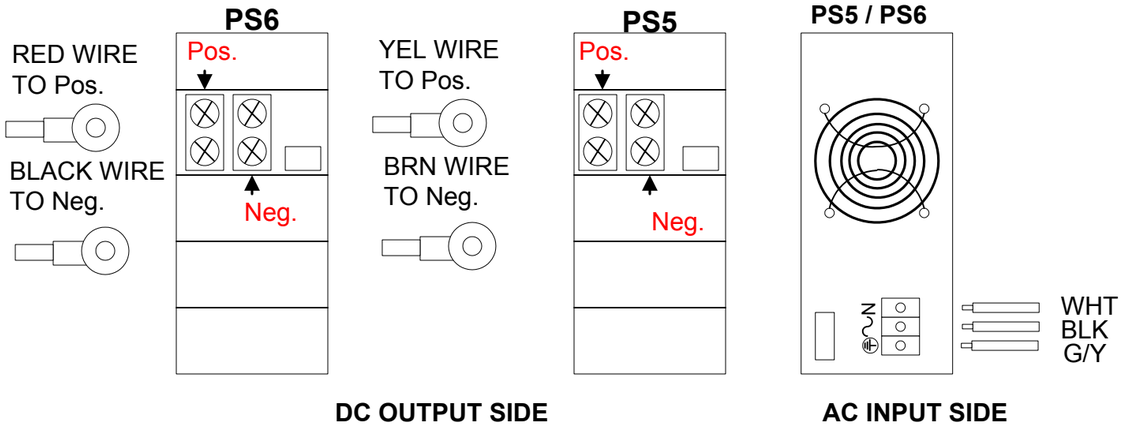
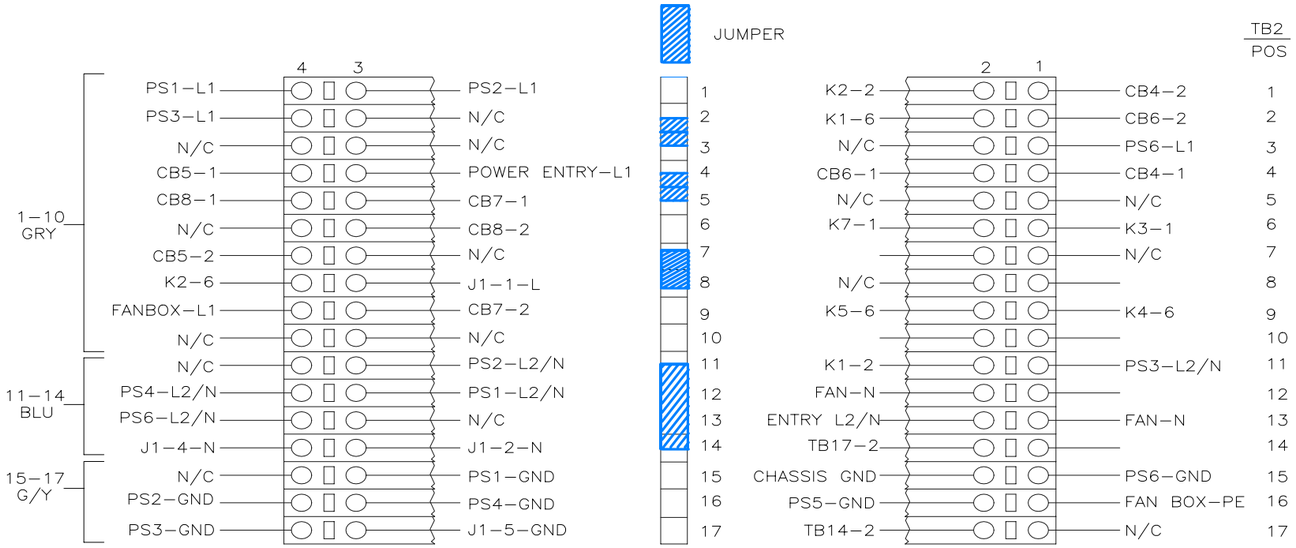
**THE RING CONNECTORS OF 10-3897CABLE HARNESS SHOULD BE CONNECTED AS THE DIAGRAM SHOWN BELOW:**
**RED WIRE CONNECTING TO THE POSITIVE & BLK WIRE TO THE NEGATIVE OF THE PS6.**
**YELLOW WIRE CONNECTING TO THE POSITIVE & BROWN WIRE TO THE NEGATIVE OF THE PS5.**




## TERMINAL - TB2 CONFIGURATION




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**POWER ENTRY BOX AC CABLES ROUTING**

**KEEP THE PS5 & PS6 AC WIRE STRAIGHT TO THE TERMINAL AND ALLOW NO EXTRA WIRE LOOP AROUND THIS AREA.**

**11-0872 POWERBOX,8 PAGE**

| ITEM# | PART # | NAME |
|---|---|---|
| 0410 | 15-3466 | DRUM SERVO AMPLIFIER |
| 1000 | 10-4760 | SERVO DRUM BRAKE |
| 1010 | 10-4761 | SERVO PWR ADAPTER |
| 1020 | 10-4797 | DRUM MTR-PWR |
| 1170 | 10-4395 | GROUND CABLE |
| | | |

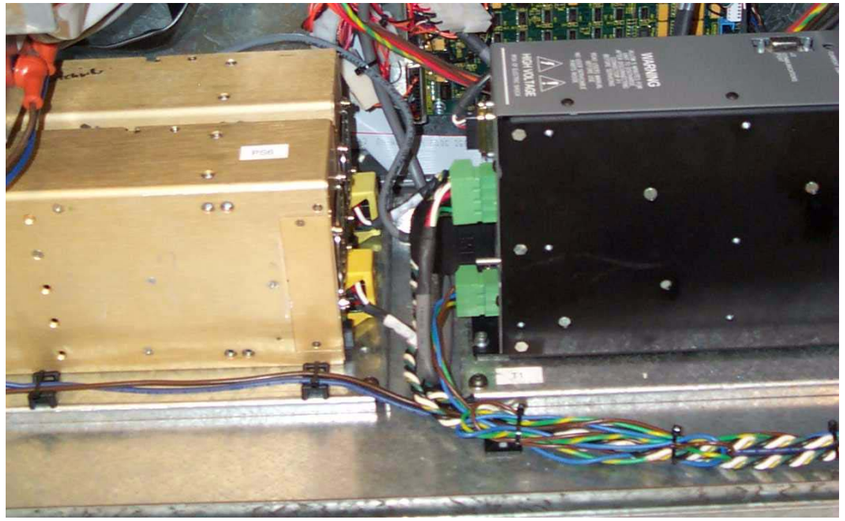
| REV | ECO | DATE | DRAWING CHANGES BY | DRAWING CHANGES BY |
|---|---|---|---|---|
| L | E243 | 2001:NOV30 | S. CHEUNG | S. CHEUNG |
| M | E492 | 2001:NOV30 | P. IDEN | P. IDEN |

ASSY,EM,POWERBOX
TS2637
ASSEMBLY DRAWING

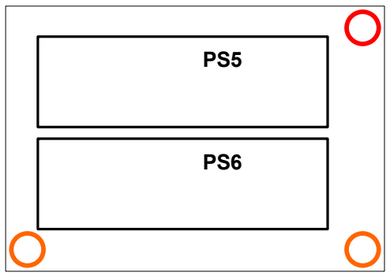
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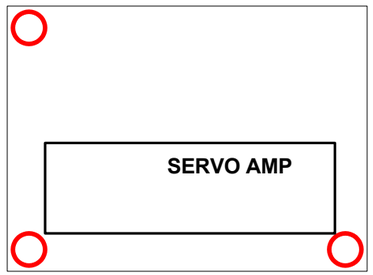
| DESIGNED BY | DRAWN BY | | | |
|---|---|---|---|---|
| SIMON CHEUNG | SIMON CHEUNG | | | |
| MILLIMETERS UNLESS SPECIFIED | DATE 2000:FEB:25 | SIZE B | SCALE NTS | |
| PART NO. | REV | DOC | SHEET | OF |
| 11 - 0872A | - M | AD | 1 | 7 |



ITEM# 0540 57-5330A

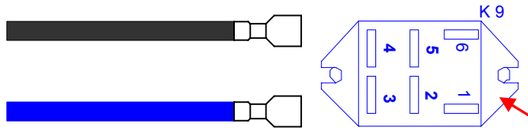



ITEM# 0540 57-5330A



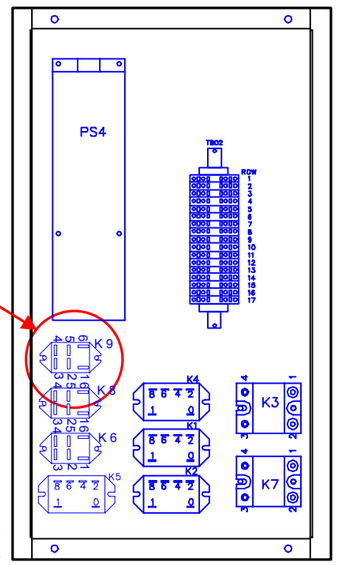

MOUNTING PATTERN FOR ITEM# 0730 52-4274 & ITEM# 0710 52-4186 ON ITEM# 0540

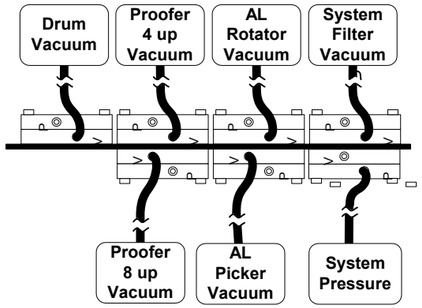
BLACK WIRE FROM 10-3897 TO K9-4

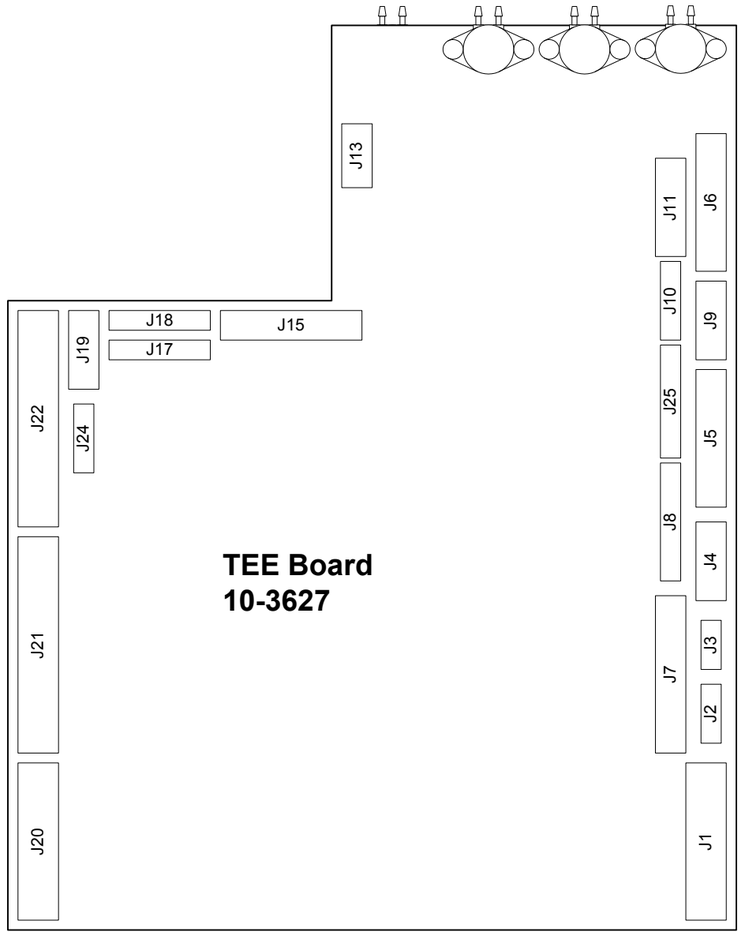



BLUE WIRE FROM 10-3897 TO K9-3

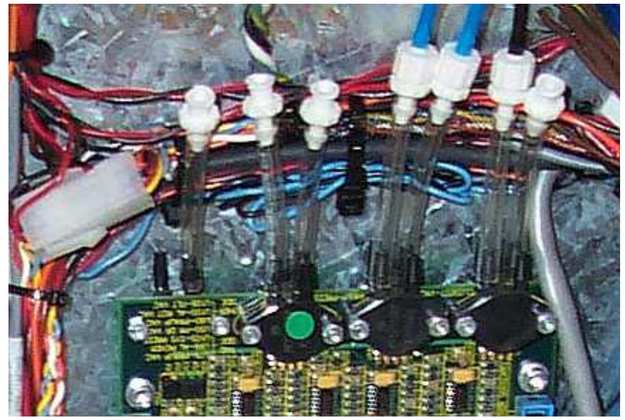
D




**TEE Board**
**10-3627**



| TEE BOARD | | |
|---|---|---|
| ITEM# | PART # | NAME |
| 1180 | 55-0658 | FEMALE NYLON ADAPTER |
| 1190 | 56-3290 | 6mm CLEAR TUBING |
| 1200 | 74-3303 | LABEL |

**NOTES:**

1. **INSERT FEMALE NYLON ADAPTER (ITEM# 1180) ONTO A 60mm LONG OF 6mm CLEAR TUBING (ITEM #1190).**
2. **LABEL EACH 60mm LONG OF 6mm CLEAR TUBING (ITEM# 1190) ACCORDING TO ITS DESTINATION:**
   **DRUM VACUUM**
   **PROOFER 8 UP VACUUM**
   **PROOFER 4 UP VACUUM**
   **AL PICKER VACUUM**
   **AL ROTATOR VACUUM**
   **SYSTEM PRESSURE**
   **SYSTEM FILTER VACUUM**
3. **INSERT THE NYLON ADAPTER AND CLEAR TUBING ONTO EACH SENSOR ACCORDING TO THEIR RESPECTIVE LOCATION. SEE THE DRAWING AND PHOTO ABOVE.**

L

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|---|---|---|---|---|
| L | E243 | 2001:NOV30 | S. CHEUNG | S. CHEUNG |
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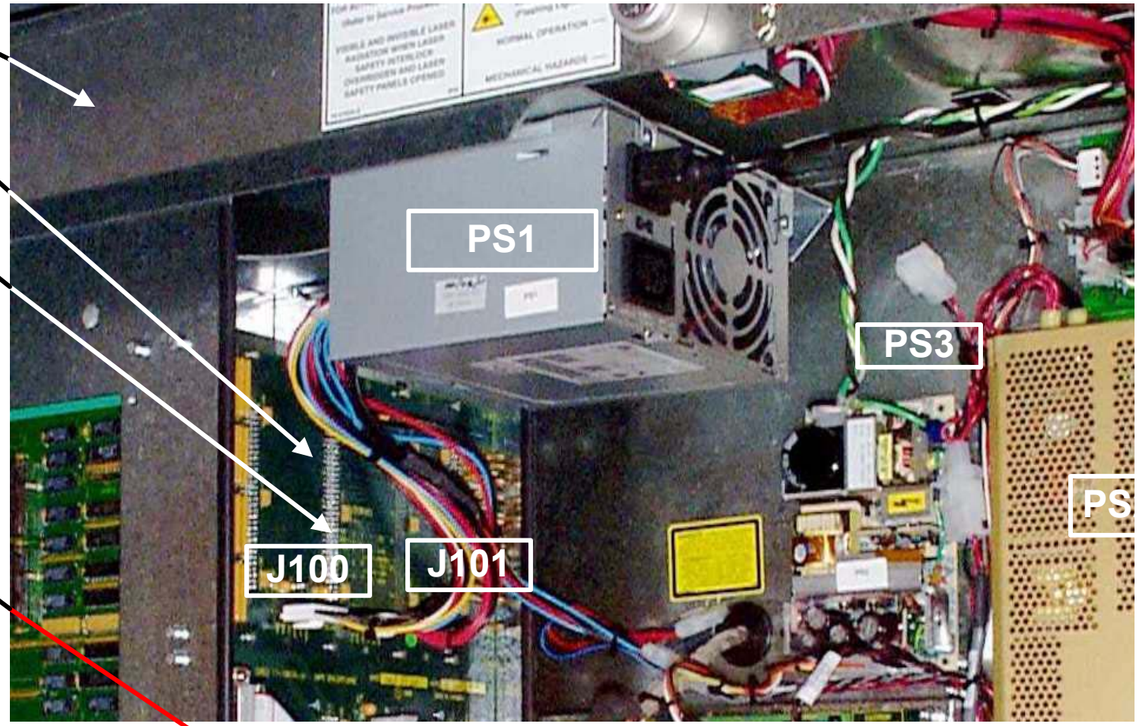
| DESIGNED BY | DRAWN BY | | | |
|---|---|---|---|---|
| SIMON CHEUNG | SIMON CHEUNG | | | |
| MILLIMETERS UNLESS SPECIFIED | DATE 2000:OCT:16 | SIZE B | SCALE NTS | |
| PART NO. | REV | DOC | SHEET | OF |
| 11 - 0872A | - M | AD | 2 | 7 |

**CARD CAGE 10-3845**

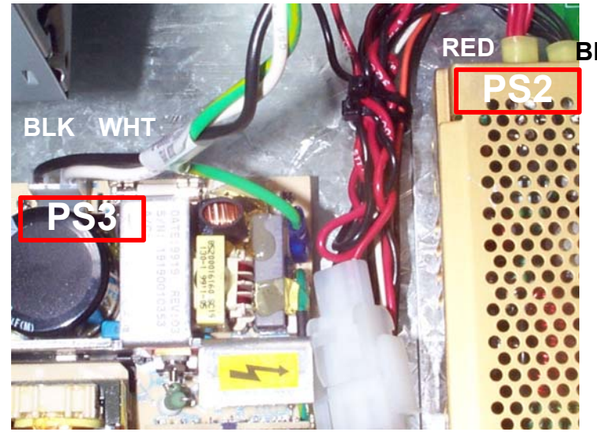
**BACKPLANE 10-4298**

P1 OF PS1 CONNECTING TO J100 OF 10-4298
P2 OF PS1 CONNECTING TO J101 OF 10-4298

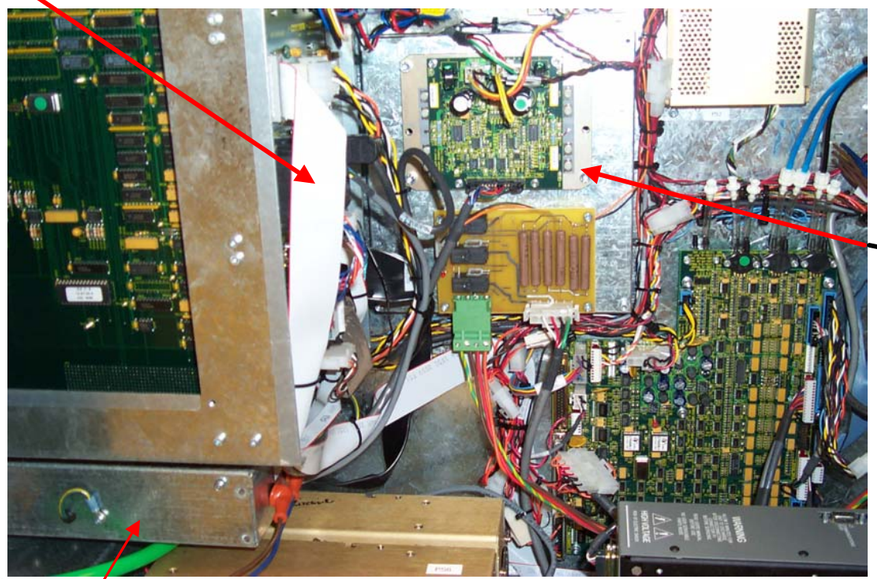
| 11-0872 POWERBOX,8 PAGE | | |
|---|---|---|
| ITEM# | PART # | NAME |
| 280 | 10-4762 | BP(J6)-MD |
| 300 | 10-3881 | BP(J11)-TEE-SPI |
| 450 | 10-4815 | BP(J1)-DC HARNESS |
| 480 | 10-3903 | BP(J28)-EH |
| 490 | 10-3904 | BP(J10)-HA |
| 500 | 10-3905 | BP(J22)-EH |
| 510 | 10-4757 | BP(J24)-STEPPER DRIVER |
| | 10-3933 | BP(J19)-RDC(J7) |
| | 10-4057 | BP(J15)-SCSI |
| | 32-4083 | BP(J400)-ENCODER |
| | 10-3876 | BP(JJ5)-DI |
| | 10-3875 | BP(J18)-WI |
| | 10-3976 | BP(J27)-LS |



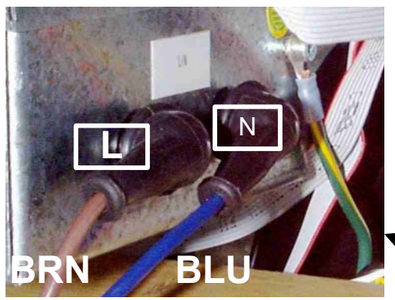

**ON PS2: ENSURE THE RED WIRE IS INSTALLED ON THE LEFT SIDE OF THE TERMINAL BLOCK AND BLACK WIRE ON THE RIGHT.**
**ON PS3: ENSURE THE BLACK WIRE IS INSTALLED ON THE LEFT SIDE OF THE CONNECTOR AND WHITE WIRE ON THE RIGHT.**




| 11-0872 POWERBOX,8 PAGE | | |
|---|---|---|
| ITEM# | PART # | NAME |
| 0580 | 13-4862 | PS2 |



| 11-0872POWERBOX,8 PAGE | | |
|---|---|---|
| ITEM# | PART # | NAME |
| 0380 | 10-3761 | CARRIAGE DRIVE BOARD |
| 0600 | 13-4834 | PS3 |
| 0770 | 10-4763 | PS3/PS4 DC OUTPUT CABLE |
| | 11-0865 | CARRIAGE MOTOR CABLE |
| | 10-5067A | CAB,ASSY,PS3,PRELOAD,15F |




**ON THE AC OUTPUT OF POWER ENTRY BOX: ENSURE THE BROWN (L) WIRE IS INSTALLED ON THE LEFT SIDE AND BLUE (N) WIRE ON THE RIGHT.**

**POWER ENTRY BOX**
**11-0589**

| REV | ECO | DATE | DRAWING CHANGES BY | DRAWING CHANGES BY |
|---|---|---|---|---|
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| M | E492 | 2001:NOV30 | P. IDEN | P. IDEN |

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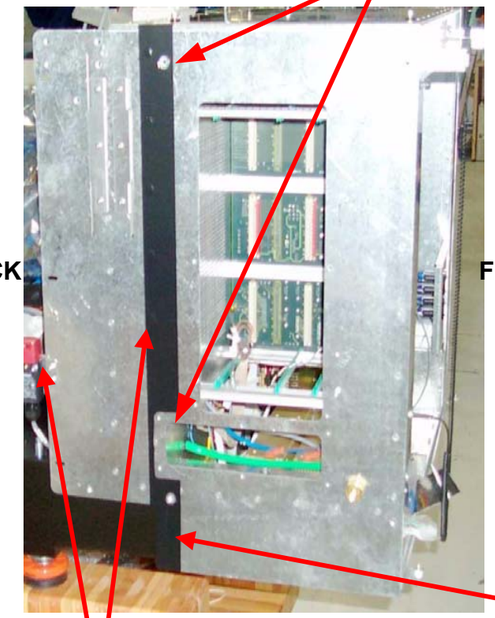
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TS2637
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| MILLIMETERS UNLESS SPECIFIED | DATE 2000:OCT:10 | SIZE B | SCALE NTS |
| PART NO. | REV | DOC | SHEET | OF |
| 11 - 0872A | - M | AD | 3 | 7 |

NOTE: LEAVE THE PEM-NUT UNMASK



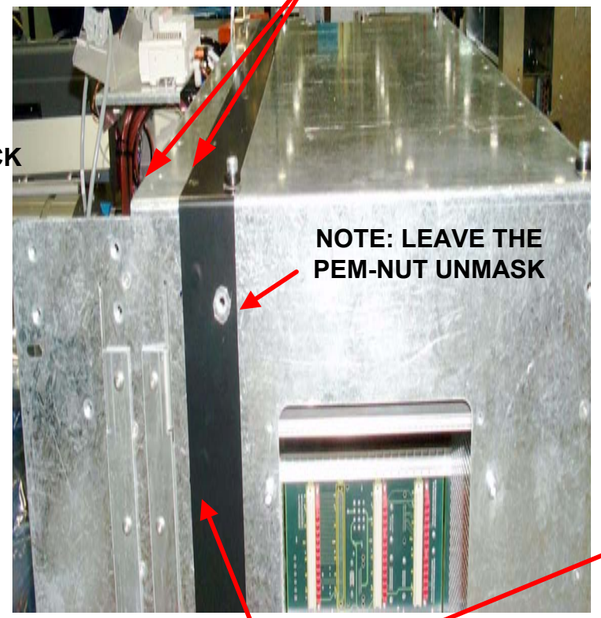
BACK

FRONT

160mm FROM THE EDGE TO THE TAPE

45mm FROM THE EDGE TO THE TAPE

BACK



NOTE: LEAVE THE PEM-NUT UNMASK

2.5M OF BLACK TAPE (56-3425) ITEM# 1140

NOTE: LEAVE THE PEM-NUT UNMASK

FRONT

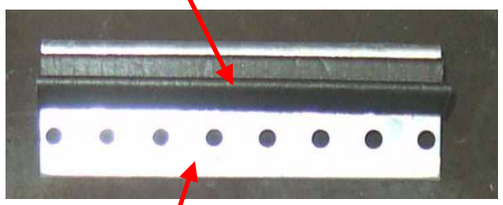


BACK

NOTE: LEAVE THE PEM-NUT UNMASK

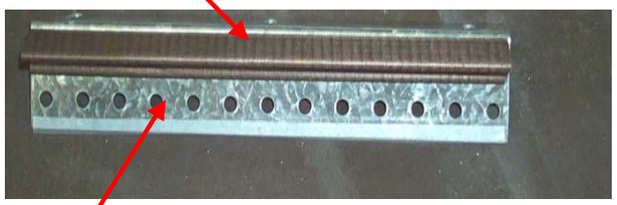
45mm FROM THE EDGE TO THE TAPE

18-3215
ITEM# 1130



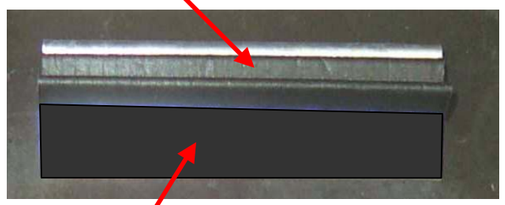
57-5460A
ITEM# 0390

18-3215
ITEM# 1130



57-5461A
ITEM# 0400

18-3215
ITEM# 1130



57-6738A
ITEM# 0130

**NOTE: PUT EMI ADHESIVE CONDUCTIVE TAPE ON THE ABOVE BRACKETS**

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|---|---|---|---|---|
| L | E243 | 2001:NOV30 | S. CHEUNG | S. CHEUNG |
| M | E492 | 2001:NOV30 | P. IDEN | P. IDEN |

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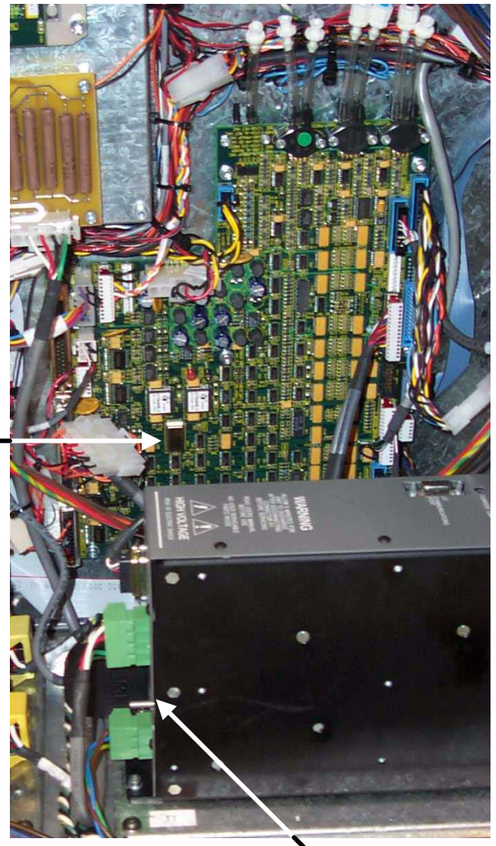
ASSY,EM,POWERBOX
TS2637
ASSEMBLY DRAWING

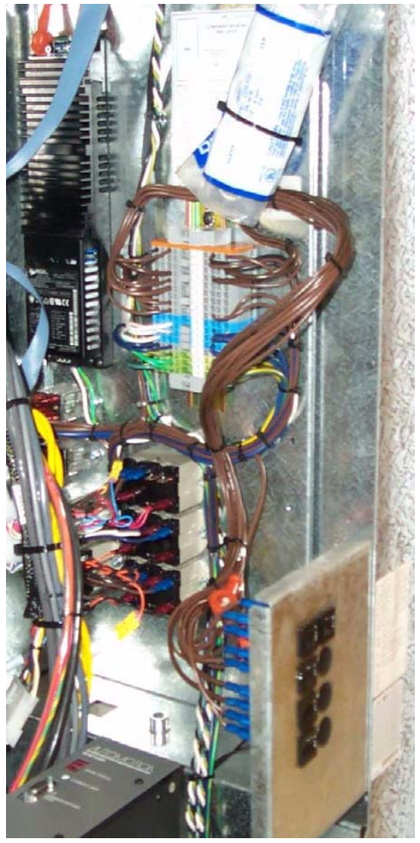
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| SIMON CHEUNG | SIMON CHEUNG | | |
| MILLIMETERS UNLESS SPECIFIED | DATE 2000:OCT:10 | SIZE B | SCALE NTS |

| PART NO. | REV | DOC | SHEET | OF |
|---|---|---|---|---|
| 11 - 0872A - M | AD | | 4 | 7 |

| 11-0872 POWERBOX,8 PAGE | | |
|---|---|---|
| ITEM# | PART # | NAME |
| 300 | 10-3881 | TEE(J1)-BP_SPI(J11) |
| | 10-3612 | TEE(J2)-PLATE FLY OFF SENSOR (TH1.0) |
| | 10-4022 | TEE(J2)-RDC(J1) FLY OFF CNTRL (TH1.7) |
| | 10-3846 | TEE(J3)-LOAD RAMP |
| 310 | 10-3882 | TEE(J4)-USER INTERFACE |
| | 10-4023 | TEE(J5)-PR LOADER SENSOR |
| | 10-4335 | TEE(J6)-AL INLOAD TABLE SENSOR |
| | 10-3902 | TEE(J7)-BT MAIN SENSOR |
| 440 | 10-3927 | TEE(J8)-SPARE SENSOR |
| | 10-4025 | TEE(10)-PR PANEL SENSOR |
| | 10-4032 | TEE(11)-AL PICKER SENSOR |
| 290 | 10-3883 | TEE(13)-TEMP SENSOR |
| 450 | Oct-15 | TEE(15) POWER-BP(J1) |
| | 10-4957 | TEE(15)-DHU |
| | 10-4033 | TEE(17)-AL STEPPER MOTOR CNTRL |
| | 10-4019 | TEE(18)-PR STEPPER MOTOR CNTRL |
| | 10-3892 | TEE(19)- RELAY CNTRL |
| 420 | 10-3926 | TEE(20)-BT SOLENOID |
| | 10-4034 | TEE(21)-AL SOLENOID |
| | 10-4024 | TEE(22)- PR SOLENOID |
| | 10-4037 | TEE(24) AL COVER LAMP |
| | 10-4071 | TEE(J25)- PICKER MOVE/WRIST |
| | 10-4038 | TEE(26) AL COVER LOCK |

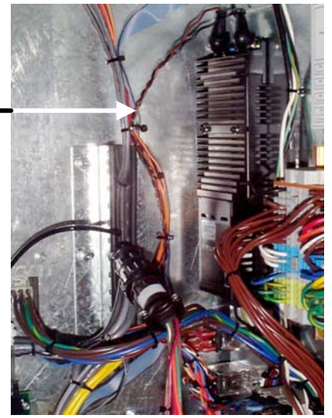


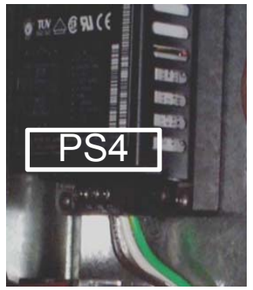



| ITEM# | PART # | NAME |
|---|---|---|
| 0410 | 15-3466 | DRUM SERVO AMPLIFIER |
| 1000 | 10-4760 | SERVO DRUM BRAKE ADAPTER |
| 0550 | 10-3965 | MD(J9)-50R,55W RES |
| | 10-4878 | RELAY - SERVO AC POWER |
| 1010 | 10-4797 | P2 - DRUM MTR POWER |
| 0280 | 10-4762 | (J1)-BP(J6) |
| | | |

**NOTE**

**ROUTE ALL THE WIRES ON EITHER SIDES OF BRACKETS**





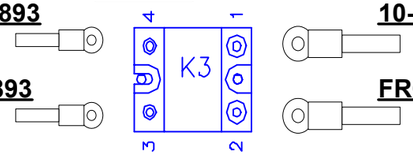

**NOTE**

**ENSURE THE BLACK (L) WIRE IS INSTALLED ON THE LEFT SIDE OF THE TERMINAL; THE WHITE (N) WIRE IS IN THE MIDDLE; AND THE G/Y (GND) WIRE IS ONTHE RIGHT.**

**SPECTRUM OPTION**

**BLU WIRE OF 10-3893**

**RED WIRE OF 10-3893**




**10-4018 FROM TB2-6-1**

**FROM PIN 4 OF 10-4334**

| REV | ECO | DATE | DRAWING CHANGES BY | DRAWING CHANGES BY |
|---|---|---|---|---|
| L | E243 | 2001:NOV30 | S. CHEUNG | S. CHEUNG |
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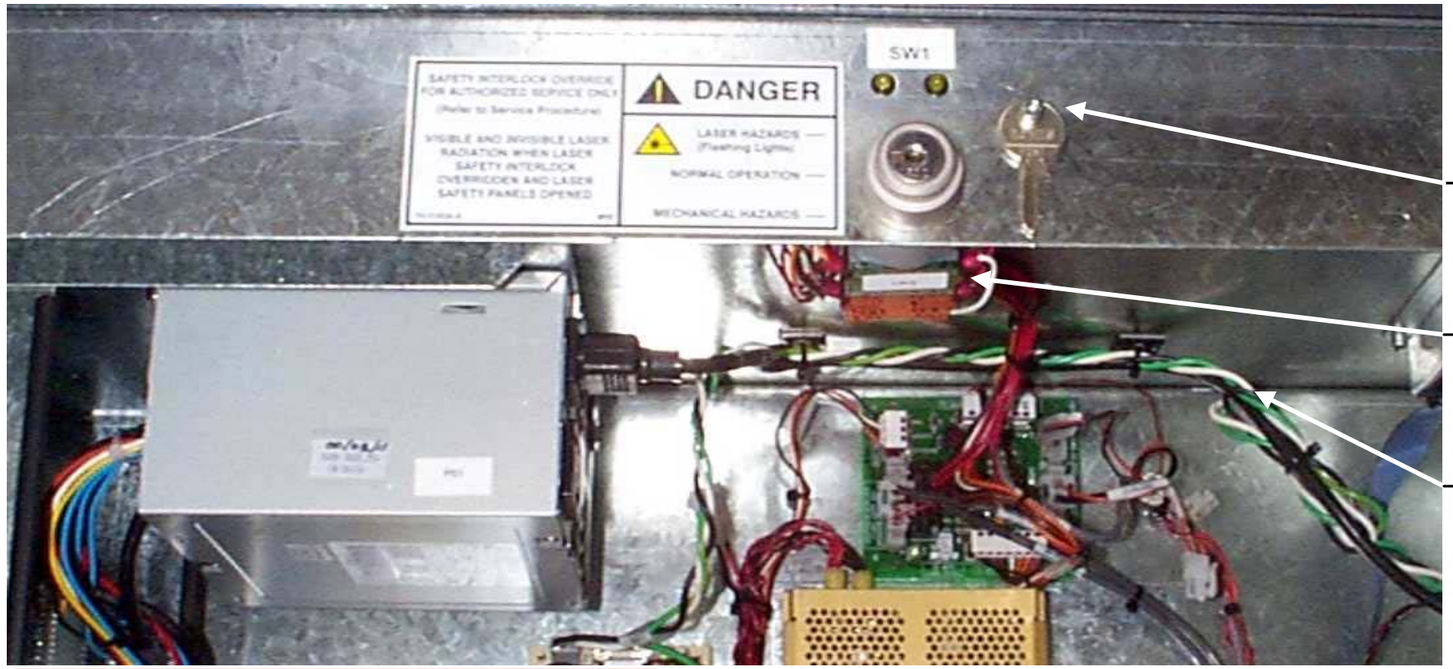
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| PART NO. | REV | DOC | SHEET | OF |
| 11 - 0872A | - M | AD | 5 | 7 |




**NOTES:**

INSTALL A NYLON WASHER ONTO THE SCREW TO KEEP THE KEY AND THE SCREW FROM LOSING.

INSTALL THE CONTACT BLOCK (10-3937) WITH ITS LABEL FACING UP.

ROUTE PS1 & PS3 AC WIRES AWAY FROM THE DC SIGNAL WIRES.

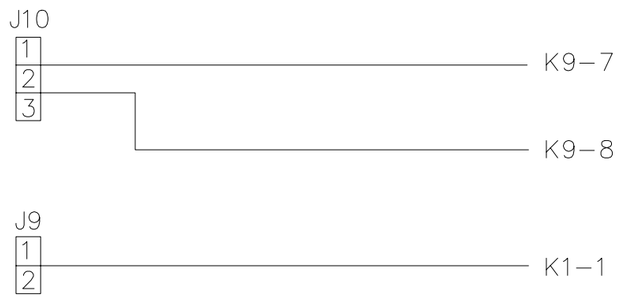
**11-0872 POWERBOX,8 PAGE**

| ITEM# | PART # | NAME |
|---|---|---|
| 0650 | 10-3701 | RELAY DELAY BOARD |
| | 10-4022 | RDC(J1)-TEE PLATE FLYOFF (SPECTRUM OPTION ONLY) |
| | 10-3612 | RDC(J1)-TEE PLATE FLYOFF (BASE OPTION ONLY) |
| | 10-3989 | RDC(J2)-DELAY RELAY FOR SERVO AND CARRIAGE |
| 0750 | 10-3937 | RDC(J3)-CONTACT BLOCK |
| | 10-3929 | RDC(J4)-ABORT SW |
| 0820 | 10-4062 | RDC(J5 &J6) ELEC,FLASHING LED |
| 0760 | 16-3440 | RED ON PIN 1 & BLK ON PIN2 |
| 0740 | 10-3933 | RDC(J7)-BP(J19) |
| | 10-3931 | RDC(J8)-DOORS & ABORT SWITCH |
| | 10-3892 | RDC(J9 & J10)-K9 THERMAL HEAD RELAY |

**FOR TH1.7 OPTION, INSTALL 10-3892 ON J9 & J10 WITHOUT A SINGLE WIRE ADAPATERCABLE.**

TH(1.7)

**10-3892**




| REV | ECO | DATE | DRAWING CHANGES BY | DRAWING CHANGES BY |
|---|---|---|---|---|
| L | E243 | 2001:NOV30 | S. CHEUNG | S. CHEUNG |
| M | E492 | 2001:NOV30 | P. IDEN | P. IDEN |

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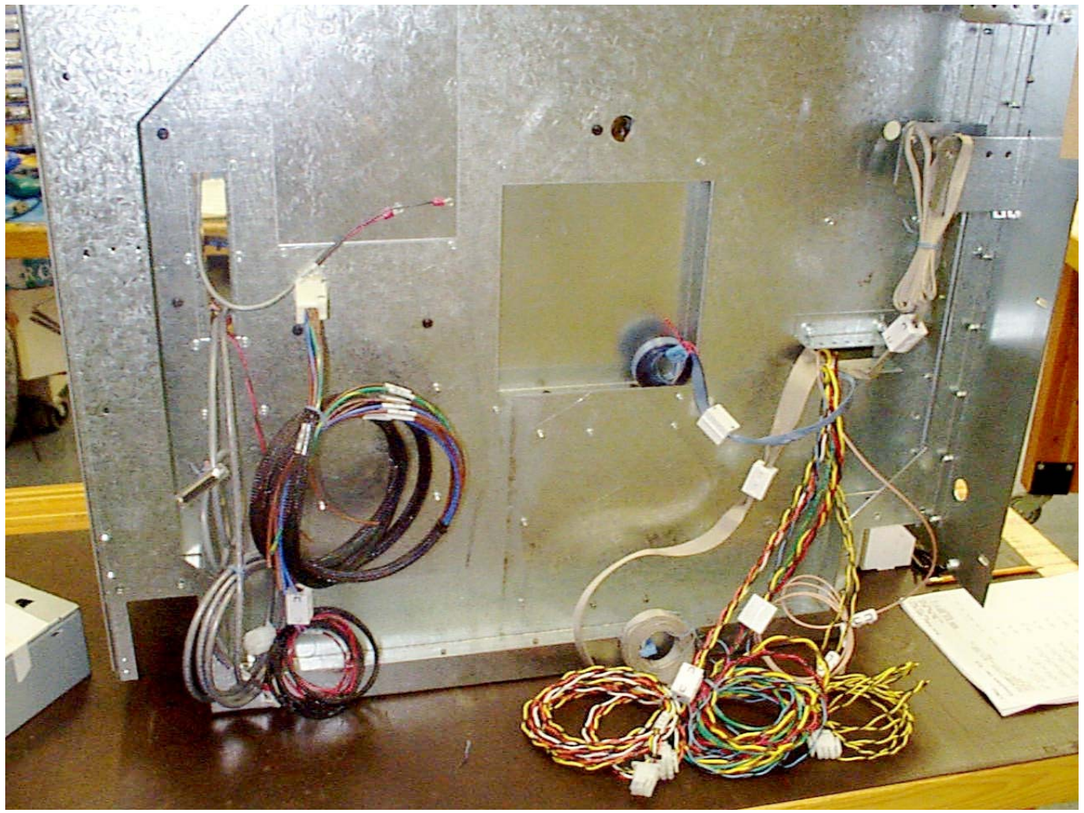
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|---|---|---|---|
| SIMON CHEUNG | SIMON CHEUNG | | |
| MILLIMETERS UNLESS SPECIFIED | DATE 2000:OCT:16 | SIZE B | SCALE NTS |

| PART NO. | REV | DOC | SHEET | OF |
|---|---|---|---|---|
| 11 - 0872A | - M | AD | 6 | 7 |

**NOTE:**

| |
|---|
| NO FERRITE NEEDED ON 10-4109 NEAR THE POWERBOX BULKHEAD OR AT THERMAL HEAD END. |
| NO FERRITE NEEDED ON 10-3897 CABLE NEAR THE BULKHEAD. |
| NO FERRITE NEEDED ON 10-3937 AND 10-3883 CABLES NEAR THE BULKHEAD |
| NO FERRITE NEEDED ON 10-3904 RIBBON CABLE NEAR THE BULKHEAD |
| NO FERRITE NEEDED ON 10-3903 RIBBON CABLE NEAR THE BULKHEAD |
| NO FERRITE NEEDED ON 10-3905 RIBBON CABLES NEAR THE BULKHEAD |



**11-0872 POWERBOX,8 PAGE**

| ITEM# | PART # | NAME |
|---|---|---|
| | 10-4567 | CHILLER/DEBRIS HARNESS |
| 0420 | 10-3926 | TEE(J20)-VALVE |
| 0530 | 10-4957 | DHU CABLE |
| | 10-3927 | TEE(J8)-SENSOR |
| | 10-3929 | RDC(J4)-ABORT SW |
| | 10-3931 | RDC(J8)-DOOR SW |
| | 10-4335 | PWR: POWERBOX TO FAN |

**11-0872 POWERBOX,8 PAGE**

| ITEM# | PART # | NAME | THE TOTAL LENGTH HANGING OUT FROM THE BACK OF THE POWERBOX |
|---|---|---|---|
| 290 | 10-3883 | TEE-TEMP | 2150mm |
| 450 | 10-4818 | DC HARNESS | 2100mm |
| 470 | 10-3897 | PS5/PS6 TH1.7 HARNESS | 2060mm |
| 475 | 10-4109 | EH-BLKHD, COAX | 1930mm |
| 480 | 10-3903 | EH-BP(J28) | 2010mm |
| 490 | 10-3904 | HA-BP(J10) | 2160mm |
| 500 | 10-3905 | EH-BP(J22) | 2090mm |

| REV | ECO | DATE | DRAWING CHANGES BY | DRAWING CHANGES BY |
|---|---|---|---|---|
| L | E243 | 2001:NOV30 | S. CHEUNG | S. CHEUNG |
| M | E492 | 2001:NOV30 | P. IDEN | P. IDEN |

L NO LATEST REVISION CHANGES ON THIS DRAWING

CreoScitex

ASSY,EM,POWERBOX
TS2637
ASSEMBLY DRAWING

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| DESIGNED BY | DRAWN BY | | | |
|---|---|---|---|---|
| SIMON CHEUNG | SIMON CHEUNG | | | |
| MILLIMETERS UNLESS SPECIFIED | DATE 2000:OCT:10 | SIZE B | SCALE NTS | |
| PART NO. | REV | DOC | SHEET | OF |
| 11 - 0872A | - M | AD | 7 | 7 |