p> <pre> ~~~~~ ~ * * ~ ~ ~ * * ~ ~~~~~ </pre>	<p>UNIT 3</p> <pre> ~~~~~ ~ * ~ ~ ~ * ~ ~~~~~ </pre>

REV. CHANGES FOR SKS-HP601, 327 & 330

NOTE: BOARD, MANUAL & TAPE ARE BEING REFERENCED ON THIS CHART. FOR ECO REV. HISTORY FOR THESE 3 PRODUCTS SEE THE APPROPRIATE BOARD CHART FOR REV. CHANGES. REASON FOR CHANGE FOR MANUAL & TAPE ARE LISTED ON THE SCZ-3XX REV. CHART(S).

ECO	ASM. REV.	REASON FOR CHANGE:
		RELEASE DOUBLE SKS-HP SUB-SYSTEMS
	800-031-01 A	SKS-HP601 INCLUDES 200-202-01 A & 200-201-01 A, WREN V.
	800-031-02 A	SKS-HP327 INCLUDES 200-202-02 A & 200-201-02 A, WREN IV.
	800-031-03 A	SKS-HP330 INCLUDES 200-202-03 A & 200-201-03 A, WREN V.
	ADD-ON UNITS	THE NEXT 3 SKS UNITS ARE ADD ON UNIT PART NUMBERS:
----	800-030-01 A	SKS-HP601 INCLUDES 200-202-01 A & 200-201-01 A, WREN V.
	800-030-02 A	SKS-HP327 INCLUDES 200-202-02 A & 200-201-02 A, WREN IV.
	800-030-03 A	SKS-HP330 INCLUDES 200-202-03 A & 200-201-03 A, WREN V.
	600-470-00 A	SKS-HP MANUAL
	500-472-00 C	SCZ-3 BOARD.
	400-458-00 B	SCZ-3 TAPE
	CLASS C	IMPROVE SECTION ON INITIALIZER & CONFIGURATOR PROGRAMS AND
1287	600-470-00 B	MAKE MINOR CORRECTIONS THROUGH-OUT MANUAL 600-470-00 A TO B
	CLASS C	
	200-201-00 B	
	200-201-01 B	FIX PARTS LIST AND ASSEMBLY DRAWING. 200-201-00 A TO B,
1370	200-201-03 B	200-201-01 A TO B & 200-201-03 A TO B.
	CLASS C	
	200-202-00 B	
	200-202-01 B	FIX PARTS LIST AND ASSEMBLY DRAWING. 200-202-00 A TO B,
1371	200-202-03 B	200-202-01 A TO B & 200-202-03 A TO B.
	CLASS C	
	500-483-00 C	REPLACE SCZ-3 BD. (500-472-00) WITH SCZ-3.1 500-483-00 C.
	400-480-00 B	REPLACE SCZ-3 TAPE (400-458-00) WITH SCZ-3.1 400-480-00 B
	800-030-00-03B	ADD FCC CERTIFICATION LABEL TO SKS ENCLOSURES (099-027-00A)
1386	800-031-00-03B	
		FIX BUS ARBITRATION PROBLEM CHANGE EMULEX IC FROM 2400138
	CLASS B1	TO 2400010. THIS ALSO CHANGES THE RAW MAT'L PN ON THE WRENS
	200-201-01 C	REPLACE 096-030-00 WITH 096-052-00.
	200-201-03 C	REPLACE 096-031-00 WITH 096-053-00.
	200-202-01 C	REPLACE 096-030-00 WITH 096-052-00.
1435	200-202-03 C	REPLACE 096-031-00 WITH 096-053-00.
	CLASS B1	THESE DRIVES SHOULD HAVE BEEN INCLUDED IN ECO 1435.
	200-201-02 B	REPLACE 096-032-00 WITH 096-057-00.
1445	200-202-02 B	REPLACE 096-032-00 WITH 096-057-00.
	CLASS C	
	500-492-00 B	REPLACE SCZ-3.1 BD. (500-483-00) WITH SCZ-3.2 500-492-00 B.
1450	400-496-00 A	REPLACE SCZ-3.1 TAPE (400-480-00) WITH SCZ-3.2 400-496-00 A
		CHANGE WARRENTY FROM 1 YR TO 5 YRS ON 601MB & 330 MB WRENS.
	CLASS B1	THIS ALSO CHANGES THE RAW MAT'L PN ON THE WRENS.
	200-201-01 D	REPLACE 096-052-00 WITH 096-052-01.
	200-201-03 D	REPLACE 096-053-00 WITH 096-053-01.
	200-202-01 D	REPLACE 096-052-00 WITH 096-052-01.
	200-202-03 D	REPLACE 096-053-00 WITH 096-053-01.
	800-030-01 C	THIS ALSO CHANGES THE FINAL ASSEMBLY REV.
	800-030-03 C	
	800-031-01 C	
306	800-031-03 C	

HISTORY

9-13-90

SUBSYSTEM: SKT-1300WD

Remove all Dates

CUSTOMER CONFIGURATION FOR: WORLD ONLY!

CHECK BEFORE COVER INSPECTION REFERENCE

1. STANDARD DESCRIPTION: SKT-1300^{WD} (WORLD DESK TOP).
2. SILVER LABEL: YES. SKT-1300 & ISSUE A "C____" NUMBER.
3. ASM. REV.: 200-263-00 A.
4. USE THE STANDARD SERIAL NUMBER SHEET.

unit 0 = 00...

SPECIAL INSTRUCTIONS FOR SKT-1300

1. THE RANCHO SN VS. THE DAT DRIVE SN IS WRITTEN ON ONE STICKER AND WAS PLACED ON THE BACK OF THE UNIT DURING INPROCESS INSPECTION. VERIFY THESE SN NUMBERS TO THE THE SERIAL NUMBERS WRITTEN ON THE TRAVELER.
2. ISSUE "C" SN'S AND WRITE THESE SN'S ON EACH TRAVELER. AS YOU PUT ON EACH SILVER LABEL ON EACH UNIT, PULL OFF THE RANCHO/DAT DRIVE SN STICKER AND STICK IT ON THE CORRESPONDING TRAVELER. *Put Unit 0 Sticker above Silver label*
3. VERIFY THAT ALL INFORMATION ON THE TRAVELER IS CORRECT AND THAT ALL SPACES HAVE BEEN FILLED OUT. SIGN AND MAKE 1 COPY OF EACH TRAVELER. FILE THE ORIGINAL AND ATTACH THE COPIES TO THE QA CARD.
4. THE FIRMWARE REV.'S OF THE DAT DRIVE ARE:

BOTTOM=0B.10	<u>OR</u>	B.10	<u>OR</u>	C.01
REAR=0B.0E	<u>OR</u>	B.E	<u>OR</u>	C.06
SIDE=0B.7.FF	<u>OR</u>	B.7.FF	<u>OR</u>	C.02
5. CHECK THE BOTTOM OF THE UNIT FOR 4 RUBBER FEET AND FOUR SCREWS (THAT HOLD THE RANCHO BOARD IN PLACE).
6. PEEK INSIDE EACH UNIT TO VERIFY THAT THERE IS A RANCHO BOARD INSTALLED.
7. **DO NOT** INSTALL ANY ZETACO LOGO OR ANY FCC STICKER ON THE UNIT!!!!!!!!!!.
8. CHECK UNIT FOR SCRATCHES, IF UNIT IS BADLY SCRATCHED, SEE RICK KNUTSON.
9. IF THE UNIT IS DIRTY OR HAS A LOT OF FINGERPRINTS, WASH IT WITH WINDEX.

SHIPPED LOOSE:

1. POWER CORD.
2. DAT MANUAL. TITLE=HP 35450A SCSI DDS-FORMAT DRIVE

*Don't ship to World
They have a master that
they copy.*

6850 Shady Oak Road
Eden Prairie, Minnesota 55344 U.S.A.
Tel: (612) 941-1395
Phone (612) 941-9480

TO: ~~Richard Knudson~~ X 612-941-1395

CC: Dick Russ
Gary Becker
Bill Bartholow
Jerry Haralson



FROM: Tim Ring

DATE: 9-12-90

SUBJ: HP 35450A DAT tape drives

HP has come out with new firmware which solves a hard read error problem with the 35450A DAT tape drive. All drives shipped to World Computer must have this new firmware installed. The drives that World Computer already has need to have this new firmware installed. This can be done by World Computer if we ship the new firmware to them. Other customers which already have drives need not update to the newer firmware unless they are seeing hard read errors or possibly other types of unexplainable errors.

The 40 pin EPROM on the lower board may be visible from the top of the drive with the top cover removed. If it is not visible from the top, then the bottom board must be removed. This is done by removing the top and bottom covers, removing the board in the rear of the drive, unplugging the board on the side, and removing the board on the bottom. Note that the board on the side has a cable plugged into it. This cable should remain plugged into the board.

The chip may be labeled as:

HP35450A	<u>or</u>	C1500
BUFFER <u>OB.10</u>		89013
		<u>B.10</u>

The 32 pin EPROM on the rear board with the SCSI connector may be visible from the top of the drive with the top cover removed or from the rear through one of the slots in the case. If it is not visible, then the board must be removed. This is done by pulling the board up.

The chip may be labeled as:

HP35450A	<u>or</u>	C1500
SCSI <u>OB.E</u>		89023
		<u>B.E</u>

The 28 pin EPROM on the side board may be visible from the top of the drive with the top cover removed. If it is not visible from the top, then the board must be unplugged. This is done by pulling the board up but not all the way out. There is a cable plugged into this board.

The chip may be labeled as:

HP35450A	<u>or</u>	C1500
SYSCON <u>OB.7.FF</u>		89412
		<u>B.7FF</u>

After these firmware revision levels are determined you might want to place a label on the top cover of the drive to record the revision levels.

D.H. Firmware
Bottom C.C.T
Rear B.E
Side C.C.T

PULL PRINT

DATE: 9-13-90

1. PRODUCT NAME: SKT-1300WD. OR PRODUCT NAME: SKT-1300D
 2. ASSEMBLY, REV: 200-263-00 REV. A ASSEMBLY, REV: 200-268-00 REV. A

FIRST INSPECTION: *New Style: 200 296 00 A OR 200 297 00 A } world SGG 124-218-00*
No more Rancho Bd SKT-1300D SKT-1300WD }

1. THE ASSEMBLER MUST ISSUE A TRAVELER TO THIS UNIT BEFORE YOU CAN DO IN-PROCESS INSPECTION.
2. VERIFY THE SERIAL NUMBERS ON THE DAT DRIVE AND ON THE RANCHO BOARD WERE TRANSFERRED CORRECTLY ONTO THE TRAVELER AND THESE NUMBERS HAVE BEEN WRITTEN ON A STICKER AND STUCK ONTO THE BACK OF THE ENCLOSURE.
3. VERIFY THE FIRMWARE REV'S OF THE DAT DRIVE TO THE REV.'S WRITTEN ON THE TRAVELER. THESE REV'S ARE WRITTEN ON A STICKER & IS STUCK ON THE TOP OF THE DAT DRIVE.
4. CHECK THE FOLLOWING ASSEMBLY REVS. ON THE TRAVELER:
 1. 124-174-00 A (RANCHO BOARD)
 2. 124-175-00 A (DAT TAPE DRIVE)
 3. 124-170-00 A (EVEREST ENCLOSURE)

S.E. memo sockets w/ SPS
Diff. is no sockets, no pins
for SPS.

Remove all 12 terminators on the Rancho board. On the DAT drive be sure the 3 SIPS are installed. If you were not issued a Rancho board, the SIPS on the DAT drive must be removed because this is a single ended application. To configure the drive, enable pins P and T. Pins 0, 1 and 2 are used to configure the unit number. For unit 0, all pins are disabled. For unit 1, pin 0 would be enabled and the others disabled. The pin numbers represent powers of 2.

NEAR ONE OF THE GREY CONNECTORS.

If no RANCHO Bd all SIPS 000. sheet:

8. SKT-1300WD: NO ZETACO LOGO AND NO FCC LABEL.
SKT-1300D: CHECK FOR ZETACO LOGO PN 124-068-00 & FCC LABEL PN 099-027-00.

2ND INSPECTION:

units
 0 = 1111
 1 = 1111
 2 = 1111
 3 = 11011

CHECK THE FOLLOWING: VIEW=FROM THE BACK END.

1. RANCHO BD=GREY CONNECTOR WITH MISSING SIPS IS ON YOUR RIGHT.
2. 300-240-01 A: TO DRIVE, PIN 1=LEFT (WHITE), THEN PIN 2 (BLACK), THEN PIN 3 (BLACK) AND THEN PIN 4 (RED). TO THE RANCHO BOARD, LOOKING IN FROM THE LEFT SIDE, UNDER THE DAT DRIVE, PIN 4 1ST=RED, PIN 3 NEXT=BLACK, PIN 2 NEXT=BLACK, PIN 1 LAST=WHITE. THE MIDDLE CONNECTION GOES TO A CABLE FROM THE ENCLOSURE. THE WHITE LEAD FROM 300-240-00 IS CONNECTED TO THE YELLOW LEAD OF THE DRIVE CABLE. BOTH THE WHITE LEAD AND THE YELLOW LEAD=PIN 1.
3. 300-241-01 A: TO THE DRIVE, PIN 1=RIGHT SIDE. TO THE LEFT SIDE OF THE RANCHO BOARD, PIN 1=TOWARD YOU.
4. 300-243-00 A: TO THE RIGHT GREY CONNECTOR IN THE RANCHO BOARD, PIN 1 IS TOWARD YOU. THE CABLE HAS 2 CONNECTORS THAT GO TO A BACK PLATE IN THE BACK OF THE UNIT. PIN 1=UP. BE SURE THIS BACK PLATE DOES NOT HAVE ANY CUT OUT HOLES IN IT.
4. BE SURE THE GROUND CABLE HAS BEEN REMOVE. IT IS (WAS) LOCATED ON THE LEFT SIDE, IT IS BLACK & FLAT 1/4" WIDE BY 7 1/2".

**Specification
Control
Drawing**

REVISION RECORD

REV	ECO	DESCRIPTION	DRFT	DATE	CHKD	APPR
A	1665	RELEASE	d1t	12/90	WJM	JMB

Approved Vendor

HEWLETT PACKARD
P/N HP-35450A-00
WITH DIFF SCSI PCB
P/N HP-DIFF/DAT/00

HP35450A
DIGITAL DATA STORAGE
(DDS) TAPE DRIVE
5½" FORM-FACTOR
DIFFERENTIAL SCSI I/F

DEC 27 1990



**DIMENSIONS ARE IN INCHES
UNLESS OTHERWISE SPECIFIED**

Tolerances:
3Place ±.005 2Place ±.01 Angles ±30°

© 1990, Zetaco, Inc.

TITLE

DRIVE, TAPE, DAT, DIFF

DO NOT SCALE DRAWING

DWN

DOCUMENT NO.

REV.

This document contains confidential proprietary information of Zetaco, Inc. Neither the document or information therein is to be reproduced, distributed, used or disclosed, either in whole or in part except as specifically authorized by Zetaco, Inc.

CKD WJM

ENG JMB

MFG

APPR

124-218-00

A

SCALE

SHEET 1 OF 1

SUBSYSTEM: SKT-1300W (DESK TOP)
SKT-1300WD (WORLD DESK TOP)

H.P. Final Inspection Sheet

CUSTOMER CONFIGURATION FOR: ALL CUSTOMERS & WORLD'S SPECIAL OPTION.

CHECK BEFORE COVER INSPECTION REFERENCE

- STANDARD DESCRIPTION: SKT-1300D (DESK TOP).
SKT-1300WD (WORLD DESK TOP)
- SILVER LABEL: YES. SKT-1300D OR SKT-1300WD & ISSUE A "C" NUMBER.
(099-009-00) LOCATE AT THE BACK OF THE UNIT ABOVE THE PLUG.
- ASM. REV.'S: SKT-1300D ASM=200-296-00 *A.B.S. for ReB*
SKT-1300WD ASM=200-297-00 *A.B.S. sheet New Final inspection sheet*
- USE THE STANDARD SERIAL NUMBER SHEET.

*800-0157-00A
800-0158-00A
Sheet*

SPECIAL INSTRUCTIONS FOR SKT-1300

- ISSUE "C" SN'S AND WRITE THESE SN'S ON EACH TRAVELER. AS YOU PUT ON EACH SILVER LABEL ON EACH UNIT, PULL OFF THE DAT DRIVE SN STICKER AND STICK IT ON THE CORRESPONDING TRAVELER.
- VERIFY THAT ALL INFORMATION ON THE TRAVELER IS CORRECT AND THAT ALL SPACES HAVE BEEN FILLED OUT. SIGN AND MAKE 1 COPY OF EACH TRAVELER. FILE THE ORIGINAL AND ATTACH THE COPIES TO THE OA CARD.
- THE FIRMWARE REV.'S OF THE DAT DRIVE ARE: BOTTOM=C.1
REAR=C.6
SIDE=C.2
- THE FOLLOWING THE THE DIFFERENCE BETWEEN SKT-1300D & SKT-1300WD.

unit 0 = 11:00

Type unit 0

UNIT 0

200-296-00 SKT-1300D

THIS OPTION RECEIVES 2 STICKERS.

- ZETACO LOGO (124-068-00) APPLIED AT THE FRONT OF THE UNIT LOWER RIGHT CORNER.
- FCC LABEL (099-027-00) APPLIED AT THE BACK OF THE ABOVE THE PLUG, UPPER *Left* ~~RIGHT~~ HAND CORNER.

200-297-00 SKT-1300WD

THIS OPTION IS FOR THE CUSTOMER "WORLD". THE WORLD OPTION DOES NOT RECEIVE THE ZETACO LOGO OR THE FCC LABEL.

- CHECK UNIT FOR SCRATCHES, IF UNIT IS BADLY SCRATCHED, SEE RICK KNUTSON.
- IF THE UNIT IS DIRTY OR HAS A LOT OF FINGERPRINTS, WASH IT WITH WINDEX.
- CHECK THE BOTTOM OF THE UNIT FOR 4 RUBBER FEET.

SHIPPED LOOSE:

- POWER CORD.
- DAT MANUAL. TITLE=HP 35450A SCSI
DDS-FORMAT DRIVE
DO NOT SHIP THIS MANUAL TO WORLD, (THEY HAVE THERE OWN MASTER)
ONLY SHIP THIS MANUAL IF AVAILABLE.

SKT-1300 REVISION LEVELS

ECO	ASM. REV.	REASON FOR CHANGE:
		RELEASE OF THE DIFFERENTIAL DAT DRIVE SKT-1300.
	200-296-00 A	SKT-1300D DESKTOP
1665	200-297-00 A	SKT-1300WD WORLD DESKTOP
	class C	
71837	600-509-00 B	update manual add Wangdat 2000 SKT 2600.
	class C.	
1828	200-296-00 B	change serial code on both P/O's to M4 (make inactive)
	200-297-00 B	Start used using Wangdat drive instead of H.P.
		ref P/O's 800-0157-00 SKT-1300D & 800-0158-00A SKT1300WD

SKT-1300 DA

is the same as

SKT-1300 D

D = Desktop

A = Add on

6850 Shady Oak Road
Eden Prairie, Minnesota 55344 U.S.A.
Tel: (612) 941-1395
Phone (612) 941-9480

TO: ~~Richard Knudson~~ CC:

Dick Russ
Gary Becker
Bill Bartholow
Jerry Haralson



FROM: Tim Ring

DATE: 9-12-90

SUBJ: HP 35450A DAT tape drives

HP has come out with new firmware which solves a hard read error problem with the 35450A DAT tape drive. All drives shipped to World Computer must have this new firmware installed. The drives that World Computer already has need to have this new firmware installed. This can be done by World Computer if we ship the new firmware to them. Other customers which already have drives need not update to the newer firmware unless they are seeing hard read errors or possibly other types of unexplainable errors.

The 40 pin EPROM on the lower board may be visible from the top of the drive with the top cover removed. If it is not visible from the top, then the bottom board must be removed. This is done by removing the top and bottom covers, removing the board in the rear of the drive, unplugging the board on the side, and removing the board on the bottom. Note that the board on the side has a cable plugged into it. This cable should remain plugged into the board.

The chip may be labeled as:

HP35450A	<u>or</u>	C1500
BUFFER <u>OB.10</u>		89013
		<u>B.10</u>

The 32 pin EPROM on the rear board with the SCSI connector may be visible from the top of the drive with the top cover removed or from the rear through one of the slots in the case. If it is not visible, then the board must be removed. This is done by pulling the board up.

The chip may be labeled as:

HP35450A	<u>or</u>	C1500
SCSI <u>OB.E</u>	<u>OB.OE</u>	89023
		<u>B.E</u>

The 28 pin EPROM on the side board may be visible from the top of the drive with the top cover removed. If it is not visible from the top, then the board must be unplugged. This is done by pulling the board up but not all the way out. There is a cable plugged into this board.

The chip may be labeled as:

HP35450A	<u>or</u>	C1500
SYSCON <u>OB.7.FF</u>		89412
		<u>B.7FF</u>

After these firmware revision levels are determined you might want to place a label on the top cover of the drive to record the revision levels.

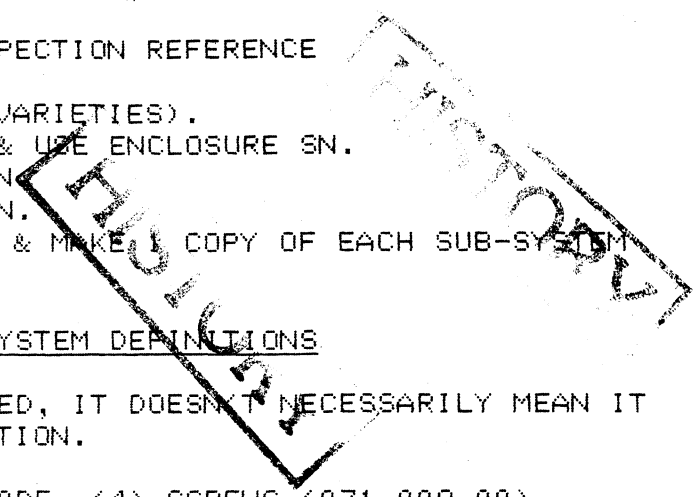
bezels 1 on each tab
No more than 2" apart.

SUBSYSTEM: SKM

5-7-90

CHECK BEFORE COVER INSPECTION REFERENCE

- 1. STANDARD DESCRIPTION: SKM-XXXX. (ALL VARIETIES).
- 2. SILVER LABEL: YES, PN=099-009-00. SKM & USE ENCLOSURE SN.
- 3. ASM. REV.: 200-217-00 *02=110 VOLT OPTION*
200-251-00 A=220 VOLT OPTION.
- 4. SERIAL LOG SHEET: USE REGULAR SN SHEET & MAKE 1 COPY OF EACH SUB-SYSTEM TRAVELER.



EXABYTES, WRENS & SUBSYSTEM DEFINITIONS

WHEN THIS PN'S 800-057,058,059-00 ARE ORDERED, IT DOESN'T NECESSARILY MEAN IT IS TO BE INSTALLED, SEE OA CARD FOR INFORMATION.

- 1. 800-059-00^C = (1) 096-036-01 EXABYTE 8200DF, (4) SCREWS (071-008-00).

(1) 124-076-00 (1) 124-075-03

IF AN EXABYTE IS ORDERED VERIFY THE FOLLOWING INFORMATION AGAINST THE TRAVELER THEN WRITE THIS INFORMATION ON THE SERIAL LOG SHEET.

- A. MS PROM OR MX PROM (RECORD WHICH ONE IT IS): 425A.
- B. RM: 722002-A09
- C. SV PROM: B019
- D. VERIFY UNIT 0 OR UNIT 1. UNIT 0=ALL DOWN, UNIT 1=#1 UP 2,3 DOWN.

200-217-00 & 200-251-00

For 200-217-00 Unit 3 is 1st tape 1 on, unit 2 = 2nd tape 2 up.

- 2. IF WRENS ARE ORDERED VERIFY THE SUB-ASSEMBLY SEE 200 NUMBER FINAL INSPECTION SHEET. VERIFY WHAT WAS ORDERED IS WHAT YOU HAVE:

- A. 800-057-00C = (1) 200-201-03D, (1) 300-172-01C & (4) 071-008-00.
- B. 800-058-00C = (1) 200-201-01D, (1) 300-172-01C & (4) 071-008-00.

3. SKM SUB-SYSTEMS:

- A. SKM-1231=900-195-00 C. ✓
- B. SKM-1232=900-196-00 C. ✓
- C. SKM-1244=900-197-00 B. ✓
- D. SKM-1331=900-198-00 B. ✓
- E. SKM-1332=900-199-00 B.
- D. SKM-1344=900-200-00 A. SEE PARTS LISTS
- E. SKM-1301=800-057-00 C. ✓ THAT FOLLOW THIS
- F. SKM-1302=800-058-00 C. ✓ FINAL INSPECTION
- G. SKM-1304=800-059-00 B. ✓ FORM.
- H. SKM-1901=~~800-030-00~~ B. *900-256-00*

I SKM-1333 = 900-254-00 A

SPECIAL INSTRUCTIONS FOR SKM-XXXX *J. SKM-1233 = 900-253-00*

*SKM-1251
SKM-1252
SKM-1253*

- 1. INSTALL THE ZETACO LOGO STICKER ON THE FRONT OF THE UNIT IN THE RECESSED SQUARE PROVIDED. (PN=099-035-00 A).
- 2. PUT THE FCC STICKER (099-027-00 A) ON THE BACK OF THE UNIT BETWEEN THE PLUG AND THE CABLE CONNECTORS. NOTE THE SILVER LABEL GOES UNDER THE FCC LABEL.
- 3. CHECK FOR INSULATOR PLUGS AT ALL UNUSED POSITIONS PN=300-237-00 A ON CABLE 300-227-00. *OR 300-249-00 - for sec 5 units*
- 4. CHECK FOR THE LOOP JUMPER AT THE BACK OF THE UNIT, IT IS LOCATED LEFT OF THE PLUG.
- 5. CHECK VOLTAGE ON THE BACK OF THE UNIT FOR 110 V. *OR 220V which ever was ordered.*
- 6. GREY SLIDES ARE ATTACHED.
- 7. CHECK UNIT FOR SCRATCHES, IF UNIT IS BADLY SCRATCHED, SEE RICK KNUTSON.
- 8. IF THE UNIT IS DIRTY OR HAS A LOT OF FINGERPRINTS, WASH IT WITH WINDEX.

SHIPPED LOOSE:

- 1. POWER CORD: COMES WITH UNIT. FOR 220 VOLT POWER CORD MUST BE STRIPPED BACK.
- 2. HARDWARE KIT (MISC. NUTS & BOLTS AND 2 SMALL BRASS SLIDES).

*3. If tape is covered
step 124-076-00*

CHECK BEFORE COVER INSPECTION REFERENCE

- 1. STANDARD DESCRIPTION: SKM-~~XXXX~~ (ALL VARIETIES LISTED ON THE NEXT PAGE).
- 2. SILVER LABEL: YES, PN=099-009-00. SKM & USE ENCLOSURE SN.
- 3. ASM. REV.: 200-217-00 ~~00~~ = 110 VOLT OPTION. *F&H = put slide back in enclosure*
200-251-00 ~~00~~ = 220 VOLT OPTION. *0 to 0 E = obsolete*
- 4. SERIAL LOG SHEET: USE REGULAR SN SHEET & MAKE 1 COPY OF EACH SUB-SYSTEM TRAVELER.

Remove all Dates

EXABYTES, WRENS & SUBSYSTEM DEFINITIONS

141

WHEN THIS PN'S 800-057,058,059,112-00 ARE ORDERED, IT DOESN'T NECESSARILY MEAN IT IS TO BE INSTALLED, SEE DA CARD FOR INFORMATION. ALSO VERIFY THAT WHAT YOU YOU HAVE IS WHAT IS ORDERED.

- 1. 800-059-00 ~~00~~ *CPE* (1) 096-036-01 EXABYTE 8200DF, (4) SCREWS (071-008-00).
(1) 124-076-00 8 MM CLEANING KIT, (1) 124-075-03 8MM TAPE
~~(1) 124-226-00~~

IF AN EXABYTE IS ORDERED VERIFY THE FOLLOWING INFORMATION:

- A. MS PROM OR MX PROM (RECORD WHICH ONE IT IS): 425A. *pff. drive*
- B. RW: 722002-A09 *Does not have sockets to the left of the*
- C. SV PROM: B019 *open connector*
- D. VERIFY UNIT 0 OR UNIT 1. UNIT 0=ALL DOWN, UNIT 1=#1 UP 2,3 DOWN.

- 2. IF WRENS ARE ORDERED VERIFY THE SUB-ASSEMBLY SEE 200 NUMBER FINAL INSPECTION SHEET. NOTE: FOR 800-112-00 SEE STEP 3.
 - A. 800-057-00 ~~00~~ (1) 200-201-03D, (1) 300-172-01D & (4) 071-008-00A. *(1) 124-226-00*
 - B. 800-058-00 ~~00~~ (1) 200-201-01D, (1) 300-172-01D & (4) 071-008-00A. "
 - C. 800-112-00 ~~00~~ (1) 200-271-00A, (1) 300-172-01D & (4) 071-008-00A. "
 - D. ~~800-141-00 00~~ (1) 200-292-00A (1) 300-172-01D (4) 071-008-00A "
- 3. 200-271-00 A: ~~B~~ ZETACO'S PN:096-064-00 B

OLD MN=94601-12GD NOTE: THERE ISN'T AN EXTENDED PCB ON THE BACK OF THIS DIFF. UNIT.
NEW MN=ST41200ND
MC=458-1250

200-292-00 AB
MC=504-2590 OR 503-2590
75901503
941004 7709464
941004 7709464
MC=941004/002 OR 75901504
MC=ST4076700
Zet PN=096-067-00 A

MFG. PN=77709458 OR *New mfg PN=939002-002*
SPECIAL INSTRUCTIONS FOR SKM-XXXX

- 1. INSTALL THE ZETACO LOGO STICKER ON THE FRONT OF THE UNIT IN THE RECESSED SQUARE PROVIDED. (PN=099-035-00 A).
- 2. PUT THE FCC STICKER (099-027-00 A) ON THE BACK OF THE UNIT BETWEEN THE PLUG AND THE CABLE CONNECTORS. NOTE THE SILVER LABEL GOES UNDER THE FCC LABEL.
- 3. CHECK FOR INSULATOR PLUGS AT ALL UNUSED POSITIONS PN=300-237-00 A ON CABLE 300-227-00.
- 4. CHECK FOR THE LOOP JUMPER AT THE BACK OF THE UNIT, LOCATED LEFT OF THE PLUG *Model # on back of unit: DABD. Label = 115/230 or 20/240 VAC. Switch = 115 or flips to 230.*
- 5. CHECK VOLTAGE ON THE BACK OF THE UNIT FOR ~~110 V OR 220V~~. CHECK MFG LABEL AND FUSE HOLDER. NOTE: FUSE HOLDER MAY READ 100 INSTEAD OF 110. *Label reads 115V instead of 110.*
- 6. GREY SLIDES ARE ATTACHED.
- 7. CHECK UNIT FOR SCRATCHES, IF UNIT IS BADLY SCRATCHED, SEE RICK KNUTSON. IF THE UNIT IS DIRTY OR HAS A LOT OF FINGERPRINTS, WASH IT WITH WINDEX. CHECK FOR BEZEL: ONE ON EACH TAB & NO MORE THAN 2" APART.
- 11. *All unused black slides (where wrens/exabytes are located are removed) installed*

SHIPPED LOOSE

- 1. POWER CORD: COMES WITH UNIT. ~~FOR 220 VOLT POWER CORD MUST BE STRIPPED BACK~~
- 2. HARDWARE KIT (MISC. NUTS & BOLTS AND 2 SMALL BRASS SLIDES).
- 3. IF EXABYTE IS ORDERED ALSO SEND (1) 124-076-00 8MM CLEANING KIT & (1) 124-075-03 8MM TAPE.
- 4. *max 3 cables to per system*

CHECK BEFORE COVER INSPECTION REFERENCE

1. STANDARD DESCRIPTION: SKM-XXXX. (ALL VARIETIES LISTED ON THE NEXT PAGE).
2. SILVER LABEL: YES, PN=099-009-00. SKM & USE ENCLOSURE SN.
3. ASM. REV.: 200-281-00 ~~BA~~=110 VOLT OPTION. *CB Mod PCB again = DE Slides installed again*
200-282-00 ~~BA~~=220 VOLT OPTION. *CP = obsolete =*
4. SERIAL LOG SHEET: USE REGULAR SN SHEET & MAKE 1 COPY OF EACH SUB-SYSTEM TRAVELER.

Remove all Data

EXABYTES, WRENS & SUBSYSTEM DEFINITIONS

WHEN THIS PN'S 800-057,058,059,112-00 ARE ORDERED, IT DOESN'T NECESSARILY MEAN IT IS TO BE INSTALLED, SEE QA CARD FOR INFORMATION. ALSO VERIFY THAT WHAT YOU YOU HAVE IS WHAT IS ORDERED.

1. 800-059-00 ~~0~~ *EXE* (1) 096-036-01 EXABYTE 8200DF, (4) SCREWS (071-008-00).
(1) 124-076-00 8 MM CLEANING KIT, (1) 124-075-03 8MM TAPE

IF AN EXABYTE IS ORDERED VERIFY THE FOLLOWING INFORMATION:

- A. MS PROM OR MX PROM (RECORD WHICH ONE IT IS): 425A.
- B. RW: 722002-A09
- C. SV PROM: B019
- D. VERIFY UNIT 3 OR UNIT 2. UNIT 3=#1 & #2 ON, UNIT 2=#2 ON.

2. IF WRENS ARE ORDERED VERIFY THE SUB-ASSEMBLY SEE 200 NUMBER FINAL INSPECTION SHEET. NOTE: FOR 800-112-00 SEE STEP 3.

- A. 800-057-00 ~~1-0~~ *1-0* (1) 200-201-03D, (1) 300-172-01D & (4) 071-008-00A.
- B. 800-058-00 ~~1-0~~ *1-0* (1) 200-201-01D, (1) 300-172-01D & (4) 071-008-00A.
- C. 800-112-00 ~~1-0~~ *1-0* (1) 200-271-00A, (1) 300-172-01D & (4) 071-008-00A.

3. 200-271-00 A: ZETACO'S PN:096-064-00 B
OLD MN=94601-12GD NOTE: THERE ISN'T AN EXTENDED PCB ON
NEW MN=ST41200ND THE BACK OF THIS DIFF. UNIT.
MC=458-1250
MFG. PN=77709458

SPECIAL INSTRUCTIONS FOR SKM-XXXX

1. INSTALL THE ZETACO LOGO STICKER ON THE FRONT OF THE UNIT IN THE RECESSED SQUARE PROVIDED. (PN=099-035-00 A).
2. PUT THE FCC STICKER (099-027-00 A) ON THE BACK OF THE UNIT BETWEEN THE PLUG AND THE CABLE CONNECTORS. NOTE THE SILVER LABEL GOES UNDER THE FCC LABEL.
3. CHECK FOR INSULATOR PLUGS AT ALL UNUSED POSITIONS PN=300-237-00 A ON CABLE 300-249-00 AND CHECK FOR KEYWAYS ON CABLE 300-249-00.
4. CHECK FOR THE LOOP JUMPER AT THE BACK OF THE UNIT, LOCATED LEFT OF THE PLUG *Model # = D460*
5. CHECK VOLTAGE ON THE BACK OF THE UNIT FOR ~~110 V OR 220V~~. CHECK MFG LABEL AND FUSE HOLDER. NOTE: FUSE HOLDER MAY READ 100 INSTEAD OF 110. *Label = 115/230 or 120/240 VAC*
6. GREY SLIDES ARE ATTACHED. *Switch = 115 or 220 (Slits 1/23)*
7. CHECK UNIT FOR SCRATCHES, IF UNIT IS BADLY SCRATCHED, SEE RICK KNUTSON. *Label may read #5V for 220V. Fuse holder = 220. Ground = 0000. PC = D460-D2P*
8. IF THE UNIT IS DIRTY OR HAS A LOT OF FINGERPRINTS, WASH IT WITH WINDEX.
9. CHECK FOR BEZEL: ONE ON EACH TAB & NO MORE THAN 2" APART.

SHIPPED LOOSE

1. POWER CORD: COMES WITH UNIT. FOR ~~220 VOLT~~ POWER CORD MUST BE STRIPPED BACK
2. HARDWARE KIT (MISC. NUTS & BOLTS AND 2 SMALL BRASS SLIDES).
3. IF EXABYTE IS ORDERED ALSO SEND (1) 124-076-00 8MM CLEANING KIT & (1) 124-075-03 8MM TAPE.

SKM-XXXX IN-PROCESS INSPECTION PROCEDURE FOR 200-217-00 OR ~~200-251-00~~

SUB-ASSEMBLY INSPECTION:

IN ORDER TO INSPECT ANY SKM UNIT YOU MUST THOROUGHLY READ THE QA CARD & VERIFIED WHAT WAS ORDERED. THE POSSIBILITIES ARE:

MAX

QTY	PN	DEFINITION
4	800-057-00	385 MB DIFF. (330 MB) (200-201-03) WREN V.
4	800-058-00	702 MB DIFF. (601 MB) (200-201-01) WREN V.
4	800-112-00	1.2 GB DIFF. (1035 MB) (200-271-00) WREN VII.
4	800-141-00	767 MB DIFF. (665 MB) (200-292-00) WREN VII. WREN RUNNER II.
2	800-059-00	096-036-01 TAPE DRIVE EXABYTE 8200 DF

The wrap...

FOR THE ABOVE, REFERENCE ALL 800 PARTS LISTS. FOR 200-201-03 & 200-201-01 SEE THE IN-PROCESS INSPECTION SHEET. FOR 200-271-00 AND 200-292-00 SEE NEXT PAGE. ALL SHOULD BE INSTALLED UNLESS OTHERWISE SPECIFIED. IF THEY ARE TO BE SHIPPED LOOSE, ALL THE PARTS ON THE 800 PARTS LIST MUST BE SENT WITH EACH UNIT. RECORD ALL INFORMATION FROM EACH 800# INSPECTION ON THE TRAVELER. EACH 800 PART NUMBER MUST BE INSPECTED PRIOR TO INSTALLATION. FOR 800-059-00 EXABYTE 8200 DF, INSPECT FOR THE FOLLOWING: MS OR MX PROM=425A, RW=722002-A09 AND SV PROM=8019. ADDRESS UNITS (0,1). UNIT 0=ALL DOWN. UNIT 1=1 ON. **-A10**

SEE DRAWING 950-097-00 A FOR VERIFYING THE CORRECT ADDRESSING OF EACH UNIT. WRENS CAN BE SET UNITS 0,1,2,3 AND THE TAPE DRIVES CAN ONLY BE SET 0,1.

REFERENCE DRAWING 200-217-00 ~~A~~ FOR 110 V OR 200-251-00 ~~A~~ 220 V. INSPECT VIEW A-A FOR LENGTH, WIRING, LABELING, CONTINUITY, PULL TEST OF THE WIRE TO THE CONNECTOR.

EA B-H = Put Slides Back in chassis
DF = obsolete

INSPECT THE PCB THAT COMES IN THE SKM ENCLOSURE FOR ZETACOR'S MODS REFERENCE PAGE 2 OF DRAWING 200-217-00 ~~A~~. AFTER INSPECTING INITIAL THE S/S OF THE BOARD.

✓ PCB again

METAL WORK INSPECTION: *Tape/Disk out = left TAPE/Disk in = Right*
REFERENCE DRAWING # 950-097-00 A FOR VERIFYING THE PLACEMENT OF WRENS AND OF EXABYTES (WHATEVER IS ORDERED). *For each empty space where Wrens/Exabytes are located - all extra trays (Black) must be removed Red H means now are installed*

REFERENCE DRAWING 200-217-00 ~~A~~ 110V OR 200-251-00 ~~A~~ 220 V:
INSPECT WIRES FROM VIEW A-A, DO THRU D3 ARE HOOK UP TO THE WRENS INSTALLED (ANY) RESPECTIVELY. ALL UNUSED WIRES MUST BE WRAPPED NEATLY IN THE CORNER AS SHOWN ON THE DRAWING. *✓ Reconnections of PCB orange, yellow, white connector set on top*

✓ cable 300-172-01B for Pin 1 justification - Hook up Wrens - cable next to
SEE DRAWING MARKED OTHER END OF ITEM 2. BELOW TAPE IN & OUT IS THE 300-226-00 A CABLE AND ABOVE DISK IN & OUT IS THE 300-227-00 A CABLE. WITH THE FRONT END OF THE THE ENCLOSURE TOWARD YOU CABLE PN 300-226-00 A PIN 1 IS CONTINUOUSLY TO YOUR LEFT. CABLE PN 300-227-00 FROM THE SAME VIEW POINT STARTING IN THE LEFT MASS TERMINATOR CONNECTOR PIN 1 IS ON YOUR LEFT THEN THE NEXT TWO DAISY CHAIN CONNECTORS PIN 1=LEFT. PIN 1=RIGHT FOR 3RD & 4TH DAISY CHAIN CONNECTORS AND THEN BACK TO YOUR LEFT FOR THE RIGHT MASS TERMINATOR CONNECTOR. NOTE, THESE TWO CABLES MUST BE FOLDED NEATLY ON TOP OF THE WRENS/EXABYTES. ALL UNUSED CONNECTORS ON CABLE 300-227-00 MUST BE PLUGGED WITH CABLE PN 300-237-00 A.

✓ Ground cable attached to unit from PCB
ENSURE THE REMOTE POWER JUMPER IS INSTALLED AS SHOWN IN TRIANGLE #1.

FRONT PANEL FILLERS ARE LEFT IN, IF WRENS ARE INSTALLED OR IF THESE FRONT SPACE (S) ARE EMPTY. THESE ARE REMOVED IF EXABYTE (S) ARE ORDERED. *is flipped to*

CHECK FOR THE FOLLOWING: ~~110V OR 220V~~, GREY SLIDES, BEZELS ON THE FRONT PANEL, ON EACH TAB & NO MORE THAN 2" APART ON THE OTHER SIDE. THE RE-ASSEMBLY OF THE MODIFIED PCB. GENERAL WORKMANSHIP IN THE POWER SUPPLY AREA, SECURE CABLES, NUTS AND BOLTS TIGHT ETC. *✓ LEADS are staying all the way out.*

NOTE: ITEMS 4, 11 AND 13 WILL BE INSTALLED IN O.A. AT FINAL INSPECTION.

Wangdat =

800-112-00 & 800-141-00 INFORMATION FOR SKM UNITS ONLY!!

STANDARD

```

*****
* * ~ SEE BELOW ~ * | *
* * ~ ~ ~ ~ ~ * | *
----- ~ FOR UNITS ~ * | *
*****
    
```

UNIT 0

```

*****
~ * * * ~
~ * * * ~
*****
    
```

UNIT 1

```

*****
~ * * | ~
~ * * | ~
*****
    
```

UNIT 2

```

*****
~ * | * ~
~ * | * ~
*****
    
```

UNIT 3

```

*****
~ * | | ~
~ * | | ~
*****
    
```

NOTE: THERE IS NO EXTENDED PCB AT THE BACK OF THESE TWO DIFFERENTIAL UNITS.

800-112-00 ~~AB~~ *(Take sheets off of PC)*
MFG #s

ZETACO'S PN=096-064-00 ~~AB~~ = *Need MFG #s*
 ZETACO'S PN=200-271-00 A
 MN=94601-12GD NEW #=ST41200ND
 MC=458-1250 } *or 466-1250*
 MFG PN=77709458 } *77709466*

MFG # = 458-4614
 MFG # = 77709455

Wren III

800-141-00 ~~AB~~ *(Take sheets off of PC)*

ZETACO'S PN=095-067-00 A
 ZETACO'S PN=200-292-00 ~~AB~~
 MN=ST4767ND
 MC=504-2590
 MFG PN=941004-002 *dd#s 94100*

oe
 941004-011

	↓	↓
	mc	
75901504	OR	504-2590
75901503		503-2590

Wren Runner II

SKM-XXXX IN-PROCESS INSPECTION PROCEDURE FOR 200-281-00 OR ~~200-282-00~~

SUB-ASSEMBLY INSPECTION:

IN ORDER TO INSPECT ANY SKM UNIT YOU MUST THOROUGHLY READ THE QA CARD & VERIFIED WHAT WAS ORDERED. THE POSSIBILITIES ARE:

MAX QTY	PN	DEFINITION
4	800-057-00	330 MB DIFF. WREN (200-201-03) WREN V.
4	800-058-00	601 MB DIFF. WREN (200-201-01) WREN V.
4	800-112-00	1.2 GB DIFF. WREN (200-271-00) WREN VII.
2	800-059-00	096-036-01 TAPE DRIVE EXABYTE 8200 DF

FOR THE ABOVE, REF. 800-057-00 THRU 800-059-00, 800-112-00 PARTS LIST AND 200-201-03 & 200-201-01 IN-PROCESS INSPECTION SHEET. FOR 200-271-00 SEE NEXT PAGE. ALL SHOULD BE INSTALLED UNLESS OTHERWISE SPECIFIED. IF THEY ARE TO BE SHIPPED LOOSE, ALL THE PARTS ON THE 800 PARTS LIST MUST BE SENT WITH EACH UNIT. RECORD ALL INFORMATION FROM EACH 800# INSPECTION ON THE TRAVELER. EACH 800 PART NUMBER MUST BE INSPECTED PRIOR TO INSTALLATION. FOR 800-059-00 EXABYTE 8200 DF, INSPECT FOR THE FOLLOWING: MS OR MX PROM=425A, RW=722002-A09 AND SV PROM=B019. ADDRESS UNITS (3,2). UNIT 3=1 & 2 ON. UNIT 2=2 ON. SEE DRAWING 950-112-00 A FOR VERIFYING THE CORRECT ADDRESSING OF EACH UNIT. WRENS CAN BE SET UNITS 0,1,2,3 AND THE TAPE DRIVES CAN ONLY BE SET 3,2.

REFERENCE DRAWING 200-281-00 ^E ~~A~~ FOR 110 V OR ~~200-282-00 A 220 V.~~ INSPECT VIEW A-A FOR LENGTH, WIRING, LABELING, CONTINUITY, PULL TEST OF THE WIRE TO THE CONNECTOR.

INSPECT THE PCB THAT COMES IN THE SKM ENCLOSURE FOR ZETACO'S MODS REFERENCE PAGE 2 OF DRAWING 200-281-00 ~~A~~ OR 200-282-00 ~~A~~. AFTER INSPECTING INITIAL THE S/S OF THE BOARD.

METAL WORK INSPECTION:

REFERENCE DRAWING # 950-112-00 A FOR VERIFYING THE PLACEMENT OF WRENS AND OF EXABYTES (WHATEVER IS ORDERED). *For each empty space where wrens) exabytes are located all black trays must be removed. Min. installed*

REFERENCE DRAWING 200-281-00 ~~A~~ 110V OR 200-282-00 ~~A~~ 220 V; INSPECT WIRES FROM VIEW A-A, D0 THRU D3 ARE HOOK UP TO THE WRENS INSTALLED (IF ANY) RESPECTIVELY. ALL UNUSED WIRES MUST BE WRAPPED NEATLY IN THE CORNER AS SHOWN ON THE DRAWING.

✓ cable 300-172-01B for Pin 1 justification. ✓ for ground cable from PCB to unit.
SEE DRAWING MARKED OTHER END OF ITEM 2. FROM THE ^{12V} ~~12V~~ VIEW, CABLE 300-249-00 A ENTERS & EXITS WITH PIN 1 ON YOUR RIGHT. ALL UNUSED CONNECTORS MUST BE PLUGGED WITH CABLE PN 300-237-00 A. CABLE 300-249-00 A HAS KEYWAYS..

✓ for PA 60
ENSURE THE REMOTE POWER JUMPER IS INSTALLED AS SHOWN IN TRIANGLE #1.

FRONT PANEL FILLERS ARE LEFT IN, IF WRENS ARE INSTALLED OR IF THESE FRONT SPACE (S) ARE EMPTY. THESE ARE REMOVED IF EXABYTE (S) ARE ORDERED. *wanglet gets filler panel*

CHECK FOR THE FOLLOWING: *Lab reads 115/230 or 230/115* ~~110V OR 220V~~, GREY SLIDES. BEZELS ON THE FRONT PANEL, 1 ON EACH TAB & NO MORE THAN 2" APART ON THE OTHER SIDE. THE RE-ASSEMBLY OF THE MODIFIED PCB. GENERAL WORKMANSHIP IN THE POWER SUPPLY AREA, SECURE CABLES, NUTS AND BOLTS TIGHT ETC. *LED's are stuck out all the way. LEP cable wires on top, Blue = Left white = Right*

NOTE: ITEMS 11, 13 AND 17 WILL BE INSTALLED IN Q.A. AT FINAL INSPECTION. *PCB switch = 1,2 down*

March 20, 1991

Acceptance Test Checklist

MX-450 (MUX)

Serial Number: _____ ATP XXX-XXX-00 Rev. X _____ Date: _____

BEFORE POWER-UP:

INITIALS

1. Clean board edge connectors.
2. Rap board to remove any foreign materials.
3. Hook up SSII test box.

BOARD PREPARATION:

1. Set switches as follow:

J7 & X7 = 2 ON (Baud rate 9600)
 E9 = 1 ON (PIT Clock Frequency of 1Mhz)
 J9 = 3, 4, 5 ON (PIT Dev.Code 43)
 R3 = 1, 3-8 ON
 Jumper near Z7 must be IN

TESTING:

1. Run GNSTP on port 1. Check Busy / Done and Interrupt logics.
2. Run GNSTP on port 2. Check Busy / Done and Interrupt logics.
3. Test CTS on both port 1 and 2. (Pin A-90 for port 1; Pin B-67 for port 2.)
4. Run RTCD 5 passes.
5. Run DCHPTTST, test pit at all frequencies.
(Note: At 1KHZ, change loc 6770 from 1750 to 23420).
6. Run PRIOR X (DTOS).
7. Hook up MX-450 loopback plug and run ALM DIAG.
(Use DTOS tape or 3954/HDTOS 255.255). Run 3 passes.
8. Run 4200 RELI 1/2 hour, 2M XFERS.
(Use DTOS tape or HTDTOS Model 2&3, tape 2).
9. Run 4200 RELI stress/vibration (shock) test.
10. Remove jumper near Z7 and install jumper at X1.
Run -12V regulator test under 4200 RELI for 2 passes.

1. Scope all MUX bauds.

Model 102 Mirage

(1) Mirage Controller (w/Cover)	500-273-00
(1) Distribution Panel	300-066-00
(1) Distribution Panel Kit	300-067-00
(1) Distribution Cable 6'	300-069-00
(1) Loop Back Cable	300-090-00
(1) Diagnostic (Manual & Tape)	400-273-00
(1) Mirage Users Manual	600-273-00
(1) CP/M Server Tape and License	
(1) CP/M Manual	
(2) Pass Thru Cables - Type 1	300-070-00
Type 2	300-071-00
Type 3	300-087-00
Type 4	300-088-00
Type 5	300-089-00

Note: Rational Data does not receive Mirage users manual.

11-25-85

BOARD # 041-041-00A (OLD# 273-2B1)

MODEL # 102

CONFIGURATION FOR: MIRAGE FOR ALL CUSTOMERS.

CHECK BEFORE COVER INSPECTION REFERENCE

1. STANDARD DESCRIPTION: 102
2. HANDLE: MIRAGE.
3. ASM. REV.: B04-5.
4. REV. OF PROMS: NONE.
5. REV. OF EPROMS: -02.
6. KEYWAY TABS: NONE.
7. CHECK IN HOUSE S/N VS. OUTGOING S/N ON THE LOG SHEET.

SPECIAL INSTRUCTIONS FOR BOARD CONFIGURATION

- I. THERE IS NOTHING TO VERIFY ON THE CONFIGURATION SHEET, HOWEVER SEE REMARKS/SPECIAL INSTRUCTIONS SECTION.
- II. EPROM LABELS:
 - a. D/E-10 & U-10 = 273-P09-02.
- III. THINGS TO DOUBLE CHECK:
 - a. CHECK MOD WIRES IN THE ROWS 1 THRU 3 AND C THRU J.
 - b. CHECK SOCKETED IC'S.
 - c. MAKE SURE RESISTORS ARE SOLDERED IN ALONG THE GOLD FINGERS.
- IV. NOTE:
 - a. ALL CUSTOMERS EXCEPT RATIONAL DATA RECEIVE CP/M SERVER PACKAGE. SEE MANUAL INSPECTION REFERENCE FOR INSTRUCTIONS.

1-6-88

BOARD # 041-067-00A (OLD# 297-A01-3D1).

MODEL # 018-C

SALES NUMBER: 900-094-00 A.

CUSTOMER CONFIGURATION FOR: CRAY

CHECK BEFORE COVER INSPECTION REFERENCE

1. STANDARD DESCRIPTION: CRAY CHASSIS.
2. HANDLE: USE BRADY SILVER LABEL P/N=099-005-00.
3. ASM. REV.: 850-002-00 G.

```
| SERIAL NO. |
| XXXXX |
|
| MODEL # |
| 018-C |
|
| VOLTS AC-DC AMPS HERTZ |
| 120 AC 1 60 |
|-----|
```

3. CHECK IN HOUSE S/N VS. OUTGOING S/N ON THE LOG SHEET.

PLACEMENT: CENTER LABEL TOWARDS THE FRONT ON THE END WHERE THE MALE CONNECTORS ARE.

SPECIAL INSTRUCTIONS FOR BOARD CONFIGURATION

1. THERE IS NOTHING TO VERIFY ON THE CONFIGURATION SHEET, HOWEVER SEE REMARKS/SPECIAL INSTRUCTION SECTION.

NOTES:

1. MAKE SURE THERE ARE NO SCRATCHES ON THE SURFACES.
3. WASH OFF DIRT WITH RUBBING ALCOHOL.

ACCESSORIES:

1. 1-INSTALLATION KIT P/N: 200-109-00. FOR REFERENCE SEE ATTACHED PARTS LIST.

BOARD # NONE

MODEL # 018-PS

SALES NUMBER: 900-075-00 A.

CUSTOMER CONFIGURATION FOR: CRAY

CHECK BEFORE COVER INSPECTION REFERENCE

- 1. STANDARD DESCRIPTION: CRAY POWER SUPPLY.
- 2. HANDLE: USE BRADY SILVER LABEL P/N=099-005-00.
- 3. ASM REV.: 850-003-00 C.

SERIAL NO.			
XXXXXX			
MODEL #			
018-PS			
VOLTS AC-DC AMPS HERTZ			
120	AC	12	60

PLACEMENT: CENTER LABEL IN SPACE ^{above} ~~BETWEEN THE FUSE &~~ THE PLUG.

SPECIAL INSTRUCTIONS FOR BOARD CONFIGURATION

- 1. THERE IS NOTHING TO VERIFY ON THE CONFIGURATION SHEET, HOWEVER SEE REMARKS/SPECIAL INSTRUCTION SECTION.

NOTES:

- 1. MAKE SURE THERE ARE NO SCRATCHES ON THE SURFACES.
- 2. WASH OFF DIRT WITH RUBBING ALCOHOL.

ACCESSORIES:

- 1. 1-INSTALLATION KIT P/N: 200-109-00. FOR REFERENCE SEE ATTACHED PARTS LIST.
- 2. 3-POWER CABLES P/N: 300-109-00 ^B
- 3. 1-120 VOLT POWER CORD: 020-025-00.

PARTS LIST
ZETACO

FOR: 018-PS & 018-C INSTALLATION KIT

ASSEMBLY #: 200-109-00
REV. LEVEL: A

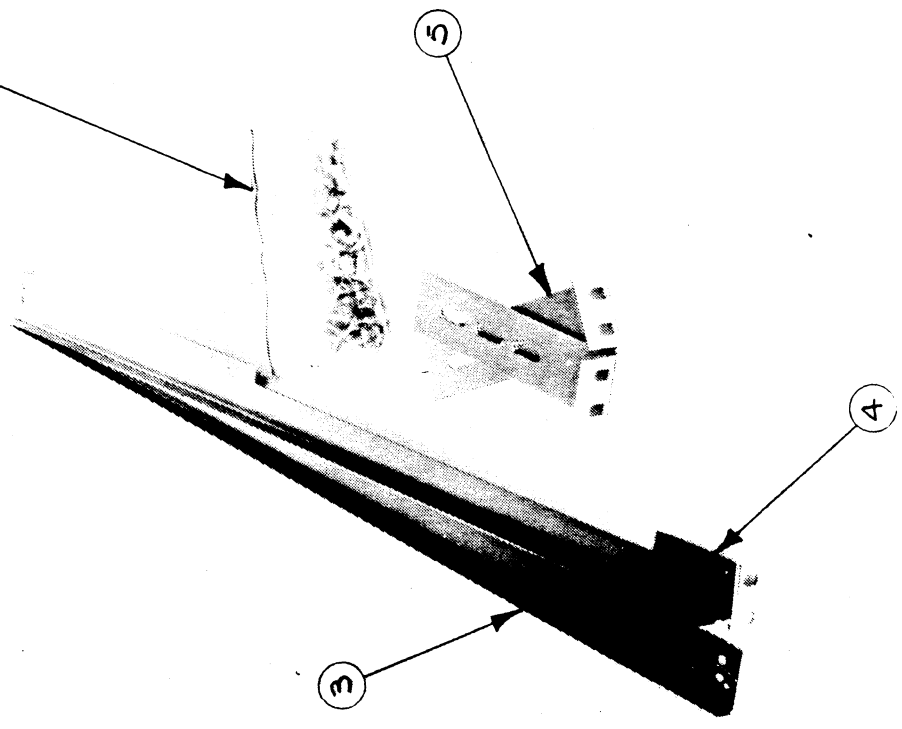
ITEM	QTY	PART #	GENERIC DESCRIP.	DESCRIPTION	REFERENCE
----	----	-----	-----	-----	-----
1	4	071-013-00	SCREW	8-32 X 1/2, PH-PHMS	
2	4	077-004-00	NUT	#8 KEPS NUT	
3	1	120-015-00	SHT METAL	018-C SPRT RAIL LEFT	
4	1	120-016-00	SHT METAL	018-C SPRT RAIL R	
5	2	120-019-00	SHT METAL	018-C SPRT MT BRKT	
6	12	071-018-00	SCREW	10-32 X 1/2, PH-PHMS	
7	12	077-005-00	NUT	#10 KEPS NUT HEX	
8	12	082-000-00	WASHER	#10 PLATED	
9	4	082-004-00	WASHER	#8 FLAT	
10	1	010-000-00	BAG	ZIPLOCK 3 X 5	

End of List

No Control Documents on file for this list

REVISION RECORD			
REV	ECO	DATE	CHKD
A	*	BAP 7-86	
DESCRIPTION RELEASE			

1 2 6 7 8 9 10



1. SEE SEPARATE PARTS LIST.
NOTES:

DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED		TOLERANCES	
3 PLACE	2 PLACE	ANGLES	
±.005	±.01	±.5°	
DO NOT SCALE DRAWING			
This document contains confidential or proprietary information of Zetaco Inc. Neither the document or information therein is to be reproduced, distributed, used or disclosed, either in whole or in part, except as specifically authorized by Zetaco Inc.			
ZETACO © 1988 Zetaco Inc.		DRAWN	7-7-86
		CHKD	7-7-86
		ENGR	7-7-86
		APP	7-10-86
TITLE INSTALLATION KIT 018-PS{01B-C		DRAWING NO	200-109-00
		REV	A
		SCALE	1/4"
		SHEET	1 OF 1

DATE SYN	REVISION RECORD	DR. CK
1185	RELEASE	

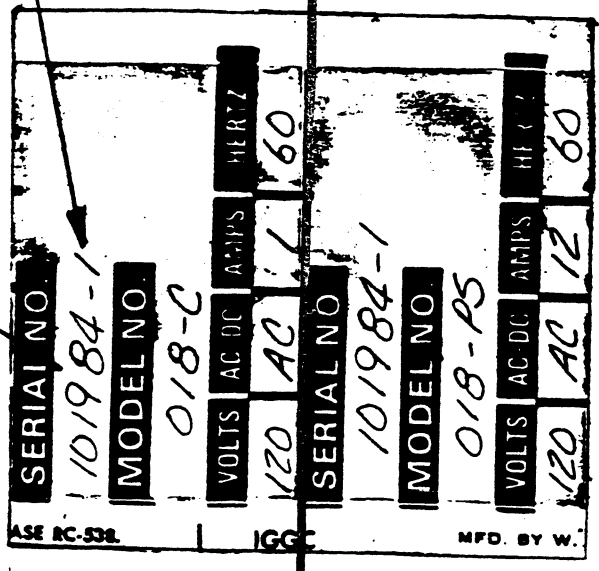
THIS IS SHIPPING DATE IN THE FORM MM DD YY MUST ALWAYS BE 6 DIGITS

THIS IS AN INCREMENTAL NUMBER ASCENDING TO MAXIMUM RELEASE QTY. FOR THAT DATE.
 NUMBERING STARTS WITH ONE (1)
 E.G. IF 5 UNITS ARE RELEASED NUMBERING IS -1, -2, -3, -4, -5

NOTE: TYPE ON XEROX TYPEWRITERS USING "LETTER GOTHIC" WITH BLACK RIBBON, ONLY.

LABEL BLANK IS W.H. BRADY CAT. # WOAF-36

NOV 21 1985



THE LABEL IS FOR CHASSIS

THIS LABEL IS FOR POWER SUPPLY

FOR P/S put label above plug, mechanical chassis for power.

TOLERANCES (EXCEPT AS NOTED)	CUSTOM SYSTEMS INC.	
DECIMAL	SCALE	DRAWN BY C. KULSETH
±	~	APPROVED BY RW
FRACTIONAL	TITLE LABEL, ID TAG	
±	DRAWING NUMBER	
ANGULAR	DATE 1-8-85	REV A
±	099-005-00	

CRAY

11/11 - 09

<u>MODEL #</u>	<u>DESCRIPTION</u>	<u>CRI P/N</u>	<u>ZETACO P/N</u>	<u>PRICE</u>
018-C	Expansion I/O Chassis Includes: 1 8-Slot chassis 1 Hardware Installation Kit	015887500	500391-000 500391-000 ()	3450.00
018-PS	Power Supply for Chassis Power Supply Unit 3 DC Power Cables = 300-109-00 1 AC Power Cable	01262700	500382-000 Z-01262700 500389-000 100810-000	1400.00
DC-296C	SMD Disk Controller Includes: 1 controller 1 cover 1 manual 1 diagnostic tape 1 Paddleboard Set (2)	02229200	500284-000 () () () () 300003-000 A 300026-000 B	2750.00
	6' Primary FCC Disk Cable Kit Includes: 1 18" Internal 'A' Cable 1 18" Internal 'B' Cable 1 6-foot External 'A' Cable 1 6-foot External 'B' Cable	01253200	() 300000-001 300014-001 300013-001 300011-001	350.00
TC-133	Magnetic Tape Coupler Includes: 1 controller 1 cover 1 Manual 1 Diagnostic tape 1600bpi	01243000	500242-000 () () () ()	1225.00
	10' Primary FCC Tape Cable Set Includes: 2 10' External Cable 1 A Cable Internal 1.5' 1 B Cable Internal 1.5'	01253100	() 300001-001 300017-001 300018-001	250.00
SS-265	Slot Saver V (298-B04-3E3) Includes: 1 controller 1 cover 1 manual	01253000	() () ()	2045.00
	Cable Kit for SS-265 Includes: 1 20-foot printer cable 3 Internal Cables 5' ft.	01253300	() 298-C14-3E0 298-C09-3E0 298-C11-3E0 298-C13-3E0	300.00
	2' Cable SSV R/S232 Channel	01263400	200026-000	65.00

5-14-87

BOARD # 020

MODEL # 140

CUSTOMER CONFIGURATION FOR: ALL CUSTOMERS

CHECK BEFORE COVER INSPECTION REFERENCE

1. STANDARD DESCRIPTION: GENERAL WIRE WRAP, SINGLE DEVICE.
2. HANDLE: SINGLE DEVICE WIRE WRAP.
3. ASM. REV.: SEE BELOW.
4. REV. OF PROMS: NONE.
5. REV. OF EPROMS: NONE.
6. EEPROM: NONE.
7. KEYWAY TABS: N/A.
8. COVER: THREE HOLE (NO SILKSCREEN) P/N: 040-015-00.
9. CHECK IN HOUSE S/N VS. OUTGOING S/N ON THE LOG SHEET.

SPECIAL INSTRUCTIONS FOR BOARD CONFIGURATION

I. CONFIGURATION SHEET:

THERE ARE 4 OPTIONS ON THIS BOARD:

- | | | | |
|----|----------------------|------------------------------------|------------------------------|
| 1) | 140 STD | ASM REV.= 500-020-00 EC | <i>1-10-87
+ Dev 102</i> |
| 2) | 141 16 BIT I/O | ASM REV.= 500-020-00 EC | |
| 3) | 142 DMA | ASM REV.= 500-020-00 EC | |
| 4) | 143 WIRE WRAP PINS | ASM REV.= B14-3 | |
| 5) | 144 PINS AND SOCKETS | ASM REV.= B14-3 | |
- A) FOR THIS OPTION DO NOT INSTALL 3 CENTER ROW SOCKETS, BAG AND SEND. ALSO, IF PINS ARE NOT ALREADY INSTALLED IN THE BOARD THEY SHOULD BE INCLUDED IN THE BAG WITH SOCKETS.

MODS:

- 1) ADD WIRE AT C7-6 TO 3K RESISTOR AT D/C-5, ATTACH WIRE TO LEAD OF RESISTOR CLOSEST TO THE GOLD FINGERS.

BOARD # 041-013-00 A (OLD# 140-AA6)

CONFIGURATION FOR: ALL CUSTOMERS
COVER: ZETACO 4 HOLE P/N 040-001-00.

CHECK BEFORE COVER INSPECTION REFERENCE

I. OPTIONS * *

READ BEFORE INSPECTING OPTIONS.

* *

NOTE IF OPTION 225(RTC) IS NOT ORDERED
J405 (B/C-8) MUST BE IN.

** ALL OPTIONS DISABLED MUST BE STATED ON THE HANDLE.

A. 222 1st PORT

--- --- ----

ASM. REV.: 500140-001

HANDLE: CRT 1 10/11

IF OPTION 222 IS INSTALLED W/O OPTION 228 THEN THE FOLLOWING
MUST BE DONE.

ADD JUMPERS: G10-7 TO 8
E10-7 TO 9
D10-7 TO FEED THRU AT LEFT

*IF THE BOARD IS TO BE INSTALLED IN A NOVA 4 SYSTEM (SEE CPU THE
SECTION ON THE O.A. CARD) 1st PORT (222 OPTION) MUST BE DISABLED.
TO DISABLE 222 1st PORT:

ADD JUMPER FROM H10-6 TO H10-8

*IF 1st PORT (222 OPTION) IS THE ONLY OPTION INSTALLED ON THE
BOARD AND IS TO BE INSTALLED IN A NOVA 4 SYSTEM THEN THE DEVICE
MUST BE CHANGE FROM CRT 10/11 TO CRT 50/51 AND THE NEW LABEL ON
THE HANDLE WILL BE CRT 50/51. CRT 50/51 =SWITCH AT H-9=1 & 3 OFF.

B. 228 2nd PORT

--- --- ----

ASM. REV.: 500140-005

HANDLE: CRT 50/51

IF ONLY OPTION 228 IS INSTALLED W/O OPTION 222 THEN THE FOLLOWING
MUST BE DONE.

ADD JUMPER: G9-6 TO 7

TO DISABLE 228 2nd PORT:
ADD JUMPER J350 AT F/G-10

C. 224 MODEM

--- ----

ASM. REV.: 500140-003

HANDLE: CRT 2 50/51 MODEM

TO DISABLE 224 MODEM:
ADD WIRE FROM M7-9 TO M7-7

*** FOR OPTION 225 (REAL TIME CLOCK), OPTION 229 (PAPER TAPE READER),
AND OPTION 230 (PAPER TAPE PUNCH) SEE NEXT PAGE.

D. 225 REAL TIME CLOCK
--- -----
ASM. REV.: 500140-004
HANDLE: RTC

FOR 225 OPTION J404 (F/G-6) MUST BE CUT
TO DISABLE RTC:
J405 (B/C-8) MUST BE IN

E. 229 PAPER TAPE READER
--- -----
ASM. REV.: 500140-006
HANDLE: 500A: PTR 12 (FACIT)
500B: 2540 FLY 30 PTR 12
500C: REMEX PTR 12

FACIT -----	REMEX -----
J515 OUT (D/E-7)	J515 OUT (D/E-7)
J512 OUT (E-1)	J512 IN (E-1) NOT LABELED BELOW 750 RES

TO DISABLE 229 PTR:
ADD JUMPER J515 AT D/E-7

F. 230 PAPER TAPE PUNCH
--- -----
ASM. REV.: 500140-007
HANDLE: 600A: PTP 13 (FOR FACIT-SEE CONF. FORM)
600B: REMEX PTP 13

FACIT OR REMEX MUST BE ORDERED ON QA & MUST BE INSPECTED AT FINAL
INSPECTION.

FACIT -----	REMEX -----
J611 IN (H/J-8)	J611 OUT (H/J-8)
J610 OUT (H/J-8)	J610 IN (H/J-8)
J613 IN (L-7)	J613 OUT (L-7)
J614 IN (K-2)	J614 IN (K-2)

TO DISABLE 230 PTP:
ADD JUMPER J606 AT M-4

NOTE IF OPTION 230 (PTP) IS INSTALLED WITHOUT OPTION 229 (PTR)
OR A PRINTER THEN A WIRE AT F-4 FROM PINS 2 TO 7 MUST BE
INSTALLED.

*** FOR PRINTER CONFIGURATIONS SEE NEXT PAGE ***

II. PRINTER CONFIGURATION

ASM. REV.: 500140-008
THIS ASM. REV. APPLIES TO ALL PRINTER CONFIGURATIONS.

- * *
a. FOR *ALL* PRINTERS READ BEFORE INSPECTING ANY PRINTER OPTIONS
* * ---
1) FOR *ANY* PRINTER INSTALLED PJ1 MUST BE CUT NEAR B SIDE GOLD
FINGERS.
2) IF 300-041-01.7 CENTRONICS PRINTER CABLE FOR A CENTRONICS
INTERFACE IS ORDERED (SEE O. A. CARD) THEN J750 MUST BE CUT
NEAR K-7 AFTER TEST.
3) TO DISABLE ANY PRINTER INSTALLED J708 MUST BE IN NEAR M-4/5.
IF A PRINTER IS DISABLED IT MUST BE STATED ON THE HANDLE.

b. 232D DATA PRODUCTS PRINTER

HANDLE: DATA PRODUCTS LPT 17

ADD JUMPERS:
J706 IN (K-3)
J707 OUT (K-1)
J715 IN (G-3)

c. 232C CENTRONICS PRINTER

HANDLE: CENTRONICS LPT 17

JUMPERS (FOILED):
J706 OUT (K-3)
J707 IN (K-1)
J715 OUT (G-3)

d. 232T TERMINET PRINTER

HANDLE: TERMINET LPT 17

JUMPERS:
J750 IN (K-7) FOILED
J751 IN (H-4) FOILED
J715 IN (G-3) ADD

FOR G. E. TERMINET

JUMPERS:
J707 IN (K-1) FOILED
J706 OUT (K-3) FOILED
J715 IN (G-3) ADD

NOTE: G. E. MEDICAL SOMETIMES RECEIVES PRE-BURNT CHIPS.
----- (SEE O. A. CARD)

** FOR SWITCH SETTINGS SEE NEXT PAGE **

III. SWITCH SETTINGS

- a. J-11 (2nd PORT
---- DEVICE CODE)
1-OFF
2-ON
3-OFF
4-ON
5-ON

- b. H-9 (CURRENT LOOP/1st PORT
--- DEVICE CODE.)
1-ON
2-ON
3-OFF
4-ON
5-ON

- c. B/C-12 & A/B-12 (BAUD RATE)

1-OFF
2-ON (9600 BAUD STD.)
3-OFF
4-OFF
5-OFF
6-OFF
7-OFF
8-OFF

d. E-12

1st PORT	2nd PORT	
C1	: C3	CURRENT LOOP
~~~~~		
C2	: C4	RS232

SERIAL PORTS: (ON CONFIGURATION FORM)  
STD. RS232            20 MA (CURRENT LOOP)  
-----

- 1) RS232 IS STANDARD. WHEN THIS IS CHECKED FOR BOTH PORTS THEN C2 & C4 ARE DOWN.
  
- 2) 20 MA IS CURRENT LOOP. WHEN THIS IS CHECKED FOR BOTH PORTS THEN C1 & C3 ARE DOWN.
  
- 3) WHEN BOTH ARE CHECKED THEN IT MUST BE SPECIFIED WHICH PORT GETS CURRENT LOOP AND RS232.

** FOR INDIVIDUAL CUSTOMER CONFIGURATIONS SEE NEXT PAGE **

CONFIGURATION FOR: INTERNATIONAL G. E. (& sometimes G. E. MEDICAL)

1. OPTION: 223(COMBINATION OF 222 1st PORT AND 228 2nd PORT WITH ADDED MODS SEE #4 BELOW.)
2. HANDLE: CRT 50/51 CRT 16/17
3. ASM. REV.: 500140-002
4. WIRES AND JUMPERS:
  - a. CUT L2-5 & ADD WIRE FROM PIN TO M1-8
  - b. J405 IN (B/C-8)
  - c. J313 OUT (K-3)
  - d. J314 IN (K-3)
5. SWITCHES:

H-9	J-11	A/B-12 & B/C-12
---	----	-----
1-OFF	1-ON	#2 ON ALL OTHERS OFF
2-ON	2-ON	(9600 BAUD STD)
3-OFF	3-OFF	
4-ON	4-OFF	
5-ON	5-OFF	

E-12  
-----  
C1 DOWN 1st PORT CURRENT LOOP  
C4 DOWN 2nd PORT RS232

CONFIGURATION FOR: AUCTEL

1. OPTIONS: 222(1ST PORT), 228(2nd PORT)
2. HANDLE: CRT 10/11 CRT 50/51
3. ASM. REV.: 500140-001,005
4. JUMPER: J405 IN (B/C-8)
5. SWITCHES:

H-9

---

1-ON

2-ON

3-OFF

4-ON

5-ON

J-11

----

1-OFF

2-ON

3-OFF

4-ON

5-ON

B/C-12 & A/B-12

-----

#2 ON ALL OTHERS OFF  
(9600 BAUD STD.)

E-12

----

C1 DOWN 1st PORT CURRENT LOOP

C3 DOWN 2nd PORT CURRENT LOOP



CONFIGURATION FOR: CDC SPECIAL P/N 56587961

1. OPTIONS: 222(1st PORT), 225(RTC), 232(CENTRONICS PRINTER)
2. HANDLE: CRT 10/11 RTC 14 CENTRONICS LPT 17 P/N 56587961
3. ASM. REV.: 500140-001,004,008
4. 1st PORT ONLY ADD WIRES:(DON'T ADD IF BOTH 222 & 228 ARE INSTALLED)  
G10-7 TO 8  
E10-7 TO 9  
D10-7 TO FEED THRU BETWEEN D10-6 & 7.
5. CUTS:  
PJ1 (NEAR B SIDE GOLD FINGERS FOR PRINTER)  
J404 (F/G-6 ON SOLDER SIDE FOR RTC)  
J405 (B/C-8 FOR RTC NOT FOILED)  
**NOTE* IF 300-041-01.7 CENTRONICS PRINTER CABLE IS ORDERED FOR  
CENTRONICS INTERFACE (SEE O. A. CARD) THEN J750 (K-7)  
*MUST* BE CUT *AFTER* TEST.
6. SWITCHES:

E-12 (SEE CONFIGURATION FORM)

-----

1st PORT	2nd PORT	(FOR MORE INFORMATION ABOUT THIS SWITCH SEE PAGE 4 OF THIS COVERCHECK.)
C1	: C3	CURRENT LOOP
~~~~~		
C2	: C4	RS232

SERIAL PORTS: (ON CONFIGURATION FORM)
STD. RS232 20 MA (CURRENT LOOP)

H-9: #3 OFF ALL OTHERS ON

B/C-12: #2 ON ALL OTHERS OFF

CONFIGURATION FOR: CDC SPECIAL P/N 56587963

1. OPTION: 232C(CENTRONICS PRINTER)
2. HANDLE: CENTRONICS LPT 17 P/N 56587963
*NOTE: IF OPTION 222(1st PORT) IS INSTALLED IT MUST BE
DISABLED AND THE FOLLOWING MUST BE ADDED TO THE
LABEL: CRT 10/11 DISABLED
3. ASM. REV.: 500140-008
4. TO DISABLE 222(1st PORT)
ADD JUMPER FROM H10-6 TO H10-8
5. JUMPERS:
J706 OUT (K-3) FOILED
J707 IN (K-1) FOILED
J715 OUT (G-3) FOILED
J405 IN (B/C-8) ADD
6. CUTS:
PJ1 CUT NEAR B SIDE GOLD FINGERS FOR PRINTER.
NOTE IF 300-041-01.7 CENTRONICS PRINTER CABLE IS ORDERED FOR
CENTRONICS INTERFACE (SEE O. A. CARD) THEN J750 (K-7)
MUST BE CUT *AFTER* TEST.
7. NO SWITCHES ON THIS BOARD TO SET.

CONFIGURATION FOR: CDC SPECIAL P/N 56587967

1. OPTIONS: 222(1st PORT), 228(2nd PORT), 225(RTC), 232C(CENTRONICS PRINTER), 224(MODEM)
2. HANDLE: CRT 10/11 CRT 50/51 MODEM RTC 14 CENTRONICS LPT 17
P/N 56587967
3. ASM. REV.: 500140-001,003,004,005,008
4. JUMPERS:
J706 OUT (K-3) FOILED
J707 IN (K-1) FOILED
J715 OUT (G-3) FOILED
5. CUTS:
J404 OUT (F/G-6)
PJ1 CUT NEAR B SIDE GOLD FINGERS FOR PRINTER
NOTE IF 300-041-01.7 CENTRONICS PRINTER CABLE IS ORDERED FOR
CENTRONICS INTERFACE (SEE O. A. CARD) THEN J750 (K-7)
MUST BE CUT *AFTER* TEST.
6. SWITCHES:

J-11	1-OFF	H-9	1-ON	B/C-12 & A/B-12
----	2-ON	---	2-ON	-----
	3-OFF		3-OFF	#2 ON ALL OTHERS OFF
	4-ON		4-ON	
	5-ON		5-ON	

E-12 (SEE CONFIGURATION FORM)

1st PORT	2nd PORT	(FOR MORE INFORMATION ABOUT THIS SWITCH SEE PAGE FOUR OF THIS COVERCHECK.)
C1	: C3	CURRENT LOOP
~~~~~		
C2	: C4	RS232
-----		

SERIAL PORTS: (ON CONFIGURATION FORM)  
STD. RS232 20 MA (CURRENT LOOP)

-----

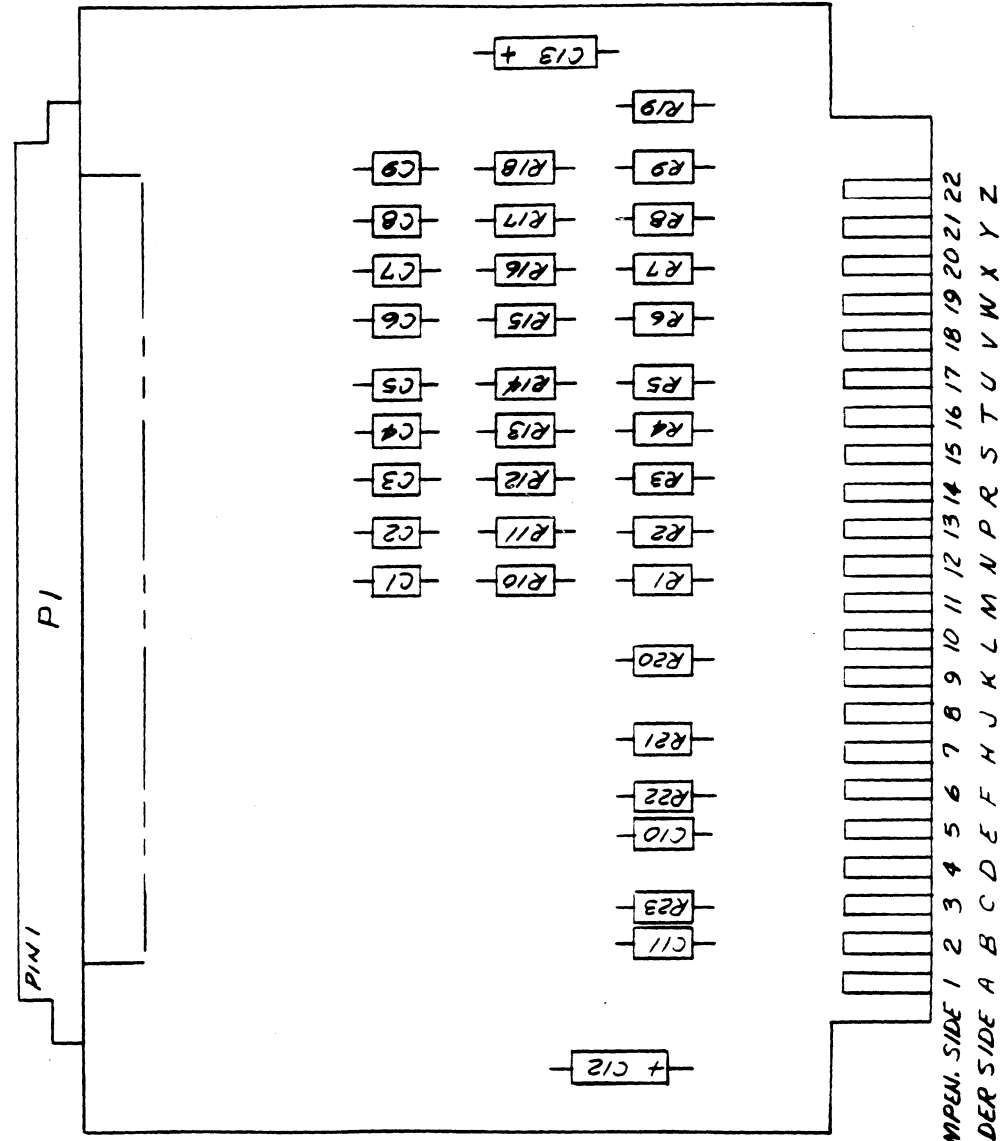
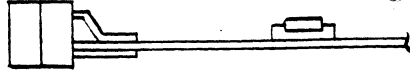
CONFIGURATION FOR: CDC SPECIAL P/N 56587968

1. OPTIONS: 225(RTC), 232C(CENTRONICS PRINTER)
2. HANDLE: RTC 14 CENTRONICS LPT 17 P/N 56587968  
*NOTE: IF OPTION 222(1st PORT) IS INSTALLED IT MUST BE  
DISABLED AND THE FOLLOWING MUST BE ADDED TO THE LABEL:  
CRT 10/11 DISABLED
3. ASM. REV.: 500140-004,008
4. TO DISABLE 222(1st PORT)  
ADD JUMPER FROM H10-6 TO H10-8
5. JUMPERS:  
J706 OUT (K-3) FOILED  
J707 IN (K-1) FOILED  
J715 OUT (G-3) FOILED
6. CUTS:  
PJ1 NEAR B SIDE GOLD FINGER FOR PRINTER  
J404 (F/G-6) FOR RTC  
**NOTE** IF 300-041-01.7 CENTRONICS PRINTER CABLE IS ORDERED FOR  
CENTRONICS INTERFACE (SEE O. A. CARD) THEN J750 (K-7)  
*MUST* BE CUT *AFTER* TEST.
7. NO SWITCHES ON THIS BOARD TO SET.

JUN 29 1984

PARTS LIST			
ITEM	QTY	DESCRIPTION	LOCATION
1	1	PC BOARD	
#2	1	CONN 2YH22-1AKCIS	PI
3	18	RES. 470R 1/4W-5%	R1 to R18
4	5	RES. 22Ω 1/4W-5%	R19 to R23
5	9	CAP. .001 MFD	C1 to C9
6	2	CAP. .05 MFD	C10, C11
7	2	CAP. 6.8 MFD-35V	C12, C13
#8	1	CONN 2YH22-1ADDIS (ALT)	PI
		AZD22 D508AY (ALT)	500 SERIES

* NOT USED UNLESS SPECIFIED BY CUSTOMER  
 ** USE ITEMS 2 OR 8 PER SERIES SPECIFIED



REVISIONS		BY	DATE
1	6-7-84		0322
2			
3			
4			
5			

CUSTOM SYSTEMS, INC	SCALE	DRAWING NO
ASSEMBLY	DATE 1-10-74	096-80312-01
CENTRONICS PRINTER TERMINATOR	TRACED	
MATERIAL	APP'D	
CHK'D RW		

COMPLEN. SIDE 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22  
 SOLDER SIDE A B C D E F G H J K L M N P R S T U V W X Y Z





# Interoffice Memorandum

---

---

---



DATE: 4/28/86  
TO: Dianne, Terri, Al, Judy W., Sales  
FROM: Gary  
SUBJECT: 262/264 Mode I and Mode II

*Gary*

The purpose of this memo is to clarify the meaning of Mode I and Mode II as related to the controller and the distribution panel for the 262/264 controller product. To do this we must forget about definitions in the past and adhere to the following description.

## Controller

The controller has two modes; Mode I and Mode II. These modes define different logic gatings for the 'clear to send' signal.

The standard configuration is Mode I, which the artwork has foiled jumpers in place. The optional mode is II which requires cutting the Mode I foiled jumpers and installing wire jumpers.

## Distribution Panel

The panel has two modes; Mode I and Mode II. These modes define different definitions for Pin 2 and Pin 3 of the RS232 connector.

The standard configuration is Mode I, which the artwork has the 'even' foil jumpers in place (W100 thru W130). The optional mode is II which requires cutting Mode I foil jumpers and installing wire jumper in odd jumper numbers (W101 thru W131).

The order configuration form will be changed to reflect a Mode I (Std) and Mode II choice for both the controller and distribution panel. It is important to note that the mode on the controller does not have to correspond to the mode on the distribution panel.

I hope this will resolve any confusion that has existed. Further technical input from myself will be forthcoming to the Sales Department to ease mode determination required on the order configuration form.



12-30-87

BOARD # 041-046-00 A (OLD# 266-1U3)

MODEL # SS-262-8

CONFIGURATION FOR: ALL CUSTOMERS.

SALES NUMBERS: 900-053-00 A MODE I.  
900-053-01 A MODE II.  
900-053-03 A MODE III.

CHECK BEFORE COVER INSPECTION REFERENCE

1. STANDARD DESCRIPTION: SS-262-8 CHANNEL MUX.
2. HANDLE: 8 CH. MUX LINES 0-7.
3. ASM. REV.: MODE 1= 500-267-00 C  
MODE 2= 500-267-01 C
4. REV. OF PROMS: NONE.
5. REV. OF EPROMS: NONE.
6. KEYWAY TABS: N/A.
7. COVER: SS-264 P/N: 040-012-00.
8. CHECK IN HOUSE S/N VS. OUTGOING S/N ON THE LOG SHEET.

SPECIAL INSTRUCTIONS FOR BOARD CONFIGURATION

- I. CONFIGURATION SHEET:
  - A. CPU: (NOVA 3 IS STD. IF NOTHING SPECIFIED.)  
NOVA 3: J19-1 OUT  
J19-2 IN  
  
NOVA 4: J19-1 IN  
J19-2 OUT
  - B. MUX PORTS:  
RS232=C2 & C4 DOWN AND IF PANEL IS ORDERED IT MUST BE 850-006-00.  
RS232 IS DEFAULT.  
20MA=C1 & C3 DOWN AND IF PANEL IS ORDERED IT MUST BE 850-006-01.
  - C. MODE 1 AND MODE 2 BOARD CONFIGURATION:  
MODE 1: ROW 9A THRU 9S ALL LEAVE BOARD AS FOILED.  
MODE 2: ROW 9A THRU 9S CUT FOILED JUMPERS AND ADD JUMPERS NEXT  
TO THEM.  
NOTE: RIANDA (TECHNITRONIX) IS MODE 2.
  - D. SWITCHES IN ROW NINE #2 ON ALL OTHERS OFF FOR 9600 BAUD (STD.).
  - E. TORROID IS GLUED DOWN.
- II. MODE 1 AND MODE 2 PANEL CONFIGURATION:  
MODE 1: NUMBERS 1 AND 3 ON.  
MODE 2: NUMBERS 2 AND 4 ON. *Send panel kit.*
- III. MODE 3=MODE ONE BOARD & MODE 2 PANEL.
- IV. CONVERTING A SS-264 INTO A SS-262-8:  
ADD THE FOLLOWING TO THE HANDLE: CRT 10/11, RTC & LPT DISABLED.  
SEE SS-264 COVERCHECK FOR MODS.

5-15-87

BOARD # 041-046-00 A (OLD# 266-1U3)

MODEL # SS-264

CHECK BEFORE COVER INSPECTION REFERENCE

1. STANDARD DESCRIPTION: SS-264
2. HANDLE: CRT 10/11 RTC 14 LPT 17 8 CH MUX LINES 0 - 7.
3. ASM. REV.: MODE 1= 500-266-00 C  
MODE 2= 500-266-01 C
4. REV. OF PROMS: NONE.
5. REV. OF EPROMS: NONE.
6. KEYWAY TABS: N/A.
7. COVER: 4 HOLE SLOT SAVER IV P/N: 040-012-00.
8. CHECK IN-HOUSE S/N VS. OUTGOING S/N ON THE LOG SHEET.

SPECIAL INSTRUCTIONS FOR BOARD CONFIGURATION

I. CONFIGURATION SHEET:

- A. CPU: NOVA 3: J19-1 OUT (IF NOTHING IS NOTED SET NOVA 3 (STD.))  
J19-2 IN  
NOVA 4: J19-1 IN  
J19-2 OUT
- B. SERIAL PORT: RED SWITCH AT T8.  
RS232=C2&C4 DOWN (DEFAULT) 20MA=C1&C3 DOWN
- C. MUX PORTS:  
RS232=C2 & C4 DOWN AND IF PANEL IS ORDERED IT MUST BE 850-006-00.  
RS232 IS DEFAULT.  
20MA=C1 & C3 DOWN AND IF PANEL IS ORDERED IT MUST BE 850-006-01.
- D. PRINTER:
  - 1) CENTRONICS (FOILED): STANDARD
    - a) J10-3 IN - J10-4 OUT NEAR S/T-1
  - 2) DATA PRODUCTS:
    - a) J10-3 OUT - J10-4 IN NEAR S/T-1
  - 3) TERMINET (MUST BE SPECIFIED)
    - a) J10-1 IN b) J8-8 IN c) J8-7 OUT
    - d.) CHANGE RES. R9-1 FROM 3K TO 6.8K.
    - e.) CHANGE RES. R9-2 FROM 2.2K TO 10K.
- E. SWITCHES IN ROW NINE #2 ON ALL OTHERS OFF FOR 9600 BAUD(STD)
- G. TORROID IS GLUED DOWN.
- H. OPTIONAL BOARD CONFIGURATION:  
MODE 1: ROW 9A THRU 9S LEAVE JUMPERS AS FOILED.  
MODE 2: ROW 9A THRU 9S, CUT FOILED JUMPERS & ADD JUMPERS NEXT  
TO CUT FOILS. NOTE: RIANDA (TECHNITRONIX) IS MODE 2.  
MODE 3: MODE 1 BOARD, MODE 2 PANEL.
- I. OPTIONAL PANEL CONFIGURATION:  
MODE 1: #1 AND #3 ON.  
MODE 2: #2 AND #4 ON.

*****SEE NEXT PAGE FOR MORE INFORMATION*****

J. THE FOLLOWING MUST BE SPECIFIED ON THE O.A. CARD TO BE DISABLED.  
STANDARD IS ENABLED/FOILED.)

1.)	RTC:	ENABLED(FOILED)=	J7-3 OUT	DISABLED=	J7-3 IN	
		(C/D-4)	J7-4 IN		J7-4 OUT	
2.)	LPT:	ENABLED (FOILED)=	J8-3 IN	DISABLED=	J8-3 OUT	
		(G-1)	J8-4 OUT		J8-4 IN	
3.)	CRT:	ENABLED(FOILED)=	J4-6 OUT	DISABLED:	J4-6 IN	AT E3
			J6-3 IN		J6-3 OUT	AT 2/3
			J6-4 OUT		J6-4 IN	AT 2/3

TO CONVERT A SS-264 INTO A SS-262-8, DISABLE THE FOLLOWING:  
RTC, LPT & CRT.



# Interoffice Memorandum

---

---

---

---



DATE: 4/28/86  
TO: Dianne, Terri, Al, Judy W., Sales  
FROM: Gary  
SUBJECT: 262/264 Mode I and Mode II

*Gary*

The purpose of this memo is to clarify the meaning of Mode I and Mode II as related to the controller and the distribution panel for the 262/264 controller product. To do this we must forget about definitions in the past and adhere to the following description.

## Controller

The controller has two modes; Mode I and Mode II. These modes define different logic gatings for the 'clear to send' signal.

The standard configuration is Mode I, which the artwork has foiled jumpers in place. The optional mode is II which requires cutting the Mode I foiled jumpers and installing wire jumpers.

## Distribution Panel

The panel has two modes; Mode I and Mode II. These modes define different definitions for Pin 2 and Pin 3 of the RS232 connector.

The standard configuration is Mode I, which the artwork has the 'even' foil jumpers in place (W100 thru W130). The optional mode is II which requires cutting Mode I foil jumpers and installing wire jumper in odd jumper numbers (W101 thru W131).

The order configuration form will be changed to reflect a Mode I (Std) and Mode II choice for both the controller and distribution panel. It is important to note that the mode on the controller does not have to correspond to the mode on the distribution panel.

I hope this will resolve any confusion that has existed. Further technical input from myself will be forthcoming to the Sales Department to ease mode determination required on the order configuration form.

BOARD # 041-063-00A (OLD# 298-A01-3E1)

MODEL # SS-265

SALES NUMBER: 900-064-00 A.

CONFIGURATION FOR: ALL CUSTOMERS.

## CHECK BEFORE COVER INSPECTION REFERENCE

1. STANDARD DESCRIPTION: SS-265.
2. HANDLE: SS-265.
3. ASM. REV.: 500-298-00 H.
4. REV. OF PROMS: -01.
5. REV. OF EPROMS: NONE.
6. KEYWAY TABS: YES.
7. COVER: SS-265 P/N: 040-005-00.
8. CHECK IN HOUSE S/N VS. OUTGOING S/N ON THE LOG SHEET.

## SPECIAL INSTRUCTIONS FOR BOARD CONFIGURATION

## I. CONFIGURATION SHEET:

- a. SEE REMARKS/SPECIAL INSTRUCTIONS SECTION.
- b. DATA PRODUCTS: (THIS IS THE NORM)
  - W23-7 = IN = STROBE. NEAR D-1 (FOILED)
  - W23-6 = OUT = STROBE. NEAR D-1
  - W23-4 = OUT = PF. NEAR A-4
- c. CENTRONICS: (THIS MUST BE SPECIFIED)
  - W23-6 = IN = STROBE. NEAR D-1
  - W23-7 = OUT = STROBE. NEAR D-1
  - W23-4 = IN = PF. NEAR A-4

## III. PROM LABELS:

- a. U-9 = P25-01.
- b. T-9 = P24-01.

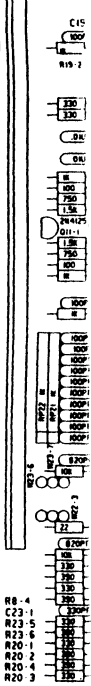
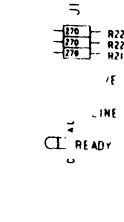
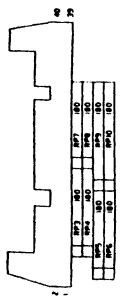
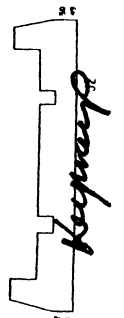
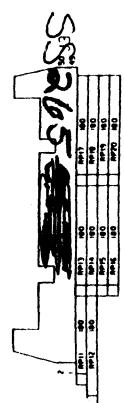
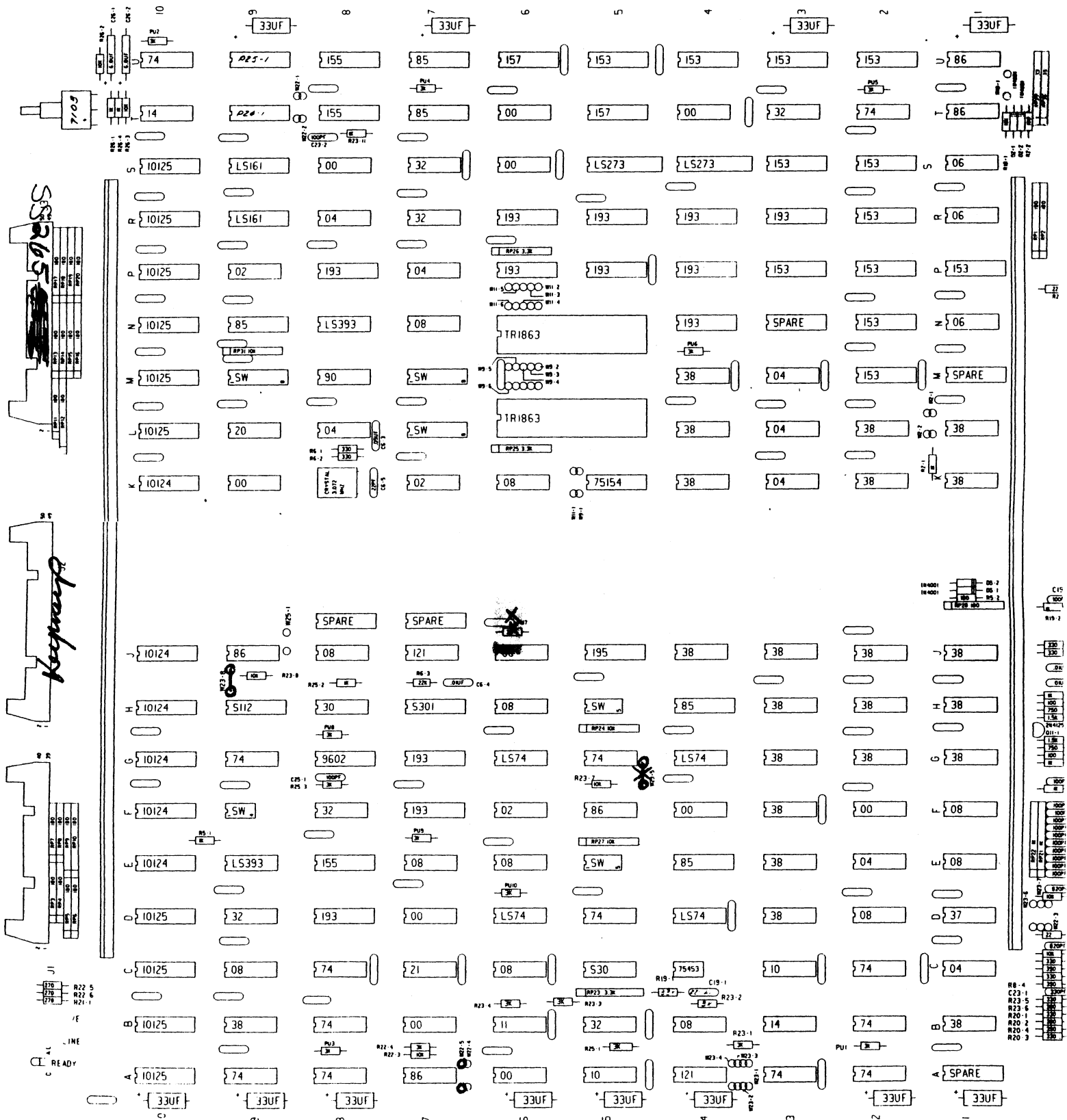
## IV. SEE PRINT FOR:

- a. W25-1 NEAR J-9 WITH VECTOR PINS AND JUMPER.
- b. W22-5 NEAR A-7 WITH VECTOR PINS ONLY. (NO VECTOR PINS AT W22-4)
- c. W23-5 NEAR G-5 WITH VECTOR PINS AND JUMPER.
- d. CUT NEAR J-6 ON BOTH SIDES OF .05 CAP LEG, NEAR THE BOTTOM OF THE BOARD, TO ISOLATE THE CAP.
- e. NEAR F-5, CUT FOIL AT W23-5.

## V. SWITCH SETTINGS:

- a. M-9 (DEV CODE 17): 7 & 8 ON.
- b. F-9 (STROBE WIDTH): 1 ON.
- c. E-5: 1-OFF, 2-5 ON. NOVA 4 IS STANDARD FOR CRAY.
- d. M-7 & L-7: 2-ON, ALL OTHERS OFF.
- e. H-5: 1 & 3 OFF, ALL OTHERS ON.

# S.S.V



12-29-88

BOARD # 041-025-00 A (OLD# 238-XX3)

MODEL # CTT-1

CONFIGURATION FOR: CRAY RESEARCH.

CHECK BEFORE COVER INSPECTION REFERENCE

1. STANDARD DESCRIPTION: CTT-1.
2. METAL CASE: CTT-1.
3. BOARD ASM. REV.: 500-238-01 *1.6*
4. METAL BOX FINAL ASM. NUMBER: 500-270-00 *1.F*
5. REV. OF PROMS: P21-02, NOT VISABLE SEE NOTE ON STEP 6.
6. REV. OF EPROMS: P16-01, P17-01. NOTE: THIS IS NOT VISABLE IT IS RECORDED ON THE TRAVELLER. TRANSFER THIS INFORMATION TO THE SERIAL LOG SHEET.
7. CHECK IN HOUSE S/N VS. OUTGOING S/N ON THE LOG SHEET.  
NOTE: THE IN-HOUSE SERIAL NUMBER AND ASM. REV. ARE WRITTEN ON THE TRAVELLER. RECORD THIS INFORMATION ON THE SERIAL LOG SHEET BEFORE YOU REMOVE THE TRAVELLER FROM THE CASE.

SPECIAL INSTRUCTIONS FOR BOARD CONFIGURATION

- I. CONFIGURATION SHEET
  - a. SEE REMARKS/SPECIAL INSTRUCTIONS SECTION.
  - b. CHECK SWITCH ON THE POWER SUPPLY TO ENSURE THAT THE VOLTAGE IS SET FOR 120 VOLTS.
- II. MICRO MUTT CASE
  - a. TEN MOUNTING SCREWS ON THE BACK OF THE CASE.
  - b. THE FRONT PANEL MUST BE RECESSED. IF NOT THE CASE IS ON BACKWARDS.
  - c. VERIFY MINIMUM STICK-THROUGH OF THE LED THROUGH THE CASE.
  - d. VERIFY SWITCH IS OPERABLE.
  - e. MAKE SURE THERE ARE FOUR FEET ON THE BOTTOM OF THE CASE.
  - f. CHECK SILKSCREEN THAT IT READS CTT-1!!!!!!!!!!!!!!!!!!!!

***** CTS-1 *****

1. TERMINAL SWITCH (PANEL) ASM. REV. 500-270-01 C.
2. METAL BASE FINAL ASM. REV.=850-010-00 B.
3. DO NOT SERIALIZE.
4. FLIP SWITCHES BACK & FORTH TO ENSURE THEY WORK.
5. CHECK THAT NO TRAVELLER IS TAPED TO THE BOTTOM OF THE CASE.



NO NEW PART NUMBERS OR UPDATED MATRIX AVAILABLE

Model WW-240 Dual Device Wirewrap  
-----

- (1) Controller
- (1) Logics
- (1) Board Cover

Note: Are pins & Sockets on board or packaged as kit

3-14-86

BOARD # 100

MODEL # 240  
ARTWORK # 00

CUSTOMER CONFIGURATION FOR: ALL CUSTOMERS.

CHECK BEFORE COVER INSPECTION REFERENCE

1. STANDARD DESCRIPTION: GENERAL WIRE WRAP, DUAL DEVICE.
2. HANDLE: DUAL DEVICE WIRE WRAP.
3. ASM. REV.: SEE NOTE BELOW.
4. REV. OF PROMS: NONE.
5. REV. OF EPROMS: NONE.
6. KEYWAY TABS: NONE.
7. CHECK IN HOUSE S/N VS. OUTGOING S/N ON THE LOG SHEET.

SPECIAL INSTRUCTIONS FOR BOARD CONFIGURATION

I. CONFIGURATION SHEET:

THERE ARE 3 OPTIONS ON THIS BOARD:

- |        |                  |                  |
|--------|------------------|------------------|
| 1) 240 | STANDARD         | ASM REV. = B10-2 |
| 2) 241 | 16 BIY I/O       | ASM REV. = B09-1 |
| 3) 243 | WIRE WRAP PINS   | ASM REV. = B08-1 |
| 4) 244 | PINS AND SOCKETS | ASM REV. = B08-1 |
- A) FOR THIS OPTION DO NOT INSTALL 3 CENTER ROW SOCKETS, BAG AND SEND. ALSO PINS MUST BE INCLUDED WITH THE SOCKETS IF THEY AREN'T ALREADY INSTALLED.

NOTES:

- 1) FOR ASM REV WHICH EVER OPTIONS HAVE BEEN ORDERED SHOULD HAVE IT'S REV. WRITTEN ON THE BOARD.
- 2) CHECK FOR WORKMANSHIP VERY CLOSELY, IF WIRES ARE ON THE BOARD MAKE SURE THERE IS ENOUGH SLACK ON THEM, ALSO THEY SHOULD BE TIED DOWN BY LITTLE WRAPS.

*****  
 * BRIEF DISCRIPTION OF WHAT EACH OPTION INCLUDES *  
 *****

OPTION 240: NO CHIPS AT D-4 THRU 11 BUT MANY OTHER IC'S AND DISCRETES.

OPTION 241: CHIPS AT D-4 THRU 11.

OPTION 243: PINS ONLY.

OPTION 244: PINS AND SOCKETS ONLY.

12-30-87

BOARD # 041-091-00 A

MODEL # DC-292

SALES NUMBER: 20 MB=900-080-00 A.  
42 MB=900-080-01 A.

CUSTOMER CONFIGURATION FOR: VERMONT RESEARCH.

CHECK BEFORE COVER INSPECTION REFERENCE

1. STANDARD DESCRIPTION: DC-292 (GEM).
2. HANDLE: NONE.
3. ASSEMBLY REVS: ZETACO'S 20 MB: 500-417-00 F.  
ZETACO'S 40 MB: 500-417-01 D.  
VERMONT RESEARCH: 057-A-0820-00 B.  
SEE PRINT FOR LOCATION.
4. REV. OF PROMS: SEE STEP I UNDER SPECIAL INSTRUCTIONS FOR BOARD CONFIGURATION.
5. REV. OF COUNT & CONTROL: 00.
6. REV. OF EC PROM: 04.
7. KEYWAY TABS: YES.
8. STANDOFFS: NO.
9. COVER: NO.
10. CHECK IN HOUSE S/N VS. OUTGOING S/N ON THE LOG SHEET.

SPECIAL INSTRUCTIONS FOR BOARD CONFIGURATION

- I. SEE DESCRIPTIONS FOR FOR 20 MB OR 42 MB PROM SET.  
SEE REMARKS/SPECIAL INSTRUCTION SECTION.

	20 MB EQUALS	42 MB EQUALS
(A-8) B1	P154-01	P191-00
(B-8) B2	P155-01	P192-00
(C-8) B3	P156-01	P193-00
(D-8) B4	P157-01	P194-00
(E-8) B5	P158-01	P195-00
(F-8) B6	P159-01	P196-00

- II. SWITCH SETTING: W18-1 ON (NEAR C/D-10) ON=PUSHED DOWN.  
W18-3 ON (NEAR J/K-10) ON=PUSHED DOWN.

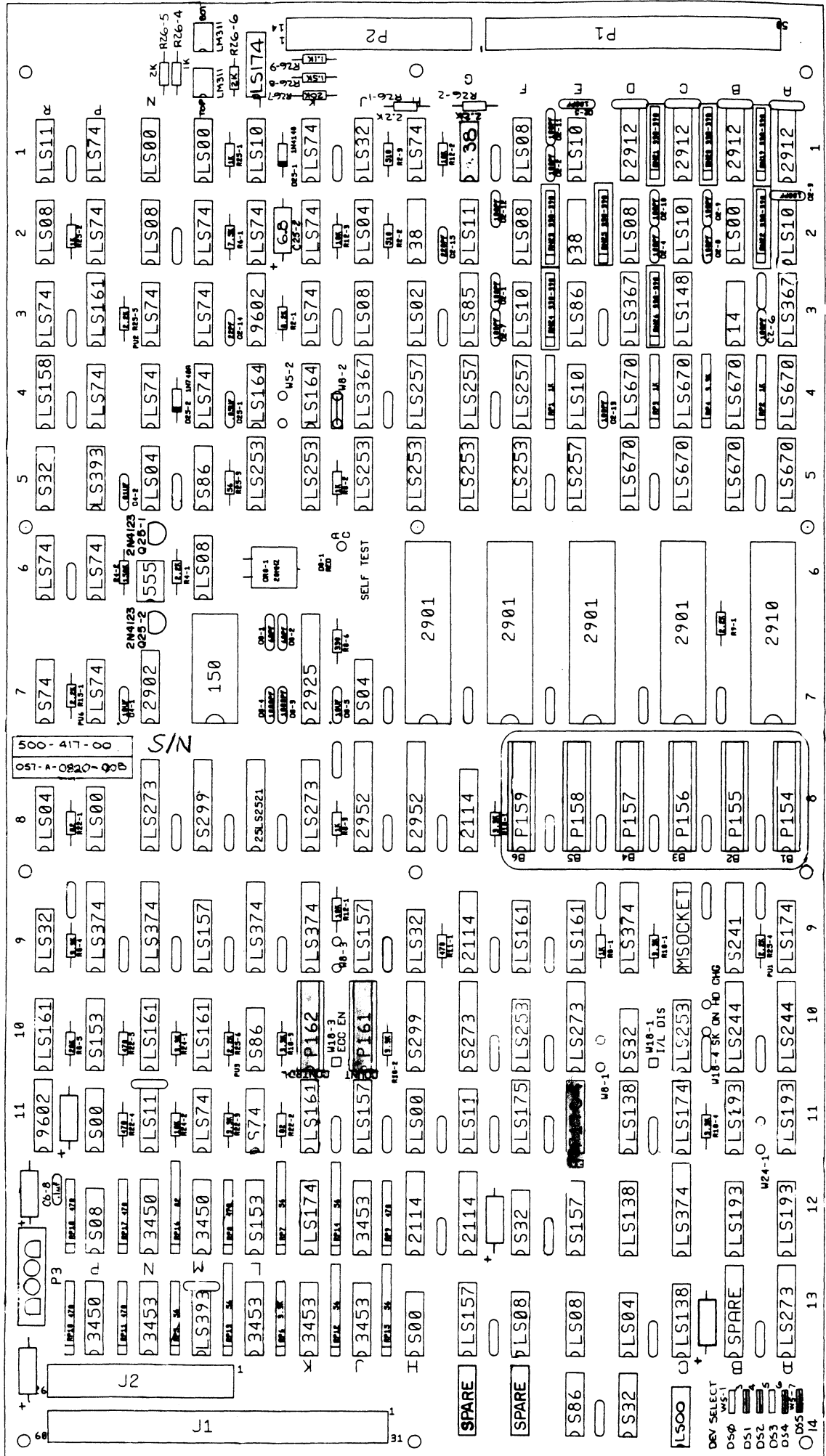
- III. JUMPERS: W8-2 IN (NEAR J-4).

- IV. DEVICE CODE 33 (STANDARD):  
THE FOLLOWING JUMPERS MUST BE IN (AT A/B-14), SEE PRINT.
  - a. DS-1.
  - b. DS-2.
  - c. DS-4.
  - d. DS-5.



500-417-00  
ZOMB

DC-292



(GEM/VRC)

12-31-87

BOARD # 041-034-00 A (OLD# 248-1F4)

MODEL # DC-295

SALES NUMBER: 900-043-00 A.

CONFIGURATION FOR: ALL CUSTOMERS.

CHECK BEFORE COVER INSPECTION REFERENCE

1. STANDARD DESCRIPTION: DC 295.
2. HANDLE: DC 295 J1, J2, J3, J4, J5 (SEE PRINT).
3. ASM. REV.: 500-248-00 T.
4. REV. OF PROMS: -0E.
5. REV. OF EPROMS: -09.
6. KEYWAY TABS: YES.
7. COVER: DC-295 P/N 040-007-00.
8. CHECK IN HOUSE S/N VS. OUTGOING S/N ON THE LOG SHEET.

SPECIAL INSTRUCTIONS FOR BOARD CONFIGURATION

I. CONFIGURATION SHEET:

- a. EMULATION: (NEAR E/F-2)  
60XX= W6-1 IN                      61XX= CAN'T BE CHECKED  
                  W6-2 OUT                      FOR DC 295 PLAIN.
- b. SEE REMARKS/SPECIAL INSTRUCTIONS SECTION.

II. WIRES AND CUTS:

- a. MAKE SURE "C" MODS ARE REMOVED. (SEE NEXT PAGE FOR LIST.)

III. NUCLETRON (MEDICAL DATA):

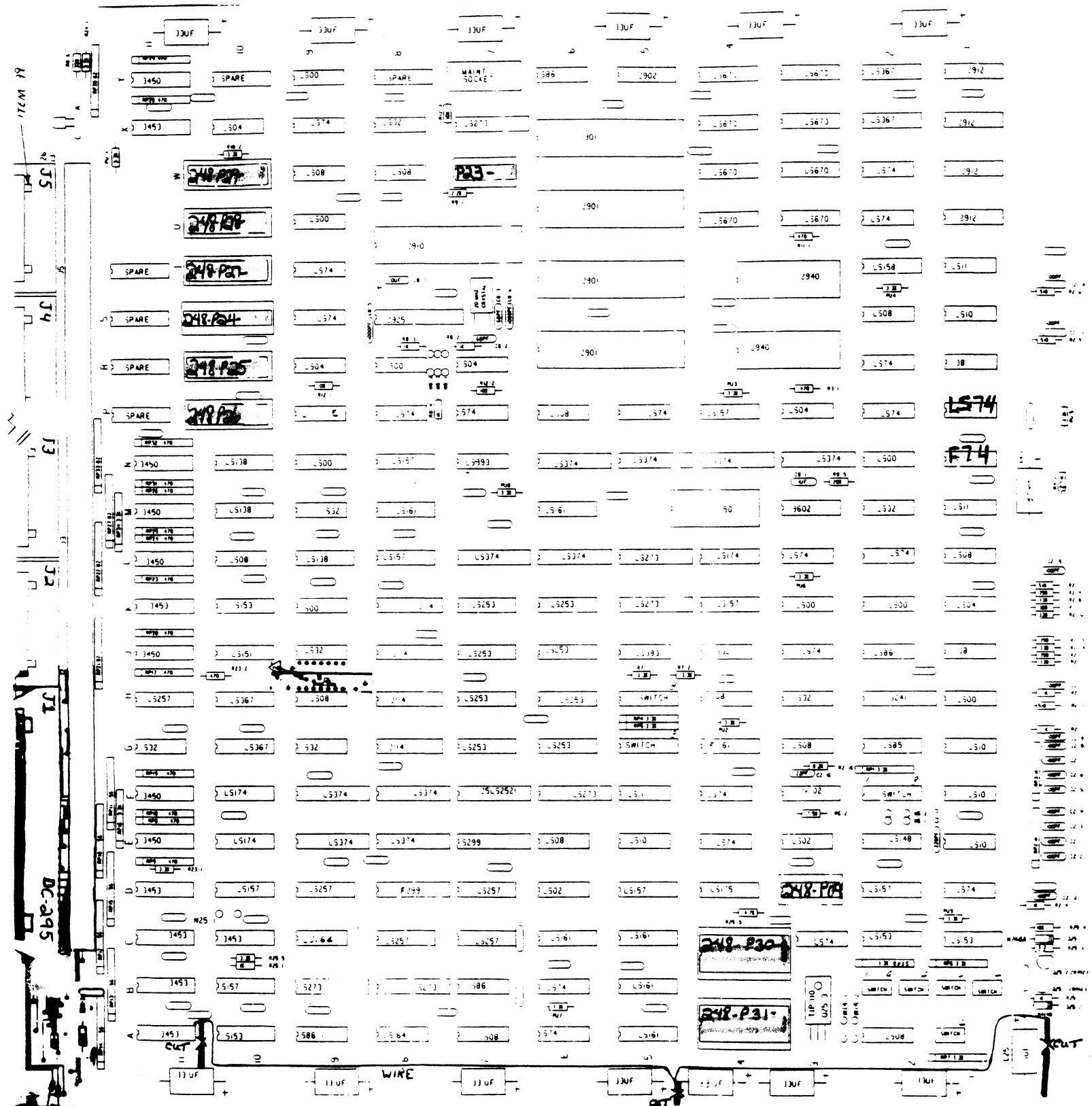
- a. REQUIRES SECTOR SLIP:  
(WHEN SALES CALLS FOR MDS FIRMWARE THIS IS WHAT THEY WANT.)  
SWITCH AT H-5 #6 ON  
SWITCH AT G-5 #8 OFF

IV. SEE PRINT FOR PROM & EPROM LABELS AND LOCATION.

* FOR WELEX SPECIAL OPTION SEE SEPARATE CHECK BEFORE COVER INSPECTION REFERENCE.

*****NOTE***** ACTION/HONEYWELL/COMM. NETWORK, DIGILAB AND NUCLETRON (MEDICAL DATA) NEVER RECEIVE DC-295C. IF IT IS ORDERED ON THE O. A. CARD OR THE CONFIGURATION SHEET QUESTION IT.

# DC-295



295 C MODS  
Be Sure these are Removed

~~P~~R-1 = LS74 for Plain  
N-1 = F74 " "

47. Rework for 248-A01-1F4 artwork used on new Assembly 248-B46-1F0:

- a) Lift the following pins:
  - 1. C3-12
  - 2. M3-12
  - 3. D1-11
- b) Add the following 30 GA wires:
  - 1. C3-12 to K3-6
  - 2. M3-12 to P8-12
  - 3. RP-7 to G3-10
  - 4. E3-2 to D1-11

48. The above rework for assembly # 383-D.

49. Rework for all Rev.'s:

- a) Remove rework steps 46a, 46b and 46c.
- b) Lift the following pins:
  - 1. P3-1
  - 2. N2-3
  - 3. M2-13
- c) Add the following 30 GA wires:
  - 1. N2-3 to M2-13
  - 2. M2-11 to P3-1
  - 3. P3-1 to S2-2
- d) The above rework for assembly # 383-000 E.



12-30-87

BOARD # 041-034-00A (OLD# 248-1F4)

MODEL # DC-295C

SALES NUMBER: 900-032-00 A.

CONFIGURATION FOR: ALL CUSTOMERS.

CHECK BEFORE COVER INSPECTION REFERENCE

1. STANDARD DESCRIPTION: DC-295C.
2. HANDLE: DC-295C J1, J2, J3, J4, J5 (SEE PRINT).
3. ASM. REV.: 500-383-00 *AB. AC Spec. Control Change*
4. REV. OF PROMS: -0C.
5. REV. OF EPROMS: -0C.
6. KEYWAY TABS: YES.
7. COVER: DC-295C P/N: 040-008-00.
8. CHECK IN HOUSE S/N VS. OUTGOING S/N ON THE LOG SHEET.

SPECIAL INSTRUCTIONS FOR BOARD CONFIGURATION

I. CONFIGURATION SHEET:

- a. EMULATION: (NEAR E/F-2)  
60XX= W6-1 OUT                      61XX= W6-1 OUT  
          W6-2 OUT                      W6-2 IN
- b. SEE REMARKS/SPECIAL INSTRUCTIONS SECTION.

II. SEE NEXT PAGE TO ENSURE THIS IS A DC-295C.

III. SEE PRINT FOR PROM & EPROM LABELS AND LOCATION.

NOTE: ACTION/HONEYWELL/COMM. NETWORK, DIGILAB AND NUCLETRON (MEDICAL DATA) NEVER RECEIVE DC 295C. IF IT IS ORDERED ON THE O. A. OR THE CONFIGURATION SHEET QUESTION IT.



295 C MODS

---

47. Rework for 248-A01-1F4 artwork used on new Assembly 248-B46-1F0:

- a) Lift the following pins:
  - 1. C3-12
  - 2. M3-12
  - 3. D1-11
- b) Add the following 30 GA wires:
  - 1. C3-12 to K3-6
  - 2. M3-12 to P8-12
  - 3. RP-7 to G3-10
  - 4. E3-2 to D1-11

48. The above rework for assembly # 383-D.

49. Rework for all Rev.'s:

- a) Remove rework steps 46a, 46b and 46c.
- b) Lift the following pins:
  - 1. P3-1
  - 2. N2-3
  - 3. M2-13
- c) Add the following 30 GA wires:
  - 1. N2-3 to M2-13
  - 2. M2-11 to P3-1
  - 3. P3-1 to S2-2
- d) The above rework for assembly # 383-000 E.

RECEIVED MAR 0 6 1986

REV	ECO	DESCRIPTION	DATE	CHKD	APP
J	0509	PER ECO	10 85	CJK	
K	0511	PER ECO	10 85	LAT	
L	0532	PARTS LIST CHANGE	12 85	CJK	
M	0553	ADD DISK CHAR	2 86	BAP	
N	0557	ADD UNTESTED DIO	2 86	BAP	
P	0579	REPL DISK CHAR	2 86	BAP	

**ZETACORP**  
© 1985 Zetec Inc

**TOP ASSY**  
DC-295

**REVISION RECORD**

**DO NOT SCALE DRAWING**

**TOLERANCES**  
1 PLACE ± .01  
2 PLACE ± .01  
3 PLACE ± .01

**UNLESS OTHERWISE SPECIFIED**

**ANGLES**  
1 30  
2 30

**THIS DOCUMENT CONTAINS CONFIDENTIAL OR PROPRIETARY INFORMATION OF ZETACORP INC. NEITHER THE DOCUMENT NOR THE INFORMATION HEREIN IS TO BE REPRODUCED, DISTRIBUTED, ORAL OR DISCLOSED EITHER IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM.**

**FOR REFERENCE ONLY**

**MODEL**  
DC-295  
DC-295C  
WELLEX SPECIAL OPT.

**OPTIONS**  
ARMORABLE ASSY 165  
BRN. ARMORABLE ASSY 165  
MAX. APPENDIX FOR MDS

**PARTS**

**CABLES**  
500-079-01 B  
500-082-01 A

**SOFTWARE PACKAGE**  
400-284-00 A

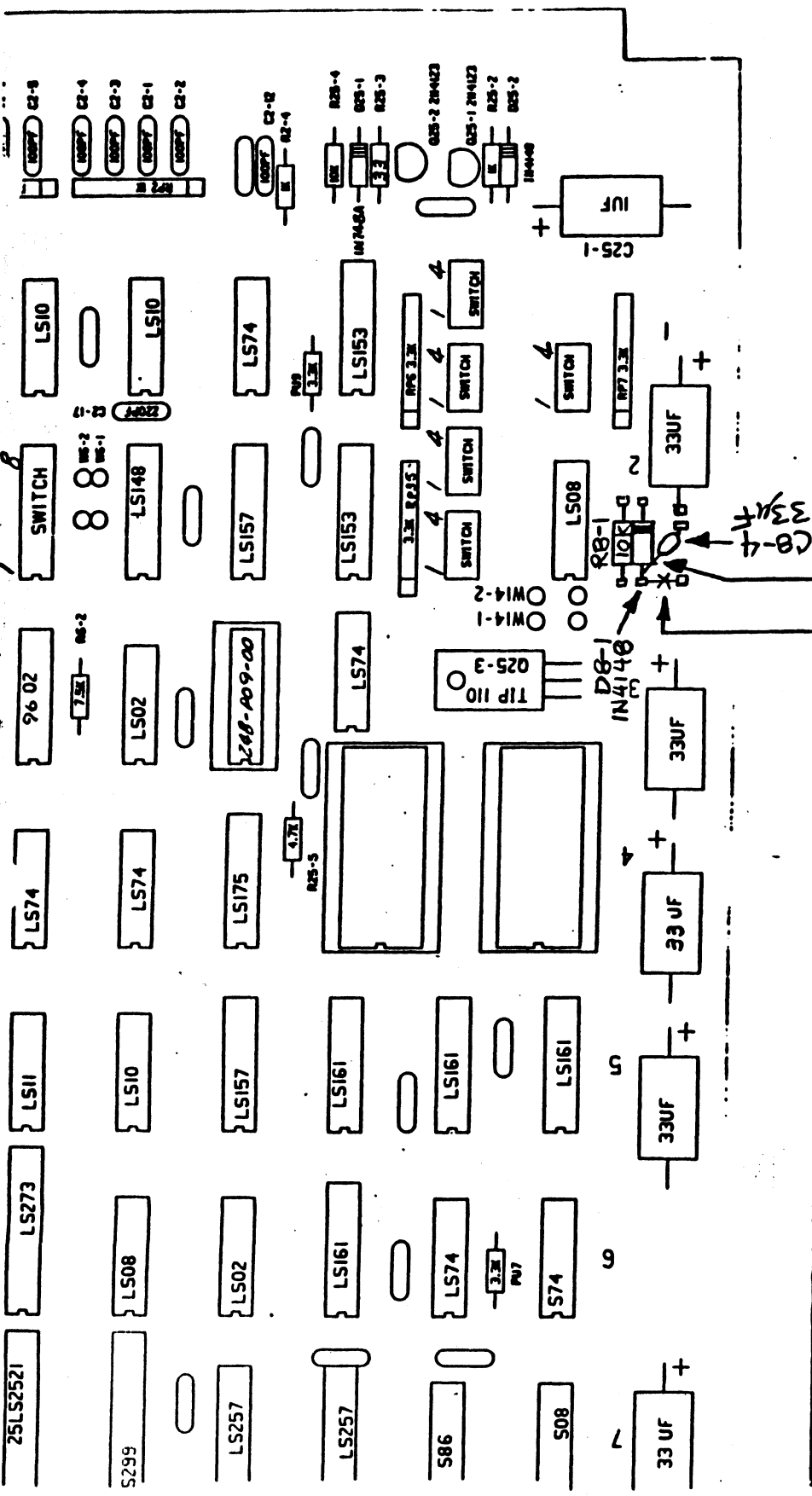
**BOARD ASSEMBLY**  
500-248-00 H  
500-383-00 L  
500-298-01 D

**TECHNICAL MANUAL**  
600-298-00 B  
600-298-01 B  
600-298-02 A  
600-383-00 E

**SCHEMATICS**  
700-248-00 C  
700-248-01 C  
700-383-00 C

**B** DRAWING NO  
800-248-00

←



FOIL "A"  
 "+" side of C8-4  
 (Red Dot) towards  
 Diode D8-1

BOARD # 041-034-00A (OLD# 248-1F4)

MODEL # DC-295

CONFIGURATION FOR: WELEX.

## CHECK BEFORE COVER INSPECTION REFERENCE

1. STANDARD DESCRIPTION: WELEX SPECIAL OPTION.
2. HANDLE: DC-295 J1, J2, J3, J4, J5 (SEE PRINT).
3. ASM. REV.: 500-248-01 ~~N.P~~
4. REV. OF PROMS: -00. *Proms + EP's ? new*
5. REV. OF EPROMS: -09.
6. KEYWAY TABS: YES.
7. COVER: DC-295 P/N: 040-007-00.
8. CHECK IN HOUSE S/N VS. OUTGOING S/N ON THE LOG SHEET.

## SPECIAL INSTRUCTIONS FOR BOARD CONFIGURATION

## I. CONFIGURATION SHEET:

- a. EMULATION: (NEAR E/F-2)
  - 60XX= W6-1 IN (FOILED)    61XX= CAN'T BE CHECKED FOR WELLEX
  - W6-2 OUT (FOILED)        OPTION.

NOTE: 61XX MAY BE MARKED N/A BECAUSE THIS IS NOT AN OPTION FOR THIS BOARD SO THE BOARD IS LEFT AS IS.
- b. SEE REMARKS/SPECIAL INSTRUCTIONS SECTION.

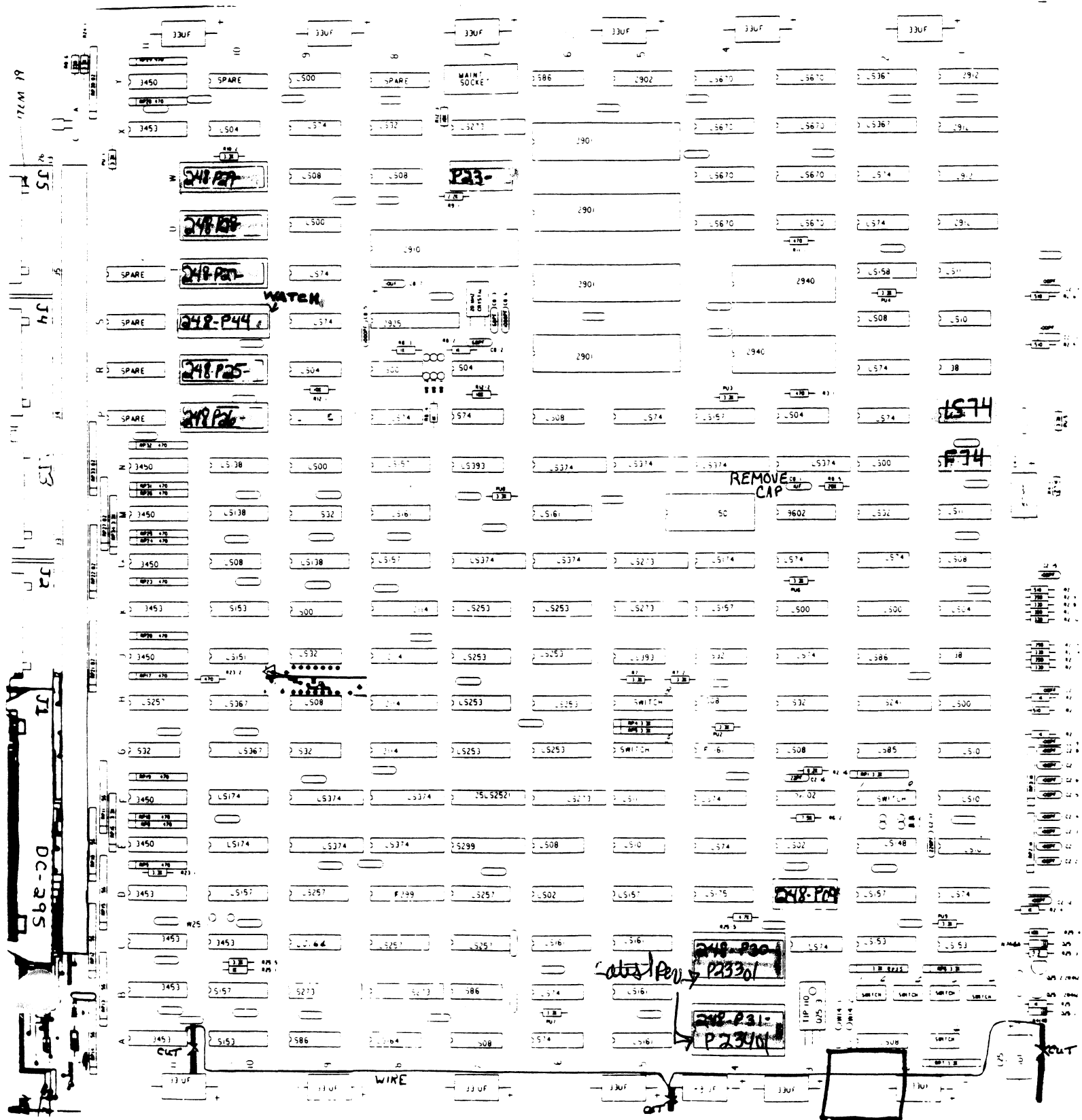
## II. WELLEX MODS, WIRES AND CUTS:

- a. C3-4 TO C3-2 TO C3-14.
- b. C3-3 TO P1-11.
- c. LIFT PIN P1-12 AND ADD WIRE TO C3-5.
- d. C3-1 TO N1-9.
- e. SEE PRINT FOR ADDITIONAL MODS.
- f. MAKE SURE "C" MODS HAVE BEEN REMOVED. (SEE NEXT PAGE FOR LIST.)

## III. SEE PRINT FOR PROM &amp; EPROM LABELS AND LOCATION.

# WELLEX OPTION

## DC-295



SEE OPPOSITE PAGE FOR

12-30-87

ARTWORK# 284-2N1. NEW # 041-051-00A.

MODEL # 296 SMD

SALES NUMBER: 900-033-00 A.

CUSTOMER CONFIGURATION FOR: 296 PLAIN

CHECK BEFORE COVER INSPECTION REFERENCE

1. STANDARD DESCRIPTION: DC-296.
2. HANDLE: DC-296.
3. ASM. REV.: 500-384-00 U.
4. REV. OF PROMS: 0E.
5. REV. OF EPROMS: 09.
6. KEYWAY TABS: NONE.
7. WARNING STICKER: YES.
8. COVER: DC-296 P/N: 040-014-00.
9. CHECK IN HOUSE S/N VS. OUTGOING S/N ON THE LOG SHEET.

SPECIAL INSTRUCTIONS FOR BOARD CONFIGURATION

- I. CONFIGURATION SHEET: SEE DG EMULATION SECTION.
    - a. 60XX = JUMPERS W6-1 IN W6-2 OUT ,( NEAR E/F-2 ).
    - b. 61XX = 296 PLAIN CANNOT BE EMULATED FOR 61XX.
  - II. SEE PRINT FOR PROM AND E-PROM LABELS AND LOCATION.
  - III. SEE NEXT PAGE TO ENSURE THIS IS A DC-296.
- ** NOTE: CDC, AUTO CON, COMM. NETWORK, HONEY WELL OR ACTION ONLY GET 296 NEVER 296C.



296 C Mods  
Be sure these are removed

---

14. Lift the following pins

- A) C3-12
  - B) M3-12
  - C — C) D1-11
- Add the following 30 ga wire
- A) C3-12 to K3-6
  - B) M3-12 to P8-12
  - C) RP7-7 to G3-10
  - C — D) E3-2 to D1-11

15. Lift pin J7-13.

16. Add wire from IC J7-13 to J5-5.

17. Add wire from S9-4 to X9-4.

18. The above rework for assembly # 284-D.

**REWORK FOR ALL REV'S OF ARTWORK**

19. Remove rework steps 6, 7 and 8.

C 20. Lift the following pins

- A) P3-1
- B) N2-3
- C) M2-13

Add the following 30 ga wires

- A) N2-3 to M2-13
- B) M2-11 to P3-1
- C) P3-1 to S2-2

21. The above rework for assembly # 284-000 E.



12-30-87

ARTWORK# *284-A01-2N1*, NEW # 041-051-00A.

MODEL # 296C SMD

SALES NUMBER: 900-034-00 A.

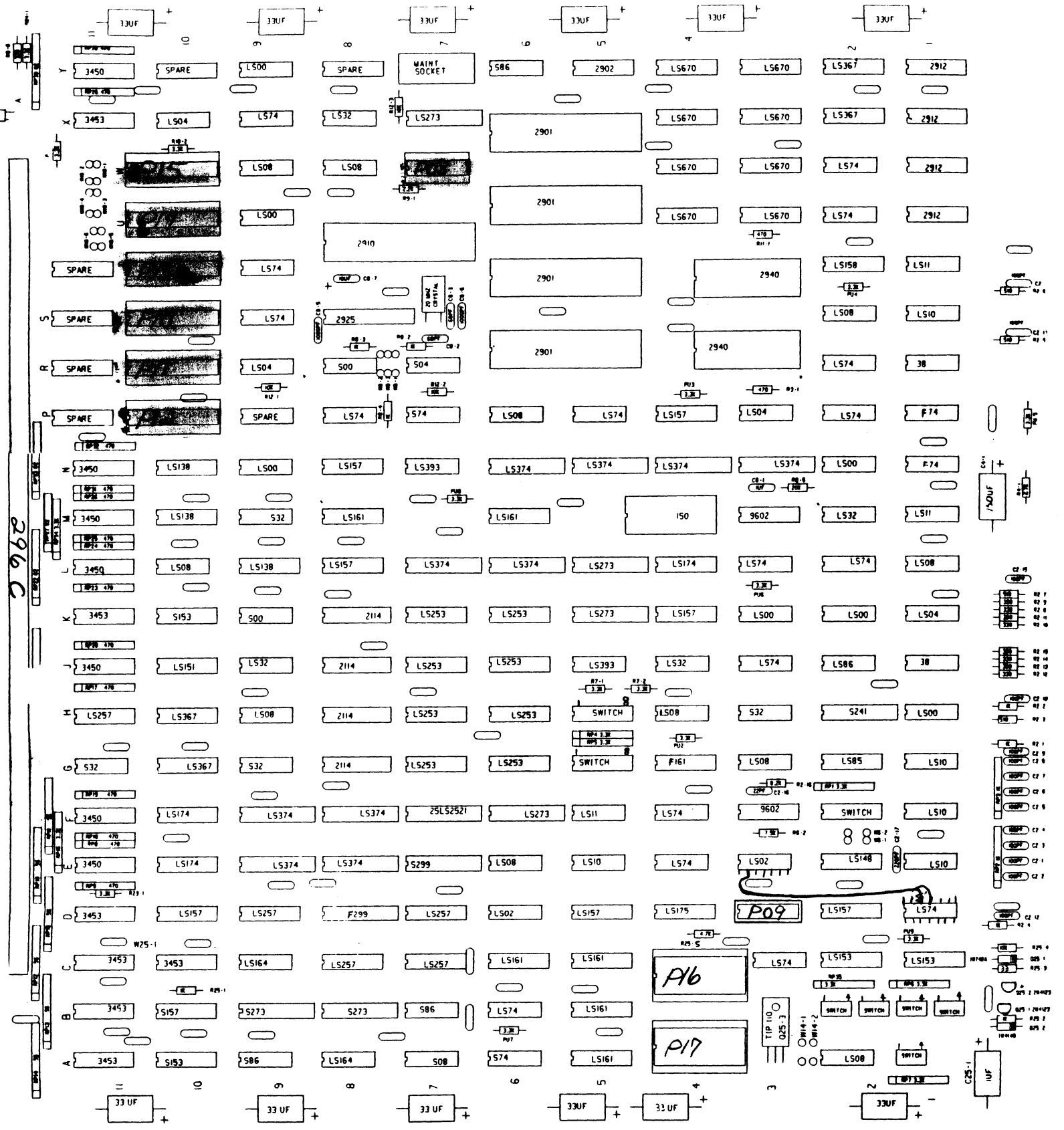
CONFIGURATION FOR: 296C SMD.

CHECK BEFORE COVER INSPECTION REFERENCE

1. STANDARD DESCRIPTION: DC-296C.
2. HANDLE: DC-296C.
3. ASM. REV.: 500-284-00 *AE. AD Spec. control change*
4. REV. OF PROMS: 0C
5. REV. OF EPROMS: 0C.
- ~~6. KEYWAY TABS: N/A.~~
7. WARNING STICKER: YES.
8. COVER: DC-296C P/N: 040-013-00.
7. CHECK IN HOUSE S/N VS. OUTGOING S/N ON THE LOG SHEET.

SPECIAL INSTRUCTIONS FOR BOARD CONFIGURATION

- I. CONFIGURATION SHEET: SEE DG EMULATION SECTION.
    - a. 60XX = JUMPERS W6-1 OUT W6-2 OUT , (NEAR E/F-2).
    - b. 61XX = JUMPERS W6-1 OUT W6-2 IN , (NEAR E/F-2).
  - II. SEE PRINT FOR PROM AND E-PROM LABELS AND LOCATION.
  - III. SEE NEXT PAGE FOR SPECIAL MODS FOR 296C. CHECK A FEW OF THEM TO MAKE SURE THEY ARE ON THE BOARD.
- ** NOTE:** CDC, AUTO CON, COMM. NETWORK, HONEYWELL OR ACTION ONLY GET 296 NEVER 296C.



296C

## 296 "C" Mods

14. Lift the following pins

A) C3-12

B) M3-12

C — C) D1-11

Add the following 30 ga wire

A) C3-12 to K3-6

B) M3-12 to P8-12

C) RP7-7 to G3-10

C — D) E3-2 to D1-11

15. Lift pin J7-13.

16. Add wire from IC J7-13 to J5-5.

17. Add wire from S9-4 to X9-4.

18. The above rework for assembly # 284-D.

### REWORK FOR ALL REV'S OF ARTWORK

19. Remove rework steps 6, 7 and 8.

C 20. Lift the following pins

A) P3-1

B) N2-3

C) M2-13

Add the following 30 ga wires

A) N2-3 to M2-13

B) M2-11 to P3-1

C) P3-1 to S2-2

21. The above rework for assembly # 284-000 E.

5-18-87

BOARD # 041-036-00 A (OLD# 250-A01-1H0)

MODEL # MX-340

CUSTOMER CONFIGURATION FOR: ALL CUSTOMERS.

CHECK BEFORE COVER INSPECTION REFERENCE

1. STANDARD DESCRIPTION: MX-340.
2. HANDLE: DATA CHANNEL SYNC. 40/41.  
IF THIS ORDER IS FOR CDC OR AUTOCON THEN CDC'S P/N  
56587977 MUST BE ON THE HANDLE.
3. ASM. REV.: 500-250-00 *A.B change to F161 @ A4, B3, B4*
4. REV. OF PROMS: NONE.
5. REV. OF EPROMS: NONE. *EC02417*
6. KEYWAY TABS: N/A.
7. COVER: 4 HOLE ZETACO P/N: 040-001-00.
8. CHECK IN HOUSE S/N VS. OUTGOING S/N ON THE LOG SHEET.

SPECIAL INSTRUCTIONS FOR BOARD CONFIGURATION

- I. THERE IS NOTHING TO VERIFY ON THE CONFIGURATION SHEET, HOWEVER  
SEE REMARKS/SPECIAL INSTRUCTIONS SECTION.
- V. STANDARD SWITCH SETTINGS:
  - a. SWITCH AT B-5: 1 & 4 ON, ALL OTHERS OFF. THIS SWITCH IS  
EXTERNAL CLOCK SELECT.
  - b. SWITCH AT G-1: ALL ON. THIS SWITCH SETTING IS DEVICE CODE 40.
- VI. CHECK FOR:
  - a. TORROID (121 uH CHOKE) IS GLUED DOWN.
  - b. THE EJECTOR HANDLE MUST BE INSULATED.

BOARD # 041-021-00 B EQUALS NEW ARTWORK.

MODEL # LP-370

SALES NUMBER: 900-082-00 (WITH PIT).

CONFIGURATION FOR: ALL CUSTOMERS.

## CHECK BEFORE COVER INSPECTION REFERENCE

1. STANDARD DESCRIPTION: LP-370. (DMA LINE PRINTER).
2. HANDLE: LP-370 (CENTRONICS OR DATA PRODUCTS) LPT 17 (PIT 43 DISABLED OR PIT 43). SEE OPTION SECTION ON THE CONFIGURATION SHEET FOR PIT DISABLED YES OR NO, SEE STEP I FOR DETAILS.
3. ASM. REV.: 500-220-01 G.
4. REV. OF PROMS: 01.
5. REV. OF EPROMS: N/A.
6. KEYWAY TABS: N/A.
7. COVER: THIS BOARD RECEIVES A LP-370 BOARD COVER.
8. CHECK IN HOUSE S/N VS. OUTGOING S/N ON THE LOG SHEET.

## SPECIAL INSTRUCTIONS FOR BOARD CONFIGURATION

## I. CONFIGURATION SHEET:

1. SEE OPTION PIT SECTION YES OR NO.

NOTE: THE BOARD IS FOILED PIT DISABLED AND W16-1 AND W16-2 ARE NOT SILKSCREENED ON THE BOARD.

PIT DISABLED: W16-1 IN (BETWEEN A-10 & A-11).  
W16-2 OUT (BETWEEN B-8 & B-9).

PIT ENABLED: W16-1 OUT (BETWEEN A-10 & A-11).  
W16-2 IN (BETWEEN B-8 & B-9).

NOTE: IF MV IS CHECKED UNDER CPU SECTION, THEN PIT 43 MUST BE DISABLED.

- II. SEE PRINTER SECTION FOR CENTRONICS OR DATA PRODUCTS INTERFACE: NOTE IF PRINTER MFG. STATES PRINTRONIX, PRINTRONIX CAN BE EITHER CENTRONICS OR DATA PRODUCTS. ONE OF THE INTERFACES MUST BE CHECKED IN ORDER TO INSPECT THIS BOARD.

NOTE: THE BOARD IS FOILED DATA PRODUCTS.

1. DATA PRODUCTS:
  - a. J1302 (NEAR G/H-6) OUT.
  - b. J1303 (NEAR G/H-6) IN.
2. CENTRONICS:
  - a. J1302 (NEAR G/H-6) IN.
  - b. J1304 (NEAR C/D-6) IN.
  - c. J1303 OUT ON SOLDER SIDE.

## III. PROM LABELS:

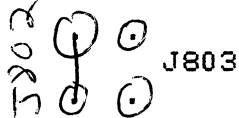
1. J-10: P24-01.
2. H-10: P25-01.

IV. JUMPERS: J1202 IN (NEAR J-3).

V. ADD VECTOR PINS ABOVE SPARE LOCATION AT E-10, AND J802 & J803 ARE NOT SILKSCREENED ON THE BOARD, THEY MUST BE HANDWRITTEN IN WITH WHITE INK, SEE BELOW:

NOTE: DAVF SECTION MUST BE FILLED OUT WHEN OPERATING SYSTEMS IS CHECKED FOR AOS OR AOS/VS, IF RDS IS CHECKED, SET THE BOARD WITH J802 IN. NOTE WHEN BOARD IS SET CENTRONICS, J802 MUST BE IN.

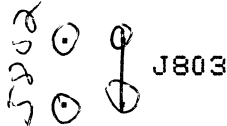
FOR DAVF (AOS-AOS/VS)  NO



E-10:        .   .   .   .   .   .   .  
              .   S   P   A   R   E   .   .  
              .   .   .   .   .   .   .

***NOTE INSTALL J803 IF PRINTER DOES NOT HAVE DAVFU FEATURE.

FOR DAVF (AOS-AOS/VS)  YES



E-10:        .   .   .   .   .   .   .  
              .   S   P   A   R   E   .   .  
              .   .   .   .   .   .   .

***NOTE INSTALL J802 IF PRINTER DOES HAVE DAVFU FEATURE.



*old Artwork*

3-12-86

BOARD # 031-021-00 A (OLD # 210-A01-KK3) MODEL # LP-370  
NOTE: OLD # EQUALS REV. A. REV. B IS NEW ARTWORK, USE REV. B COVERCHECK.

CONFIGURATION FOR: ALL CUSTOMERS.

CHECK BEFORE COVER INSPECTION REFERENCE

1. STANDARD DESCRIPTION: LP-370. (DMA LINE PRINTER).
2. HANDLE: LP-370 (CENTRONICS OR DATA PRODUCTS) LPT 17 (PIT 43 DISABLED OR PIT 43). SEE OPTION SECTION ON THE CONFIGURATION SHEET FOR PIT DISABLED YES OR NO, SEE STEP I FOR DETAILS.
3. ASM. REV.: 500-220-01 C. *Delete 500-220-00*
4. REV. OF PROMS: 01.
5. REV. OF EPROMS: N/A.
6. KEYWAY TABS: N/A.
7. COVER: THIS BOARD RECEIVES A LP-370 BOARD COVER.
8. CHECK IN HOUSE S/N VS. OUTGOING S/N ON THE LOG SHEET.

SPECIAL INSTRUCTIONS FOR BOARD CONFIGURATION

I. CONFIGURATION SHEET:

1. SEE OPTION PIT SECTION YES OR NO. IF NO, THEN THE FOLLOWING REWORK MUST BE INSTALLED. HOWEVER, IF YES, THEN THE FOLLOWING REWORK MUST NOT BE INSTALLED.
  - a. CUT ON THE COMPONENT SIDE AT B-9 BETWEEN PINS 11 & 12.
  - b. ADD A WIRE FROM A10-4 TO A10-7.

NOTE: IF MV IS CHECKED UNDER CPU SECTION, THEN PIT 43 MUST BE DISABLED.

II. SEE PRINTER SECTION FOR CENTRONICS OR DATA PRODUCTS INTERFACE:  
NOTE IF PRINTER MFG. STATES PRINTRONIX, PRINTRONIX CAN BE EITHER CENTRONICS OR DATA PRODUCTS. ONE OF THE INTERFACES MUST BE CHECKED IN ORDER TO INSPECT THIS BOARD.

1. CENTRONICS:

- a. J1302 (NEAR G/H-6) CUT FOR CHECKOUT, THEN REINSTALLED (IN).
- b. J1304 (NEAR C/D-6) IN.

2. DATA PRODUCTS:

- a. J1302 (NEAR G/H-6) OUT.
- b. J1303 (NEAR G/H-6) IN.

III. MODS:

1. WIRES: M5-13 TO GROUND & M5-9 TO GROUND.
2. ADD JUMPERS AT:
  - a. J1202 NEAR J-3.
  - b. J1203 NEAR H-1.
  - d. J1204 NEAR H-1.
  - e. J1500 NEAR D-7.
3. FOILED JUMPERS: J1200 OUT NEAR B-7/8 J1201 IN NEAR B-7/8.
4. ADD IC:
  - a. 74LS157 AT F10 & E10.
  - b. 74LS74 AT L7. CHECK THAT PIN ONE IS JUSTIFIED.

*****SEE NEXT PAGE*****

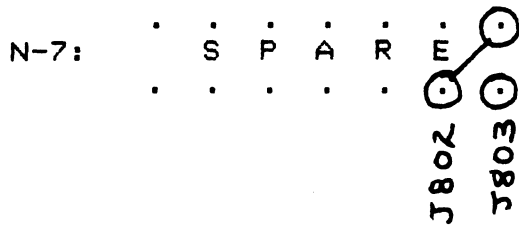
(old artwork)

IV. ADD VECTOR PINS AT:

1. N-7 PINS 6,7 & 8.

- a. AUGAT MUST BE INSTALLED PER DRAWING. SEE BELOW.
- b. LABEL THESE TWO POSITION AS FOLLOWS. SEE BELOW.

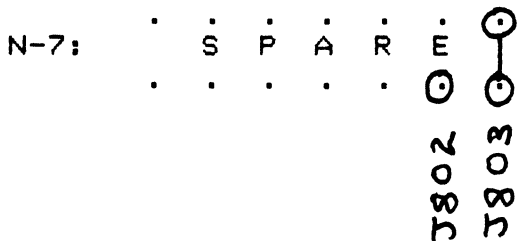
FOR DAVF (AOS-AOS/VS)  NO



***NOTE INSTALL J802 IF PRINTER DOES NOT HAVE DAVFU FEATURE.

NOTE WHEN BOARD IS SET CENTRONICS, J802 MUST BE IN.

FOR DAVF (AOS-AOS/VS)  YES



***NOTE INSTALL J803 IF PRINTER DOES HAVE DAVFU FEATURE.

NOTE: DAVF SECTION MUST BE FILLED OUT WHEN OPERATING SYSTEMS IS CHECKED FOR AOS OR AOS/VS, IF RDO5 IS CHECKED, SET THE BOARD WITH J802 IN.

V. PROM LABELS:

- 1. J-10: 220-P24-01.
- 2. H-10: 220-P25-01.

BOARD # 041-030-00 A (OLD# 244-A01-1B2)

MODEL # SS-400

CONFIGURATION FOR ALL CUSTOMERS EXCEPT CALMA. FOR CALMA SEE PREVIOUS PAGE.

## CHECK BEFORE COVER INSPECTION REFERENCE

1. STANDARD DESCRIPTION: SS-400.
2. HANDLE: THE FOLLOWING IS THE STANDARD HANDLE HOWEVER IF ANY PORTION OF THE BOARD HAS BEEN DISABLED OR A DIFFERENT DEVICE CODE IS ORDERED THE HANDLE MUST BE MODIFIED ACCORDINGLY. NOTE ANY DISABLEMENT MUST BE STATED ON THE HANDLE.

STANDARD HANDLE: CRT 1 10/11 CRT 2 50/51 8 CH. MUX 34 LINES 0-7  
RTC 14 DATA PRODUCTS LPT 17 *OR* CENTRONICS LPT 17.

EXAMPLE OF A MODIFIED HANDLE: CRT 10/11 CRT 2 50/51 8 CH. MUX 46  
LINES 0-7 RTC DISABLED LPT 17 DISABLED.

3. ASM. REV.: 500-244-00 B.
4. REV. OF PROMS: -02.
5. REV. OF EPROMS: N/A.
6. EEPROM: N/A.
7. KEYWAY TABS: YES.
7. CHECK IN HOUSE S/N VS. OUTGOING S/N ON THE LOG SHEET.

## SPECIAL INSTRUCTIONS FOR BOARD CONFIGURATION

- I. CONFIGURATION SHEET:
  - a. SEE CPU SECTION: IF NOVA 3: J8-1 IN, J8-2 OUT.  
IF NOVA 4: J8-1 OUT, J8-2 IN.  
NOTE IF ECLIPSE SET NOVA 4.  
J8-1 AND J8-2 MUST HAVE VECTOR PINS.
- II. CHECK FOR:
  - a. 121 uH CHOKE MUST BE GLUED DOWN.
- III. PROM LABELS: 244-P03-02 AT C-6, 244-P04-02 AT N-2.
- IV. SEE REMARKS/SPECIAL INSTRUCTIONS.
- V. BOARD CONFIGURATIONS:
  - A. CENTRONICS: NOTE THE BOARD IS FOILED FOR CENTRONICS.
    - a. J19-5 IN (NEAR S-3).
    - b. SWITCH AT X-1: 1, 2 & 8 ON, ALL OTHERS OFF.
  - B. DATA PRODUCTS:
    - a. J19-5 OUT (NEAR S-3)
    - b. SWITCH AT X-1: 1, 2, 7 & 8 ON, ALL OTHERS OFF.
  - C. DISABLE 1ST SERIAL PORT, 2ND SERIAL PORT, LPT AND/OR RTC.
    1. DISABLE 1ST SERIAL PORT:
      - a. J16-1 OUT (NEAR T-2).
      - b. J16-2 IN (NEAR T-2).
    2. DISABLE 2ND SERIAL PORT:
      - a. J20-3 OUT (NEAR T-2).
      - b. J20-4 IN (NEAR T-2).

3. DISABLE LPT (LINE PRINTER):
    - a. J18-5 IN (NEAR T-1)
    - b. J18-4 OUT (NEAR T-1)
    - c. IF DISABLED SWITCH AT X-1 AND JUMPER J19-5 CAN BE ANY WAY.
  4. DISABLE RTC (REAL TIME CLOCK):
    - a. J22-1 IN NEAR W-9.
- D. ENABLE DEVICE CODES:
1. DEVICE CODE 34 (STANDARD):
    - a. J3-1 IN (NEAR Z-6).
    - b. J3-2 IN (NEAR T-5).
  2. DEVICE CODE 36:
    - a. J3-1 IN (NEAR Z-6).
    - b. J3-2 OUT (NEAR T-5).
    - c. J3-3 IN (NEAR S-6).
  3. DEVICE CODE 44:
    - a. J3-1 OUT (NEAR Z-6).
    - b. J3-2 IN (NEAR T-5).
  4. DEVICE CODE 46:
    - a. J3-1 OUT (NEAR Z-6).
    - b. J3-2 OUT (NEAR T-5).
    - c. J3-3 IN (NEAR S-6).
- E. TERMINET:
- a. J19-3 OUT (AT S-3).
  - b. J19-4 IN (AT S-3).
  - c. J19-5 IN (AT S-3).
  - d. J18-1 IN (NEAR Y-2).
  - e. J18-3 IN (NEAR Y-2).
  - f. SWITCH AT X-1: #7 ON ALL OTHERS OFF.

5-18-87

BOARD # 041-030-00 A (OLD# 244-A01-1B2)

MODEL # SS-400

CUSTOMER CONFIGURATION FOR: CALMA.

CHECK BEFORE COVER INSPECTION REFERENCE

1. STANDARD DESCRIPTION: SS-400.
2. HANDLE: CRT 1 10/11 CRT 2 50/51 8 CH. MUX 34 LINES 0-7.
3. ASM. REV.: 500-244-01 B.
4. REV. OF PROMS: 02.
5. REV. OF EPROMS: N/A.
6. EEPROM: N/A.
7. KEYWAY TABS: NO.
7. CHECK IN HOUSE S/N VS. OUTGOING S/N ON THE LOG SHEET.

SPECIAL INSTRUCTIONS FOR BOARD CONFIGURATION

- I. CONFIGURATION SHEET:
  - a. SEE CPU SECTION: NOVA 4 MUST BE CHECKED.  
NOVA 4: J8-2 IN, J8-1 OUT.  
J8-1 & J8-2 MUST HAVE VECTOR PINS.
- II. PROM LABEL: 244-P03-02 AT C-6.
- III. BOARD COVER: CALMA SS-400 BOARDS DO NOT RECEIVE BOARD COVERS.
- IV. MANUALS & TAPES:
  - a. CALMA RECEIVES ONE MANUAL WITH LISTINGS & ALL OTHER MANUALS WITHOUT LISTINGS PER EACH JOB CARD. CALMA RECEIVES ONE TAPE PER JOB CARD. EXAMPLE: IF THE ORDER IS FOR 12 BOARDS, CALMA WOULD RECEIVE THE FOLLOWING: 1 MANUAL WITH LISTINGS, 11 MANUALS WITHOUT LISTINGS AND ONE TAPE.
- V. CHECK FOR: a. 121 uH CHOKE IS GLUED DOWN.
- VI. SEE REMARKS/SPECIAL INSTRUCTIONS.

*****

IF A FULL HOUSE BOARD IS BEING SHIPPED, CHECK FOR EVERYTHING LISTED ABOVE AND THE FOLLOWING.

- I. ASM. REV. CHANGES TO: 500-244-00 B + ECO 487.
- II. HANDLE CHANGES TO: CRT 1 10/11 CRT 2 50/51 8 CH. MUX 34 LINES 0-7  
RTC 14 DISABLED LPT 17 DISABLED.
- III. INSTALL ECO 0487:
  - a. ADD WIRE FROM P1-12 TO P1-13 (DISABLES LPT BUSY, DONE, INT.).
  - b. ADD WIRE FROM S6-6 TO S6-8 (DISABLES RTC BUSY, DONE).
  - c. ADD WIRE FROM E1-5 TO E1-7 (DISABLES RTC INT., DATA).
  - d. ADD WIRE FROM W1-5 TO W1-7 (DISABLES LPT DATA).
  - e. ADD WIRE FROM X3-12 TO X3-13 (DISABLES RTC INT.).
  - f. ADD WIRE FROM X3-9 TO X3-10 (DISABLES LPT INT.).
  - g. CUT FOILS AT X3-9 AND X3-13 ON THE COMPONENT SIDE.

3. DISABLE LPT (LINE PRINTER):
  - a. J18-5 IN (NEAR T-1)
  - b. J18-4 OUT (NEAR T-1)
  - c. IF DISABLED SWITCH AT X-1 AND JUMPER J19-5 CAN BE ANY WAY.

4. DISABLE RTC (REAL TIME CLOCK):
  - a. J22-1 IN NEAR W-9.

D. ENABLE DEVICE CODES:

1. DEVICE CODE 34 (STANDARD):
  - a. J3-1 IN (NEAR Z-6).
  - b. J3-2 IN (NEAR T-5).

2. DEVICE CODE 36:
  - a. J3-1 IN (NEAR Z-6).
  - b. J3-2 OUT (NEAR T-5).
  - c. J3-3 IN (NEAR S-6).

3. DEVICE CODE 44:
  - a. J3-1 OUT (NEAR Z-6).
  - b. J3-2 IN (NEAR T-5).

4. DEVICE CODE 46:
  - a. J3-1 OUT (NEAR Z-6).
  - b. J3-2 OUT (NEAR T-5).
  - c. J3-3 IN (NEAR S-6).

E. TERMINET:

- a. J19-3 OUT (AT S-3).
- b. J19-4 IN (AT S-3).
- c. J19-5 IN (AT S-3).
- d. J18-1 IN (NEAR Y-2).
- e. J18-3 IN (NEAR Y-2).
- f. SWITCH AT X-1: #7 ON ALL OTHERS OFF.

12-30-87

BOARD # 041-033-00 A (OLD# 247-A01-1E0)

MODEL # MX-352

SALES NUMBER: 900-085-03 0.

CUSTOMER CONFIGURATION FOR: ALL CUSTOMERS.

CHECK BEFORE COVER INSPECTION REFERENCE

1. STANDARD DESCRIPTION: MX-352.
2. HANDLE: PROGRAMMABLE SYNC/U.
3. ASM. REV.: 500-247-02 C.
4. REV. OF PROMS: 00.
5. REV. OF EPROMS: N/A.
6. KEYWAY TABS: YES.
7. COVER: 4 HOLE ZETACO COVER P/N: 040-001-00.
8. CHECK IN HOUSE S/N VS. OUTGOING S/N ON THE LOG SHEET.

SPECIAL INSTRUCTIONS FOR BOARD CONFIGURATION

- I. CONFIGURATION SHEET:  
SEE DG EMULATION. THIS CHECK BEFORE COVER ONLY COVERS 352 ULM 4242.  
FOR 354 AND 356, SEE PREVIOUS COVERCHECK BOOK.
  - A. SEE CPU SECTION FOR NOVA 3 OR NOVA 4.  
NOVA 3 IS FOILED IN THE BOARD, J2-2 MUST BE CUT.
    1. NOVA 3:
      - a. J2-1 OUT NEAR A-10.
      - b. J2-2 IN NEAR A-10.
    2. NOVA 4:
      - a. J2-1 IN NEAR A-10.
      - b. J2-2 OUT NEAR A-10.J2-1 & J2-2 MUST HAVE VECTOR PINS.
  - B. ULM MODS:
    1. J4-1 OUT NEAR G-2.
    2. J7-1 OUT NEAR J10.
    3. J5-1 OUT NEAR K-1.
      - a. IF SWITCH W-4 POS. 1 IS ON, THEN J5-1 WILL OHM OUT AS IF SHORTED. TO VERIFY THAT J5-1 IS OPEN, TURN W-4 POS 1 OFF, OHM JUMPER (J5-1 SHOULD READ OPEN), THEN TURN W-4 POS. 1 BACK ON.
    4. J7-2 OUT NEAR B-10.
    5. J17-2 OUT NEAR G-7.
- II. SWITCH SETTING:
  - A. THE STANDARD DEVICE CODE IS 46,47 (A MUST FOR CALMA).
    1. 46,47 DEVICE CODE: SWITCH AT X-2, #'S 2 & 3 ON, ALL OTHERS OFF.
- III. FROM LABELS:
  1. 247-P17 AT N-3.
  2. 247-P18 AT H-4.
- V. VISUAL:
  - A. TORROID MUST BE GLUED DOWN.
  - B. EJECTOR HANDLES MUST BE COATED.

12-30-87

BOARD # 041-080-00 A. (OLD# 101017-000 A) MODEL # MX-402  
ARTWORK 101017-000 B=NEW ARTWORK AND OLD SILKSCREEN.  
ARTWORK 041-080-00 C=NEW ARTWORK AND NEW SILKSCREEN.  
ARTWORK 041-080-00 D=FIX TYPO ON DRILL DRAWING.

SALES NUMBER: 900-093-00 A.

CUSTOMER CONFIGURATION FOR: CALMA.

CHECK BEFORE COVER INSPECTION REFERENCE

1. STANDARD DESCRIPTION: MX-402.
2. HANDLE: USE SILVER LABEL.
3. ASM. REV.: 500-407-00 E.
4. REV. OF PROMS: -02.
5. REV. OF EPROMS: N/A.
6. KEYWAY TABS: NONE.
7. COVER: MX-402 P/N: 040-025-00.
8. CHECK IN HOUSE S/N VS. OUTGOING S/N ON THE LOG SHEET.

SPECIAL INSTRUCTIONS FOR BOARD CONFIGURATION

- I. CONFIGURATION SHEET: SEE CPU SECTION FOR NOVA 3 OR NOVA 4.  
NOVA 3: W8-2 OUT NOVA 4: W8-2 IN  
W8-1 IN W8-1 OUT  
W8-1 & W8-2 ARE WITH VECTOR PINS. CALMA SHOULD ALWAYS BE NOVA 4, IF NOVA 3 IS ORDERED, QUESTION IT.
- II. SWITCH SETTINGS: a. W-10: #'S 4,5,6 ON. ALL OTHERS OFF.  
(THIS IS DEVICE CODE 34.)  
b. F-9: #'S 2,3,5, ON. ALL OTHERS CAN BE ANY POSITION.
- III. JUMPERS: a. W-33 OUT NEAR W-10, VECTOR PINS ONLY.  
b. W15-4 IN NEAR D-3, WITH VECTOR PINS.
- IV. PROM LABEL: T8: P03-02.
- V. TORROID MUST BE GLUED DOWN AT X-8.



12-30-87

BOARD # 041-040-00 (OLD# 265-A01-1T0)

MODEL # 730 MAP

SALES NUMBER: 900 *91-00* *X*.

CUSTOMER CONFIGURATION FOR: LTX

CHECK BEFORE COVER INSPECTION REFERENCE

1. STANDARD DESCRIPTION: PE-730
2. HANDLE: EXPANSION MUL/DIV 512K MEMORY EXPANSION P/N 874-0126.
3. ASM. REV.: 500-265-05 *A.B (fix Print) C add sockets to proms*
4. REV. OF PROMS: 00.
5. REV. OF EPROMS: NONE.
7. COVER: PE-730 P/N=040-021-00.

SPECIAL INSTRUCTIONS FOR BOARD CONFIGURATION

I. THERE IS NOTHING TO VERIFY ON THE CONFIGURATION SHEET, HOWEVER SEE REMARKS/SPECIAL INSTRUCTIONS SECTION.

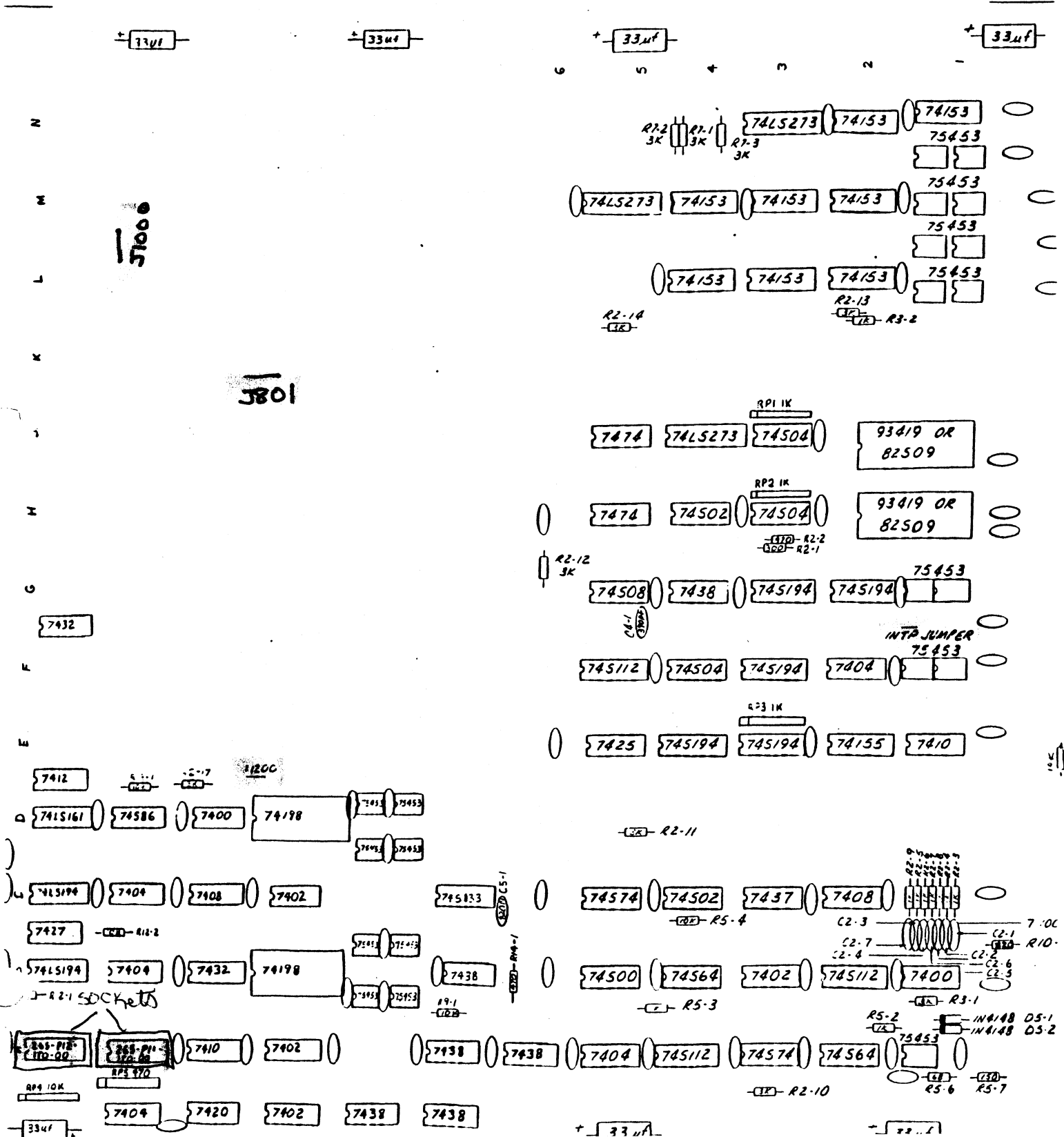
II. MODS:

- a. JUMPER AT F3 PINS 2,3,4.
- b. JUMPER AT J1200 & INTP.

* NOTE: DUE TO THE MISTAKE IN THE SILKSCREEN LABEL JUMPERS J1000 (NEAR L-11) AND J801 (NEAR J-9).

** NOTE: J300, J501 ARE FOILED IN THE BOARD.  
J500, J1100 ARE FOILED OUT.

# FOR LTX ONLY



4-30-90

JARD # 041-040-00 (OLD# 265-A01-1T0)

MODEL # PE-730

CUSTOMER CONFIGURATION FOR: FOR ALL CUSTOMERS EXCEPT LTX

OPTIONS: FULLY LOADED AND MUL/DIV DISABLED

CHECK BEFORE COVER INSPECTION REFERENCE

1. STANDARD DESCRIPTION: PE-730.
2. HANDLE: PE-730 WITH OPTIONS EXPANSION, PROTECT & PARITY (MUL/DIV DISABLED)
3. ASM. REV.: 500-265-04 D.
4. REV. OF PROMS: N/A.
5. REV. OF EPROMS: N/A.
6. EEPROM: N/A.
7. KEYWAY TABS: N/A.
7. CHECK IN HOUSE S/N VS. OUTGOING S/N ON THE LOG SHEET.

SPECIAL INSTRUCTIONS FOR BOARD CONFIGURATION

- I. JUMPERS FOR A FULLY LOADED BOARD:
  - A) J802, J1000, J801, J1001, J500, J300, J800, J1100=IN.
  - B) J501=OUT (THIS JUMPER IS FOILED ON BOTH SIDES OF THE BOARD)
  - C) J1002, JINTP=OUT
- II. DISABLING MUL/DIV OPTION:
  - A) J1200=OUT
  - B) ADD WIRE FROM C7-1 TO C7-8 (GROUND).
- III. NOTES:
  - A) MAKE SURE THERE IS NO JUMPER WIRE AT F3 PINS 2,3,4.
  - B) DUE TO MISTAKE IN THE SILKSCREEN, LABEL JUMPER NEAR L-11, J1000 AND JUMPER NEAR J-9, J801.

1-11-87

BOARD # 041-040-00 (OLD# 265-A01-1T0).

MODEL # 730 MAP

SALES NUMBER: 900-086-00 A.

CONFIGURATION FOR: 732 EXPANSION OPTION.

CHECK BEFORE COVER INSPECTION REFERENCE

1. STANDARD DESCRIPTION: PE- 730.
2. HANDLE: EXPANSION
3. ASM. REV.: 500-265-00 *P.C. fix print*
4. COVER: PE-730 P/N=040-021-00.

SPECIAL INSTRUCTIONS FOR BOARD CONFIGURATION

I. THERE IS NOTHING TO VERIFY ON THE CONFIGURATION SHEET, HOWEVER SEE REMARKS/SPECIAL INSTRUCTIONS SECTION.

II. MODS:

- a. JUMPER AT F3 PINS 2,3,4.
- b. JUMPERS AT J300, J500, J1100 OUT.
- c. JUMPER AT J501 OUT, (CUT ON BOTH SIDE).
- d. JUMPER IN AT INTP.

* NOTE: DUE TO THE MISTAKE IN THE SILKSCREEN LABEL JUMPERS AT J1000, (NEAR L-11) AND J801, (NEAR J-9).

**NOTE: J300, J501 ARE FOILED IN THE BOARD.  
J500, J1100 ARE FOILED OUT.

# 732 EXPANSION

33μF

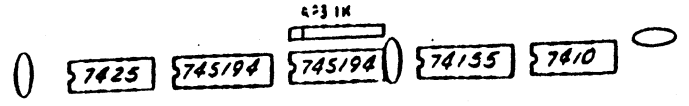
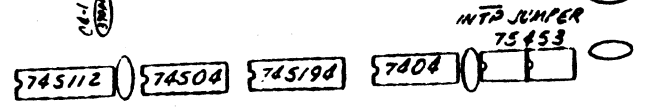
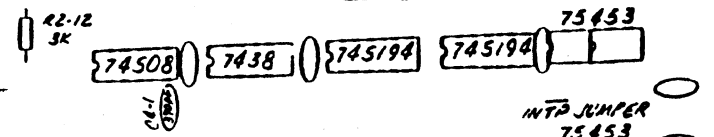
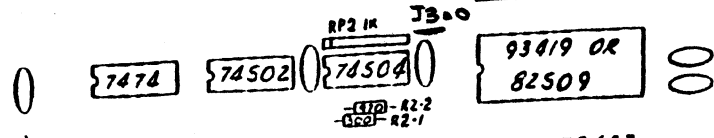
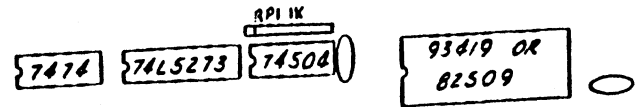
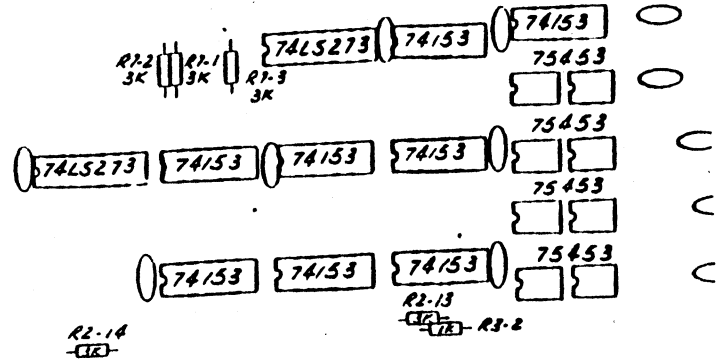
33μF

33μF

33μF

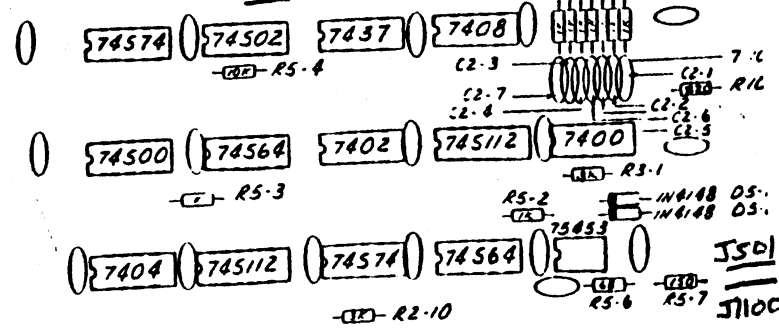
J1000

J801



R2-11

J500



33μF

33μF

4-4-86

BOARD # 041-040-00 (OLD# 265-A01-1T0)

MODEL # PE-730

CUSTOMER CONFIGURATION FOR: FOR ALL CUSTOMERS EXCEPT LTX, WITH  
OPTIONS, 732,734 AND 736.

CHECK BEFORE COVER INSPECTION REFERENCE

1. STANDARD DESCRIPTION: PE-730.
2. HANDLE: EXPANSION, PROTECT, PARITY.
3. ASM. REV.: 500-265-00 02,03~~7~~.D
4. REV. OF PROMS: N/A.
5. REV. OF EPROMS: N/A.
6. EEPROM: N/A.
7. KEYWAY TABS: N/A.
7. CHECK IN HOUSE S/N VS. OUTGOING S/N ON THE LOG SHEET.

SPECIAL INSTRUCTIONS FOR BOARD CONFIGURATION

- I. CONFIGURATION SHEET:
  - A) MAKE SURE ALL OPTIONS LISTED ABOVE ARE CHECKED OFF ON THE CONFIGURATION SHEET.
- II. MQDS:
  - A) J801, J800, J500, J300, J802, J1001, J1000, J1100= IN.
  - B) J501=OUT ( THIS JUMPER IS FOILED ON BOTH SIDES OF THE BOARD)
  - C) J1002, JINTP=OUT
- III. NOTES:
  - A) MAKE SURE THERE IS NO JUMPER WIRE AT F3 PINS 2,3,4.
  - B) DUE TO MISTAKE IN THE SILKSCREEN LABEL JUMPERS AT J1000, (NEAR L-11) AND J801, (NEAR J-9).

6-2-86

BOARD # 041-042-00 A (OLD# 275-A01-2D2)

MODEL # 911 E

CUSTOMER CONFIGURATION FOR: ALL CUSTOMERS.

CHECK BEFORE COVER INSPECTION REFERENCE

1. STANDARD DESCRIPTION: 911 E.
2. HANDLE: 911 E.
3. ASM. REV.: B05-5.
4. REV. OF PROMS: N/A.
5. REV. OF EPROMS: SEE CHART BELOW.
6. KEYWAY TABS: NONE.
7. CHECK IN HOUSE S/N VS. OUTGOING S/N ON THE LOG SHEET.

SPECIAL INSTRUCTIONS FOR BOARD CONFIGURATION

I. CONFIGURATION SHEET:

- A. SEE CRT SECTION FOR WHICH EPROM SET WAS ORDERED.

CRT TYPE	EPROM LABEL #1 @ X-7	EPROM LABEL #2 @ W-7	REV.
NCS 911 E	275-P11-03	275-P12-03	03
TELEVIDEO 950/925	275-P14-03	275-P15-03	03
T.I. 931	275-P17-05	275-P18-05	05
ADDS VIEWPOINT			
ADDS REGENT 25	P100-00	P101-00	00

*****NOTE EPROM #3 @ U/T-7 IS A SOCKET WITHOUT A EPROM INSTALLED.*****

- B. SEE REMARKS/SPECIAL INSTRUCTIONS.

II. MODS:

- a. R-5 MUST BE A 74S138.
- b. CUT FOIL ON S/S AT R-5 BETWEEN PINS 4 & 5.
- c. ADD WIRE FROM R5-4 TO R5-8.
- d. ADD A 3.3K 1/4 WATT RESISTOR WITH INSULATED LEADS FROM R5-6 TO P5-16.
- e. CUT FOIL ON S/S TO FEEDTHRU BY P1-59 BACKPLANE CONNECTOR.
- f. ADD WIRE FROM X2-2 TO FEEDTHRU BY P1-60 BACKPLANE.
- g. ADD WIRE FROM W3-5 TO X2-1.

ARTWORK# 277-2F1. NEW # 041-043-00A.

MODEL # 990 SMD+

SALES NUMBER: SEE BELOW.

CONFIGURATION FOR: ALL CUSTOMERS.

## CHECK BEFORE COVER INSPECTION REFERENCE

1. STANDARD DESCRIPTION: 990 SMD+.
2. HANDLE: 990 SMD+.
3. ASM. REV.: SEE BELOW.
4. REV. OF PROMS: SEE BELOW.
5. REV. OF EPROMS: (CREEC00'S), SEE BELOW.
6. KEYWAY TABS: YES.
7. CHECK IN HOUSE S/N VS. OUTGOING S/N ON THE LOG SHEET.

## SPECIAL INSTRUCTIONS FOR BOARD CONFIGURATION

## I. CONFIGURATION SHEET:

A. SEE DISK DRIVE SECTION FOR WHICH CREE#.

CREE#	EPROM 1 LABEL	EPROM 2 LABEL	REV.	SALES NUMBER
CREC002	277-P19-01	277-P20-01	01	900-090-00 0
CREC003	277-P22-01	277-P23-01	01	900-090-01 0
CREC004	277-P25-05	277-P26-05	05	900-090-02 0
CREC005	277-P28-02	277-P29-02	02	900-090-03 0
CREC006	277-P42-02	277-P43-02	02	900-090-04 0
CREC007	277-P45-01	277-P46-01	01	900-090-06 0
CREC008	277-P189-00	277-P190-00	00	900-090-07 0
CREC021	P152-01	P153-01	01	900-090-05 0

B. SEE REMARKS/SPECIAL INSTRUCTIONS.

## *NOTES:

- 1) CHECK FOR CUT ON C/S BETWEEN C7-7 & C7-8. IF YOU CAN'T VISUALLY SEE THE CUT THEN BEEP C7-10 TO G6-8 AND YOU SHOULD GET AN OPEN.
- 2) ADD WIRE FROM C7-10 TO C7-13.
- 3) ALL PROMS MUST BE AMD.

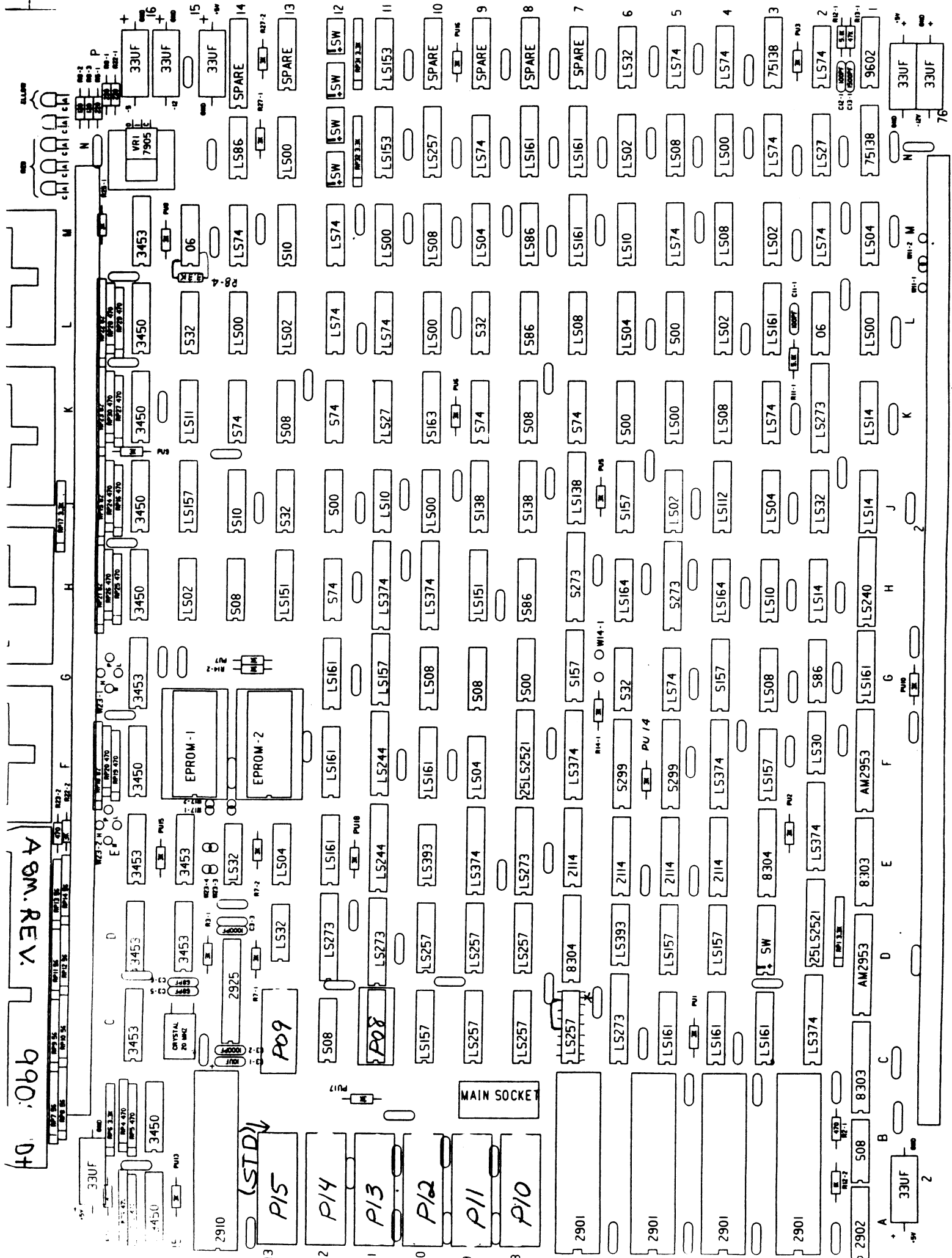
CREEC00S*****ASM REV.*****PROMS REV.

CREC002	500-277-01D	04
CREC003	500-277-02D	04
CREC004	500-277-03E	04
CREC005	500-277-04F	04
CREC006	500-277-05E	04
CREC007	500-277-07B	04
CREC021-01	500-277-06B	01
CREC008	500-277-08A	04

**NOTE: THERE ARE 2 REFERENCE PRINTS FIRST ONE IS FOR CREEC002-7 (STD). THE SECOND ONE IS FOR CREEC021, ALTERNATE TRACK.

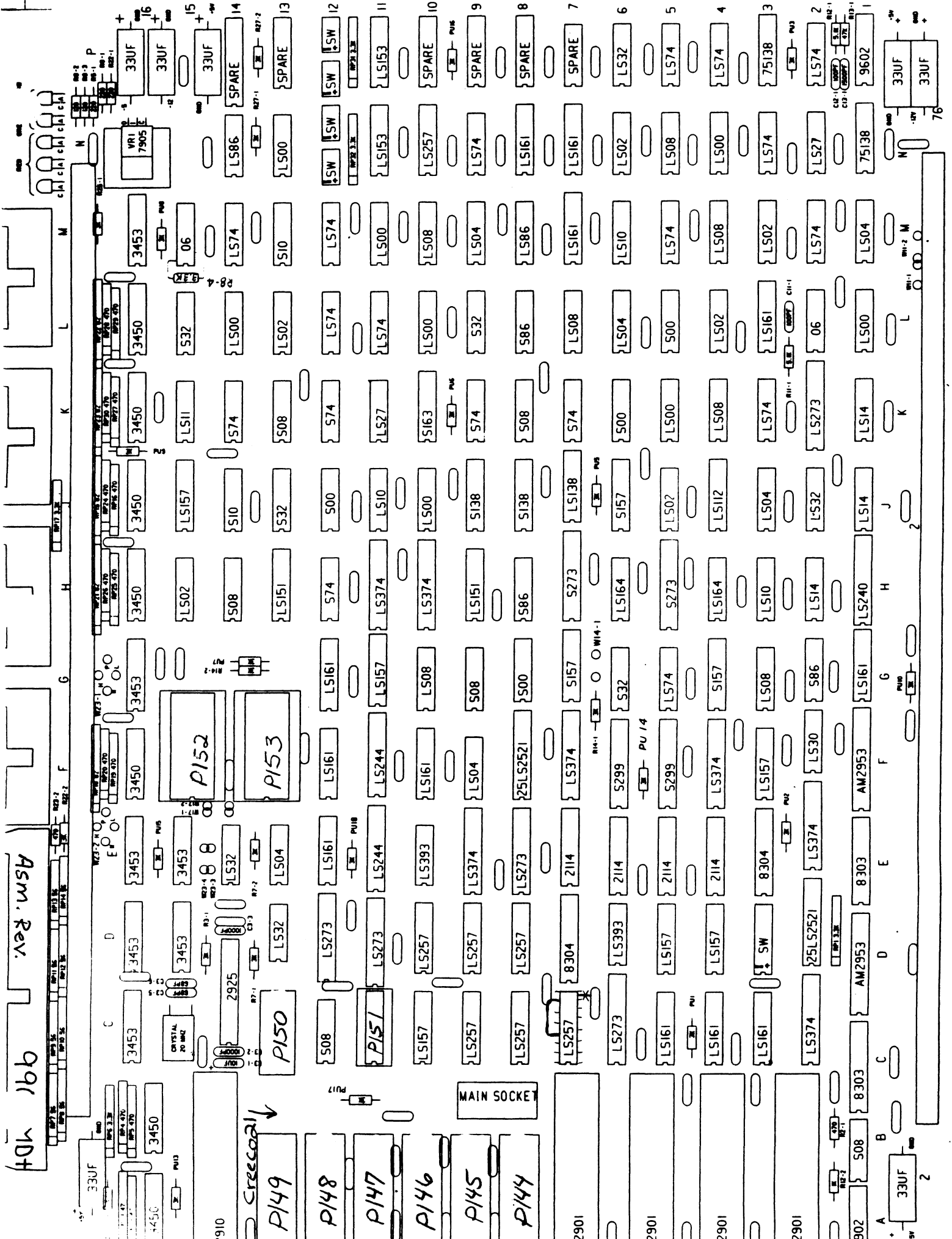


99066  
A SW. REV.



2  
A B C D E F G H J K L M N  
330UF  
330UF

404 166 Asm. Rev.



76

BOARD # 041-044-00 A (OLD# 278-A01-261)

MODEL # 990 SMD

SALES NUMBER: SEE BELOW.

CONFIGURATION FOR: ALL CUSTOMERS.

CHECK BEFORE COVER INSPECTION REFERENCE

1. STANDARD DESCRIPTION: 990 SMD.
2. HANDLE: 990 SMD.
3. ASM. REV.: SEE BELOW.
4. REV. OF PROMS: 04.
5. REV. OF EPROMS: (CREEC00'S), SEE BELOW.
6. KEYWAY TABS: YES.
7. CHECK IN HOUSE S/N VS. OUTGOING S/N ON THE LOG SHEET.

SPECIAL INSTRUCTIONS FOR BOARD CONFIGURATION

- I. CONFIGURATION SHEET:
  - A. SEE DISK DRIVE SECTION FOR WHICH CREE#.

*****NOTE ALL PROMS MUST BE AMD*****

CREE#	EPROM 1 LABEL	EPROM 2 LABEL	REV.	SALES NUMBER
CREC002	278-P19-04	278-P20-04	04	900-090-08 0
CREC003	278-P22-02	278-P23-02	02	900-090-09 0
CREC004	278-P26-02	278-P27-02	02	900-090-10 0

SEE PRINT FOR LOCATION.

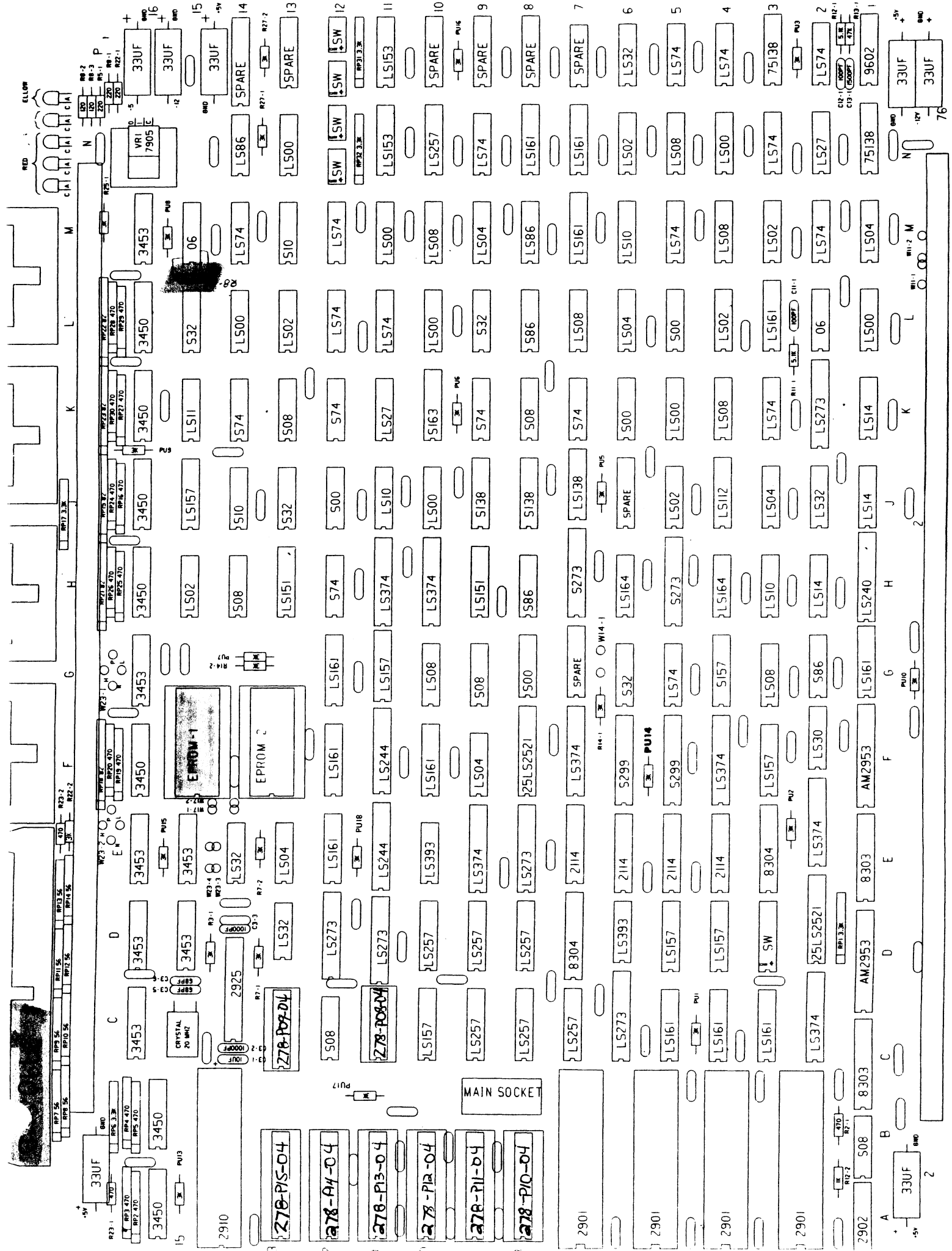
- B. SEE REMARKS/SPECIAL INSTRUCTIONS.

C. MODS:

1. CUT FOIL BETWEEN C7-7 & C7-8.  
IF YOU CAN'T VISUALLY VERIFY THE CUT, OHM OUT BETWEEN C7-10 TO G6-8 AND IT SHOULD READ OPEN.
2. ADD WIRE FROM C7-10 TO C7-13.

D. ASSEMBLY REVISION ARE DEPENDANT UPON THE CONFIGURATION RECORD CHOSEN.

EPROM	ASM. REV.
CREEC002	500-278-01 E
CREEC003	500-278-02 D
CREEC004	500-278-03 D



3-28-85

ECO REVISION HISTORY

BOARD # 249

MODEL # 990 TC II  
ARTWORK # -163 & -164

CONFIGURATION FOR: ALL CUSTOMERS.

ECO #	DATE	FROM	TO	MANDATORY RETROFIT		
				FR	IH	NB

CHECK BEFORE COVER INSPECTION REFERENCE

1. STANDARD DESCRIPTION: 990 TC II.
2. HANDLE: TAPE COUPLER II.
3. ASM. REV.: IG4= B15-2, IG3= B12-9.
4. REV. OF PROMS: NONE.
5. REV. OF EPROMS: -05.
6. KEYWAY TABS: YES.
7. CHECK IN HOUSE S/N VS. OUTGOING S/N ON THE LOG SHEET.

SPECIAL INSTRUCTIONS FOR BOARD CONFIGURATION

- I. THERE IS NOTHING TO VERIFY ON THE CONFIGURATION SHEET, HOWEVER SEE REMARKS/SPECIAL INSTRUCTIONS SECTION.
- II. SEE PRINT FOR:
  - a. J7-3 IN WITH VECTOR PINS AND JUMPER.
  - b. J7-4 VECTOR PINS ONLY.
  - c. J7-2 VECTOR PINS ONLY.
  - d. J7-1 IN WITH VECTOR PINS AND JUMPER.
  - e. J7-5 VECTOR PINS ONLY.
- III. EPROM LABELS:
  - a. J-4 = 249-P15-05.
  - b. H-4 = 249-P16-05.



12-30-87

BOARD # 041-108-00 A

MODEL # MZ-412

SALES NUMBER: 900-066-00 A.

CUSTOMER CONFIGURATION FOR: ALL CUSTOMER'S

CHECK BEFORE COVER INSPECTION REFERENCE

1. STANDARD DESCRIPTION: MZ-412 (2 MEGABYTE).
2. HANDLE: MZ-412.
3. ASM. REV.: 500-441-02 B.  
LOCATION: MARK THE MODEL NUMBER , BOARD ASSEMBLY REV. & SERIAL NUMBER WITH BLACK INDELIBLE INK (SHARPIE) BETWEEN ML-15 & ML-16.
4. REV. OF PROMS: 00.
5. COVER: MZ-41X (040-035-00) USE INDELIBLE INK TO MARK THE APPROPRIATE MODEL NUMBER.
6. CHECK IN HOUSE S/N VS. OUTGOING S/N ON THE LOG SHEET.

SPECIAL INSTRUCTIONS FOR BOARD CONFIGURATION

- I. CONFIGURATION SHEET: VERIFY WHICH OPTION IS BEING ORDERED AND USE THE APPROPRIATE COVERCHECK.

DESCRIPTIONS: MZ-412 I.C'S ARE MAINLY A THRU F ROWS 1 THRU 31.  
MZ-418 IS A FULL HOUSE BOARD.  
MZ-414 I.C'S ARE MAINLY A THRU J ROWS 1 THRU 31.

PROMS: A11: P197-00.  
A15: P198-00.

SWITCH AT B-15: ALL OFF.





12-30-87

BOARD # 041-108-00 A

MODEL # MZ-414

SALES NUMBER: 900-067-00 A.

CUSTOMER CONFIGURATION FOR: ALL CUSTOMER'S

CHECK BEFORE COVER INSPECTION REFERENCE

1. STANDARD DESCRIPTION: MZ-414 (4 MEGABYTE).
2. HANDLE: MZ-414.
3. ASM. REV.: 500-441-01 B.  
LOCATION: MARK THE MODEL NUMBER , BOARD ASSEMBLY REV. & SERIAL NUMBER WITH BLACK INDELIBLE INK (SHARPIE) BETWEEN ML-15 & ML-16.
4. REV. OF PROMS: 00.
5. COVER: MZ-41X (040-035-00) USE INDELIBLE INK TO MARK THE APPROPRIATE MODEL NUMBER.
6. CHECK IN HOUSE S/N VS. OUTGOING S/N ON THE LOG SHEET.

SPECIAL INSTRUCTIONS FOR BOARD CONFIGURATION

1. CONFIGURATION SHEET: VERIFY WHICH OPTION IS BEING ORDERED AND USE THE APPROPRIATE COVERCHECK.

DESCRIPTIONS: MZ-414 I.C'S ARE MAINLY A THRU J ROWS 1 THRU 31.  
MZ-412 I.C'S ARE MAINLY A THRU F ROWS 1 THRU 31.  
MZ-418 IS A FULL HOUSE BOARD.

PROMS: A11: P197-00.  
A15: P199-00.

SWITCH AT B-15: 1 ON , 2 THRU 4 OFF.



12-30-87

BOARD # 041-108-00 A

MODEL # MZ-418

SALES NUMBER: 900-068-00 A.

CUSTOMER CONFIGURATION FOR: ALL CUSTOMER'S

CHECK BEFORE COVER INSPECTION REFERENCE

1. STANDARD DESCRIPTION: MZ-418 (8 MEGABYTE).
2. HANDLE: MZ-418.
3. ASM. REV.: 500-441-00 B.  
LOCATION: MARK THE MODEL NUMBER , BOARD ASSEMBLY REV. & SERIAL NUMBER WITH BLACK INDELIBLE INK (SHARPIE) BETWEEN ML-15 & ML-16.
4. REV. OF PROMS: 00
5. COVER: MZ-41X (040-035-00) USE INDELIBLE INK TO MARK THE APPROPRIATE MODEL NUMBER.
6. CHECK IN HOUSE S/N VS. OUTGOING S/N ON THE LOG SHEET.

SPECIAL INSTRUCTIONS FOR BOARD CONFIGURATION

- I. CONFIGURATION SHEET: VERIFY WHICH OPTION IS BEING ORDERED AND USE THE APPROPRIATE COVERCHECK.

DESCRIPTIONS: MZ-418 IS A FULL HOUSE BOARD.  
MZ-414 I.C'S ARE MAINLY A THRU J ROWS 1 THRU 31.  
MZ-412 I.C'S ARE MAINLY A THRU F ROWS 1 THRU 31.

PROMS: A11: P197-00.  
A15: P120-00.

SWITCH AT B-15: 1 & 2 MUST BE ON, 3 & 4 OFF.



6-11-85

BOARD # 041-066-00B (OLD# 100830-000A)

MODEL # 2920 A

CONFIGURATION FOR: ALL CUSTOMERS.

CHECK BEFORE COVER INSPECTION REFERENCE

1. STANDARD DESCRIPTION: 2920 A
2. HANDLE: 2920 A.
3. ASM. REV.: 500-395-00 F.
4. REV. OF PROMS: -00.
5. REV. OF EPROMS: NONE.
6. KEYWAY TABS: YES.
7. CHECK IN HOUSE S/N VS. OUTGOING S/N ON THE LOG SHEET.

SPECIAL INSTRUCTIONS FOR BOARD CONFIGURATION

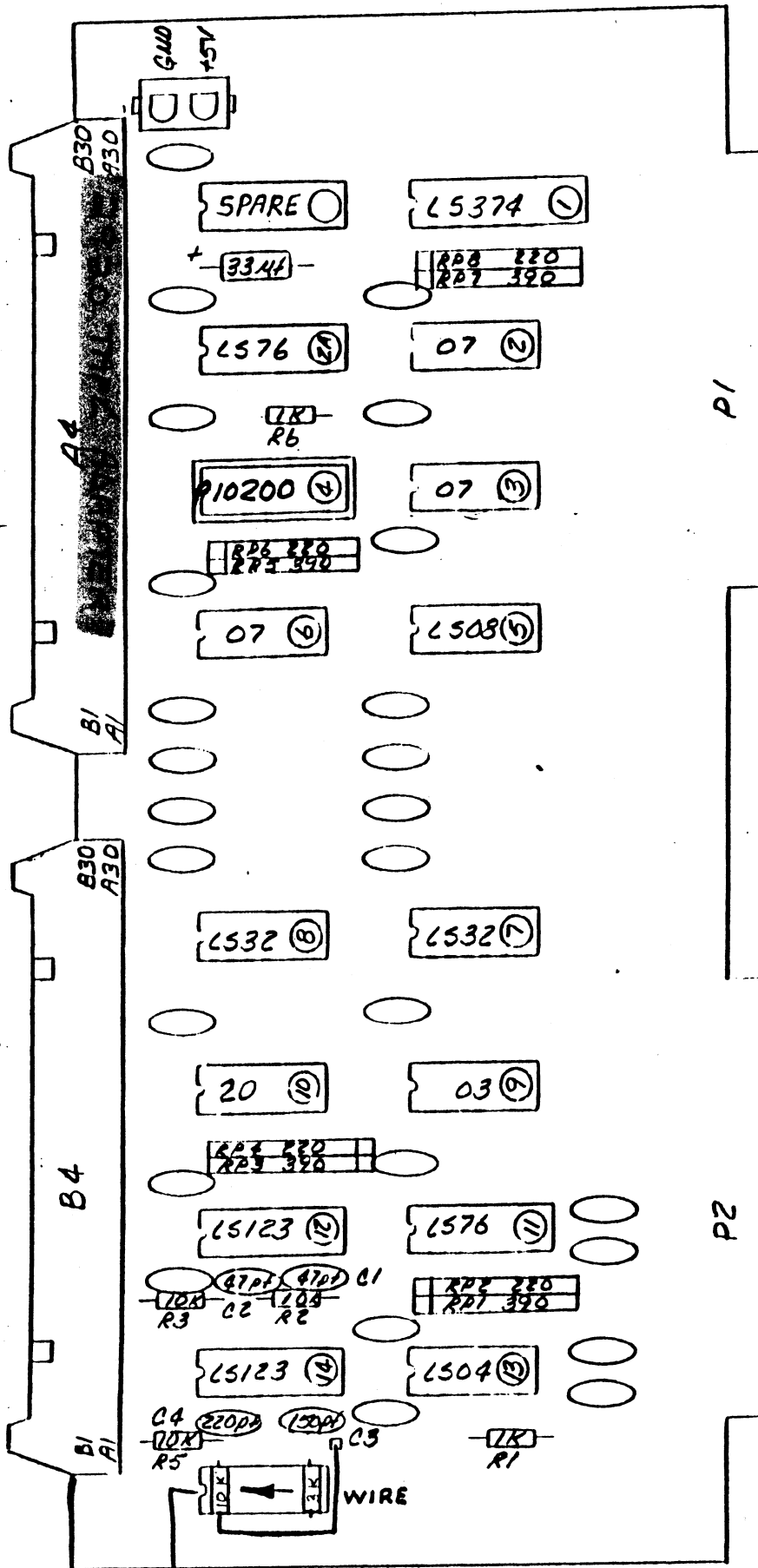
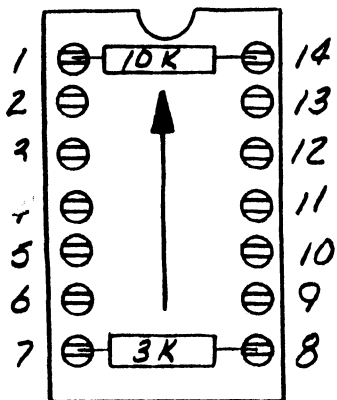
- I. THERE IS NO CONFIGURATION SHEET FOR THIS BOARD. HOWEVER THE 133 MAG TAPE COUPLER OR THE BMX-II CONFIGURATION FORM WILL BE ATTACHED TO THE O.A. CARD. SEE THE REMARKS/SPECIAL INSTRUCTIONS SECTION.
- II. PROM LABEL:
  - a. SEE PRINT/NEXT PAGE.
- III. WIRES AND MODS:
  - a. SEE PRINT/NEXT PAGE.
- IV. NOTE 1: THE 2920 A CAN SHIP AS A SET WITH THE TC 133, THE BMX-II OR BY ITSELF. SEE THE CONFIGURATION FORM.
- V. NOTE 2: SERIAL NUMBERS 504, 505, 509, 518, 592, 596, 612, 623, 624, 627, 633 MUST HAVE THE FOLLOWING RE-WORK *ONLY* IF THEY ARE GOING INTO A SYSTEM REQUIRING A BMX-II BOARD.

SERIAL NUMBER 590 AND ALL BOARDS SERIAL NUMBER 639 AND AFTER *MUST* HAVE THE FOLLOWING RE-WORK.

- a. LIFT IC 9 PIN 1
- b. ADD WIRE FROM IC 9 PIN 1 TO IC 13 PIN 9.

**** AS THE ABOVE MENTIONED SERIAL NUMBERS ARE USED PLEASE CROSS THEM OFF THE LIST. ****

AUGAT PLUG ASSEMBLY  
TOP VIEW



SEE DETAILED DRAWING

10-7-86

BOARD # 100830

MODEL # 2920 A ADAPTER BD.  
ARTWORK # 100830-000

CONFIGURATION FOR: ALL CUSTOMERS EXCEPT SYSTEMS INDUSTRIES.  
*SEE NOTE BELOW*

***** OLD REVISION ARTWORK *****

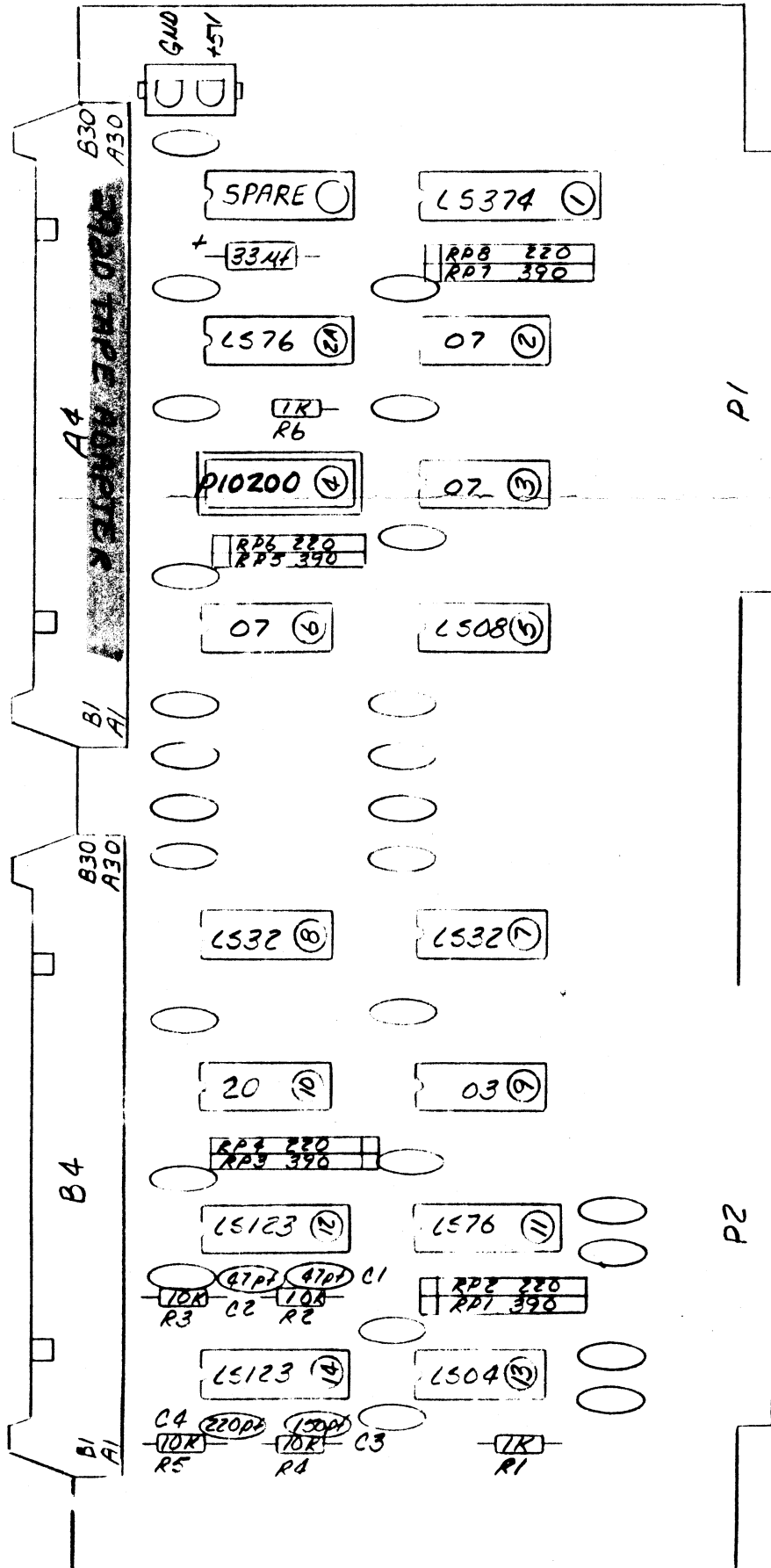
CHECK BEFORE COVER INSPECTION REFERENCE

1. STANDARD DESCRIPTION: 2920 A TAPE ADAPTER BOARD
2. HANDLE: 2920 TAPE ADAPTER
3. ASM. REV.: 500395-000 B
4. REV. OF PROMS: -00
5. REV. OF EPROMS: NONE
6. KEYWAY TABS: YES
7. CHECK IN HOUSE S/N VS. OUTGOING S/N ON THE LOG SHEET.

SPECIAL INSTRUCTIONS FOR BOARD CONFIGURATION

THERE IS NO CONFIGURATION FORM FOR THIS BOARD. ALL REMARKS/SPECIAL INSTRUCTIONS ARE WRITTEN ON THE CONFIGURATION FORM OF THE BOARD THAT IS SHIPPING WITH THE 2920 A TAPE ADAPTER BOARD.

- II. PROM LABEL:
  - a. SEE PRINT/NEXT PAGE
- III. THINGS TO DOUBLE CHECK:
  - a. CHECK MOD WIRES ALL OFER TOP SIDE OF BOARD. SEE NEXT PAGE FOR WIRE LIST.
- IV. NOTE: THE 2920 A TAPE ADAPTER BOARD, OLD REVISION ARTWORK 100830-000, SHOULD NOT BE SOLD TO SYSTEMS INDUSTRIES OR TO ANY CUSTOMER REQUIRING A BMX-2 BOARD.





2920A ADAPTER REWORK

ARTWORK 100830-000

- 1) Lift pin 10 of chip location 7.
- 2) Cut foil that is running from chip 6 pin 5 toward fingers on component side.
- 3) Lift pin 9 of chip location 9.
- 4) Cut foil at chip location 7 pin 5 on component side of board.
- 5) Lift pin 4 of chip location 7.
- 6) Add wire from isolated feed-thru (created in step 2 above) to chip location 6 pin 12.
- 7) Add wire from chip location 6 pin 13 to chip location 6 pin 5.
- 8) Add wire from chip location 9 pin 9 to feed-thru at chip location 2A pin 14.
- 9) Add wire from chip location 7 pin 3 to chip location 7 pin 4.
- 10) Add wire from chip location 7 pin 5 to chip location 13 pin 8.
- 11) Add a wire from chip location 13 pin 9 to connector P2-30.
- 12) Cut foil at chip location 7 pin 9 on component side.
- 13) Cut foil at chip location 7 pin 8 on solder side of board.
- 14) Cut foil going from P2-16 to feed-thru on component side.
- 15) Add wire from isolated feed-thru in step 14 above to chip location 7 pin 9.
- 16) Add wire from P2-16 to chip location 3 pin 12.
- 17) Add wire from chip location 3 pin 13 to chip location 7 pin 8.
- 18) Add wire from chip location 7 pin 10 to chip location 13 pin 6.
- 19) Add wire from chip location 13 pin 5 to P2-26.
- 20) Add wire from chip location 8 pin 5 to chip location 2A pin 10.
- 21) The above rework for Assembly 395-1.
- 22) Add wire from chip 13-2 to 12-3.
- 23) The above rework for Assembly ~~395-1~~. **500395-000 B**

6-12-85

CPU MODE SELECTION  
FOR BMX-1

MODEL	MODE I	MODE II	MODE III
S140	X		
S250			X
S280	X	ALT.	
C350			X
M600			X
MV4000	X	ALT.	
MV6000		X	
MV8000		X	
MV8000-II		X	
MV8000C		X	
MV10000	X	ALT.	

ARTWORK# 276-2E2. NEW # 041-048-00A

MODEL # BMX-1

SALES NUMBER: 900-035-00 A.

CONFIGURATION FOR: MODE 1, 2.

## CHECK BEFORE COVER INSPECTION REFERENCE

1. STANDARD DESCRIPTION: BMX-1.
2. HANDLE: BMX-1.
3. ASM. REV.: 500-400-00 **Y**  
COBRAL BRAZIL IS ON MLC:500-400-00 M.
4. REV. OF PROMS: 09 AND 04.
5. REV. OF EEPROMS: NONE. MAKE SURE IC IS X2804A OR AD.
6. KEYWAY TABS: NO.
7. CHECK IN HOUSE S/N VS. OUTGOING S/N ON THE LOG SHEET.

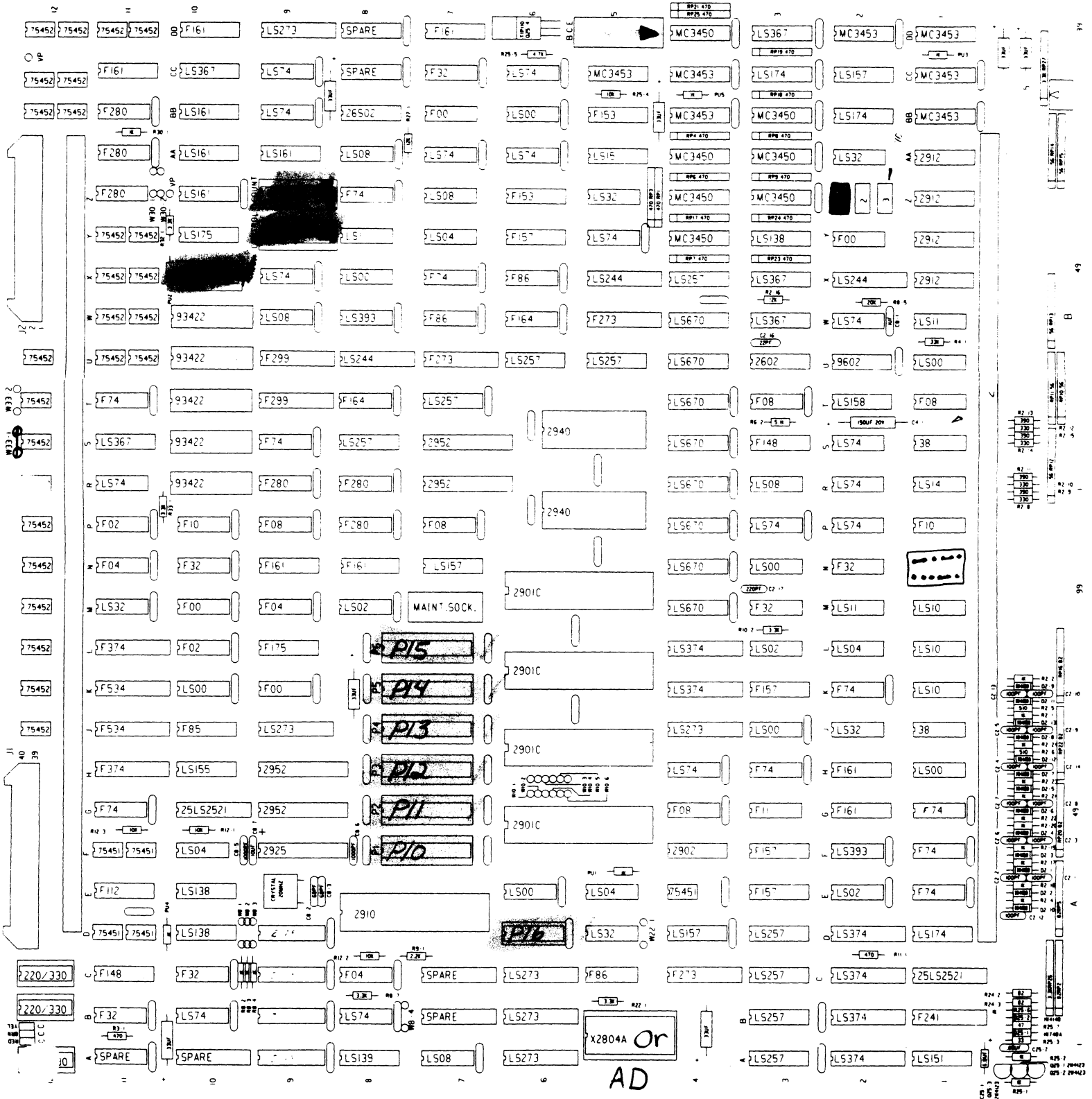
## SPECIAL INSTRUCTION FOR BOARD CONFIGURATION

- I. CONFIGURATION SHEET: SEE CPU SECTION.
  - a. MODE 1 = S280,S140,MV4000,MV10000 (SEE NEXT PAGE FOR MODE 1 CONFIGURATION).
  - b. MODE 2 = MV6000, MV8000, MV8000-II, MV8000C.
- II. MODS:
  - a. JUMPER AT W33-1 (NEAR S-12).
  - b. VECTOR PINS AT W8-4 (NEAR B-8).
  - c. FOR JUMPER CONFIGURATION AT N1 SEE PRINT.

## *NOTES:

- 1) AT TIME OF SHIPPING CHECK FOR YELLOW WARNING STICKER AND TEST SHEET ON COVER.
- 2) PROM AT J8 MUST BE 27S35. ALL OTHER PROMS ON ROW 8 CAN BE 27S35 OR 87RS181 (27S37), BUT PIN 20 OF THOSE PROMS MUST CUT.
- 3) MAKE SURE THE MODE CONFIGURATOR IS SET PROPERLY FOR EACH MODE. (SEE PRINT FOR LOCATION).
- 4) RESISTOR AT A-1 CAN BE ANY OF THE FOLLOWING VALUES:  
33, 39, 47, 56 OHM. SEE PRINT FOR LOCATION.





# Cobra Brazil MCE

B M X - 1

500-400-00 M

M = Lift P11-11 add  
wire from lifted P11-11 &  
go to L9-14.

N = add ground wires to  
FCC Dist cables  
update manual from  
600-400-00 D TO E.

P = Lift U2-10.

add wire from U2-10 to K2-13

" " " M6-15 to K2-11

" " " J4-1 to K2-9

" " " ~~K2-14~~ K2-14 to K2-12 to

R = use 635081 instead ^{K2-10}  
of 6331 class C

W = combine P/L Rev with Asm Rev

X = change Note on Asm Drawing

ARTWORK# 276-2E2. NEW # 041-048-00A.  
 CONFIGURATION FOR: MODE 3.

MODEL # BMX-1

SALES NUMBER: 900-035-02 A.

CHECK BEFORE COVER INSPECTION REFERENCE

1. STANDARD DESCRIPTION: BMX-1.
2. HANDLE: BMX-1.
3. ASM. REV.: 500-400-02 X.
4. REV. OF PROMS: 09 AND 04.
5. REV. OF EEPROMS: NONE. MAKE SURE IC IS X2804A OR AD ONLY..
6. KEYWAY TABS: NO.
7. CHECK IN HOUSE S/N VS. OUTGOING S/N ON THE LOG SHEET.

SPECIAL INSTRUCTION FOR BOARD CONFIGURATION

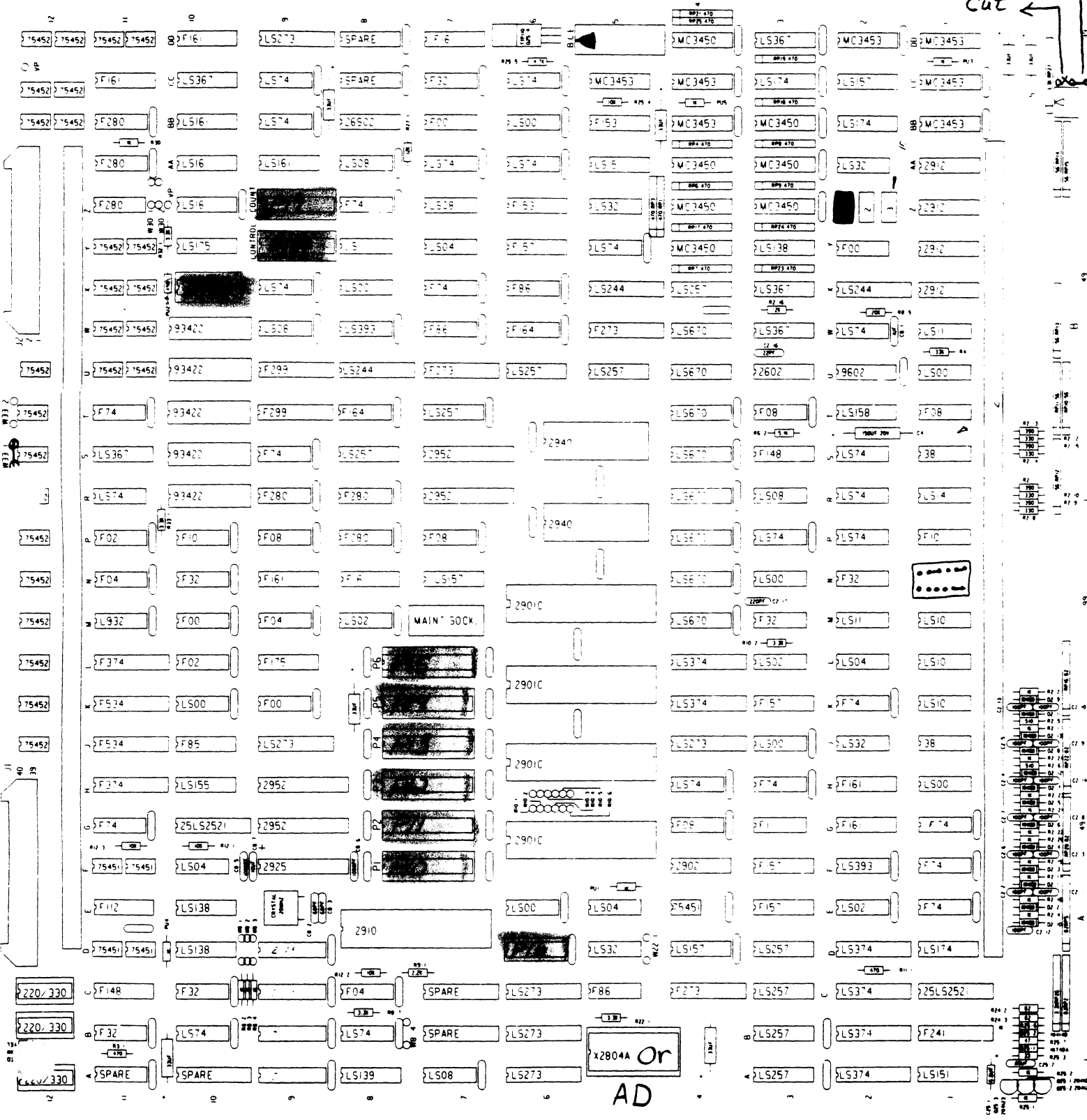
- I. CONFIGURATION SHEET: SEE CPU SECTION.
  - a. MODE III= M600, S250 AND C350 (SEE NEXT PAGE FOR MODE III CONFIGURATION).
- II. MODS:
  - a. JUMPER AT W33-1 (NEAR S-12).
  - b. VECTOR PINS AT W8-4 (NEAR B-8).
  - c. FOR JUMPER CONFIGURATION AT N1 SEE PRINT.
- III. SPECIAL MODS FOR MODE III:
  - a. ADD JUMPER AND MAKE A CUT AT 2 POSITION JUMPER JUST BELOW RP23 (LOWER RIGHT CORNER OF BOARD) SEE PRINT FOR INSTRUCTIONS.

*NOTES:

- 1) AT TIME OF SHIPPING CHECK FOR YELLOW WARNING STICKER AND TEST SHEET ON COVER.
- 2) PROM AT J8 MUST BE 27S35. ALL OTHER PROMS ON ROW 8 CAN BE 27S35 OR 87RS181 (27S37), BUT PIN 20 OF THOSE PROMS MUST GET CUT.
- 3) USE REV. 08 PROMS ONLY IF SPECIFIED ON CONFIGURATION SHEET.
- 4) RESISTOR AT A-1 CAN BE ANY OF THE FOLLOWING VALUES: 33, 39, 47, 56 OHM. SEE PRINT FOR LOCATION.

# MODE 3

Add ←  
Cut ←

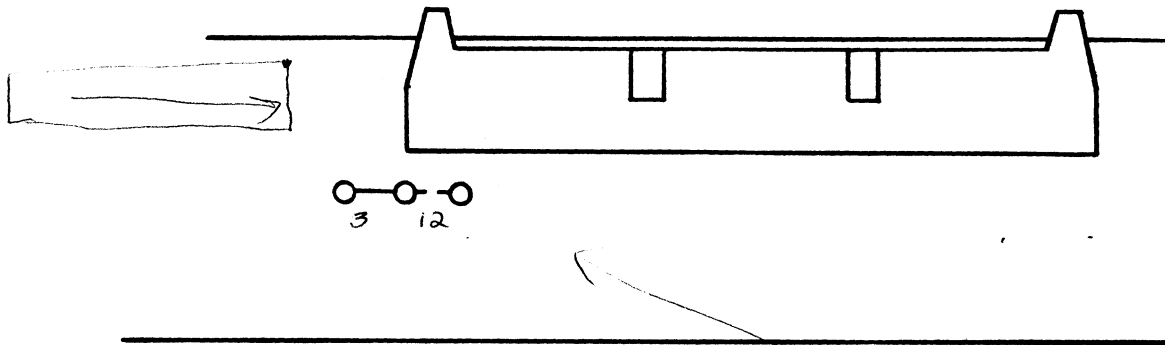




MODE 3 OPTION (M600) "B" PADDLEBOARD MODIFICATIONS.

REWORK FOR BOARD BLANKS #276-A31-2E0:

1. Start with Assembly #300025-000 A.
2. Configure the 24 pin jumper plug to Mode 1.
3. Configure the 10 pin jumper plug to Mode 1 / dual port.
4. Remove the jumper wire as shown below.
5. Add the jumper wire to the 2 outside feedthrus as shown below.
6. The above rework for Assembly #300025-001 A.



REWORK FOR BOARD BLANKS #100869-000 A:

1. Start with Assembly #300025-000 B.
2. Configure per Steps 2 and 3 above.
3. Cut foil jumper on P.C. board marked "1/2".
4. Add jumper wire between feedthrus marked "3".
5. The above rework for Assembly #300025-001 B.

*BMX I "B" pd b check for jumper  
and cut 500-426-00 D*

300025-001 B

276-B43-2E0-00

**Product Deviation**



Product BMX-1 Date 8/15/86 (Supercade person P)  
 Customer Cobra Computadores By JM Daniel  
 O.A.# all

Description of Deviation

Before we ship product with part numbers other than that shown below, I need to get approval from the customer.

Revision Levels Required

- Board Assembly Revision 500-400-00M
- Manual Revision 600-400-00D
- Diagnostic Revision 400-276-00A
- Paddleboard Revision 500-426-00A, 500-427-00A
- Cable Revision 300-013-16E
- 300-011-16E
- 300-104-02.4D
- 300-014-02.4F
- 300-081-06C

CC [unclear]

ARTWORK# 276-2E2. NEW # 041-048-00A.

MODEL # BMX-1

SALES NUMBER: 900-035-01 A.

CUSTOMER CONFIGURATION FOR: WORLD (KISMET OPTION).

## CHECK BEFORE COVER INSPECTION REFERENCE

1. STANDARD DESCRIPTION: BMX-1.
2. HANDLE: BMX-1.
3. ASM. REV.: 500-400-01 T.
4. REV. OF PROMS: 02 AND 04.
5. REV. OF EPROMS: NO LABEL, MUST BE X2804AD OR AP. (NO -45)
6. KEYWAY TABS: NO.
7. CHECK IN HOUSE S/N VS. OUTGOING S/N ON THE LOG SHEET.

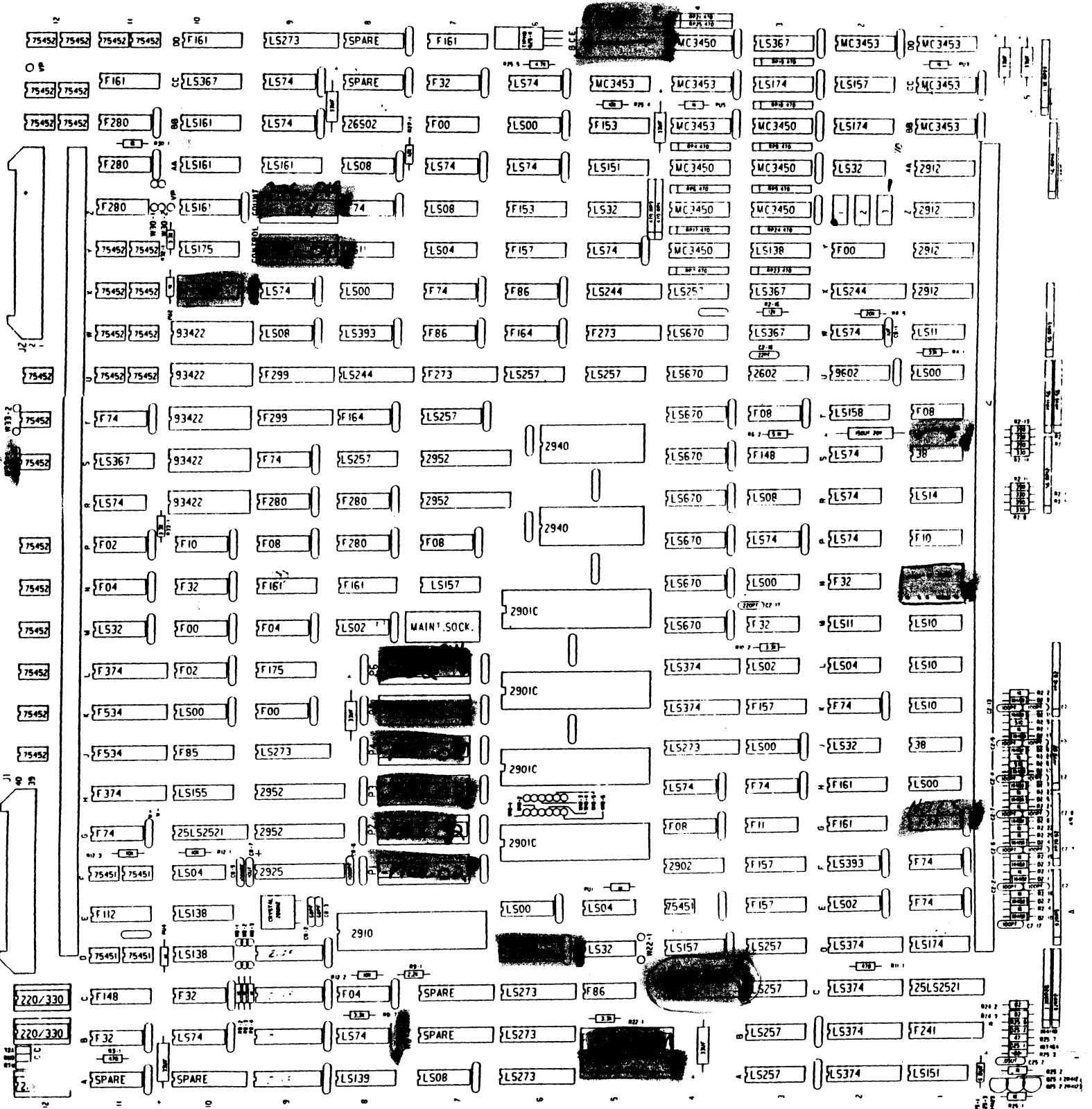
## SPECIAL INSTRUCTION FOR BOARD CONFIGURATION

- I. CONFIGURATION SHEET: SEE CPU SECTION.
  - a. MOD I= S280, S140, MV4000, MV10000 (SEE NEXT PAGE FOR MODE I CONFIGURATION).
- II. MODS:
  - a. JUMPER AT W33-1 (NEAR S-12).
  - b. VECTOR PINS AT W8-4 (NEAR B-8).
  - d. FOR JUMPER CONFIGURATION AT N1 SEE PRINT.
- III. SPECIAL MODS FOR KISMET OPTION:
  - a. ADD JUMPERS AT W10-2, W10-3 AND W10-5 NEAR G/H-6.
  - b. CUT FOILS AT W10-1, W10-4 AND W10-6 NEAR G/H-6.
  - c. ADD WIRE FROM CC11-12 TO TOP SIDE OF JUMPER W10-2 NEAR G/H-6.
  - d. LIFT PIN AT D8-26.

## *NOTES:

- 1) AT TIME OF SHIPPING CHECK FOR YELLOW WARNING STICKER AND TEST SHEET ON COVER.
- 2) PROM AT J8 MUST BE 27S45. ALL OTHER PROMS ON ROW 8 CAN BE 27S45 OR 63RA1681, BUT PIN 20 MUST BE CUT.

# KISMET



# Product Deviation



Product BMX-1 Date 8/15/80 (Supersedes previous P.)  
Customer Cobra Computadores By J. M. Garcia  
O.A.# all

## Description of Deviation

Before we ship product with part numbers other than that shown below, I need to get approval from the customer.

## Revision Levels Required

Board Assembly Revision 500-400-00M  
Manual Revision 600-400-00D  
Diagnostic Revision 400-276-00A  
Paddleboard Revision 500-426-00A, 500-427-00A  
Cable Revision 300-013-16E  
300-011-16E  
300-104-02.4D  
300-014-02.4F  
300-081-06C

CC Garcia W



CPU MODE SELECTION  
 BMX-III

MODEL	MODE 1	MODE 2	MODE 1A	MODE 2A
S120	X			
S140	X			
S250			X	
S280	X	ALT.		
C350			X	
M600			X	
MV4000	X	ALT.		
MV6000 EXP. 6				X
MV8000		X		
MV8000-II		X		
MV8000C		X		
MV10000 4	X	ALT.		
MV10000	X			
MV7800	X			
MV7800 U	X			
MV15000		X		
MV20000		X		

12-31-87

BOARD # 041-100-00 A.

MODEL # BMX-3

SALES NUMBER: 900-039-00 A STANDARD.  
~~900-039-01 0 AVIV.~~

CUSTOMER CONFIGURATION FOR: MODE 1, 2, 1A, 2A.

CHECK BEFORE COVER INSPECTION REFERENCE

1. STANDARD DESCRIPTION: BMX-3.
2. HANDLE: SILVER LABEL STATING ASM REV, S/N AND MODEL#.
3. ASM. REV. ARTWORK 041-100-00 A: STANDARD: 500-404-00 ~~AS~~ *OB Prom = AK Rev*
4. ASM. REV ARTWORK 100950-000 B OR 041-072-00 B: 500-404-01 ~~RT~~ *OBSOLETE*
5. REV. OF PROMS: ^B 0A, 04, 00. 773, 929.
6. REV. OF EPROMS: NONE. MAKE SURE IC IS X2816A OR AP ONLY.
7. KEYWAY TABS: NO
8. COVER: STANDARD: BMX-3 (P/N 040-027-00).  
S.I.: SEE NOTE 3. (P/N 040-026-00)  
AVIV: SEE NOTE 4. (P/N 040-032-00)
9. WARNING STICKER: YES.
10. TEST SHEET ON COVER. *NO*

SPECIAL INSTRUCTIONS FOR BOARD CONFIGURATION

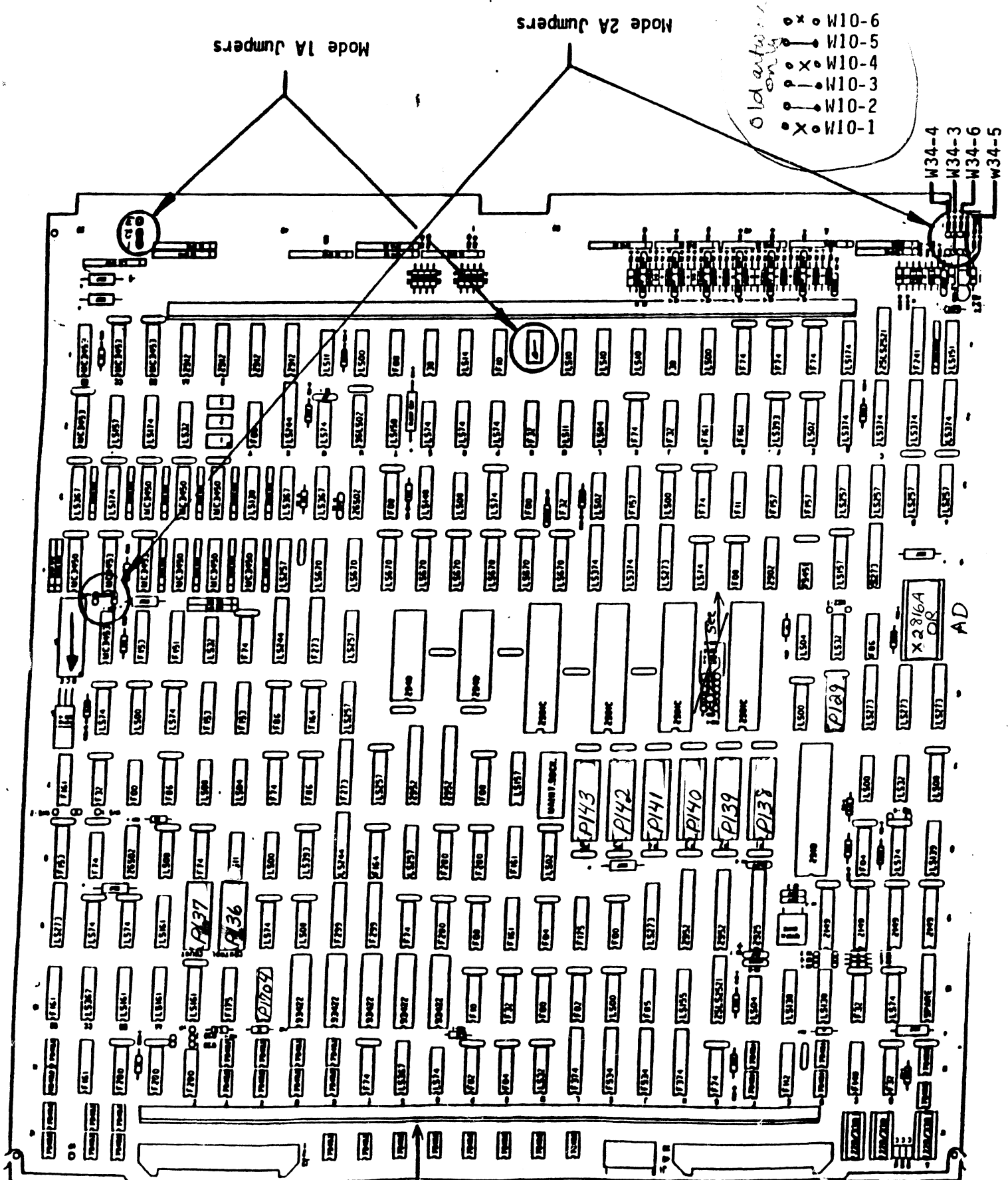
- I. CONFIGURATION SHEET: TO DETERMINE THE MODE SETTING, CROSS REFERENCE THE MODEL ORDERED UNDER THE CPU SECTION TO THE CPU MODE SELECTION CHART.
  1. IF MV 7800 C IS ORDERED, SEE THE BMX-3A OPTION COVERCHECK.
- II. MODS:
  - a. VECTOR PINS AT W8-4, W34-1, W34-2.
  - b. 3 GOLD PINS AT BB1
  - c. FOR JUMPER SETTINGS FOR EACH MODE SEE CORRESPONDING PRINT.

* NOTES:

- 1) CHECK FOR MODS ON "A" & "B" PADDLE BOARDS. SEE FOLLOWING PRINTS FOR INFORMATION.  
"A" PADDLE BOARD: ARTWORK# = 041-087-00D.  
"B" PADDLE BOARD: ARTWORK# = 041-088-00B.
- 2) RESISTOR AT A-1 CAN BE ANY OF THE FOLLOWING VALUES:  
33, 39, 47, 56 OHM. SEE PRINT FOR LOCATION.
- 3) S.I. HAS ITS OWN COVER IT STATES MODEL 3500.
- 4) AVIV HAS THEIR OWN BOARD COVER WHICH STATES:  
AVIV  
HIGH PERFORMANCE SMD DISK CONTROLLER  
MODEL DFC 407  
(PLACE A YELLOW WARNING STICKER ON THE COVER).

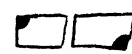
SI CABLES: SI DOES NOT GET 300-011-16 OR 300-013-16, THEY GET 300-071-16 & 300-073-16 (2 "D" CONNECTORS) INSTEAD.



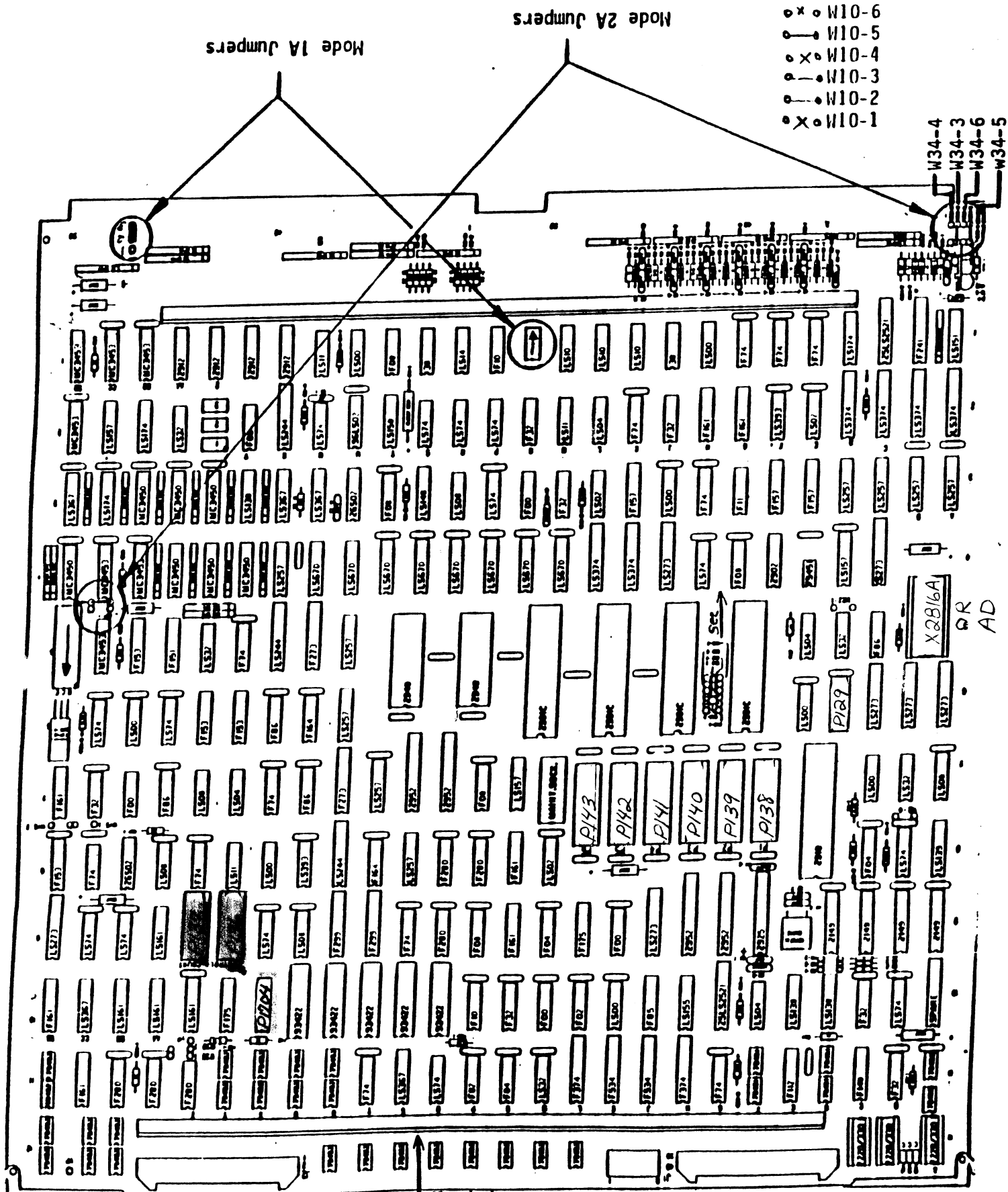


BMX-III  
MODE 1

TABLE  
Zetaco BMX 3  
Assy No.  
S/N

A' old art pd bd = w1, 4, 5, 8 IN  
 A' new art pd bd =   
 B' old art pd bd = w4, 2 IN, red config  
 set for mode 1  
 B' new art pd bd = same





BMX-III  
MODE 1A

TABLE BMX-3  
Zetaco  
Assy No.  
S/N

"A" old Art pd bd = W1, 4, 6, 7 IN

"A" New Art pd bd =

"B" old Art pd bd = W3, 2 IN, Red config  
set for Mode 1

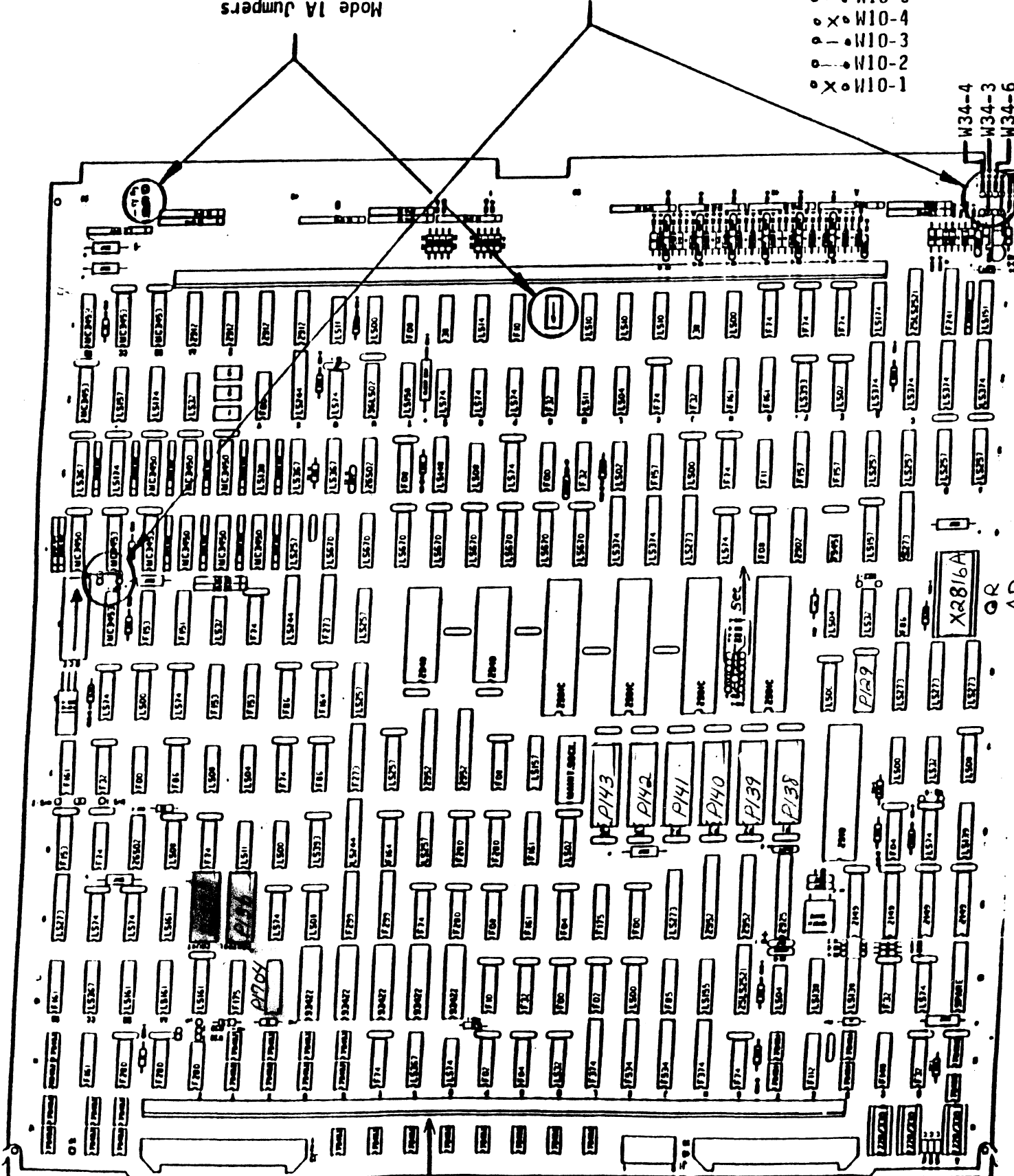
"B" New art pd bd = Same

- 1-01M X
- 2-01M
- 3-01M
- 4-01M X
- 5-01M
- 9-01M X

- 1-10M X
- 2-10M
- 3-10M
- 4-10M
- 5-10M
- 6-10M
- 7-10M
- 8-10M
- 9-10M
- 10-10M

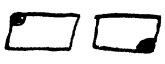
Mode 1A Jumpers

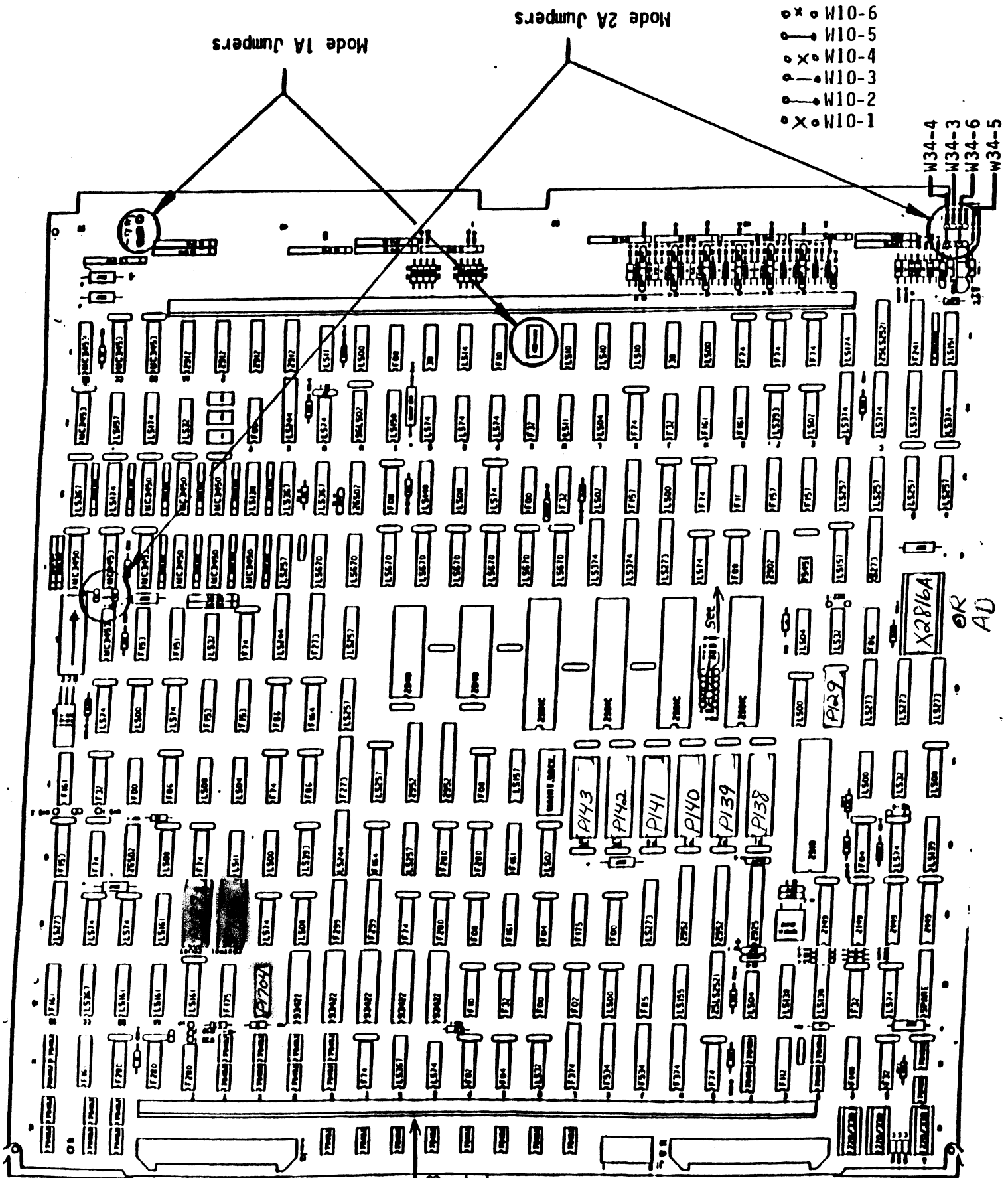
Mode 2A Jumpers



BMX-III  
MODE 2

LABLE  
Zetaco BMX 3  
Assy No.  
S/N

"A" old art pd bd = W1, 4, 5, 8 IN  
 "A" new art pd bd =   
 "B" old art pd bd = W4, 2 IN, red config  
 set for mode 2  
 "B" new art pd bd = Same



BMX-III  
MODE 2A

TABLE BMX 3  
Zetaco  
Assy No.  
S/N

"A" pd bd old art = w2, 3, 5, 8 IN  
 " " " " New art =    
 "B." pd bd old art = w1, 4 IN, Red config  
 set for mode 2  
 " " " " New art = Same.

- 1-10M X
- 2-10M
- 3-10M
- 4-10M X
- 5-10M
- 9-10M X

W34-4  
W34-3  
W34-6  
W34-5

12-31-87

BOARD # 041-100-00 A.

MODEL # BMX-3A

SALES NUMBER: 900-041-00 A.

CUSTOMER CONFIGURATION FOR: ALL CUSTOMERS.

CHECK BEFORE COVER INSPECTION REFERENCE

1. STANDARD DESCRIPTION: BMX-3A.
2. HANDLE: SILVER LABEL STATING ASM REV, S/N AND MODEL#.
3. ASM. REV. ARTWORK 041-100-00 A: STANDARD: 500-404-02 H.
4. REV. OF PROMS: 0A,04,00.
5. REV. OF EPROMS: NONE. MAKE SURE IC IS X2816A OR AP ONLY.
6. KEYWAY TABS: NO.
7. COVER: STANDARD: BMX-3 P/N=040-027-00..
8. WARNING STICKER: SPECIAL BMX-3A OPTION WARNING LABEL, PLACE LABEL OVER CPU SELECTION GUIDE (P/N=099-018-00).
9. TEST SHEET ON COVER.
10. BMX-3A OPTION RECEIVES MANUAL: 600-404-02 CURRENT REV. & STANDARD TAPE.

SPECIAL INSTRUCTIONS FOR BOARD CONFIGURATION

- I. CONFIGURATION SHEET: MUST BE FOR BMX-3A OPTION AND THE MODEL ORDERED MUST ONLY BE MN 7800 C. THE MODE CONFIGURATOR MUST BE SET MODE 1.
- II. MODS ON THE CONTROLLER BOARD:
  - a. VECTOR PINS AT W8-4, W34-1, W34-2.
  - b. 3 GOLD PINS AT BB1
  - c. FOR JUMPER SETTINGS FOR EACH MODE SEE CORRESPONDING PRINT.
  - d) RESISTOR AT A-1 CAN BE ANY OF THE FOLLOWING VALUES: 33, 39, 47, 56 OHM. SEE PRINT FOR LOCATION.
  - e. CUT FOIL BETWEEN CONNECTOR PIN A5 AND THE FLOW THRU IT LEADS TO.
  - f. ADD A WIRE FROM TH FEEDTHRU THAT WAS ATTACHED TO A5 TO THE CONNECTOR PIN A45.
- III. MODS ON THE "A" PADDLEBOARD:
  - a. MUST HAVE WARNING LABEL BMX-3A.
  - b. CUT FOIL ABOVE CONNECTOR PIN A5.
  - c. ADD WIRE FROM A45 TO J2 PIN 10, ROUTING THE WIRE FROM THE COMPONENT SIDE THRU THE CLOSEST FEEDTHRU TO THE SOLDER SIDE. THIS MUST BE GREEN LEADWIRE. NOTE THE CONNECTOR MARKED PD IS CONNECTOR J2.
  - d. SET BOTH THE "A" AND "B" PADDLEBOARD MODE 1 SEE PRINT FOR INSTRUCTIONS.

PADDLE ASSEMBLY REV'S:

1. "A" PADDLE BOARD: ARTWORK # 041-087-00 C=ASM. REV. 500-408-01 D.
2. "B" PADDLE BOARD: ARTWORK # 041-088-00 B=ASM. REV. 500-409-01 C.

BOARD # 041-071-00 B (945-000 B)

MODEL # MZT-3

SALES NUMBER: 900-092-01 A.

CONFIGURATION FOR: ALL CUSTOMERS.

CHECK BEFORE COVER INSPECTION REFERENCE

- 1. STANDARD DESCRIPTION: MZT-3.
- 2. HANDLE: USE SILVER LABEL.
- 3. ASM. REV.: NON-FCC= 500-403-00 D.
- 4. REV. OF PROMS: NONE.
- 5. REV. OF EPROMS: -00.
- 6. KEYWAY TABS: YES.
- 7. CHECK IN HOUSE S/N VS. OUTGOING S/N ON THE LOG SHEET.

SPECIAL INSTRUCTIONS FOR BOARD CONFIGURATION

- I. THERE IS NOTHING TO VERIFY ON THE CONFIGURATION SHEET, HOWEVER SEE REMARKS/SPECIAL INSTRUCTIONS SECTION.
- II. EPROM LABEL:
  - a. A SPECIAL VINYL LABEL MUST BE USED.
  - b. EPROM LABEL AT LOCATION D-7 IS P11700. SEE PRINT/NEXT PAGE FOR REFERENCE.
- III. ASSEMBLY REVISION & SERIAL NUMBER:
  - a. SILVER LABEL USED ON THE TOP SIDE OF THE BOARD NEAR THE LED'S. SEE PRINT/NEXT PAGE FOR ACTUAL LOCATION.

LABEL EXAMPLE:

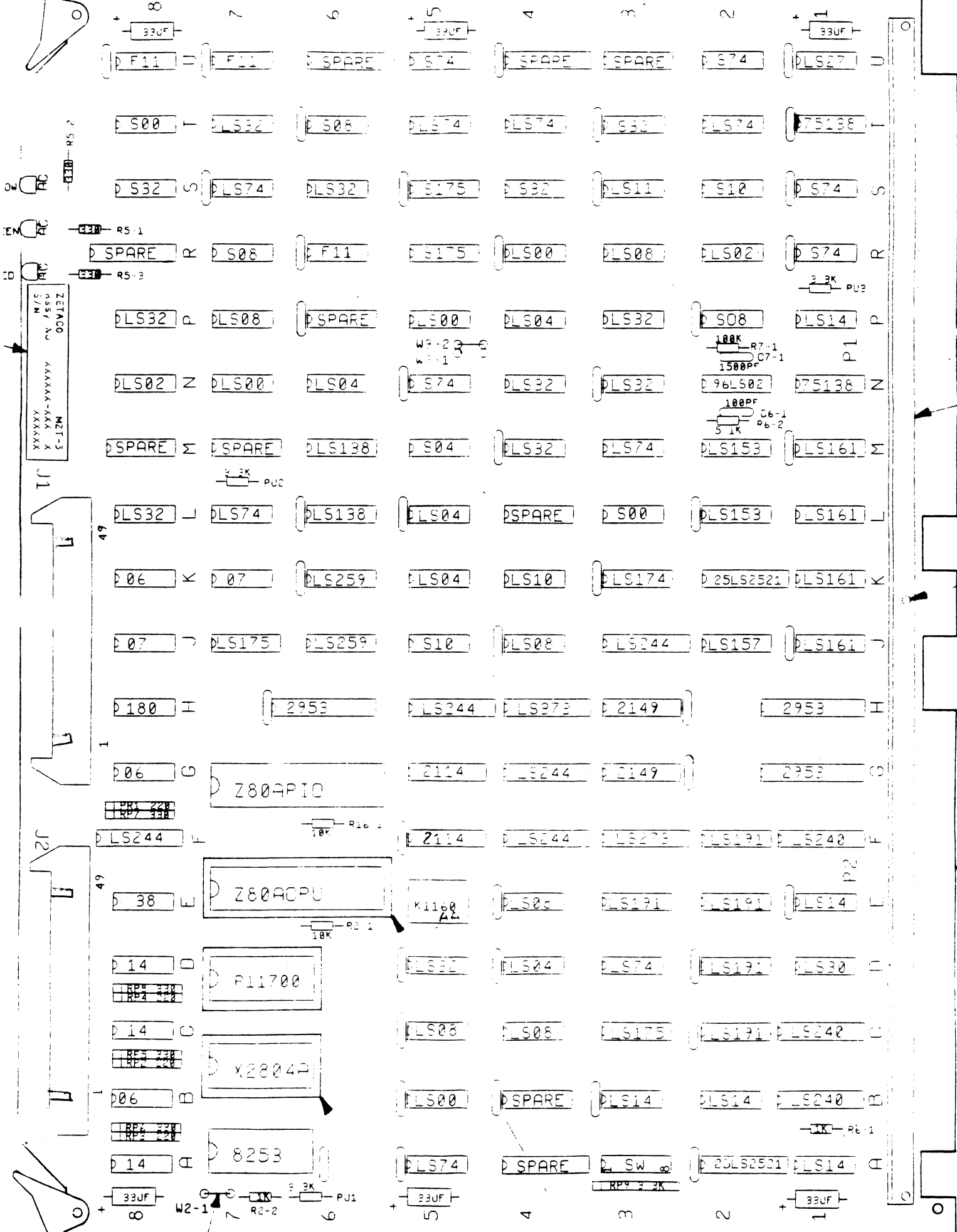
```

-----
ZETACO                               MZT-3
ASSY. NO. ....
S/N .....
-----

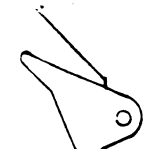
```

- IV. JUMPERS:
  - a. W3-2 IN NEAR N-5.
  - b. W2-1 IN NEAR A-7.
- V. CHECK FOR METAL SCREWS ON THE STIFFENER BARS.

# NON-FCC



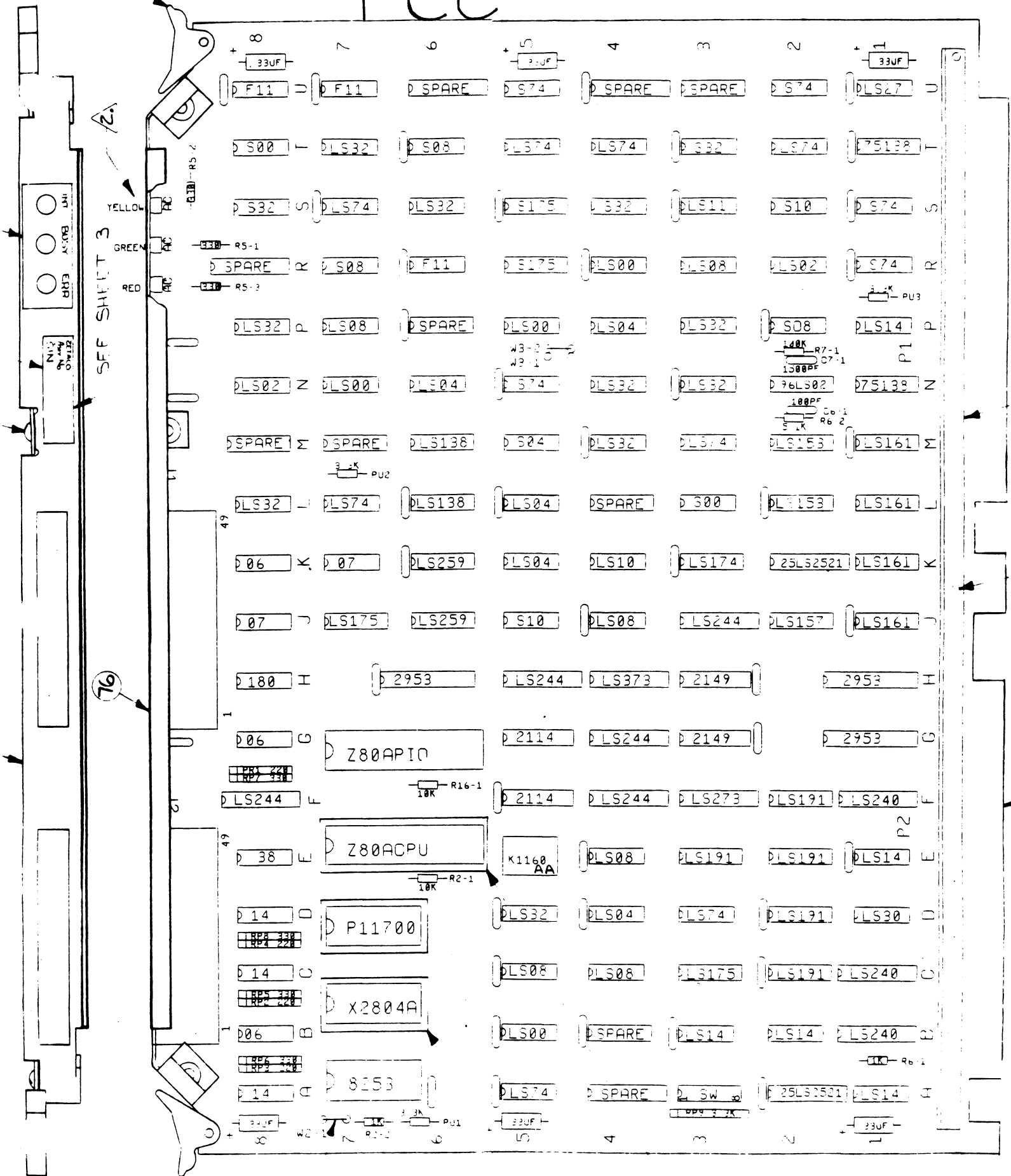
ZETA00  
N/C  
551  
571  
XXXXX-XXXXX  
5-12M  
XXXXX-XXXXX



Row	Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8
A	SPARE	S08	F11	S175	LS00	LS08	LS02	S74
B	SPARE	SPARE	LS138	S04	LS32	LS74	LS153	LS161
C	06	07	LS259	LS04	LS10	LS174	25LS2521	LS161
D	07	LS175	LS259	S10	LS08	LS244	LS157	LS161
E	06	Z80APIO	2114	LS244	2149	2953		
F	38	Z80ACPU	2114	LS244	LS279	LS191	LS240	
G	14	P11700	LS32	LS04	LS74	LS191	LS30	
H	14	X2804A	LS08	LS08	LS175	LS191	LS240	
I	06	8253	LS00	SPARE	LS14	LS14	LS240	
J	14		LS74	SPARE	LS SW	25LS2521	LS14	



# FCC



SCZ-1GE REV'S FOR ARTWORK 041-103-00 A.

ECO	ASM. REV.	REASON FOR CHANGE:
NONE	500-456-00 A	BOARD WAS RELEASED WITH ARTWORK 041-103-00 A WITH SPECIAL G.E MODS: ENSURE D4 IS A 74LS32 PIN ONE JUSTIFIED LIFT A1-2 & K3-25. ADD WIRE FROM/TO K3-23 TO D4-2, K3-25 TO D4-1, D4-3 TO A1-2, D4-7 TO GROUND, F6-20 TO F6-21, F6-20 TO F4-13, K9-15 TO J11-7, CC9-4 TO J10-12.
1029	SAME	CHANGE MANUAL FROM 600-456-00 A TO B. CHANGE TAPE FROM 400-456-00 A TO B.

SCZ-1GE REV'S FOR ARTWORK 041-118-00 A

ECO	ASM. REV.	REASON FOR CHANGE:
1036	500-456-00 B	RELEASE NEW ARTWORK 041-118-00 A. NO REWORK.
1038	SAME	CHANGE MANUAL FROM 600-456-00 B TO C.
1052	SAME	CHANGE TAPE FROM 400-456-00 B TO C.
DEV. 59	500-456-00 B+ DEV. 59	INSTALL DEV. 59.
1083	500-456-00 C A	REMOVE DEV. 59 AND INSTALL THE FOLLOWING: LIFT THE FOLLOWING: DD9-6, BB2-12, AA9-8, AA5-2, AA5-10, AA2-5, & BB2-5. ADD THE FOLLOWING WIRES FROM/TO: AA2-12 TO BB2-12 PIN. AA9-1 TO AA9-2 TO AA6-63. AA9-8 PAD TO AA9-11. AA9-8 PIN TO AA10-5 TO AA10-12. AA9-12 TO AA10-6. AA9-13 TO AA10-11. AA10-13 TO AA5-13. T4-11 TO AA5-2 PIN TO AA5-10 PIN. AA3-14 TO AA2-5 PIN TO BB2-5 PIN. DRILL OUT FEED-THRU NEAR AA4-5.

1147 500-456-00D add sockets to L1 & K1

1135 500-456-00E See SCZ-1

5-9-88

BOARD # 041-118-00 A.

MODEL # SCZ-1GE

SALES NUMBER: 900-097-00 B.

CUSTOMER CONFIGURATION FOR: G.E. MEDICAL ONLY

CHECK BEFORE COVER INSPECTION REFERENCE

1. STANDARD DESCRIPTION: SCZ-1GE.
2. HANDLE: SILVER LABEL.
3. ASM. REV.: 500-456-00 *DE*
4. REV. OF PROMS: T-5=P181-01.
5. REV. OF EPROMS: L6=P232-00.  
K6=P231-00.
6. EEPROM: U8=P230-00.  
R8=P229-00.
7. KEYWAY TABS: NO.
8. COVER: G.E. SCSI DISK CONTROLLER PART NUMBER: 040-040-00. *Pa*
9. NO TAPES OR MANUALS ARE TO BE SENT WITH ANY ORDER.
10. CHECK IN HOUSE S/N VS. OUTGOING S/N ON THE LOG SHEET.

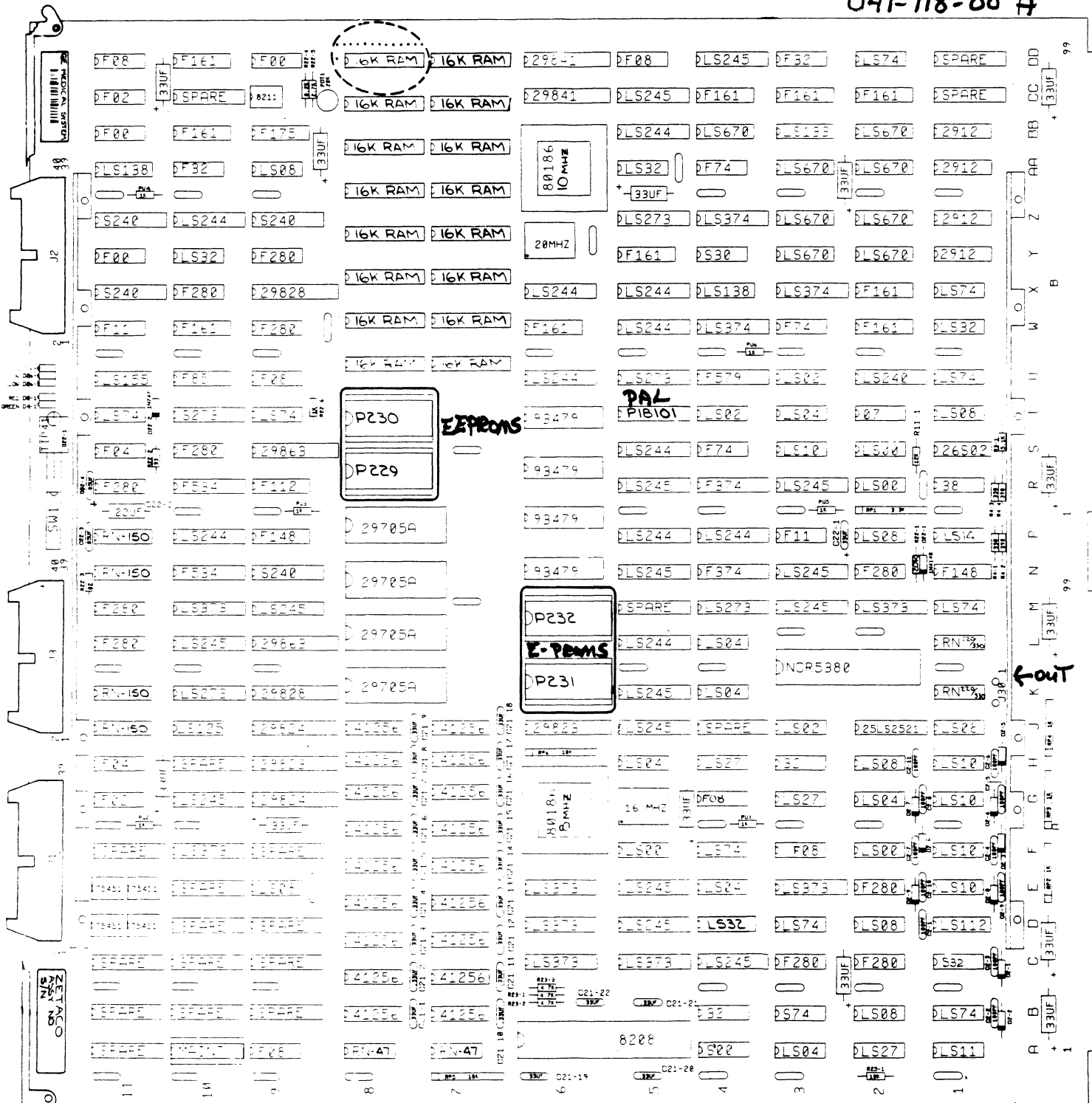
SPECIAL INSTRUCTIONS FOR BOARD CONFIGURATION

- I. THERE IS NOTHING TO VERIFY ON THE CONFIGURATION SHEET, HOWEVER SEE REMARKS/SPECIAL INSTRUCTION SECTION.
- II. SWITCH AT P-12: 1 & 2 DOWN.
- III. JUMPERS: NONE. *J30-1 out*
- ~~IV. EACH BOARD RECEIVES ONE BMC TERMINATOR P/N 300-156-00.~~
- V. EACH BOARD RECEIVES A BAR CODE LABEL P/N 099-021-00 & EACH BAR CODE LABEL HAS A DIFFERENT NUMBER, NOTE EACH NUMBER ON THE SERIAL LOG SHEET.
- VI. SEE PRINT.

*VII Ensure all bds are network 041-118-00A!!!*

# SCZ-1GE

041-118-00 A



SKS-15 850-011-01 OPTION

SKS-15 SHIPS WITH AN SCZ-1 BOARD, SEE SCZ-1 COVERCHECK FOR INSPECTION.

SKZ-15 " " " SCZ-2 Board

LABEL REQUIREMENTS:

ZETACO: DISK MODULE

MODEL NO: 850-011-01 E

VOLTS: 120 VAC

HZ: 50/60

AMPS: 4

FUSE SIZE: 6.25 AMPS

VISUAL: P/N 777000

94171-

ALL SKS-15  
There is ~~no~~ NO difference  
Between STANDARD  
~~top~~ OR

Set unit @  
Rightside

Add on  
Bmc's STAY in on the pddbd  
inside the enclosure  
jumpers stay the  
same on  
each wire

1. SKS-15=1 300 MEGABYTE MDD P/N 200-146-01 AND 1 120 VOLT POWER SUPPLY P/N 200-145-01 D. *Left side*
2. CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
3. REMOVE TRAVELLER & PUT SILVER LABEL (P/N 099-019-00) BETWEEN FAN GRILL & BLACK CONNECTOR.
4. FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO LOGO, IT ALSO STATES SCSI SUB-SYSTEM. THERE ARE 2 SQUARE LED'S, BOTH LED'S HAVE 2 WIRES ATTACHED TO THE LED, AND EACH SET OF WIRES ARE ATTACHED TO A FEMALE CONNECTOR. ONE CONNECTOR HANGS LOOSE INSIDE THE DISK MODULE AND THE OTHER ONE IS ATTACHED TO THE 300 MB MDD.
5. CHECK SILKSCREEN:
  1. SCSI in: ABOVE THE WHITE CONNECTOR.
  2. SCSI out: ABOVE THE BLACK CONNECTOR.
  3. DC GND: UNDER THE BRASS NUT.
6. VERIFY THE VOLTAGE OF 120 VOLTS (P/N 200-145-01 D) THE POWER SUPPLY MUST BE HOOKED-UP:
  - A. PIN 4 TO PIN 2 WHICH ARE THEN TERMINATED TO PINS 1 & 2 OF P1.
  - B. PIN 3 TO PIN 1 WHICH ARE THEN TERMINATED TO PIN 3 OF P1.
  - C. PIN 5 STANDS ALONE.
7. PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.
8. ENSURE A STIFFENER PLATE IS INSTALLED. THE LIP MUST BE TOWARD THE FRONT PANEL AND ALL UNUSED HOLES FILLED WITH SCREWS & LOCKWASHERS.

} pddbd board  
500-451-9

LOOSE PARTS TO SHIP:

1. 120 VOLT STANDARD POWER CORD P/N 020-025-00.
2. 1 SET OF BRACKETS; NOTE ONE RIGHT & ONE LEFT WITH KEPS NUTS & SCREWS. SCREW ARE LOCATED SECOND SLOT FROM THE RIGHT ANGLE BEND PLUS PHILLIPS, LOCK WASHER & NUT. ALSO THERE IS A STUD WITH BLACK WASHER ON BOTH SIDES OF THE BRACKETS. THE BRACKETS ARE PIECES FROM P/N 121-002-00.
3. INSTALLATION KIT P/N: 200-114-00 C.
4. NON-BULKHEAD KIT P/N: 200-155-01 B.

SKS-15 850-011-02 OPTION

SKS-15 SHIPS WITH AN SCZ-1 BOARD, SEE SCZ-1 COVERCHECK FOR INSPECTION.  
*SKS-15 SCZ-2 Bd*

## LABEL REQUIREMENTS:

ZETACO: DISK MODULE  
 MODEL NO: 850-011-02 E  
 VOLTS: 220 VAC  
 Hz: 50/60  
 AMPS: 2  
 FUSE SIZE: 3 AMPS

*Jupe LED'S*

## VISUAL:

1. SKS-15=1 300 MEGABYTE MDD P/N 200-144-01 ^D AND 1 220 VOLT POWER SUPPLY P/N 200-145-02 C. *Right Side*
2. CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
3. REMOVE TRAVELLER & PUT SILVER LABEL (P/N 099-019-00) BETWEEN FAN GRILL & BLACK CONNECTOR.
4. FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO LOGO, IT ALSO STATES SCSI SUB-SYSTEM. THERE ARE 2 SQUARE LED'S, BOTH LED'S HAVE 2 WIRES ATTACHED TO THE LED, AND EACH SET OF WIRES ARE ATTACHED TO A FEMALE CONNECTOR. ONE CONNECTOR HANGS LOOSE INSIDE THE DISK MODULE AND THE OTHER ONE IS ATTACHED TO THE 300 MB MDD.
5. CHECK SILKSCREEN: *white*
  1. SCSI in: ABOVE THE CONNECTOR.
  2. SCSI out: ABOVE THE BLACK CONNECTOR. *Polished 500-431-1*
  3. DC GND: UNDER THE BRASS NUT.
6. VERIFY THE VOLTAGE OF 220 VOLTS (P/N 200-145-02 ^S) THE POWER SUPPLY MUST BE HOOKED-UP:
  - A. PIN 2 TO PIN 3 WHICH ARE THEN TERMINATED TO PIN 2 OF P1.
  - B. PIN 1 TO PIN 3 OF P1.
  - C. PIN 5 TO PIN 1 OF P1.
  - D. PIN 4 STANDS ALONE.
7. PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.
8. ENSURE A STIFFENER PLATE IS INSTALLED. THE LIP MUST BE TOWARD THE FRONT PANEL AND ALL UNUSED HOLES FILLED WITH SCREWS & LOCKWASHERS.

## LOOSE PARTS TO SHIP:

1. 240 VOLT NON-STANDARD POWER CORD P/N 020-033-00.
2. 1 SET OF BRACKETS: NOTE ONE RIGHT & ONE LEFT WITH KEPS NUTS & SCREWS. SCREW ARE LOCATED SECOND SLOT FROM THE RIGHT ANGLE BEND PLUS PHILLIPS, LOCK WASHER & NUT. ALSO THERE IS A STUD WITH BLACK WASHER ON BOTH SIDES OF THE BRACKETS. THE BRACKETS ARE PIECES FROM P/N 121-002-00.
3. INSTALLATION KIT P/N: 200-114-00 C.
4. NON-BULKHEAD KIT P/N: 200-155-01 B.

SKS-15 850-011-03 OPTION

SKS-15 SHIPS WITH AN SC2-1 BOARD, SEE SC2-1 COVERCHECK FOR INSPECTION.

~~SKS-15~~ " " " SC2-2 Bd  
 LABEL REQUIREMENTS:  
 ZETACO: DISK MODULE  
 MODEL NO: 850-011-03 E  
 VOLTS: 230/240 VAC  
 Hz: 50/60  
 AMPS: 2  
 FUSE SIZE: 3 AMPS

Tape LEDs

## VISUAL:

1. SKS-15=1 300 MEGABYTE MDD P/N 200-146-01~~D~~ AND 1 220/240 VOLT POWER SUPPLY P/N 200-145-03 D. *Right Side*
2. CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
3. REMOVE TRAVELLER & PUT SILVER LABEL (P/N 099-019-00) BETWEEN FAN GRILL & BLACK CONNECTOR.
4. FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO LOGO, IT ALSO STATES SCSI SUB-SYSTEM. THERE ARE 2 SQUARE LED'S, BOTH LED'S HAVE 2 WIRES ATTACHED TO THE LED, AND EACH SET OF WIRES ARE ATTACHED TO A FEMALE CONNECTOR. ONE CONNECTOR HANGS LOOSE INSIDE THE DISK MODULE AND THE OTHER ONE IS ATTACHED TO THE 300 MB MDD.
5. CHECK SILKSCREEN:
  1. SCSI in: ABOVE THE WHITE CONNECTOR.
  2. SCSI out: ABOVE THE BLACK CONNECTOR. *→ Pd - 500-457-01*
  3. DC GND: UNDER THE BRASS NUT.
6. VERIFY THE VOLTAGE OF 230/240 VOLTS (P/N 200-145-03 D) THE POWER SUPPLY MUST BE HOOKED-UP:
  - A. PIN 2 TO PIN 3 WHICH ARE THEN TERMINATED TO PIN 2 OF P1.
  - B. PIN 1 TO PIN 3 OF P1.
  - C. PIN 4 TO PIN 1 OF P1.
  - D. PIN 5 STANDS ALONE.
7. PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.
8. ENSURE A STIFFENER PLATE IS INSTALLED. THE LIP MUST BE TOWARD THE FRONT PANEL AND ALL UNUSED HOLES FILLED WITH SCREWS & LOCKWASHERS.

## LOOSE PARTS TO SHIP:

1. 240 VOLT NON-STANDARD POWER CORD P/N 020-033-00.
2. 1 SET OF BRACKETS: NOTE ONE RIGHT & ONE LEFT WITH KEPS NUTS & SCREWS. SCREW ARE LOCATED SECOND SLOT FROM THE RIGHT ANGLE BEND PLUS PHILLIPS, LOCK WASHER & NUT. ALSO THERE IS A STUD WITH BLACK WASHER ON BOTH SIDES OF THE BRACKETS. THE BRACKETS ARE PIECES FROM P/N 121-002-00.
3. INSTALLATION KIT P/N: 200-114-00 C.
4. NON-BULKHEAD KIT P/N: 200-155-01 B.

SKS-25 850-012-01 OPTION

SKS-25 SHIPS WITH AN SCZ-1 BOARD, SEE SCZ-1 COVERCHECK FOR INSPECTION.

LABEL REQUIREMENTS:

ZETACO: DISK MODULE

MODEL NO: 850-012-01 E

VOLTS: 120 VAC

HZ: 50/60

AMPS: 4

FUSE SIZE: 6.25 AMPS

*ALL SKS-25 - There is NO difference between STANDARD or ADD-ON'S Both are exactly*

*Right the same  
set unit of ~~left~~ ~~right~~ ~~left~~ ~~right~~ ~~left~~ ~~right~~  
Left  
1 (Right)*

*Label on Wagon  
MN=94171-307  
S/N=Vunes  
P/N=7777000*

VISUAL:

1. SKS-~~25~~^{600F=}2 300 MEGABYTE MDD'S PN 200-146-01 D AND 2 120 VOLT POWER SUPPLIES P/N 200-145-01 D. *046-001-00*
2. CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
3. REMOVE TRAVELLER & PUT SILVER LABEL (P/N 099-019-00) BETWEEN FAN GRILL & BLACK CONNECTOR.
4. FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO LOGO, IT ALSO STATES SCSI SUB-SYSTEM. THERE ARE 2 SQUARE LED'S, BOTH ARE INSTALLED INTO THE WHITE FEMALE CONNECTOR (WITHOUT WINGS) AND EACH IS CONNECTED TO ONE OF THE 300 MB MDD'S. BLACK IS PIN ONE, PLUGS IN 1 TO 1.
5. CHECK SILKSCREEN:
  1. SCSI in: ABOVE THE WHITE CONNECTOR. *3 p/bd 506451-01*
  2. SCSI out: ABOVE THE BLACK CONNECTOR.
  3. DC GND: UNDER THE BRASS NUT.
6. VERIFY THE VOLTAGE OF 120 VOLTS (P/N 200-145-01 D) THE POWER SUPPLY MUST BE HOOKED-UP:
  - A. PIN 4 TO PIN 2 WHICH ARE THEN TERMINATED TO PINS 1 & 2 OF P1.
  - B. PIN 3 TO PIN 1 WHICH ARE THEN TERMINATED TO PIN 3 OF P1.
  - C. PIN 5 STANDS ALONE.
7. PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.
8. ENSURE A STIFFENER PLATE IS INSTALLED. THE LIP MUST BE TOWARD THE FRONT PANEL. *But Not snug against front Panel - if it is tight, you have the wrong lip - you have a differential between.*

LOOSE PARTS TO SHIP:

1. 120 VOLT STANDARD POWER CORD P/N 020-025-00.
2. 1 SET OF BRACKETS; NOTE ONE RIGHT & ONE LEFT WITH KEPS NUTS & SCREWS. SCREW ARE LOCATED SECOND SLOT FROM THE RIGHT ANGLE BEND PLUS PHILLIPS, LOCK WASHER & NUT. ALSO THERE IS A STUD WITH BLACK WASHER ON BOTH SIDES OF THE BRACKETS. THE BRACKETS ARE PIECES FROM P/N 121-002-00.
3. INSTALLATION KIT P/N: 200-114-00 C.
4. NON-BULKHEAD KIT P/N: 200-155-01 B.



## SKS-25 850-012-02 OPTION

SKS-25 SHIPS WITH AN SCZ-1 BOARD, SEE SCZ-1 COVERCHECK FOR INSPECTION.

## LABEL REQUIREMENTS:

ZETACO: DISK MODULE

MODEL NO: 850-012-02 E

VOLTS: 220 VAC

Hz: 50/60

AMPS: 2

FUSE SIZE: 3 AMPS

*Tape*  
*LEDS*

## VISUAL:

1. SKS-25=2 300 MEGABYTE MDD'S P/N 200-146-01 ~~D~~ AND 2 220 VOLT POWER SUPPLIES P/N 200-145-02 C.
2. CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
3. REMOVE TRAVELLER & PUT SILVER LABEL (P/N 099-019-00) BETWEEN FAN GRILL & BLACK CONNECTOR.
4. FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO LOGO, IT ALSO STATES SCSI SUB-SYSTEM. THERE ARE 2 SQUARE LED'S, BOTH ARE INSTALLED INTO THE WHITE FEMALE CONNECTOR (WITHOUT WINGS) AND EACH IS CONNECTED TO ONE OF THE 300 MB MDD'S. BLACK IS PIN ONE, PLUGS IN 1 TO 1.
5. CHECK SILKSCREEN:
  1. SCSI in: ABOVE THE WHITE CONNECTOR *Label 500-451-01*
  2. SCSI out: ABOVE THE BLACK CONNECTOR.
  3. DC GND: UNDER THE BRASS NUT.
6. VERIFY THE VOLTAGE OF 220 VOLTS (P/N 200-145-02 B) THE POWER SUPPLY MUST BE HOOKED-UP:
  - A. PIN 2 TO PIN 3 WHICH ARE THEN TERMINATED TO PIN 2 OF P1.
  - B. PIN 1 TO PIN 3 OF P1.
  - C. PIN 5 TO PIN 1 OF P1.
  - D. PIN 4 STANDS ALONE.
7. PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.
8. ENSURE A STIFFENER PLATE IS INSTALLED. THE LIP MUST BE TOWARD THE FRONT PANEL.

## LOOSE PARTS TO SHIP:

1. 240 VOLT NON-STANDARD POWER CORD P/N 020-033-00.
2. 1 SET OF BRACKETS: NOTE ONE RIGHT & ONE LEFT WITH KEPS NUTS & SCREWS. SCREW ARE LOCATED SECOND SLOT FROM THE RIGHT ANGLE BEND PLUS PHILLIPS, LOCK WASHER & NUT. ALSO THERE IS A STUD WITH BLACK WASHER ON BOTH SIDES OF THE BRACKETS. THE BRACKETS ARE PIECES FROM P/N 121-002-00.
3. INSTALLATION KIT P/N: 200-114-00 C.
4. NON-BULKHEAD KIT P/N: 200-155-01 B.

## SKS-25 850-012-03 OPTION

SKS-25 SHIPS WITH AN SCZ-1 BOARD, SEE SCZ-1 COVERCHECK FOR INSPECTION.

## LABEL REQUIREMENTS:

ZETACO: DISK MODULE  
 MODEL NO: 850-012-03 E  
 VOLTS: 230/240 VAC  
 Hz: 50/60  
 AMPS: 2  
 FUSE SIZE: 3 AMPS

*Tape  
LED'S*

## VISUAL:

1. SKS-25=2 300 MEGABYTE MDD'S P/N 200-146-01 ~~Q~~ AND 2 220/240 VOLT POWER SUPPLIES P/N 200-145-03 D.
2. CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
3. REMOVE TRAVELLER & PUT SILVER LABEL (P/N 099-019-00) BETWEEN FAN GRILL & BLACK CONNECTOR.
4. FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO LOGO, IT ALSO STATES SCSI SUB-SYSTEM. THERE ARE 2 SQUARE LED'S, BOTH ARE INSTALLED INTO THE WHITE FEMALE CONNECTOR (WITHOUT WINGS) AND EACH IS CONNECTED TO ONE OF THE WRENS. BLACK IS PIN ONE, PLUGS IN 1 TO 1.
5. CHECK SILKSCREEN:
  1. SCSI in: ABOVE THE WHITE CONNECTOR.
  2. SCSI out: ABOVE THE BLACK CONNECTOR.
  3. DC GND: UNDER THE BRASS NUT.
6. VERIFY THE VOLTAGE OF 230/240 VOLTS (P/N 200-145-03 D) THE POWER SUPPLY MUST BE HOOKED-UP:
  - A. PIN 2 TO PIN 3 WHICH ARE THEN TERMINATED TO PIN 2 OF P1.
  - B. PIN 1 TO PIN 3 OF P1.
  - C. PIN 4 TO PIN 1 OF P1.
  - D. PIN 5 STANDS ALONE.
7. PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.

*SCSI-457-01 B  
with 2 BNC[®] Terminators  
installed*

## LOOSE PARTS TO SHIP:

1. 240 VOLT NON-STANDARD POWER CORD P/N 020-033-00.
2. 1 SET OF BRACKETS: NOTE ONE RIGHT & ONE LEFT WITH KEPS NUTS & SCREWS. SCREW ARE LOCATED SECOND SLOT FROM THE RIGHT ANGLE BEND PLUS PHILLIPS, LOCK WASHER & NUT. ALSO THERE IS A STUD WITH BLACK WASHER ON BOTH SIDES OF THE BRACKETS. THE BRACKETS ARE PIECES FROM P/N 121-002-00.
3. INSTALLATION KIT P/N: 200-114-00 C.
4. NON-BULKHEAD KIT P/N: 200-155-01 B.

SKS-HP327 850-011-04 OPTION

LABEL REQUIREMENTS:  
ZETACO: DISK MODULE  
MODEL NO: 850-011-04 A  
VOLTS: 120 VAC  
Hz: 50/60  
AMPS: 4  
FUSE SIZE: 6.25 AMPS

*All HP's ships with SC23.1*

*tape  
LED's*

## VISUAL:

1. SKS-HP327=1 327 MEGABYTE MDD (READS 344) PN 200-146-04 A, AND 1 120 VOLT POWER SUPPLY P/N 200-145-01 D.
2. CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
3. REMOVE TRAVELLER & PUT SILVER LABEL (P/N 099-019-00) BETWEEN FAN GRILL & BLACK CONNECTOR.
4. FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO LOGO, IT ALSO STATES SCSI SUB-SYSTEM. THERE ARE 2 SQUARE LED'S, BOTH LED'S HAVE 2 WIRES ATTACHED TO THE LED, AND EACH SET OF WIRES ARE ATTACHED TO A FEMALE CONNECTOR. ONE CONNECTOR HANGS LOOSE INSIDE THE DISK MODULE AND THE OTHER ONE IS ATTACHED TO THE WREN.
5. CHECK SILKSCREEN:
  1. SCSI in: ABOVE THE WHITE CONNECTOR.
  2. SCSI out: ABOVE THE BLACK CONNECTOR.
  3. DC GND: UNDER THE BRASS NUT.
6. VERIFY THE VOLTAGE OF 120 VOLTS (P/N 200-145-01 D) THE POWER SUPPLY MUST BE HOOKED-UP:
  - A. PIN 4 TO PIN 2 WHICH ARE THEN TERMINATED TO PINS 1 & 2 OF P1.
  - B. PIN 3 TO PIN 1 WHICH ARE THEN TERMINATED TO PIN 3 OF P1.
  - C. PIN 5 STANDS ALONE.
7. PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.
8. ENSURE A STIFFENER PLATE IS INSTALLED. THE LIP MUST BE TOWARD THE FRONT PANEL AND ALL UNUSED HOLES FILLED WITH SCREWS & LOCKWASHERS.

## LOOSE PARTS TO SHIP:

1. 120 VOLT STANDARD POWER CORD P/N 020-025-00.
2. 1 SET OF BRACKETS: NOTE ONE RIGHT & ONE LEFT WITH KEPS NUTS & SCREWS. SCREW ARE LOCATED SECOND SLOT FROM THE RIGHT ANGLE BEND PLUS PHILLIPS, LOCK WASHER & NUT. ALSO THERE IS A STUD WITH BLACK WASHER ON BOTH SIDES OF THE BRACKETS. THE BRACKETS ARE PIECES FROM P/N 121-002-00.
3. INSTALLATION KIT P/N: 200-114-00 C.
4. NON-BULKHEAD KIT P/N: 200-155-01 B.

## SKS-HP327 850-011-05 OPTION

## LABEL REQUIREMENTS:

ZETACO: DISK MODULE  
MODEL NO: 850-011-05 A  
VOLTS: 220 VAC  
Hz: 50/60  
AMPS: 2  
FUSE SIZE: 3 AMPS

*Tape*  
*LED'S*

## VISUAL:

1. SKS-HP327=1 327 MEGABYTE MDD (READS 344) PN 200-146-04 A AND 1 220 VOLT POWER SUPPLY P/N 200-145-02 C.
2. CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
3. REMOVE TRAVELLER & PUT SILVER LABEL (P/N 099-019-00) BETWEEN FAN GRILL & BLACK CONNECTOR.
4. FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO LOGO, IT ALSO STATES SCSI SUB-SYSTEM. THERE ARE 2 SQUARE LED'S, BOTH LED'S HAVE 2 WIRES ATTACHED TO THE LED, AND EACH SET OF WIRES ARE ATTACHED TO A FEMALE CONNECTOR. ONE CONNECTOR HANGS LOOSE INSIDE THE DISK MODULE AND THE OTHER ONE IS ATTACHED TO THE WREN.
5. CHECK SILKSCREEN:
  1. SCSI in: ABOVE THE WHITE CONNECTOR.
  2. SCSI out: ABOVE THE BLACK CONNECTOR.
  3. DC GND: UNDER THE BRASS NUT.
6. VERIFY THE VOLTAGE OF 220 VOLTS (P/N 200-145-02 C) THE POWER SUPPLY MUST BE HOOKED-UP:
  - A. PIN 2 TO PIN 3 WHICH ARE THEN TERMINATED TO PIN 2 OF P1.
  - B. PIN 1 TO PIN 3 OF P1.
  - C. PIN 5 TO PIN 1 OF P1.
  - D. PIN 4 STANDS ALONE.
7. PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.
8. ENSURE A STIFFENER PLATE IS INSTALLED. THE LIP MUST BE TOWARD THE FRONT PANEL AND ALL UNUSED HOLES FILLED WITH SCREWS & LOCKWASHERS.

## LOOSE PARTS TO SHIP:

1. 240 VOLT NON-STANDARD POWER CORD P/N 020-033-00.
2. 1 SET OF BRACKETS: NOTE ONE RIGHT & ONE LEFT WITH KEPS NUTS & SCREWS. SCREW ARE LOCATED SECOND SLOT FROM THE RIGHT ANGLE BEND PLUS PHILLIPS, LOCK WASHER & NUT. ALSO THERE IS A STUD WITH BLACK WASHER ON BOTH SIDES OF THE BRACKETS. THE BRACKETS ARE PIECES FROM P/N 121-002-00.
3. INSTALLATION KIT P/N: 200-114-00 C.
4. NON-BULKHEAD KIT P/N: 200-155-01 B.

## SKS-HP327 850-011-06 OPTION

## LABEL REQUIREMENTS:

ZETACO: DISK MODULE  
MODEL NO: 850-011-06 A  
VOLTS: 230/240 VAC  
Hz: 50/60  
AMPS: 2  
FUSE SIZE: 3 AMPS

*Fudge*  
*LED'S*

## VISUAL:

1. SKS-HP327=1 327 MEGABYTE MDD (READS 344) P/N 200-146-04 A AND 1 220/240 VOLT POWER SUPPLY P/N 200-145-03 D.
2. CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
3. REMOVE TRAVELLER & PUT SILVER LABEL (P/N 099-019-00) BETWEEN FAN GRILL & BLACK CONNECTOR.
4. FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO LOGO, IT ALSO STATES SCSI SUB-SYSTEM. THERE ARE 2 SQUARE LED'S, BOTH LED'S HAVE 2 WIRES ATTACHED TO THE LED, AND EACH SET OF WIRES ARE ATTACHED TO A FEMALE CONNECTOR. ONE CONNECTOR HANGS LOOSE INSIDE THE DISK MODULE AND THE OTHER ONE IS ATTACHED TO THE WREN.
5. CHECK SILKSCREEN:
  1. SCSI in: ABOVE THE WHITE CONNECTOR.
  2. SCSI out: ABOVE THE BLACK CONNECTOR.
  3. DC GND: UNDER THE BRASS NUT.
6. VERIFY THE VOLTAGE OF 230/240 VOLTS (P/N 200-145-03 D) THE POWER SUPPLY MUST BE HOOKED-UP:
  - A. PIN 2 TO PIN 3 WHICH ARE THEN TERMINATED TO PIN 2 OF P1.
  - B. PIN 1 TO PIN 3 OF P1.
  - C. PIN 4 TO PIN 1 OF P1.
  - D. PIN 5 STANDS ALONE.
7. PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.
8. ENSURE A STIFFENER PLATE IS INSTALLED. THE LIP MUST BE TOWARD THE FRONT PANEL AND ALL UNUSED HOLES FILLED WITH SCREWS & LOCKWASHERS.

## LOOSE PARTS TO SHIP:

1. 240 VOLT NON-STANDARD POWER CORD P/N 020-033-00.
2. 1 SET OF BRACKETS: NOTE ONE RIGHT & ONE LEFT WITH KEPS NUTS & SCREWS. SCREW ARE LOCATED SECOND SLOT FROM THE RIGHT ANGLE BEND PLUS PHILLIPS, LOCK WASHER & NUT. ALSO THERE IS A STUD WITH BLACK WASHER ON BOTH SIDES OF THE BRACKETS. THE BRACKETS ARE PIECES FROM P/N 121-002-00.
3. INSTALLATION KIT P/N: 200-114-00 C.
4. NON-BULKHEAD KIT P/N: 200-155-01 B.

SKS-HP601 850-011-07 OPTION

LABEL REQUIREMENTS:  
ZETACO: DISK MODULE  
MODEL NO: 850-011-07 A  
VOLTS: 120 VAC  
Hz: 50/60  
AMPS: 4  
FUSE SIZE: 6.25 AMPS

*Single unit  
from front view:  
Disk; Power Supply  
are installed on the  
Right hand side*

*File  
LEDS*

VISUAL:

*(1435)*

1. SKS-HP601=1 601 MEGABYTE MDD (READS 702) PN 200-146-05 *B* AND 1 120 VOLT POWER SUPPLY P/N 200-145-01 D. *096-055-00 B*

2. CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC. *MN=94181-702 MC=750-0293 mfg-77777 SD*

3. REMOVE TRAVELLER & PUT SILVER LABEL (P/N 099-019-00) BETWEEN FAN GRILL & BLACK CONNECTOR.

4. FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO LOGO, IT ALSO STATES SCSI SUB-SYSTEM. THERE ARE 2 SQUARE LED'S, BOTH LED'S HAVE 2 WIRES ATTACHED TO THE LED, AND EACH SET OF WIRES ARE ATTACHED TO A FEMALE CONNECTOR. ONE CONNECTOR HANGS LOOSE INSIDE THE DISK MODULE AND THE OTHER ONE IS ATTACHED TO THE WREN.

5. CHECK SILKSCREEN:

- 1. SCSI in: ABOVE THE WHITE CONNECTOR.
- 2. SCSI out: ABOVE THE BLACK CONNECTOR.
- 3. DC GND: UNDER THE BRASS NUT.

6. VERIFY THE VOLTAGE OF 120 VOLTS (P/N 200-145-01 D) THE POWER SUPPLY MUST BE HOOKED-UP:

- A. PIN 4 TO PIN 2 WHICH ARE THEN TERMINATED TO PINS 1 & 2 OF P1.
- B. PIN 3 TO PIN 1 WHICH ARE THEN TERMINATED TO PIN 3 OF P1.
- C. PIN 5 STANDS ALONE.

7. PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.

8. ENSURE A STIFFENER PLATE IS INSTALLED. THE LIP MUST BE TOWARD THE FRONT PANEL AND ALL UNUSED HOLES FILLED WITH SCREWS & LOCKWASHERS.

*9 ✓ for terminated PCB between the 2 fans*

LOOSE PARTS TO SHIP:

- 1. 120 VOLT STANDARD POWER CORD P/N 020-025-00.
- 2. 1 SET OF BRACKETS: NOTE ONE RIGHT & ONE LEFT WITH KEPS NUTS & SCREWS. SCREW ARE LOCATED SECOND SLOT FROM THE RIGHT ANGLE BEND PLUS PHILLIPS, LOCK WASHER & NUT. ALSO THERE IS A STUDY WITH BLACK WASHER ON BOTH SIDES OF THE BRACKETS. THE BRACKETS ARE PIECES FROM P/N 121-002-00. *QP-50*
- 3. INSTALLATION KIT P/N: 200-114-00 C.
- 4. ~~NON-BULKHEAD KIT P/N: 200-155-01 B.~~

## SKS-HP601 850-011-08 OPTION

## LABEL REQUIREMENTS:

ZETACO: DISK MODULE  
 MODEL NO: 850-011-08 A  
 VOLTS: 220 VAC  
 Hz: 50/60  
 AMPS: 2  
 FUSE SIZE: 3 AMPS

*Tape*  
*LED3*  
*(N35)*  
*B*

## VISUAL:

1. SKS-HP601=1 601 MEGABYTE MDD (READS 702) PN 200-146-05 ~~A~~ AND 1 220 VOLT POWER SUPPLY P/N 200-145-02 C.
2. CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
3. REMOVE TRAVELLER & PUT SILVER LABEL (P/N 099-019-00) BETWEEN FAN GRILL & BLACK CONNECTOR.
4. FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO LOGO, IT ALSO STATES SCSI SUB-SYSTEM. THERE ARE 2 SQUARE LED'S, BOTH LED'S HAVE 2 WIRES ATTACHED TO THE LED, AND EACH SET OF WIRES ARE ATTACHED TO A FEMALE CONNECTOR. ONE CONNECTOR HANGS LOOSE INSIDE THE DISK MODULE AND THE OTHER ONE IS ATTACHED TO THE WREN.
5. CHECK SILKSCREEN:
  1. SCSI in: ABOVE THE WHITE CONNECTOR.
  2. SCSI out: ABOVE THE BLACK CONNECTOR.
  3. DC GND: UNDER THE BRASS NUT.
6. VERIFY THE VOLTAGE OF 220 VOLTS (P/N 200-145-02 C) THE POWER SUPPLY MUST BE HOOKED-UP:
  - A. PIN 2 TO PIN 3 WHICH ARE THEN TERMINATED TO PIN 2 OF P1.
  - B. PIN 1 TO PIN 3 OF P1.
  - C. PIN 5 TO PIN 1 OF P1.
  - D. PIN 4 STANDS ALONE.
7. PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.
8. ENSURE A STIFFENER PLATE IS INSTALLED. THE LIP MUST BE TOWARD THE FRONT PANEL AND ALL UNUSED HOLES FILLED WITH SCREWS & LOCKWASHERS.

## LOOSE PARTS TO SHIP:

1. 240 VOLT NON-STANDARD POWER CORD P/N 020-033-00.
2. 1 SET OF BRACKETS: NOTE ONE RIGHT & ONE LEFT WITH KEPS NUTS & SCREWS. SCREW ARE LOCATED SECOND SLOT FROM THE RIGHT ANGLE BEND PLUS PHILLIPS, LOCK WASHER & NUT. ALSO THERE IS A STUD WITH BLACK WASHER ON BOTH SIDES OF THE BRACKETS. THE BRACKETS ARE PIECES FROM P/N 121-002-00.
3. INSTALLATION KIT P/N: 200-114-00 C.
4. NON-BULKHEAD KIT P/N: 200-155-01 B.

## SKS-HP601 850-011-09 OPTION

## LABEL REQUIREMENTS:

ZETACO: DISK MODULE  
 MODEL NO: 850-011-09 A  
 VOLTS: 230/240 VAC  
 Hz: 50/60  
 AMPS: 2  
 FUSE SIZE: 3 AMPS

*Tape*  
*LED'S*

## VISUAL:

1. SKS-HP601=1 601 MEGABYTE MDD (READS 702) PN 200-146-05 ^(J435)~~A~~ AND 1 220/240 VOLT POWER SUPPLY P/N 200-145-03 D.
  2. CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
  3. REMOVE TRAVELLER & PUT SILVER LABEL (P/N 099-019-00) BETWEEN FAN GRILL & BLACK CONNECTOR.
  4. FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO LOGO, IT ALSO STATES SCSI SUB-SYSTEM. THERE ARE 2 SQUARE LED'S, BOTH LED'S HAVE 2 WIRES ATTACHED TO THE LED, AND EACH SET OF WIRES ARE ATTACHED TO A FEMALE CONNECTOR. ONE CONNECTOR HANGS LOOSE INSIDE THE DISK MODULE AND THE OTHER ONE IS ATTACHED TO THE WREN.
  5. CHECK SILKSCREEN:
    1. SCSI in: ABOVE THE WHITE CONNECTOR.
    2. SCSI out: ABOVE THE BLACK CONNECTOR.
    3. DC GND: UNDER THE BRASS NUT.
  6. VERIFY THE VOLTAGE OF 230/240 VOLTS (P/N 200-145-03 D) THE POWER SUPPLY MUST BE HOOKED-UP:
    - A. PIN 2 TO PIN 3 WHICH ARE THEN TERMINATED TO PIN 2 OF P1.
    - B. PIN 1 TO PIN 3 OF P1.
    - C. PIN 4 TO PIN 1 OF P1.
    - D. PIN 5 STANDS ALONE.
  7. PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.
  8. ENSURE A STIFFENER PLATE IS INSTALLED. THE LIP MUST BE TOWARD THE FRONT PANEL AND ALL UNUSED HOLES FILLED WITH SCREWS & LOCKWASHERS.
- LOOSE PARTS TO SHIP:
1. 240 VOLT NON-STANDARD POWER CORD P/N 020-033-00.
  2. 1 SET OF BRACKETS: NOTE ONE RIGHT & ONE LEFT WITH KEPS NUTS & SCREWS. SCREW ARE LOCATED SECOND SLOT FROM THE RIGHT ANGLE BEND PLUS PHILLIPS, LOCK WASHER & NUT. ALSO THERE IS A STUD WITH BLACK WASHER ON BOTH SIDES OF THE BRACKETS. THE BRACKETS ARE PIECES FROM P/N 121-002-00.
  3. INSTALLATION KIT P/N: 200-114-00 C.
  4. NON-BULKHEAD KIT P/N: 200-155-01 B.



SKS-HP654 850-012-04 OPTION

## LABEL REQUIREMENTS:

ZETACO: DISK MODULE  
 MODEL NO: 850-012-04 A  
 VOLTS: 120 VAC  
 Hz: 50/60  
 AMPS: 4  
 FUSE SIZE: 6.25 AMPS

*HP=SC2-3.1  
 Tape  
 LED'S*

## VISUAL:

1. SKS-HP654=2 327 MEGABYTE MDD'S (READS 344) P/N 200-146-04 A AND 2 120 VOLT POWER SUPPLIES P/N 200-145-01 D.
2. CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
3. REMOVE TRAVELLER & PUT SILVER LABEL (P/N 099-019-00) BETWEEN FAN GRILL & BLACK CONNECTOR.
4. FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO LOGO, IT ALSO STATES SCSI SUB-SYSTEM. THERE ARE 2 SQUARE LED'S, BOTH ARE INSTALLED INTO THE WHITE FEMALE CONNECTOR (WITHOUT WINGS) AND EACH IS CONNECTED TO ONE OF THE WRENS. BLACK IS PIN ONE, PLUGS IN 1 TO 1.
5. CHECK SILKSCREEN: ~~SET~~
  1. SCSI in: ~~ABOVE THE~~ WHITE CONNECTOR. *AS WAS*
  2. SCSI out: ~~ABOVE THE~~ BLACK CONNECTOR. *AS WAS*
  3. DC GND: UNDER THE BRASS NUT.
6. VERIFY THE VOLTAGE OF 120 VOLTS (P/N 200-145-01 D) THE POWER SUPPLY MUST BE HOOKED-UP:
  - A. PIN 4 TO PIN 2 WHICH ARE THEN TERMINATED TO PINS 1 & 2 OF P1.
  - B. PIN 3 TO PIN 1 WHICH ARE THEN TERMINATED TO PIN 3 OF P1.
  - C. PIN 5 STANDS ALONE.
7. PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.
8. ENSURE A STIFFENER PLATE IS INSTALLED. THE LIP MUST BE TOWARD THE FRONT PANEL.

## LOOSE PARTS TO SHIP:

1. 120 VOLT STANDARD POWER CORD P/N 020-025-00.
2. 1 SET OF BRACKETS: NOTE ONE RIGHT & ONE LEFT WITH KEPS NUTS & SCREWS. SCREW ARE LOCATED SECOND SLOT FROM THE RIGHT ANGLE BEND PLUS PHILLIPS, LOCK WASHER & NUT. ALSO THERE IS A STUD WITH BLACK WASHER ON BOTH SIDES OF THE BRACKETS. THE BRACKETS ARE PIECES FROM P/N 121-002-00.
3. INSTALLATION KIT P/N: 200-114-00 C.
4. NON-BULKHEAD KIT P/N: 200-155-01 B.

## SKS-HP654 850-012-05 OPTION

## LABEL REQUIREMENTS:

ZETACO: DISK MODULE  
MODEL NO: 850-012-05 A  
VOLTS: 220 VAC  
Hz: 50/60  
AMPS: 2  
FUSE SIZE: 3 AMPS

*Step*  
*LED'S*

## VISUAL:

1. SKS-HP654=2 327 MEGABYTE MDD'S (READS 344) P/N 200-146-04 A AND 2 220 VOLT POWER SUPPLIES P/N 200-145-02 C.
2. CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
3. REMOVE TRAVELLER & PUT SILVER LABEL (P/N 099-019-00) BETWEEN FAN GRILL & BLACK CONNECTOR.
4. FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO LOGO, IT ALSO STATES SCSI SUB-SYSTEM. THERE ARE 2 SQUARE LED'S, BOTH ARE INSTALLED INTO THE WHITE FEMALE CONNECTOR (WITHOUT WINGS) AND EACH IS CONNECTED TO ONE OF THE WRENS. BLACK IS PIN ONE, PLUGS IN 1 TO 1.
5. CHECK SILKSCREEN:
  1. SCSI in: ABOVE THE WHITE CONNECTOR.
  2. SCSI out: ABOVE THE BLACK CONNECTOR.
  3. DC GND: UNDER THE BRASS NUT.
6. VERIFY THE VOLTAGE OF 220 VOLTS (P/N 200-145-02 C) THE POWER SUPPLY MUST BE HOOKED-UP:
  - A. PIN 2 TO PIN 3 WHICH ARE THEN TERMINATED TO PIN 2 OF P1.
  - B. PIN 1 TO PIN 3 OF P1.
  - C. PIN 5 TO PIN 1 OF P1.
  - D. PIN 4 STANDS ALONE.
7. PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.
8. ENSURE A STIFFENER PLATE IS INSTALLED. THE LIP MUST BE TOWARD THE FRONT PANEL.

## LOOSE PARTS TO SHIP:

1. 240 VOLT NON-STANDARD POWER CORD P/N 020-033-00.
2. 1 SET OF BRACKETS: NOTE ONE RIGHT & ONE LEFT WITH KEPS NUTS & SCREWS. SCREW ARE LOCATED SECOND SLOT FROM THE RIGHT ANGLE BEND PLUS PHILLIPS, LOCK WASHER & NUT. ALSO THERE IS A STUD WITH BLACK WASHER ON BOTH SIDES OF THE BRACKETS. THE BRACKETS ARE PIECES FROM P/N 121-002-00.
3. INSTALLATION KIT P/N: 200-114-00 C.
4. NON-BULKHEAD KIT P/N: 200-155-01 B.

## SKS-HP654 850-012-06 OPTION

## LABEL REQUIREMENTS:

ZETACO: DISK MODULE  
MODEL NO: 850-012-06 A  
VOLTS: 230/240 VAC  
Hz: 50/60  
AMPS: 2  
FUSE SIZE: 3 AMPS

*Tape  
LED's*

## VISUAL:

1. SKS-HP654=2 327 MEGABYTE MDD'S (READS 344) P/N 200-146-04 A AND 2 220/240 VOLT POWER SUPPLIES P/N 200-145-03 D.
2. CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
3. REMOVE TRAVELLER & PUT SILVER LABEL (P/N 099-019-00) BETWEEN FAN GRILL & BLACK CONNECTOR.
4. FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO LOGO, IT ALSO STATES SCSI SUB-SYSTEM. THERE ARE 2 SQUARE LED'S, BOTH ARE INSTALLED INTO THE WHITE FEMALE CONNECTOR (WITHOUT WINGS) AND EACH IS CONNECTED TO ONE OF THE WRENS. BLACK IS PIN ONE, PLUGS IN 1 TO 1.
5. CHECK SILKSCREEN:
  1. SCSI in: ABOVE THE WHITE CONNECTOR.
  2. SCSI out: ABOVE THE BLACK CONNECTOR.
  3. DC GND: UNDER THE BRASS NUT.
6. VERIFY THE VOLTAGE OF 230/240 VOLTS (P/N 200-145-03 D) THE POWER SUPPLY MUST BE HOOKED-UP:
  - A. PIN 2 TO PIN 3 WHICH ARE THEN TERMINATED TO PIN 2 OF P1.
  - B. PIN 1 TO PIN 3 OF P1.
  - C. PIN 4 TO PIN 1 OF P1.
  - D. PIN 5 STANDS ALONE.
7. PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.

## LOOSE PARTS TO SHIP:

1. 240 VOLT NON-STANDARD POWER CORD P/N 020-033-00.
2. 1 SET OF BRACKETS: NOTE ONE RIGHT & ONE LEFT WITH KEPS NUTS & SCREWS. SCREW ARE LOCATED SECOND SLOT FROM THE RIGHT ANGLE BEND PLUS PHILLIPS, LOCK WASHER & NUT. ALSO THERE IS A STUD WITH BLACK WASHER ON BOTH SIDES OF THE BRACKETS. THE BRACKETS ARE PIECES FROM P/N 121-002-00.
3. INSTALLATION KIT P/N: 200-114-00 C.
4. NON-BULKHEAD KIT P/N: 200-155-01 B.

TITLE: DOUBLE DISK MODULE

12-28-88

SKS-HP1202 850-012-07 OPTION

7undo, 1  
 LABEL REQUIREMENTS:  
 ZETACO: DISK MODULE  
 MODEL NO: 850-012-07 A  
 VOLTS: 120 VAC  
 Hz: 50/60  
 AMPS: 4  
 FUSE SIZE: 6.25 AMPS

MN = 94181-702  
 MC = 750-0293 or 750-5466  
 MFG PIN = 7777750  
 these 2 MC's can be mixed.

*[Handwritten signature]*  
 (1435)

VISUAL:

1. SKS-HP1202=2 601 MEGABYTE MDD'S (READS 702) PN 200-146-05 ⁹⁴¹⁸¹⁻ AND 2 120 VOLT POWER SUPPLIES P/N 200-145-01 D. ⁸ (096-055-00 A)
2. CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
3. REMOVE TRAVELLER & PUT SILVER LABEL (P/N 099-019-00) BETWEEN FAN GRILL & BLACK CONNECTOR.
4. FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO LOGO, IT ALSO STATES SCSI SUB-SYSTEM. THERE ARE 2 SQUARE LED'S, BOTH ARE INSTALLED INTO THE WHITE FEMALE CONNECTOR (WITHOUT WINGS) AND EACH IS CONNECTED TO ONE OF THE WRENS. BLACK IS PIN ONE, PLUGS IN 1 TO 1.
5. CHECK SILKSCREEN:
  1. SCSI in: ABOVE THE WHITE CONNECTOR.
  2. SCSI out: ABOVE THE BLACK CONNECTOR.
  3. DC GND: UNDER THE BRASS NUT.
6. VERIFY THE VOLTAGE OF 120 VOLTS (P/N 200-145-01 D) THE POWER SUPPLY MUST BE HOOKED-UP:
  - A. PIN 4 TO PIN 2 WHICH ARE THEN TERMINATED TO PINS 1 & 2 OF P1.
  - B. PIN 3 TO PIN 1 WHICH ARE THEN TERMINATED TO PIN 3 OF P1.
  - C. PIN 5 STANDS ALONE.
7. PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.
8. ENSURE A STIFFENER PLATE IS INSTALLED. THE LIP MUST BE TOWARD THE FRONT PANEL.

LOOSE PARTS TO SHIP:

1. 120 VOLT STANDARD POWER CORD P/N 020-025-00.
2. 1 SET OF BRACKETS: NOTE ONE RIGHT & ONE LEFT WITH KEPS NUTS & SCREWS. SCREW ARE LOCATED SECOND SLOT FROM THE RIGHT ANGLE BEND PLUS PHILLIPS, LOCK WASHER & NUT. ALSO THERE IS A STUD WITH BLACK WASHER ON BOTH SIDES OF THE BRACKETS. THE BRACKETS ARE PIECES FROM P/N 121-002-00.
3. INSTALLATION KIT P/N: 200-114-00 C.
4. ~~NON-BULKHEAD KIT P/N: 200-155-01 B.~~

QP-50  
 11

SKS-HP1202 850-012-08 OPTION

## LABEL REQUIREMENTS:

ZETACO: DISK MODULE  
MODEL NO: 850-012-08 A  
VOLTS: 220 VAC  
Hz: 50/60  
AMPS: 2  
FUSE SIZE: 3 AMPS

*Tape  
LED'S*

## VISUAL:

*(435)*

1. SKS-HP1201=2 601 MEGABYTE MDD'S (READS 702) P/N 200-146-05 ^B AND 2 220 VOLT POWER SUPPLIES P/N 200-145-02 C.
2. CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
3. REMOVE TRAVELLER & PUT SILVER LABEL (P/N 099-019-00) BETWEEN FAN GRILL & BLACK CONNECTOR.
4. FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO LOGO, IT ALSO STATES SCSI SUB-SYSTEM. THERE ARE 2 SQUARE LED'S, BOTH ARE INSTALLED INTO THE WHITE FEMALE CONNECTOR (WITHOUT WINGS) AND EACH IS CONNECTED TO ONE OF THE WRENS. BLACK IS PIN ONE, PLUGS IN 1 TO 1.
5. CHECK SILKSCREEN:
  1. SCSI in: ABOVE THE WHITE CONNECTOR.
  2. SCSI out: ABOVE THE BLACK CONNECTOR.
  3. DC GND: UNDER THE BRASS NUT.
6. VERIFY THE VOLTAGE OF 220 VOLTS (P/N 200-145-02 C) THE POWER SUPPLY MUST BE HOOKED-UP:
  - A. PIN 2 TO PIN 3 WHICH ARE THEN TERMINATED TO PIN 2 OF P1.
  - B. PIN 1 TO PIN 3 OF P1.
  - C. PIN 5 TO PIN 1 OF P1.
  - D. PIN 4 STANDS ALONE.
7. PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.
8. ENSURE A STIFFENER PLATE IS INSTALLED. THE LIP MUST BE TOWARD THE FRONT PANEL.

## LOOSE PARTS TO SHIP:

1. 240 VOLT NON-STANDARD POWER CORD P/N 020-033-00.
2. 1 SET OF BRACKETS: NOTE ONE RIGHT & ONE LEFT WITH KEPS NUTS & SCREWS. SCREW ARE LOCATED SECOND SLOT FROM THE RIGHT ANGLE BEND PLUS PHILLIPS, LOCK WASHER & NUT. ALSO THERE IS A STUD WITH BLACK WASHER ON BOTH SIDES OF THE BRACKETS. THE BRACKETS ARE PIECES FROM P/N 121-002-00.
3. INSTALLATION KIT P/N: 200-114-00 C.
4. NON-BULKHEAD KIT P/N: 200-155-01 B.

## SKS-HP1202 850-012-09 OPTION

## LABEL REQUIREMENTS:

ZETACO: DISK MODULE  
 MODEL NO: 850-012-09 A  
 VOLTS: 230/240 VAC  
 Hz: 50/60  
 AMPS: 2  
 FUSE SIZE: 3 AMPS

*Tape  
LEDS*

## VISUAL:

(1435)

1. SKS-HP1202=2 601 MEGABYTE MDD'S (READS 702) P/N 200-146-05 ^B AND 2 220/240 VOLT POWER SUPPLIES P/N 200-145-03 D.
2. CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
3. REMOVE TRAVELLER & PUT SILVER LABEL (P/N 099-019-00) BETWEEN FAN GRILL & BLACK CONNECTOR.
4. FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO LOGO, IT ALSO STATES SCSI SUB-SYSTEM. THERE ARE 2 SQUARE LED'S, BOTH ARE INSTALLED INTO THE WHITE FEMALE CONNECTOR (WITHOUT WINGS) AND EACH IS CONNECTED TO ONE OF THE WRENS. BLACK IS PIN ONE, PLUGS IN 1 TO 1.
5. CHECK SILKSCREEN:
  1. SCSI in: ABOVE THE WHITE CONNECTOR.
  2. SCSI out: ABOVE THE BLACK CONNECTOR.
  3. DC GND: UNDER THE BRASS NUT.
6. VERIFY THE VOLTAGE OF 230/240 VOLTS (P/N 200-145-03 D) THE POWER SUPPLY MUST BE HOOKED-UP:
  - A. PIN 2 TO PIN 3 WHICH ARE THEN TERMINATED TO PIN 2 OF P1.
  - B. PIN 1 TO PIN 3 OF P1.
  - C. PIN 4 TO PIN 1 OF P1.
  - D. PIN 5 STANDS ALONE.
7. PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.

## LOOSE PARTS TO SHIP:

1. 240 VOLT NON-STANDARD POWER CORD P/N 020-033-00.
2. 1 SET OF BRACKETS: NOTE ONE RIGHT & ONE LEFT WITH KEPS NUTS & SCREWS. SCREW ARE LOCATED SECOND SLOT FROM THE RIGHT ANGLE BEND PLUS PHILLIPS, LOCK WASHER & NUT. ALSO THERE IS A STUD WITH BLACK WASHER ON BOTH SIDES OF THE BRACKETS. THE BRACKETS ARE PIECES FROM P/N 121-002-00.
3. INSTALLATION KIT P/N: 200-114-00 C.
4. NON-BULKHEAD KIT P/N: 200-155-01 B.

TITLE: DOUBLE DISK MODULE

12-28-88

SKS-2 800-027-01 A OPTION

SALES NUMBER: 900-XXX-XX A SEE SALES SHEET FOR ACCESSORIES NEEDED.

*B = change test procedure*

LABEL REQUIREMENTS:

NOTE: THIS UNIT DOES NOT HAVE ANY WRENS INSTALLED.

ZETACO: DISK MODULE

MODEL NO: 800-027-01 *AB*

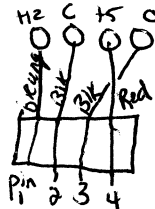
200-146-01

VOLTS: 120 VAC

HZ: 50/60

AMPS: 4

FUSE SIZE: 6.25 AMPS



*Handwritten signature*

VISUAL:

1. SKS-2=2 120 VOLT POWER SUPPLIES P/N 200-145-01 *D*. THIS IS WITHOUT A TERMINATOR PADDLEBOARD. CABLE CONNECTORS ONLY P/N 300-189-01 *B*.
2. CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
3. REMOVE TRAVELLER & PUT SILVER LABEL (P/N 099-019-00) BETWEEN FAN GRILL & ~~BLACK~~ CONNECTOR. ~~WRITE DOWN THE SERIAL NUMBER ON THE TRAVELLER.~~ *Label*
4. FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO LOGO, IT ALSO STATES SCSI SUB-SYSTEM. THERE ARE 2 SQUARE LED'S, BOTH ARE INSTALLED INTO THE WHITE FEMALE CONNECTOR (WITHOUT WINGS) AND EACH IS CONNECTED TO A MALE CONNECTOR WITH WINGS WITH RED AND BLACK WIRES. WHEN THE FRONT PANEL IS TOWARDS YOU, BLACK IS ON YOUR RIGHT AND BLACK PLUGS IN PIN ONE.
5. CHECK LABLING THAT IS APPLIED IN THE SUB-SYSTEM AREA.
  1. SCSI in: LEFT WHITE CONNECTOR. (FAN FACING TOWARD YOU).
  2. SCSI out: RIGHT WHITE CONNECTOR.
  3. DC GND: UNDER THE BRASS NUT.
6. VERIFY THE VOLTAGE OF 120 VOLTS (P/N 200-145-01 D) THE POWER SUPPLY MUST BE HOOKED-UP:
  - A. PIN 4 TO PIN 2 WHICH ARE THEN TERMINATED TO PINS 1 & 2 OF P1.
  - B. PIN 3 TO PIN 1 WHICH ARE THEN TERMINATED TO PIN 3 OF P1.
  - C. PIN 5 STANDS ALONE.
7. PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.
8. ENSURE A STIFFENER PLATE IS INSTALLED. THE LIP MUST BE TOWARDS THE FRONT PANEL AND ALL HOLES FILLED WITH SCREW & LOCKWASHERS.
9. THIS UNIT HAS (2) CABLES P/N 300-172-01 ONE END IS ATTACHED *to 300-189-01 and* THE OTHER END HANGS LOOSE. THIS DESCRIPTION IS PER CABLE.

LOOSE PARTS TO SHIP:

1. 120 VOLT STANDARD POWER CORD P/N 020-025-00.
2. 1 SET OF BRACKETS: NOTE ONE RIGHT & ONE LEFT WITH KEPS NUTS & SCREWS. SCREW ARE LOCATED SECOND SLOT FROM THE RIGHT ANGLE BEND PLUS PHILLIPS, LOCK WASHER & NUT. ALSO THERE IS A STUD WITH BLACK WASHER ON BOTH SIDES OF THE BRACKETS. THE BRACKETS ARE PIECES FROM P/N 121-002-00.
3. INSTALLATION KIT P/N: 200-114-00 C.

SKZ-11 850-015-01 A OPTION

SKZ-11 SHIPS WITH AN SCZ-2 BOARD, SEE SCZ-2 COVERCHECK FOR INSPECTION.

LABEL REQUIREMENTS:  
ZETACO: DISK MODULE  
MODEL NO: 850-015-01 C  
VOLTS: 120 VAC  
Hz: 50/60  
AMPS: 4  
FUSE SIZE: 6.25 AMPS

*★ Remove  
Sips in  
drive  
Drive must be  
taken apart to do this*

*Tape*  
*LED*  
096-012-00 B  
7774624  
94161-086  
200-146-03B

VISUAL:

1. SKZ-11=1 86 MEGABYTE MDD P/N 200-146-03 ^B AND 1 120 VOLT POWER SUPPLY P/N 200-145-01D. *Installed on right side front panel towards you*
2. CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
3. REMOVE TRAVELLER & PUT SILVER LABEL (P/N 099-019-00) BETWEEN FAN GRILL & BLACK CONNECTOR.
4. FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO LOGO, IT ALSO STATES SCSI SUB-SYSTEM. THERE ARE 2 SQUARE LED'S, BOTH LED'S HAVE 2 WIRES ATTACHED TO THE LED, AND EACH SET OF WIRES ARE ATTACHED TO A FEMALE CONNECTOR. ONE CONNECTOR HANGS LOOSE INSIDE THE DISK MODULE AND THE OTHER ONE IS ATTACHED TO THE 86 MB MDD.
5. CHECK LABLING THAT IS APPLIED IN THE SUB-SYSTEM AREA.
  1. SCSI in: ^{above} LEFT OF THE WHITE CONNECTOR.
  2. SCSI out: ^{Above} RIGHT OF THE BLACK CONNECTOR.
  3. DC GND: UNDER THE BRASS NUT.*} must have terminator  
label 500-457-01*
6. VERIFY THE VOLTAGE OF 120 VOLTS (P/N 200-145-01 D) THE POWER SUPPLY MUST BE HOOKED-UP:
  - A. PIN 4 TO PIN 2 WHICH ARE THEN TERMINATED TO PINS 1 & 2 OF P1.
  - B. PIN 3 TO PIN 1 WHICH ARE THEN TERMINATED TO PIN 3 OF P1.
  - C. PIN 5 STANDS ALONE.
7. PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.
8. ENSURE A STIFFENER PLATE IS INSTALLED. THE LIP MUST BE TOWARDS THE FRONT PANEL AND ALL HOLES FILLED WITH SCREW & LOCKWASHERS.

LOOSE PARTS TO SHIP:

1. 120 VOLT STANDARD POWER CORD P/N 020-025-00.
2. 1 SET OF BRACKETS: NOTE ONE RIGHT & ONE LEFT WITH KEPS NUTS & SCREWS. SCREW ARE LOCATED SECOND SLOT FROM THE RIGHT ANGLE BEND PLUS PHILLIPS, LOCK WASHER & NUT. ALSO THERE IS A STUD WITH BLACK WASHER ON BOTH SIDES OF THE BRACKETS. THE BRACKETS ARE PIECES FROM P/N 121-002-00.
3. INSTALLATION KIT P/N: 200-114-00 C.
4. ~~NON-BULKHEAD KIT P/N: 200-155-01 B.~~

*Dms envelope*



TITLE: MDD 86 MB SINGLE.

1-7-89

SKZ-11 850-015-02 A OPTION

SKZ-11 SHIPS WITH AN SCZ-2 BOARD, SEE SCZ-2 COVERCHECK FOR INSPECTION.

LABEL REQUIREMENTS:

ZETACO: DISK MODULE  
MODEL NO: 850-015-02 C  
VOLTS: 220 VAC  
Hz: 50/60  
AMPS: 2  
FUSE SIZE: 3 AMPS

*Tape  
LED'S*

VISUAL:

1. SKZ-11=1 86 MEGABYTE MDD P/N 200-146-03^B AND 1 220 VOLT POWER SUPPLY P/N 200-145-02. *INSTALLED on Right Side TT. panel TOWARDS 924*
2. CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
3. REMOVE TRAVELLER & PUT SILVER LABEL (P/N 099-019-00) BETWEEN FAN GRILL & BLACK CONNECTOR.
4. FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO LOGO, IT ALSO STATES SCSI SUB-SYSTEM. THERE ARE 2 SQUARE LED'S, BOTH LED'S HAVE 2 WIRES ATTACHED TO THE LED, AND EACH SET OF WIRES ARE ATTACHED TO A FEMALE CONNECTOR. ONE CONNECTOR HANGS LOOSE INSIDE THE DISK MODULE AND THE OTHER ONE IS ATTACHED TO THE 86 MB MDD.
5. CHECK LABLING THAT IS APPLIED IN THE SUB-SYSTEM AREA.
  1. SCSI in: ~~LEFT~~^{TOP} OF THE WHITE CONNECTOR.
  2. SCSI out: ~~RIGHT~~^{TOP} OF THE BLACK CONNECTOR. *must have terminator*
  3. DC GND: UNDER THE BRASS NUT. *Saddle Brand 500-451-01*
6. VERIFY THE VOLTAGE OF 220 VOLTS (P/N 200-145-02^C) THE POWER SUPPLY MUST BE HOOKED-UP:
  - A. PIN 2 TO PIN 3 WHICH ARE THEN TERMINATED TO PIN 2 OF P1.
  - B. PIN 1 TO PIN 3 OF P1.
  - C. PIN 5 TO PIN 1 OF P1.
  - D. PIN 4 STANDS ALONE.
8. ENSURE A STIFFENER PLATE IS INSTALLED. THE LIP MUST BE TOWARDS THE FRONT PANEL AND ALL HOLES FILLED WITH SCREW & LOCKWASHERS.
7. PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.

LOOSE PARTS TO SHIP:

1. 240 VOLT NON-STANDARD POWER CORD P/N 020-033-00.
2. 1 SET OF BRACKETS: NOTE ONE RIGHT & ONE LEFT WITH KEPS NUTS & SCREWS. SCREW ARE LOCATED SECOND SLOT FROM THE RIGHT ANGLE BEND PLUS PHILLIPS, LOCK WASHER & NUT. ALSO THERE IS A STUD WITH BLACK WASHER ON BOTH SIDES OF THE BRACKETS. THE BRACKETS ARE PIECES FROM P/N 121-002-00.
3. INSTALLATION KIT P/N: 200-114-00 C.
4. NON-BULKHEAD KIT P/N: 200-155-01 B.

TITLE: MDD 86 MB SINGLE.

1-7-89

SKZ-11 850-015-03 A OPTION

SKZ-11 SHIPS WITH AN SCZ-2 BOARD, SEE SCZ-2 COVERCHECK FOR INSPECTION.

LABEL REQUIREMENTS:

ZETACO: DISK MODULE  
MODEL NO: 850-015-03 C  
VOLTS: 230/240 VAC  
Hz: 50/60  
AMPS: 2  
FUSE SIZE: 3 AMPS

*Tape*  
*LED'S*

VISUAL:

1. SKZ-11=1 86 MEGABYTE MDD PN 200-146-03^B AND 1 220/240 VOLT POWER SUPPLY P/N 200-145-03. *FASTALLED ON Right Side front panel towards you*
2. CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
3. REMOVE TRAVELLER & PUT SILVER LABEL (P/N 099-019-00) BETWEEN FAN GRILL & BLACK CONNECTOR.
4. FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO LOGO, IT ALSO STATES SCSI SUB-SYSTEM. THERE ARE 2 SQUARE LED'S, BOTH LED'S HAVE 2 WIRES ATTACHED TO THE LED, AND EACH SET OF WIRES ARE ATTACHED TO A FEMALE CONNECTOR. ONE CONNECTOR HANGS LOOSE INSIDE THE DISK MODULE AND THE OTHER ONE IS ATTACHED TO THE 86 MB MDD.
5. CHECK LABLING THAT IS APPLIED IN THE SUB-SYSTEM AREA.
  1. SCSI in: LEFT OF THE WHITE CONNECTOR.
  2. SCSI out: RIGHT OF THE BLACK CONNECTOR. *must have Terminator label 50-157-01*
  3. DC GND: UNDER THE BRASS NUT.
6. VERIFY THE VOLTAGE OF 220/240 VOLTS (P/N 200-145-03 D) THE POWER SUPPLY MUST BE HOOKED-UP:
  - A. PIN 2 TO PIN 3 WHICH ARE THEN TERMINATED TO PIN 2 OF P1.
  - B. PIN 1 TO PIN 3 OF P1.
  - C. PIN 4 TO PIN 1 OF P1.
  - D. PIN 5 STANDS ALONE.
8. ENSURE A STIFFENER PLATE IS INSTALLED. THE LIP MUST BE TOWARDS THE FRONT PANEL AND ALL HOLES FILLED WITH SCREW & LOCKWASHERS.
7. PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.

LOOSE PARTS TO SHIP:

1. 240 VOLT NON-STANDARD POWER CORD P/N 020-033-00.
2. 1 SET OF BRACKETS: NOTE ONE RIGHT & ONE LEFT WITH KEPS NUTS & SCREWS. SCREW ARE LOCATED SECOND SLOT FROM THE RIGHT ANGLE BEND PLUS PHILLIPS, LOCK WASHER & NUT. ALSO THERE IS A STUD WITH BLACK WASHER ON BOTH SIDES OF THE BRACKETS. THE BRACKETS ARE PIECES FROM P/N 121-002-00.
3. INSTALLATION KIT P/N: 200-114-00 C.
4. NON-BULKHEAD KIT P/N: 200-155-01 B.

TITLE: MDD 155 MB SINGLE.

1-7-89

SKZ-13 850-017-01 A OPTION

SKZ-13 SHIPS WITH AN SCZ-2 BOARD, SEE SCZ-2 COVERCHECK FOR INSPECTION.

LABEL REQUIREMENTS:

ZETACO: DISK MODULE  
MODEL NO: 850-017-01 B  
VOLTS: 120 VAC  
Hz: 50/60  
AMPS: 4  
FUSE SIZE: 6.25 AMPS

*Tape  
LED'S*

VISUAL:

1. SKZ-13=1 155 MEGABYTE MDD P/N 200-146-02^D AND 1 120 VOLT POWER SUPPLY P/N 200-145-01. *Right Side*
2. CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
3. REMOVE TRAVELLER & PUT SILVER LABEL (P/N 099-019-00) BETWEEN FAN GRILL & BLACK CONNECTOR.
4. FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO LOGO, IT ALSO STATES SCSI SUB-SYSTEM. THERE ARE 2 SQUARE LED'S, BOTH LED'S HAVE 2 WIRES ATTACHED TO THE LED, AND EACH SET OF WIRES ARE ATTACHED TO A FEMALE CONNECTOR. ONE CONNECTOR HANGS LOOSE INSIDE THE DISK MODULE AND THE OTHER ONE IS ATTACHED TO THE 155 MB MDD.
5. CHECK LABLING ~~THAT~~ IS APPLIED IN THE SUB-SYSTEM AREA.
  1. SCSI in: LEFT OF THE WHITE CONNECTOR.
  2. SCSI out: RIGHT OF THE BLACK CONNECTOR. *500-451-01  
Phillips screw*
  3. DC GND: UNDER THE BRASS NUT.
6. VERIFY THE VOLTAGE OF 120 VOLTS (P/N 200-145-01 D) THE POWER SUPPLY MUST BE HOOKED-UP:
  - A. PIN 4 TO PIN 2 WHICH ARE THEN TERMINATED TO PINS 1 & 2 OF P1.
  - B. PIN 3 TO PIN 1 WHICH ARE THEN TERMINATED TO PIN 3 OF P1.
  - C. PIN 5 STANDS ALONE.
7. PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.
8. ENSURE A STIFFENER PLATE IS INSTALLED. THE LIP MUST BE TOWARDS THE FRONT PANEL AND ALL HOLES FILLED WITH SCREW & LOCKWASHERS.

LOOSE PARTS TO SHIP:

1. 120 VOLT STANDARD POWER CORD P/N 020-025-00.
2. 1 SET OF BRACKETS: NOTE ONE RIGHT & ONE LEFT WITH KEPS NUTS & SCREWS. SCREW ARE LOCATED SECOND SLOT FROM THE RIGHT ANGLE BEND PLUS PHILLIPS, LOCK WASHER & NUT. ALSO THERE IS A STUD WITH BLACK WASHER ON BOTH SIDES OF THE BRACKETS. THE BRACKETS ARE PIECES FROM P/N 121-002-00.
3. INSTALLATION KIT P/N: 200-114-00 C.
4. NON-BULKHEAD KIT P/N: 200-155-01 B.

TITLE: MDD 155 MB SINGLE.

1-7-89

SKZ-13 850-017-02 A OPTION

SKZ-13 SHIPS WITH AN SCZ-2 BOARD, SEE SCZ-2 COVERCHECK FOR INSPECTION.

LABEL REQUIREMENTS:

ZETACO: DISK MODULE  
MODEL NO: 850-017-02 B  
VOLTS: 220 VAC  
Hz: 50/60  
AMPS: 2  
FUSE SIZE: 3 AMPS

*TOP  
LED'S*

VISUAL:

1. SKZ-13=1 155 MEGABYTE MDD P/N 200-146-02 AND 1 220 VOLT POWER SUPPLY P/N 200-145-02. *Left side*
2. CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
3. REMOVE TRAVELLER & PUT SILVER LABEL (P/N 099-019-00) BETWEEN FAN GRILL & BLACK CONNECTOR.
4. FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO LOGO, IT ALSO STATES SCSI SUB-SYSTEM. THERE ARE 2 SQUARE LED'S, BOTH LED'S HAVE 2 WIRES ATTACHED TO THE LED, AND EACH SET OF WIRES ARE ATTACHED TO A FEMALE CONNECTOR. ONE CONNECTOR HANGS LOOSE INSIDE THE DISK MODULE AND THE OTHER ONE IS ATTACHED TO THE 155 MB MDD.
5. CHECK LABLING THAT IS APPLIED IN THE SUB-SYSTEM AREA.
  1. SCSI in: LEFT OF THE WHITE CONNECTOR. *SCSI in*
  2. SCSI out: RIGHT OF THE BLACK CONNECTOR. *SCSI out*
  3. DC GND: UNDER THE BRASS NUT.
6. VERIFY THE VOLTAGE OF 220 VOLTS (P/N 200-145-02 C) THE POWER SUPPLY MUST BE HOOKED-UP:
  - A. PIN 2 TO PIN 3 WHICH ARE THEN TERMINATED TO PIN 2 OF P1.
  - B. PIN 1 TO PIN 3 OF P1.
  - C. PIN 5 TO PIN 1 OF P1.
  - D. PIN 4 STANDS ALONE.
7. PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.
8. ENSURE A STIFFENER PLATE IS INSTALLED. THE LIP MUST BE TOWARDS THE FRONT PANEL AND ALL HOLES FILLED WITH SCREW & LOCKWASHERS.

LOOSE PARTS TO SHIP:

1. 240 VOLT NON-STANDARD POWER CORD P/N 020-033-00.
2. 1 SET OF BRACKETS; NOTE ONE RIGHT & ONE LEFT WITH KEPS NUTS & SCREWS. SCREW ARE LOCATED SECOND SLOT FROM THE RIGHT ANGLE BEND PLUS PHILLIPS, LOCK WASHER & NUT. ALSO THERE IS A STUD WITH BLACK WASHER ON BOTH SIDES OF THE BRACKETS. THE BRACKETS ARE PIECES FROM P/N 121-002-00.
3. INSTALLATION KIT P/N: 200-114-00 C.
4. NON-BULKHEAD KIT P/N: 200-155-01 B.

SKZ-13 850-017-03 A OPTION

SKZ-13 SHIPS WITH AN SCZ-2 BOARD, SEE SCZ-2 COVERCHECK FOR INSPECTION.

LABEL REQUIREMENTS:

ZETACO: DISK MODULE  
MODEL NO: 850-017-03 B  
VOLTS: 230/240 VAC  
Hz: 50/60  
AMPS: 2  
FUSE SIZE: 3 AMPS

*Tape  
LED'S*

VISUAL:

1. SKZ-13=1 155 MEGABYTE MDD P/N 200-146-02 ^{096-011-02 B D} AND 1 220/240 VOLT POWER SUPPLY P/N 200-145-03. *Right Side.*
2. CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
3. REMOVE TRAVELLER & PUT SILVER LABEL (P/N 099-019-00) BETWEEN FAN GRILL & BLACK CONNECTOR.
4. FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO LOGO, IT ALSO STATES SCSI SUB-SYSTEM. THERE ARE 2 SQUARE LED'S, BOTH LED'S HAVE 2 WIRES ATTACHED TO THE LED, AND EACH SET OF WIRES ARE ATTACHED TO A FEMALE CONNECTOR. ONE CONNECTOR HANGS LOOSE INSIDE THE DISK MODULE AND THE OTHER ONE IS ATTACHED TO THE 155 MB MDD.
5. CHECK LABLING THAT IS APPLIED IN THE SUB-SYSTEM AREA.
  1. SCSI in: LEFT OF THE WHITE CONNECTOR.
  2. SCSI out: RIGHT OF THE BLACK CONNECTOR. *Label 500-457-01*
  3. DC GND: UNDER THE BRASS NUT.
6. VERIFY THE VOLTAGE OF 220/240 VOLTS (P/N 200-145-03 D) THE POWER SUPPLY MUST BE HOOKED-UP:
  - A. PIN 2 TO PIN 3 WHICH ARE THEN TERMINATED TO PIN 2 OF P1.
  - B. PIN 1 TO PIN 3 OF P1.
  - C. PIN 4 TO PIN 1 OF P1.
  - D. PIN 5 STANDS ALONE.
7. PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.
8. ENSURE A STIFFENER PLATE IS INSTALLED. THE LIP MUST BE TOWARDS THE FRONT PANEL AND ALL HOLES FILLED WITH SCREW & LOCKWASHERS.

LOOSE PARTS TO SHIP:

1. 240 VOLT NON-STANDARD POWER CORD P/N 020-033-00.
2. 1 SET OF BRACKETS: NOTE ONE RIGHT & ONE LEFT WITH KEPS NUTS & SCREWS. SCREW ARE LOCATED SECOND SLOT FROM THE RIGHT ANGLE BEND PLUS PHILLIPS, LOCK WASHER & NUT. ALSO THERE IS A STUD WITH BLACK WASHER ON BOTH SIDES OF THE BRACKETS. THE BRACKETS ARE PIECES FROM P/N 121-002-00.
3. INSTALLATION KIT P/N: 200-114-00 C.
4. ~~NON-BULKHEAD KIT P/N: 200-155-01 B.~~

TITLE: MDD 86 MB DOUBLE.

1-7-89

SKZ-21 850-016-01 A OPTION

SKZ-21 SHIPS WITH AN SCZ-2 BOARD, SEE SCZ-2 COVERCHECK FOR INSPECTION.

LABEL REQUIREMENTS:

ZETACO: DISK MODULE  
MODEL NO: 850-016-01 C  
VOLTS: 120 VAC  
Hz: 50/60  
AMPS: 4  
FUSE SIZE: 6.25 AMPS

*Tape  
LEDS*

VISUAL:

1. SKZ-21=2 86 MEGABYTE MOD'S P/N 200-146-03 ^B AND 2 120 VOLT POWER SUPPLIES P/N 200-145-01.
2. CHECK FOR CLEANLINESS: DUST, FINGERPRINTS ETC.
3. REMOVE TRAVELLER & PUT SILVER LABEL (P/N 099-019-00) BETWEEN FAN GRILL & BLACK CONNECTOR.
4. FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO LOGO, IT ALSO STATES SCSI SUB-SYSTEM. THERE ARE 2 SQUARE LED'S, BOTH ARE INSTALLED INTO THE WHITE FEMALE CONNECTOR (WITHOUT WINGS) AND EACH IS CONNECTED TO ONE OF THE WRENS. BLACK IS PIN ONE, PLUGS IN 1 TO 1.
5. CHECK LABLING ~~THAT IS APPLIED~~ IN THE SUB-SYSTEM AREA.
  1. SCSI in: LEFT OF THE WHITE CONNECTOR.
  2. SCSI out: RIGHT OF THE BLACK CONNECTOR.
  3. DC GND: UNDER THE BRASS NUT.
6. VERIFY THE VOLTAGE OF 120 VOLTS (P/N 200-145-01 D) THE POWER SUPPLY MUST BE HOOKED-UP:
  - A. PIN 4 TO PIN 2 WHICH ARE THEN TERMINATED TO PINS 1 & 2 OF P1.
  - B. PIN 3 TO PIN 1 WHICH ARE THEN TERMINATED TO PIN 3 OF P1.
  - C. PIN 5 STANDS ALONE.
7. PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.
8. ENSURE A STIFFENER PLATE IS INSTALLED. THE LIP MUST BE TOWARD THE FRONT PANEL.

LOOSE PARTS TO SHIP:

1. 120 VOLT STANDARD POWER CORD P/N 020-025-00.
2. 1 SET OF BRACKETS: NOTE ONE RIGHT & ONE LEFT WITH KEPS NUTS & SCREWS. SCREW ARE LOCATED SECOND SLOT FROM THE RIGHT ANGLE BEND PLUS PHILLIPS, LOCK WASHER & NUT. ALSO THERE IS A STUD WITH BLACK WASHER ON BOTH SIDES OF THE BRACKETS. THE BRACKETS ARE PIECES FROM P/N 121-002-00.
3. INSTALLATION KIT P/N: 200-114-00 C.
4. NON-BULKHEAD KIT P/N: 200-155-01 B.

TITLE: MDD 86 MB DOUBLE.

1-7-89

SKZ-21 850-016-02 A OPTION

SKZ-21 SHIPS WITH AN SCZ-2 BOARD, SEE SCZ-2 COVERCHECK FOR INSPECTION.

LABEL REQUIREMENTS:  
ZETACO: DISK MODULE  
MODEL NO: 850-016-02 C  
VOLTS: 220 VAC  
Hz: 50/60  
AMPS: 2  
FUSE SIZE: 3 AMPS

*Tape  
LED'S*

VISUAL:

1. SKZ-21=2 86 MEGABYTE MDD'S P/N 200-146-03^B AND 2 220 VOLT POWER SUPPLIES P/N 200-145-02.
2. CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
3. REMOVE TRAVELLER & PUT SILVER LABEL (P/N 099-019-00) BETWEEN FAN GRILL & BLACK CONNECTOR.
4. FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO LOGO, IT ALSO STATES SCSI SUB-SYSTEM. THERE ARE 2 SQUARE LED'S, BOTH ARE INSTALLED INTO THE WHITE FEMALE CONNECTOR (WITHOUT WINGS) AND EACH IS CONNECTED TO ONE OF THE WRENS. BLACK IS PIN ONE, PLUGS IN 1 TO 1.
5. CHECK LABELING THAT IS APPLIED IN THE SUB-SYSTEM AREA.
  1. SCSI in: LEFT OF THE WHITE CONNECTOR.
  2. SCSI out: RIGHT OF THE BLACK CONNECTOR.
  3. DC GND: UNDER THE BRASS NUT.
6. VERIFY THE VOLTAGE OF 220 VOLTS (P/N 200-145-02 C) THE POWER SUPPLY MUST BE HOOKED-UP:
  - A. PIN 2 TO PIN 3 WHICH ARE THEN TERMINATED TO PIN 2 OF P1.
  - B. PIN 1 TO PIN 3 OF P1.
  - C. PIN 5 TO PIN 1 OF P1.
  - D. PIN 4 STANDS ALONE.
7. PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.
8. ENSURE A STIFFENER PLATE IS INSTALLED. THE LIP MUST BE TOWARD THE FRONT PANEL.

LOOSE PARTS TO SHIP:

1. 240 VOLT NON-STANDARD POWER CORD P/N 020-033-00.
2. 1 SET OF BRACKETS: NOTE ONE RIGHT & ONE LEFT WITH KEPS NUTS & SCREWS. SCREW ARE LOCATED SECOND SLOT FROM THE RIGHT ANGLE BEND PLUS PHILLIPS, LOCK WASHER & NUT. ALSO THERE IS A STUD WITH BLACK WASHER ON BOTH SIDES OF THE BRACKETS. THE BRACKETS ARE PIECES FROM P/N 121-002-00.
3. INSTALLATION KIT P/N: 200-114-00 C.
4. NON-BULKHEAD KIT P/N: 200-155-01 B.

TITLE: MDD 86 MB DOUBLE.

12-30-87

SKZ-21 850-016-03 A OPTION

SKZ-21 SHIPS WITH AN SCZ-2 BOARD, SEE SCZ-2 COVERCHECK FOR INSPECTION.

LABEL REQUIREMENTS:

ZETACO: DISK MODULE  
MODEL NO: 850-016-03 C  
VOLTS: 230/240 VAC  
Hz: 50/60  
AMPS: 2  
FUSE SIZE: 3 AMPS

*Tape  
LED'S*

VISUAL:

1. SKZ-21=2 86 MEGABYTE MDD'S P/N 200-146-03^B AND 2 220/240 VOLT POWER SUPPLIES P/N 200-145-03.
2. CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
3. REMOVE TRAVELLER & PUT SILVER LABEL (P/N 099-019-00) BETWEEN FAN GRILL & BLACK CONNECTOR.
4. FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO LOGO, IT ALSO STATES SCSI SUB-SYSTEM. THERE ARE 2 SQUARE LED'S, BOTH ARE INSTALLED INTO THE WHITE FEMALE CONNECTOR (WITHOUT WINGS) AND EACH IS CONNECTED TO ONE OF THE WRENS. BLACK IS PIN ONE, PLUGS IN 1 TO 1.
5. CHECK LABLING THAT IS APPLIED IN THE SUB-SYSTEM AREA.
  1. SCSI in: LEFT OF THE WHITE CONNECTOR.
  2. SCSI out: RIGHT OF THE BLACK CONNECTOR.
  3. DC GND: UNDER THE BRASS NUT.
6. VERIFY THE VOLTAGE OF 220/240 VOLTS (P/N 200-145-03 C) THE POWER SUPPLY MUST BE HOOKED-UP:
  - A. PIN 2 TO PIN 3 WHICH ARE THEN TERMINATED TO PIN 2 OF P1.
  - B. PIN 1 TO PIN 3 OF P1.
  - C. PIN 4 TO PIN 1 OF P1.
  - D. PIN 5 STANDS ALONE.
7. PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.
8. ENSURE A STIFFENER PLATE IS INSTALLED. THE LIP MUST BE TOWARD THE FRONT PANEL.

LOOSE PARTS TO SHIP:

1. 240 VOLT NON-STANDARD POWER CORD P/N 020-033-00.
2. 1 SET OF BRACKETS: NOTE ONE RIGHT & ONE LEFT WITH KEPS NUTS & SCREWS. SCREW ARE LOCATED SECOND SLOT FROM THE RIGHT ANGLE BEND PLUS PHILLIPS, LOCK WASHER & NUT. ALSO THERE IS A STUD WITH BLACK WASHER ON BOTH SIDES OF THE BRACKETS. THE BRACKETS ARE PIECES FROM P/N 121-002-00.
3. INSTALLATION KIT P/N: 200-114-00 C.
4. NON-BULKHEAD KIT P/N: 200-155-01 B.



TITLE: MDD 155 MB DOUBLE.

1-7-89

SKZ-23 850-018-01 A OPTION

SKZ-23 SHIPS WITH AN SCZ-2 BOARD, SEE SCZ-2 COVERCHECK FOR INSPECTION.

LABEL REQUIREMENTS:

ZETACO: DISK MODULE  
MODEL NO: 850-018-01 B  
VOLTS: 120 VAC  
Hz: 50/60  
AMPS: 4  
FUSE SIZE: 6.25 AMPS

*Tape  
LED's*

VISUAL:

1. SKZ-23=2 155 MEGABYTE MDD'S P/N 200-146-02 AND 2 120 VOLT POWER SUPPLIES P/N 200-145-01.
2. CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
3. REMOVE TRAVELLER & PUT SILVER LABEL (P/N 099-019-00) BETWEEN FAN GRILL & BLACK CONNECTOR.
4. FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO LOGO, IT ALSO STATES SCSI SUB-SYSTEM. THERE ARE 2 SQUARE LED'S, BOTH LED'S HAVE 2 WIRES ATTACHED TO THE LED, AND EACH SET OF WIRES ARE ATTACHED TO A FEMALE CONNECTOR AND EACH IS CONNECTED TO ONE OF THE 155 MB MDD'S. BLACK IS PIN ONE, PLUGS IN 1 TO 1.
5. CHECK LABLING ~~THAT IS APPLIED IN THE SUB-SYSTEM AREA.~~
  1. SCSI in: LEFT OF THE WHITE CONNECTOR.
  2. SCSI out: RIGHT OF THE BLACK CONNECTOR.
  3. DC GND: UNDER THE BRASS NUT.
6. VERIFY THE VOLTAGE OF 120 VOLTS (P/N 200-145-01 D) THE POWER SUPPLY MUST BE HOOKED-UP:
  - A. PIN 4 TO PIN 2 WHICH ARE THEN TERMINATED TO PINS 1 & 2 OF P1.
  - B. PIN 3 TO PIN 1 WHICH ARE THEN TERMINATED TO PIN 3 OF P1.
  - C. PIN 5 STANDS ALONE.
7. PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.
8. ENSURE A STIFFENER PLATE IS INSTALLED. THE LIP MUST BE TOWARD THE FRONT PANEL.

LOOSE PARTS TO SHIP:

1. 120 VOLT STANDARD POWER CORD P/N 020-025-00.
2. 1 SET OF BRACKETS: NOTE ONE RIGHT & ONE LEFT WITH KEPS NUTS & SCREWS. SCREW ARE LOCATED SECOND SLOT FROM THE RIGHT ANGLE BEND PLUS PHILLIPS, LOCK WASHER & NUT. ALSO THERE IS A STUD WITH BLACK WASHER ON BOTH SIDES OF THE BRACKETS. THE BRACKETS ARE PIECES FROM P/N 121-002-00.
3. INSTALLATION KIT P/N: 200-114-00 C.
4. NON-BULKHEAD KIT P/N: 200-155-01 B.

SKZ-23 850-018-02 A OPTION

SKZ-23 SHIPS WITH AN SCZ-2 BOARD, SEE SCZ-2 COVERCHECK FOR INSPECTION.

LABEL REQUIREMENTS:

ZETACO: DISK MODULE  
MODEL NO: 850-018-02 B  
VOLTS: 220 VAC  
Hz: 50/60  
AMPS: 2  
FUSE SIZE: 3 AMPS

*tape LED'S*

VISUAL:

1. SKZ-23=2 155 MEGABYTE MDD'S PN 200-146-02 AND 2 220 VOLT POWER SUPPLIES P/N 200-145-02.
2. CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
3. REMOVE TRAVELLER & PUT SILVER LABEL (P/N 099-019-00) BETWEEN FAN GRILL & BLACK CONNECTOR.
4. FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO LOGO, IT ALSO STATES SCSI SUB-SYSTEM. THERE ARE 2 SQUARE LED'S, BOTH LED'S HAVE 2 WIRES ATTACHED TO THE LED, AND EACH SET OF WIRES ARE ATTACHED TO A FEMALE CONNECTOR AND EACH IS CONNECTED TO ONE OF THE 155 MB MDD'S. BLACK IS PIN ONE, PLUGS IN 1 TO 1.
5. CHECK LABLING THAT IS APPLIED IN THE SUB-SYSTEM AREA.
  1. SCSI in: LEFT OF THE WHITE CONNECTOR.
  2. SCSI out: RIGHT OF THE BLACK CONNECTOR.
  3. DC GND: UNDER THE BRASS NUT.
6. VERIFY THE VOLTAGE OF 220 VOLTS (P/N 200-145-02 C) THE POWER SUPPLY MUST BE HOOKED-UP:
  - A. PIN 2 TO PIN 3 WHICH ARE THEN TERMINATED TO PIN 2 OF P1.
  - B. PIN 1 TO PIN 3 OF P1.
  - C. PIN 5 TO PIN 1 OF P1.
  - D. PIN 4 STANDS ALONE.
7. PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.
8. ENSURE A STIFFENER PLATE IS INSTALLED. THE LIP MUST BE TOWARD THE FRONT PANEL.

LOOSE PARTS TO SHIP:

1. 240 VOLT NON-STANDARD POWER CORD P/N 020-033-00.
2. 1 SET OF BRACKETS: NOTE ONE RIGHT & ONE LEFT WITH KEPS NUTS & SCREWS. SCREW ARE LOCATED SECOND SLOT FROM THE RIGHT ANGLE BEND PLUS PHILLIPS, LOCK WASHER & NUT. ALSO THERE IS A STUD WITH BLACK WASHER ON BOTH SIDES OF THE BRACKETS. THE BRACKETS ARE PIECES FROM P/N 121-002-00.
3. INSTALLATION KIT P/N: 200-114-00 C.
4. NON-BULKHEAD KIT P/N: 200-155-01 B.

TITLE: MDD 155 MB DOUBLE.

1-7-89

SKZ-23 850-018-03 A OPTION

SKZ-23 SHIPS WITH AN SCZ-2 BOARD, SEE SCZ-2 COVERCHECK FOR INSPECTION.

LABEL REQUIREMENTS:

ZETACO: DISK MODULE  
MODEL NO: 850-018-03 B  
VOLTS: 230/240 VAC  
Hz: 50/60  
AMPS: 2  
FUSE SIZE: 3 AMPS

*Tape  
LED'S*

VISUAL:

1. SKZ-23=2 155 MEGABYTE MDD'S P/N 200-146-02 AND 2 220/240 VOLT POWER SUPPLY P/N 200-145-03.
2. CHECK FOR CLEANLINESS; DUST, FINGERPRINTS ETC.
3. REMOVE TRAVELLER & PUT SILVER LABEL (P/N 099-019-00) BETWEEN FAN GRILL & BLACK CONNECTOR.
4. FRONT PANEL: IS COLONIAL WHITE WITH BROWN LETTERING WITH ZETACO LOGO, IT ALSO STATES SCSI SUB-SYSTEM. THERE ARE 2 SQUARE LED'S, BOTH LED'S HAVE 2 WIRES ATTACHED TO THE LED, AND EACH SET OF WIRES ARE ATTACHED TO A FEMALE CONNECTOR AND EACH IS CONNECTED TO ONE OF THE 155 MB MDD'S. BLACK IS PIN ONE, PLUGS IN 1 TO 1.
5. CHECK LABLING THAT IS APPLIED IN THE SUB-SYSTEM AREA.
  1. SCSI in: LEFT OF THE WHITE CONNECTOR.
  2. SCSI out: RIGHT OF THE BLACK CONNECTOR.
  3. DC GND: UNDER THE BRASS NUT.
6. VERIFY THE VOLTAGE OF 220/240 VOLTS (P/N 200-145-03 C) THE POWER SUPPLY MUST BE HOOKED-UP:
  - A. PIN 2 TO PIN 3 WHICH ARE THEN TERMINATED TO PIN 2 OF P1.
  - B. PIN 1 TO PIN 3 OF P1.
  - C. PIN 4 TO PIN 1 OF P1.
  - D. PIN 5 STANDS ALONE.
7. PULL THE FUSE AND CHECK FOR THE CORRECT AMPERAGE.
8. ENSURE A STIFFENER PLATE IS INSTALLED. THE LIP MUST BE TOWARD THE FRONT PANEL.

LOOSE PARTS TO SHIP:

1. 240 VOLT NON-STANDARD POWER CORD P/N 020-033-00.
2. 1 SET OF BRACKETS: NOTE ONE RIGHT & ONE LEFT WITH KEPS NUTS & SCREWS. SCREW ARE LOCATED SECOND SLOT FROM THE RIGHT ANGLE BEND PLUS PHILLIPS, LOCK WASHER & NUT. ALSO THERE IS A STUD WITH BLACK WASHER ON BOTH SIDES OF THE BRACKETS. THE BRACKETS ARE PIECES FROM P/N 121-002-00.
3. INSTALLATION KIT P/N: 200-114-00 C.
4. ~~NON-BULKHEAD KIT P/N: 200-155-01 B.~~