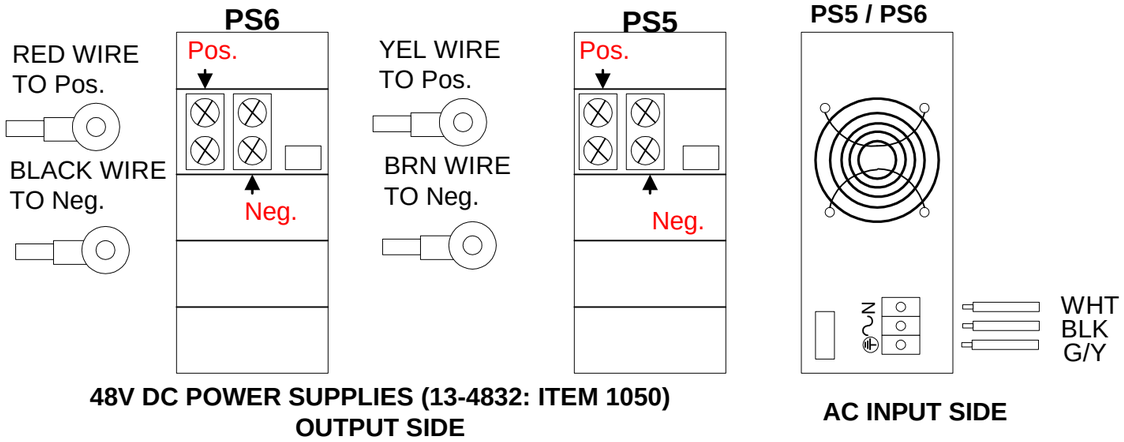
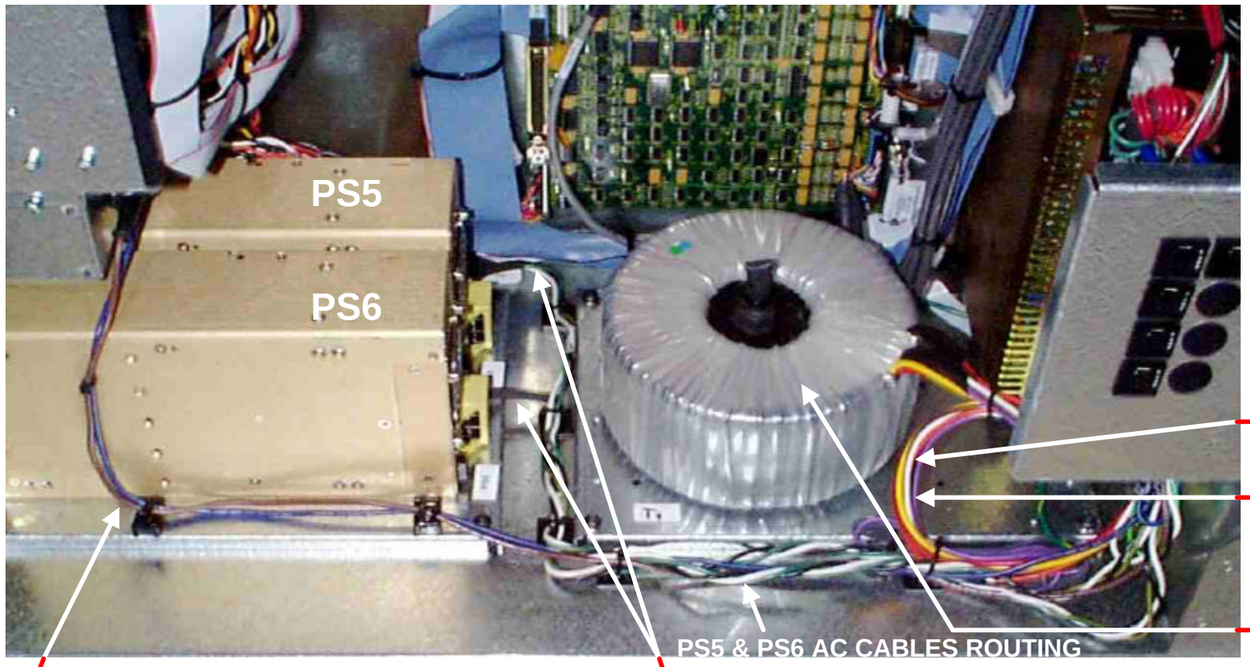
THE RING CONNECTORS OF 10-3897CABLE HARNESS SHOULD BE CONNECTED AS THE DIAGRAM SHOWN BELOW:
RED WIRE CONNECTING TO THE POSITIVE & BLK WIRE TO THE NEGATIVE OF THE PS6.
YELLOW WIRE CONNECTING TO THE POSITIVE & BROWN WIRE TO THE NEGATIVE OF THE PS5.



48V DC POWER SUPPLIES (13-4832: ITEM 1050) OUTPUT SIDE

AC INPUT SIDE



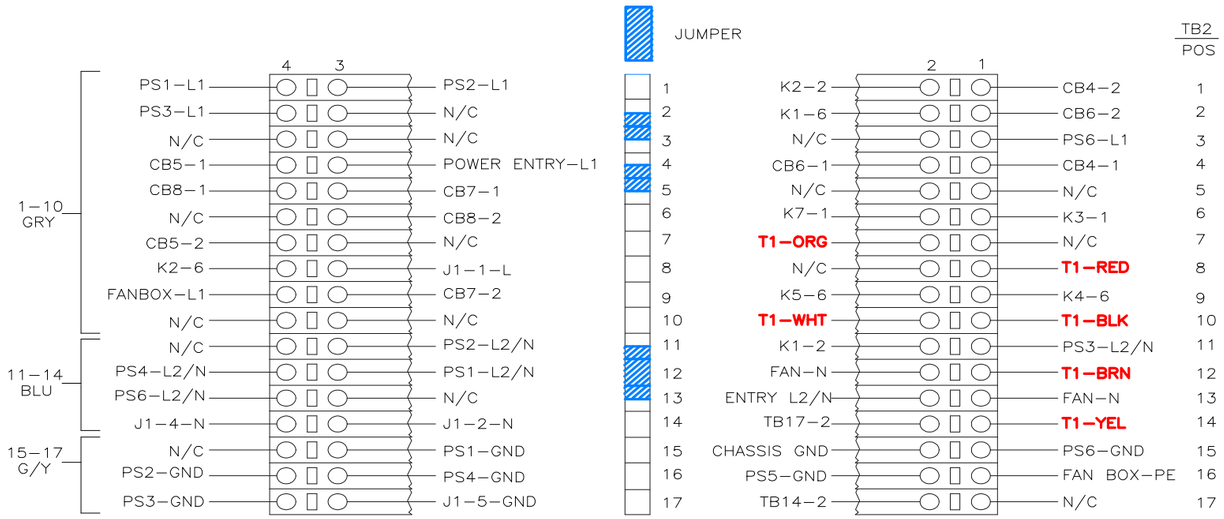
POWER ENTRY BOX AC CABLES ROUTING

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

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TERMINAL - TB2 CONFIGURATION



NOTE1:
CONNECT T1-RED,T1-BLK,T1-BRN,T1-YEL,T1-ORG & T1-WHT WIRES FROM THE TRANSFOMER (ITEM# 0090) TO TERMINAL BLOCK(TB2) ACCORDING TO THE SHOWN DIAGRAM.

NOTE2:
GRAY WIRE AND VIOLET WIRE FROM T1-TRANSFORMER HAVE TO BE HEAT-SHRUNK INDIVIDUALLY AND CABLE-TIED ALONG WITH POWER ENTRY AC CABLES, PS5 & PS6 AC CABLES

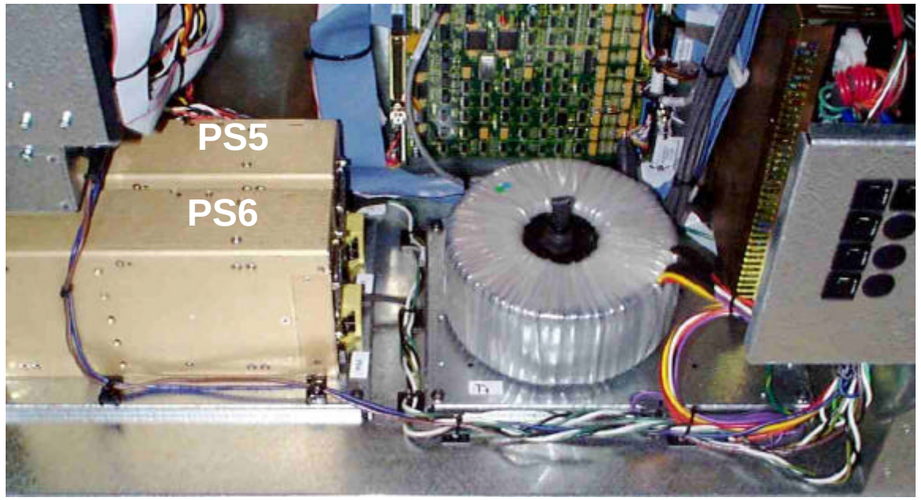
11-0603 POWERBOX,8 PAGE		
ITEM#	**PART #**	**NAME**
0050	52-4415	M12X100,HEX-CAP SCREW
0060	52-4241	M12 NUT
0070	52-4064	M12 FLAT WASHER
0080	52-4546	M12 SPLIT LOCK WASHER
0090	13-4726	1380VA TRANSFORMER
0540	57-5330	MOUNTING BRACKER

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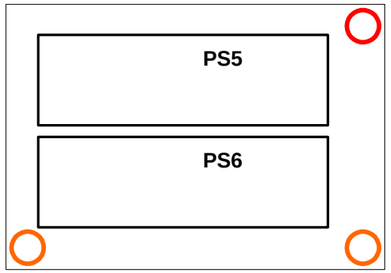
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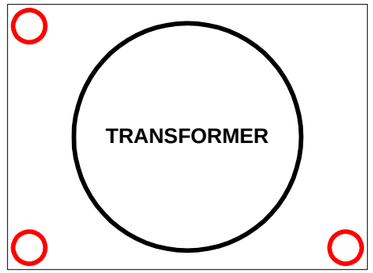
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ITEM# 0540 57-5330A



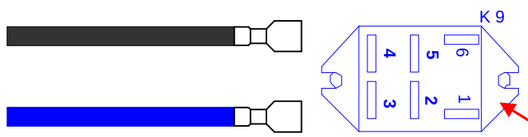
ITEM# 0540 57-5330A

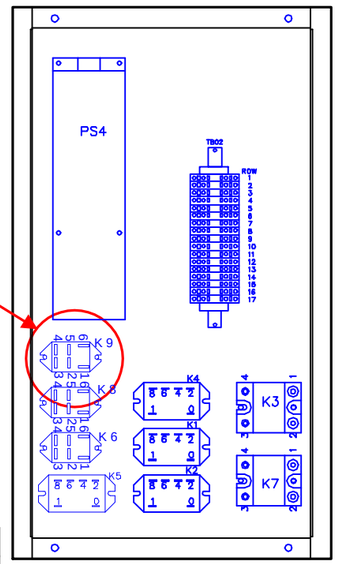


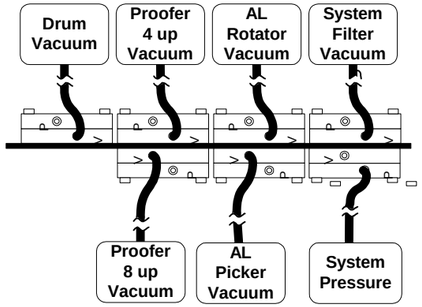
MOUNTING PATTERN FOR ITEM# 0730 52-4274 & ITEM# 0710 52-4186 ON ITEM# 0540

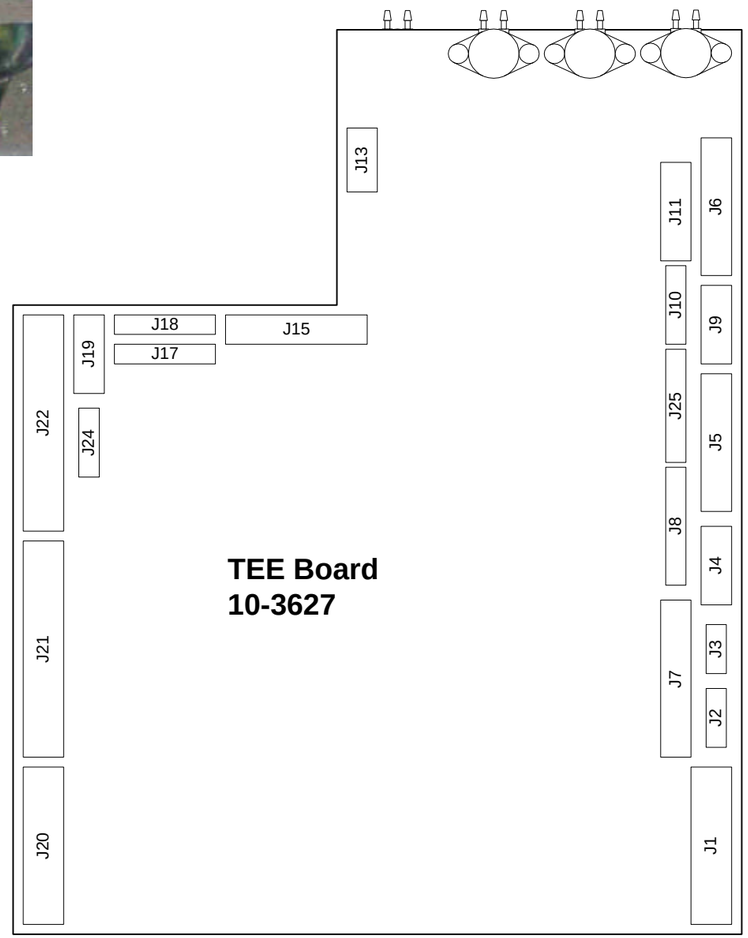
BLACK WIRE FROM 10-3897 TO K9-4

BLUE WIRE FROM 10-3897 TO K9-3

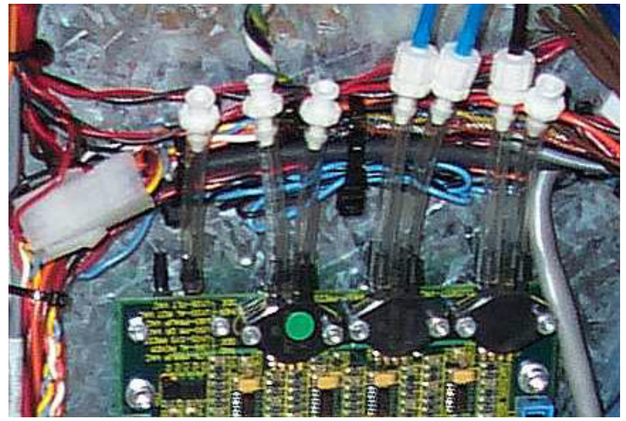








TEE Board
10-3627



TEE BOARD		
ITEM#	**PART #**	**NAME**
1160	55-0658	FEMALE NYLON ADAPTER
1170	56-3290	6mm CLEAR TUBING
1180	74-3303	LABEL

NOTES:

1. **INSERT FEMALE NYLON ADAPTER (ITEM# 1160) ONTO A 60mm LONG OF 6mm CLEAR TUBING (ITEM #1170).**
2. **LABEL EACH 60mm LONG OF 6mm CLEAR TUBING (ITEM# 1170) 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.**

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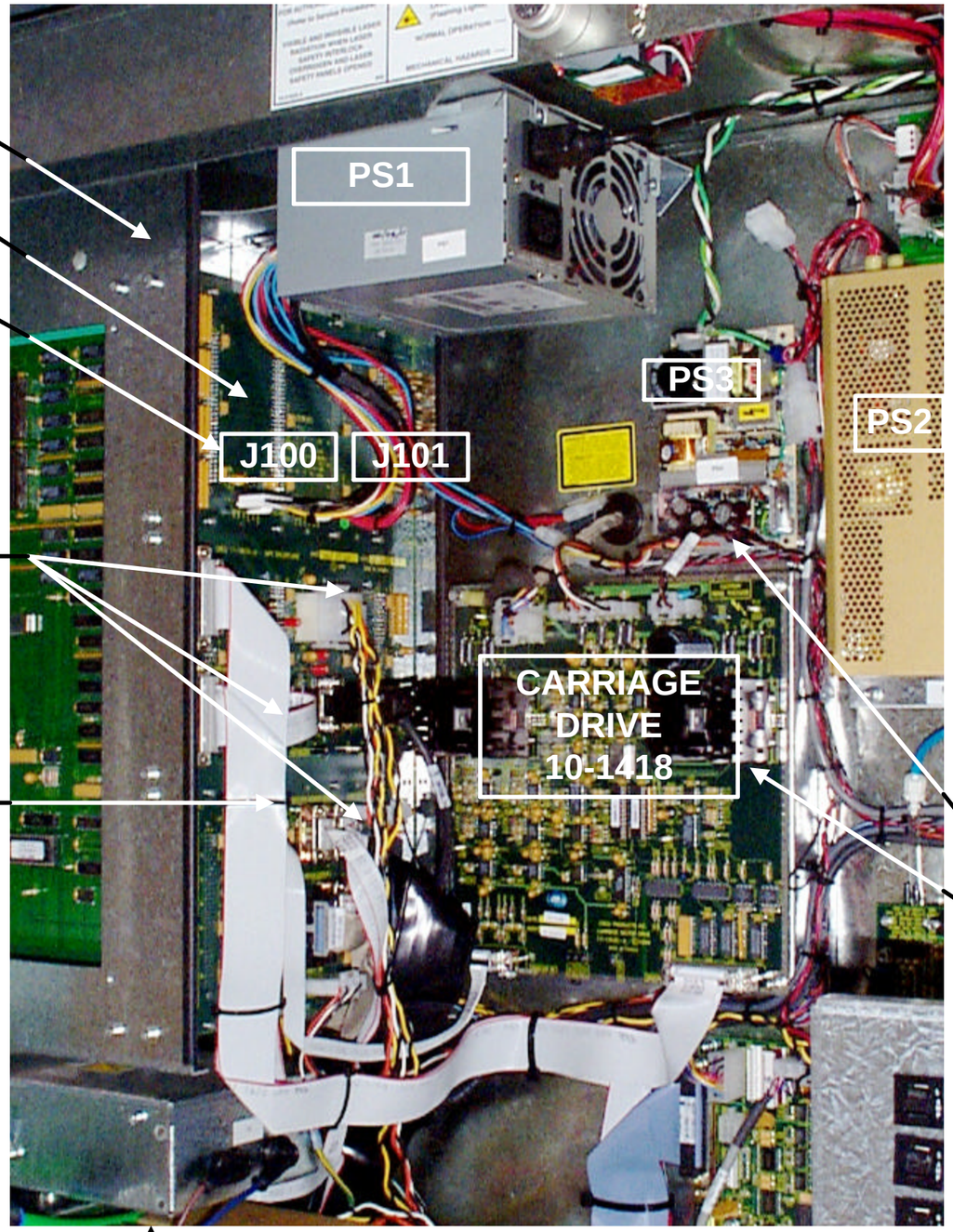
CARD CAGE 10-3845

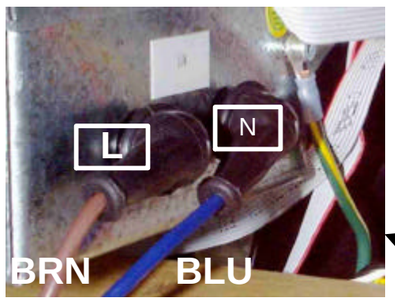
BACKPLANE 10-4298

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

11-0603 POWERBOX,8 PAGE		
ITEM#	PART #	NAME
280	10-3878	BP(J6)-MD
300	10-3881	BP(J11)-TEE-SPI
450	10-4818	BP(J1)-DC HARNESS
480	10-3903	BP(J28)-EH
490	10-3904	BP(J10)-HA
500	10-3905	BP(J22)-EH
510	10-3910	BP(J24)-CD-ANALOG
520	10-3907	BP(J29)-CD-DIGITAL
1000	16-4083	ADD INLINE FILTER TO J29
1010	13-3384	FERRITE CLAMPS ON 10-3907
1020	52-4235	CLIPS FOR FERRITE CLAMPS
	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

USE ITEM 0990(18-3121) RIBBON CABLE CLAMP INSTEAD OF USING CABLE TIE TO SECURE ALL RIBBON CABLES.

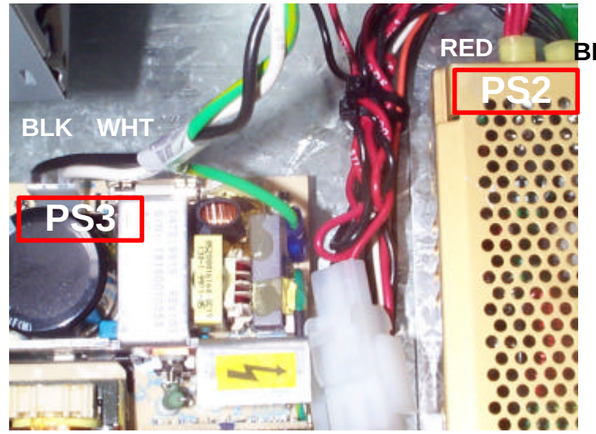




ON THE AC OUTPUT OF POWER ENTRY BOX: ENSURE THE BROWN (L) WIRE IS INSTALLED ON THE LEFT SIDE AND BLUE (N) WIRE ON THE RIGHT.

POWER ENTRY BOX 11-0589

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.



11-0603 POWERBOX,8 PAGE		
ITEM#	PART #	NAME
0580	13-4862	PS2

11-0603 POWERBOX,8 PAGE		
ITEM#	PART #	NAME
0380	10-1418	CARRIAGE DRIVE BOARD
0600	13-4834	PS3
0770	10-3909	PS3, DC OUTPUT CABLE
	10-3910	PS4, 85VDC OUTPUT CABLE
	11-0815	CARRIAGE MOTOR CABLE

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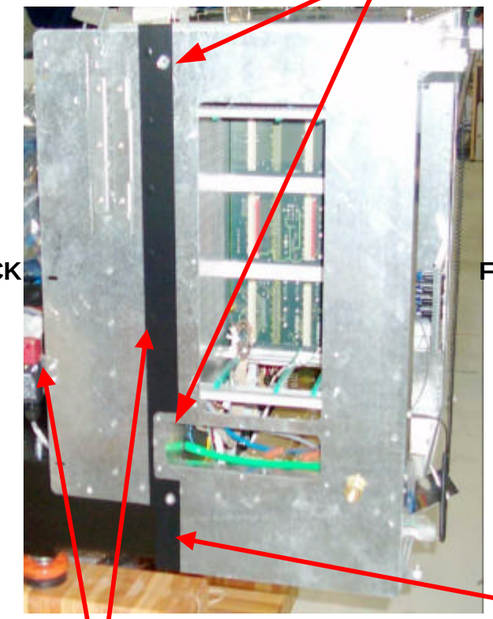
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NOTE: LEAVE THE PEM-NUT UNMASK



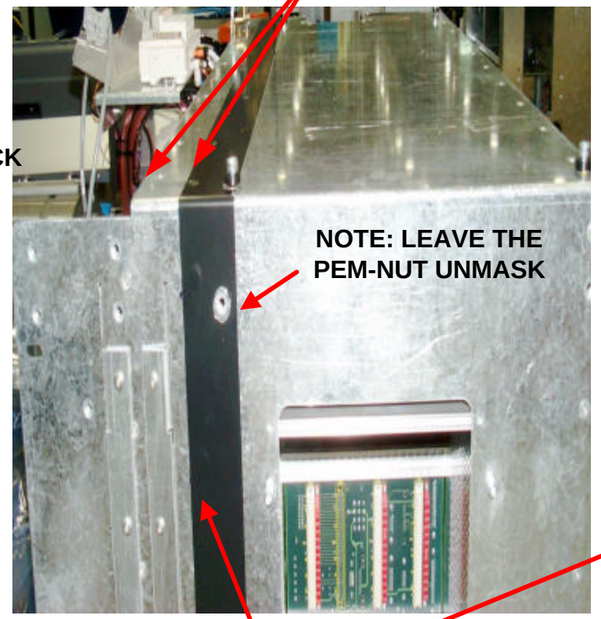
BACK

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)

NOTE: LEAVE THE PEM-NUT UNMASK

FRONT

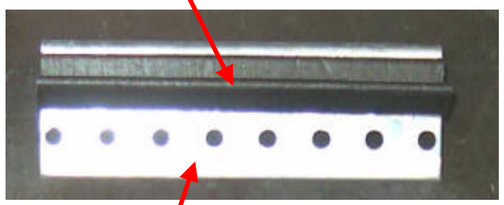


BACK

NOTE: LEAVE THE PEM-NUT UNMASK

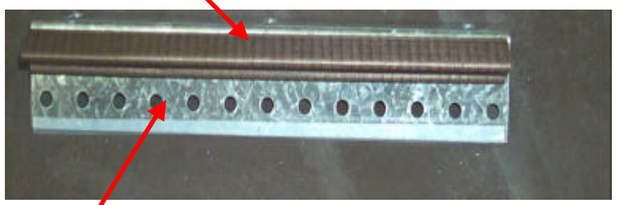
45mm FROM THE EDGE TO THE TAPE

18-3215
ITEM# 1110



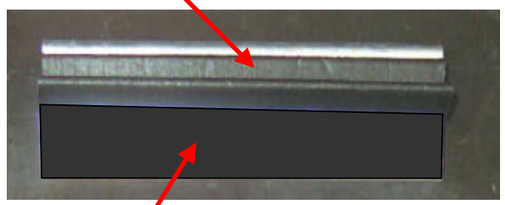
57-5460A
ITEM# 0390

18-3215
ITEM# 1110



57-5461A
ITEM# 0400

18-3215
ITEM# 1110



57-6738A
ITEM# 0130

NOTE: PUT EMI ADHESIVE CONDUCTIVE TAPE ON THE ABOVE BRACKETS

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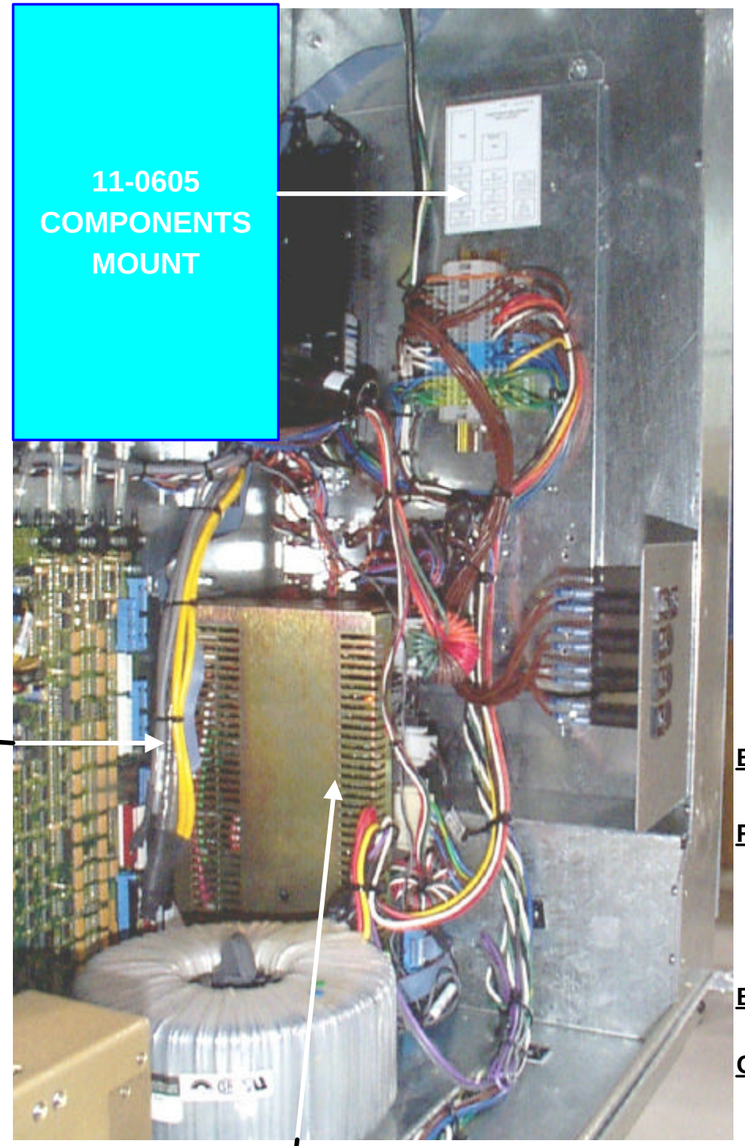
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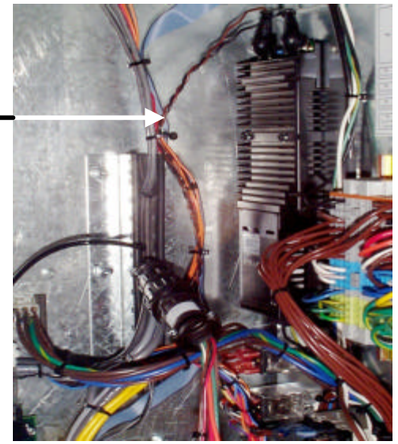
11-0603 POWERBOX,8 PAGE		
ITEM#	PART #	NAME
300	10-3881	TEE(J1) BP - SPI(J11)
	10-3612	TEE(J2)-PLATE FLY OFF SENSOR (TH1.0)
	10-4022	TEE(J2)-RDC(J1) FLY OFF CNTRL (TH1.7)
	10-3846	TEE(J3)-LOAD RAMP
310	10-3882	TEE(J4)-USER INTERFACE
	10-4023	TEE(J5)-PR LOADER SENSOR
	10-4335	TEE(J6)-AL INLOAD TABLE SENSOR
	10-3902	TEE(J7)-BT MAIN SENSOR
	10-4567	TEE(J8 & J19)
440	10-3927	TEE(J8)
	10-4025	TEE(10)-PR PANEL SENSOR
	10-4032	TEE(11)-AL PICKER SENSOR
290	10-3883	TEE(13)-TEMP SENSOR
450	10-4818	TEE(15) POWER-BP(J1)
	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(J26) AL COVER LOCK

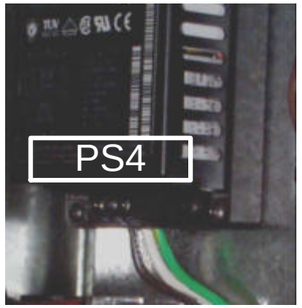
11-0605 COMPONENTS MOUNT



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

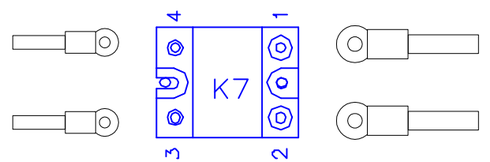
BLU WIRE OF 10-3893 — **10-4518 FROM TB2-6-1**

RED WIRE OF 10-3893 — **FROM PIN 4 OF 10-4334**

DEBRIS OPTION

BLK WIRE OF 10-3996 — **10-4518 FROM TB2-6-2**

ORG WIRE OF 10-3996 — **FROM PIN 7 OF10-4334**



11-0603 POWERBOX,8 PAGE		
ITEM#	PART #	NAME
0410	15-3330	DRUM SERVO AMPLIFIER
0560	57-5452	SERVO AMP BRACKET
0550	10-3965	MD(J9)-50R,55W RES
	10-3986	MD(J1)-AC POWER
	10-4515	MD(J4)-DRUM MOTOR
	10-3928	MD(J1)-PS1
	10-3878	MD(J2)-BP(J6)

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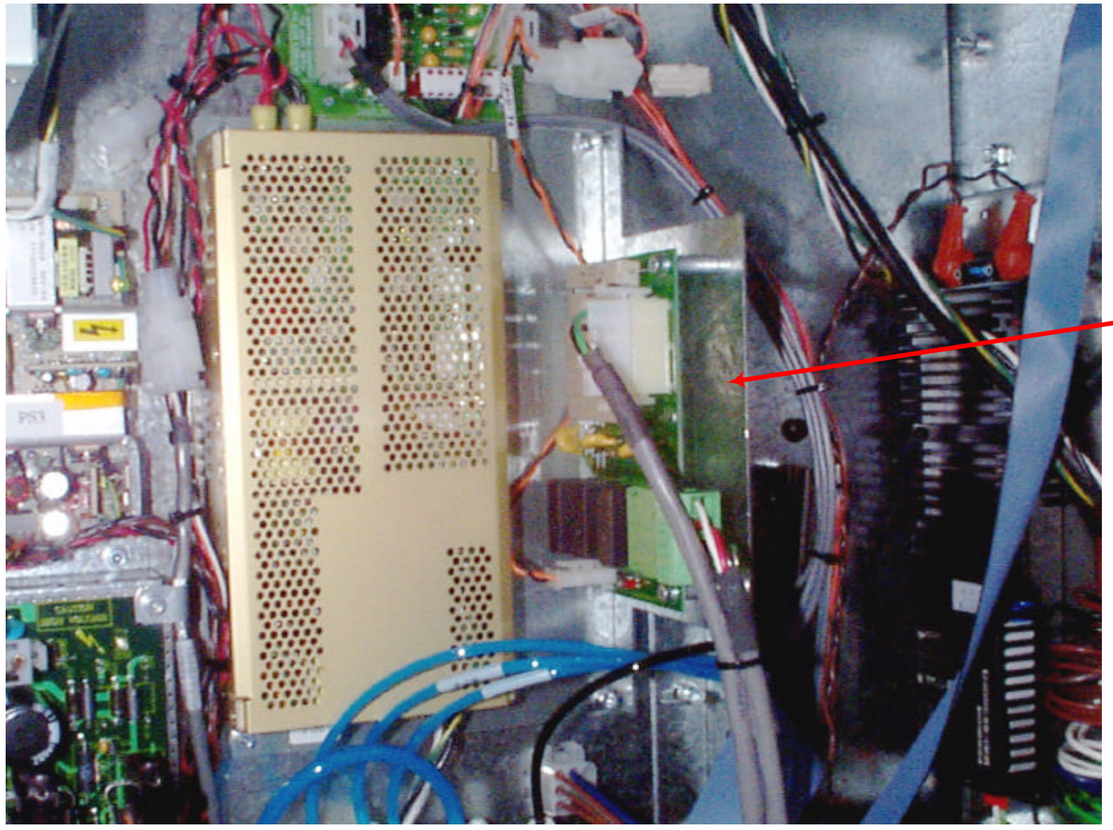
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B

11-0603 POWERBOX,8 PAGE			
ITEM#	**PART #**	**NAME**	**DESCRIPTION**
0130	**11-0880A**		**KIT,DRUM MOTOR BRAKE,TS**
		10-4795	BRD,ASSY,RESISTIVE BRAKE,TS
		10-4803	CAB,ASSY,SERVO BRKING CTRL,TS8
			FROM J2 OF (10-3701) TO J2 OF (10-4795)
		10-4804	CAB,ASSY,DRUM BRAKE SERVO AMP,TS8
			FROM J4 OF 15-3330 TO J3 OF (10-4795)
		10-4805	CAB,ASSY,DRUM MTR-BRAKE BRD,TS8
			FROM DRUM MOTOR TO J1 OF (10-4795)
		57-8528	BRKT,DRUM MOTOR BRAKE BOARD,TS
		52-3253	SCRW,M4*8,SOCK-CAP,S-PLATED,PRE-APPLIED

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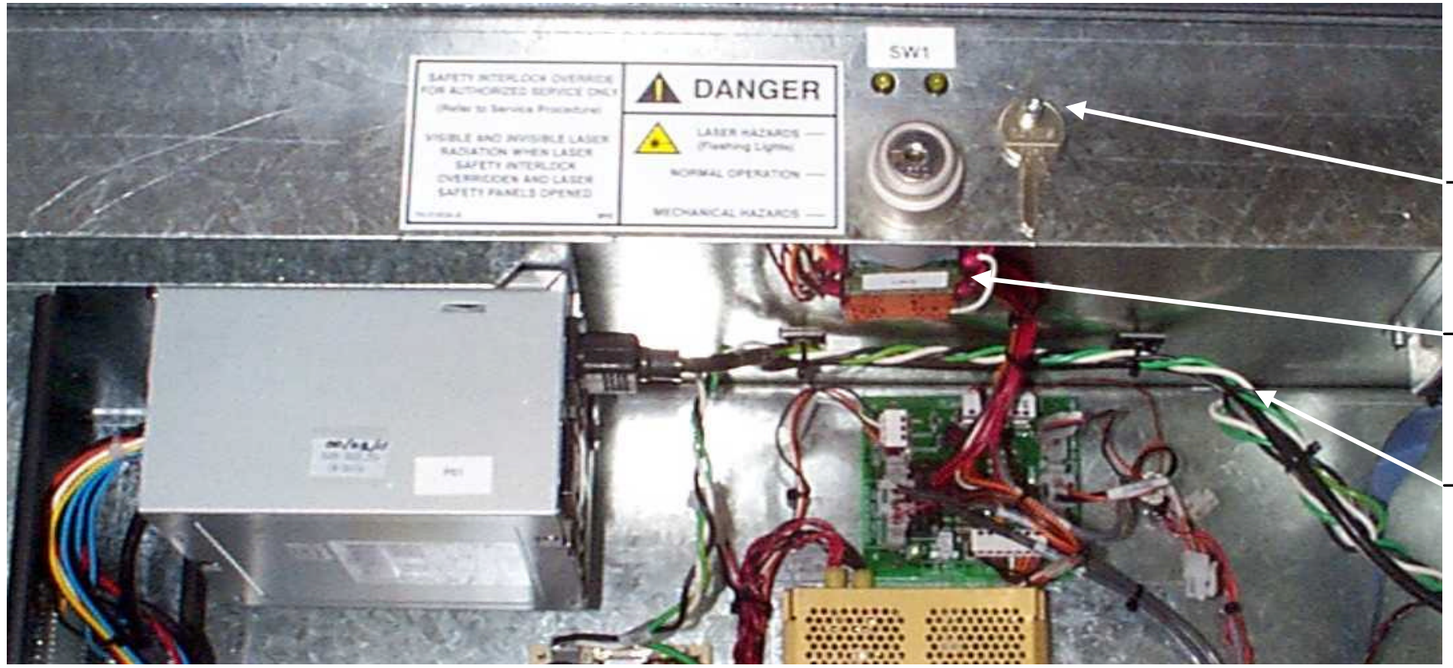
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NOTES:

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.

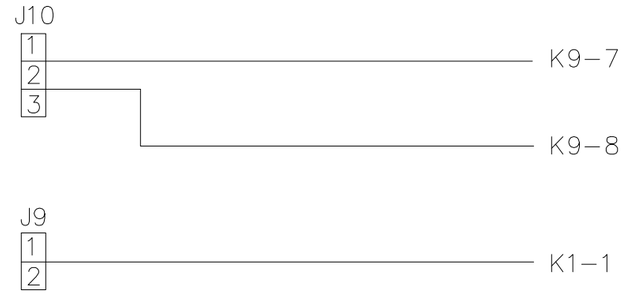
ROUTE PS1 & PS3 AC WIRES AWAY FROM THE DC SIGNAL WIRES.

11-0603 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 0760	10-4062 16-3440	RDC(J5 &J6) ELEC,FLASHING LED 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



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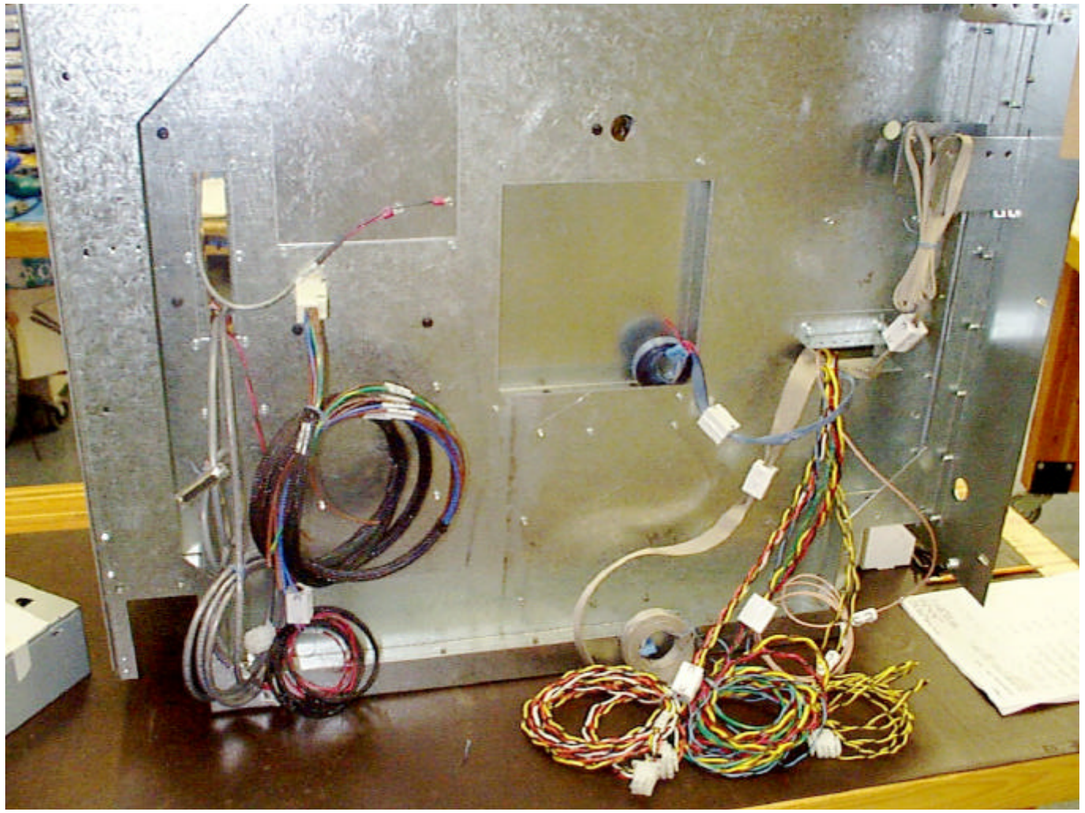
ASSY,EM,POWERBOX,8-PAGE
TS8
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PART NO.	REV	DOC	SHEET	OF
11 - 0603B	- D	AD	7	8

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



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ITEM#	PART #	NAME
	10-4567	CHILLER/DEBRIS HARNESS
0420	10-3926	TEE(J20)-VALVE
0530	10-3928	DESICCANT PWR CABLE
	10-3927	TEE(J8)-SENSOR
	10-3929	RDC(J4)-ABORT SW
	10-3931	RDC(J8)-DOOR SW
	10-4335	PWR: POWERBOX TO FAN

11-0603 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
E	E115	2001:APR:02	S. CHEUNG	S. CHEUNG
C	E002	2001:JAN:02	S. CHEUNG	S CHEUNG

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