

MORTAL KOMBAT II



OPERATIONS MANUAL

**Operation & Adjustments • Testing & Problem Diagnosis
Parts Information • Wiring Diagrams & Schematics**

MORTAL KOMBAT II

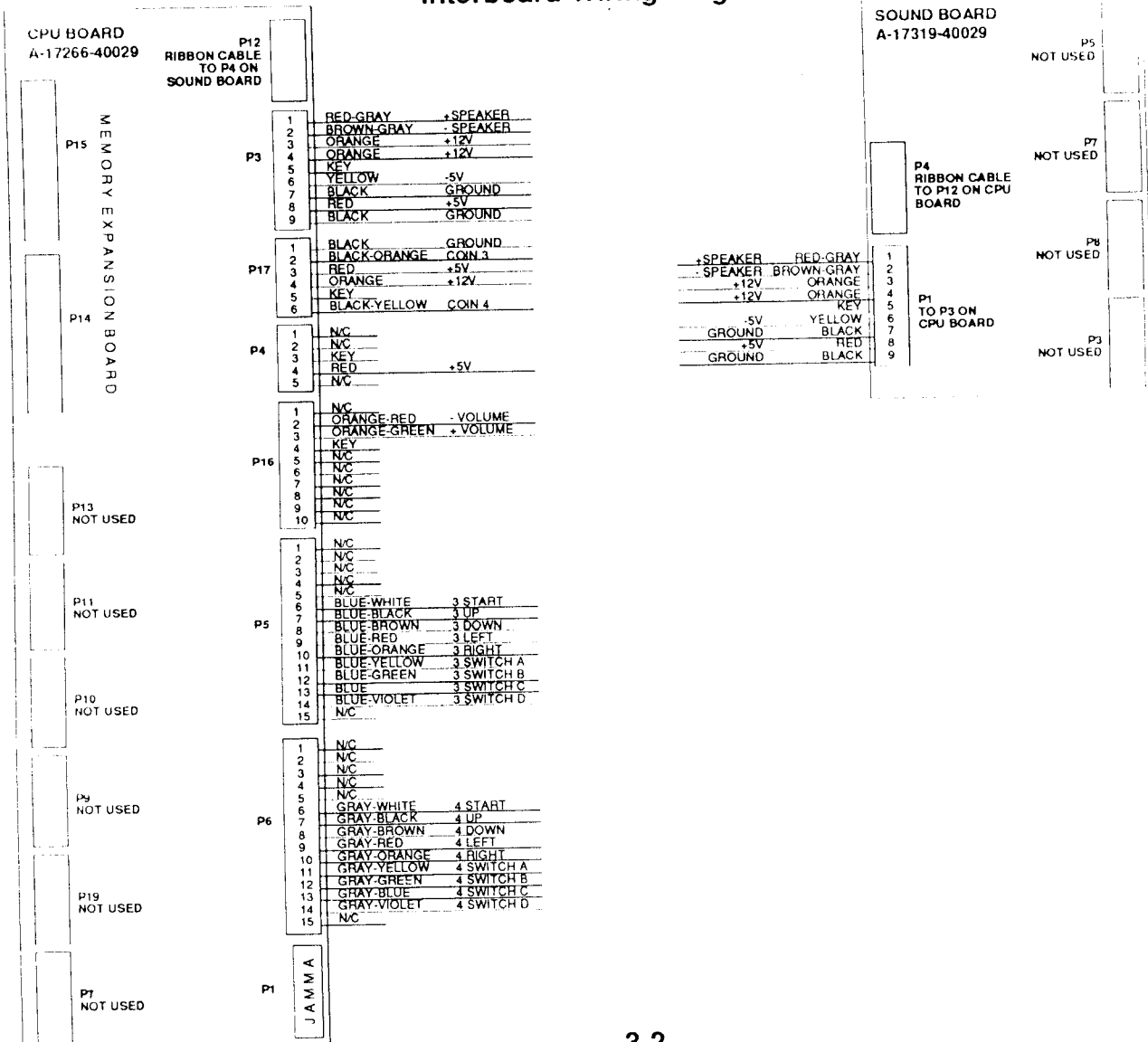
S E C T I O N three

Schematics and Wiring Diagrams

JAMMA Chart

Function	Wire Color	Pin	Pin	Wire Color	Function
Ground	Black	1	A	Black	Ground
Ground	Black	2	B	Black	Ground
+5 Volts DC	Red	3	C	Red	+5 Volts DC
+5 Volts DC	Red	4	D	Red	+5 Volts DC
-5 Volts DC	Yellow	5	E	Yellow	-5 Volts DC
+12 Volts DC	Orange	6	F	Orange	+12 Volts DC
	Key	7	H	Key	
Meter 1	Brown-Red	8	J	Brown	Meter 2
	N/C	9	K	N/C	
Speaker (+)	Red-Gray	10	L	Brown-Gray	Speaker (-)
	N/C	11	M	N/C	
Video Red	Red	12	N	Green	Video Green
Video Blue	Brown	13	P	White	Video Sync
Video Ground	Shield	14	R	White-Gray	Service Switch
Test Switch	Black-Blue	15	S	Black-Green	Tilt Switch
Coin 1	Black-Brown	16	T	Black-Red	Coin 2
Start 1	White	17	U	Violet-White	Start 2
1 Up	White-Black	18	V	Violet-Black	2 Up
1 Down	White-Brown	19	W	Violet-Brown	2 Down
1 Left	White-Red	20	X	Violet-Red	2 Left
1 Right	White-Orange	21	Y	Violet-Orange	2 Right
1 High Punch	White-Yellow	22	Z	Violet-Yellow	2 High Punch
1 Block	White-Green	23	a	Violet-Green	2 Block
1 High Kick	White-Blue	24	b	Violet-Blue	2 High Kick
N/C	White-Violet	25	c	Violet	N/C
	N/C	26	d	N/C	
	N/C	27	e	N/C	
Ground	Black	28	f	Black	Ground

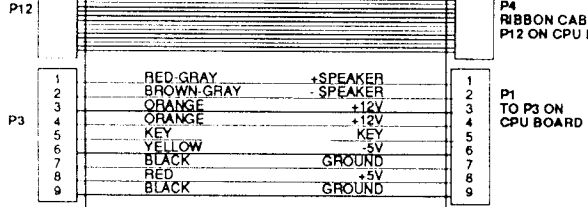
Interboard Wiring Diagram



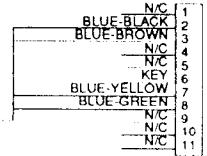
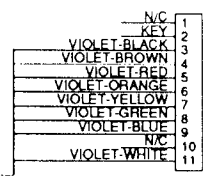
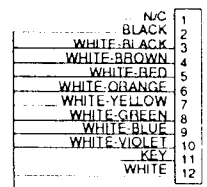
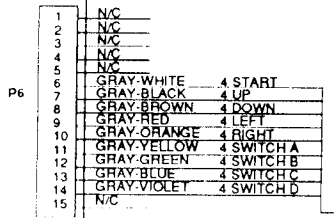
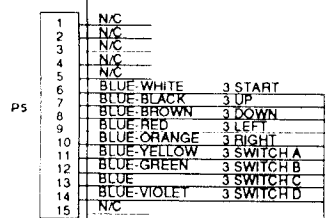
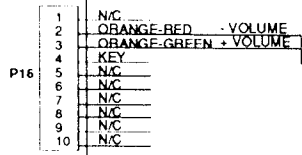
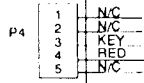
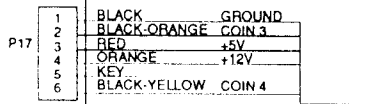
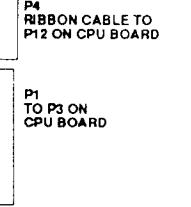
Cabinet Wiring Diagram

NOTE: Red line on ribbon cable must go to pin 1 on both boards. Ribbon cable may need to be twisted to accomplish this.

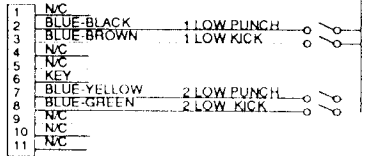
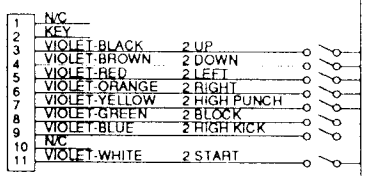
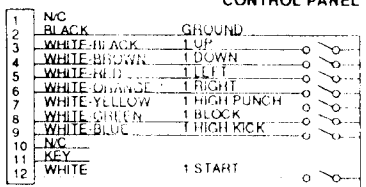
CPU BOARD
A-17266-40029



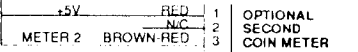
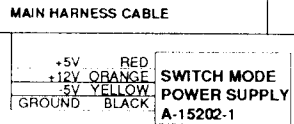
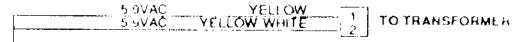
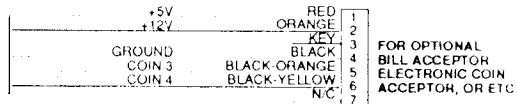
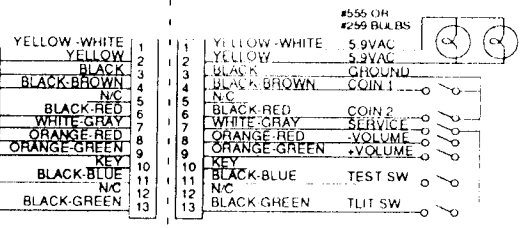
SOUND BOARD
A-17319-40029



CONTROL PANEL



COIN DOOR



FOR OPTIONAL BILL ACCEPTOR, ELECTRONIC COIN ACCEPTOR, OR ETC

TO TRANSFORMER

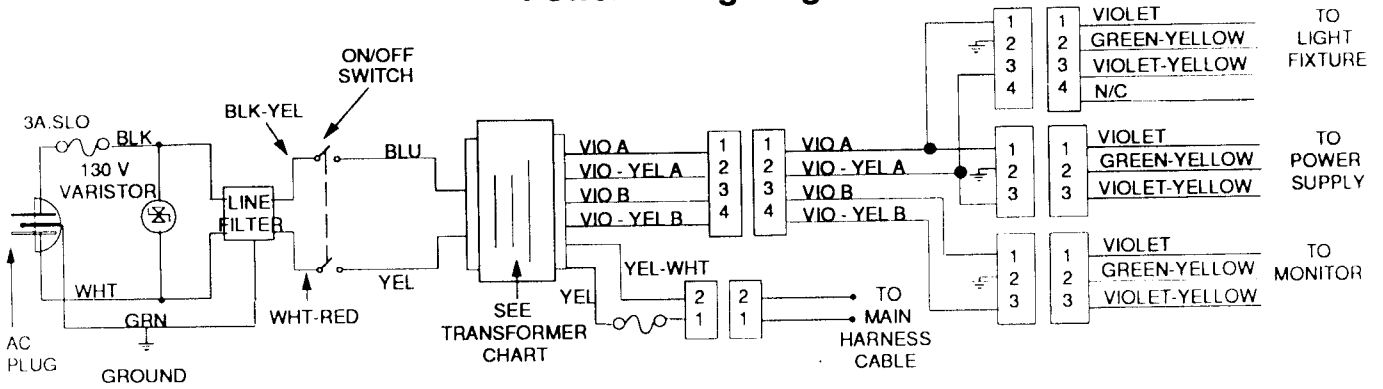
WOOFER
SPEAKER
TWEETER



JAMMA
P1

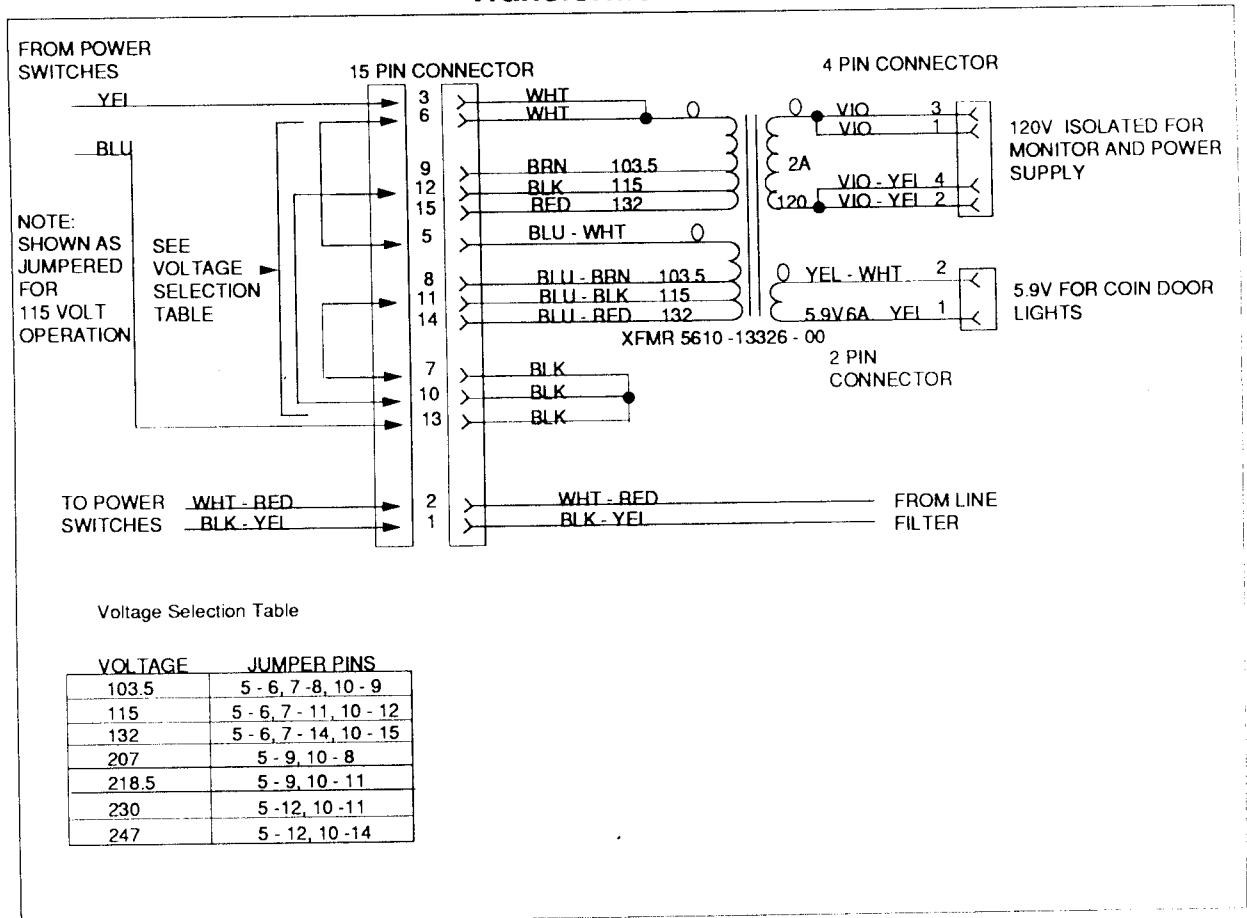
SHIELDED VIDEO CABLE

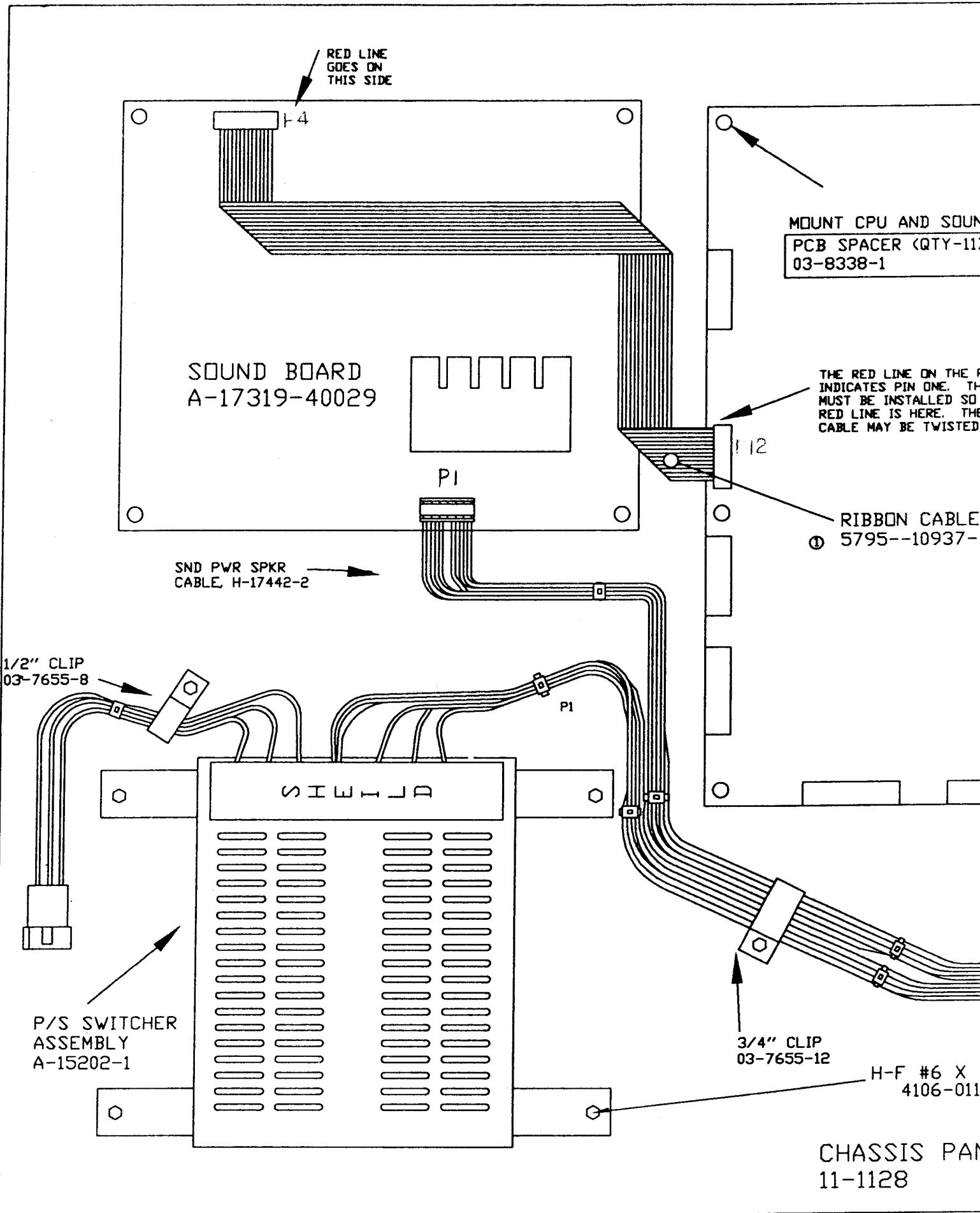
Power Wiring Diagram



NOTE: FOR 230VAC OPERATION:
 1. FUSE IS 2.0A SLOW BLOW.
 2. VARISTOR IS 250V.

Transformer Chart





RED LINE GOES ON THIS SIDE

SOUND BOARD
A-17319-40029

MOUNT CPU AND SOUND BOARD
PCB SPACER (QTY-11)
03-8338-1

THE RED LINE ON THE RIBBON CABLE
INDICATES PIN ONE. THE RIBBON CABLE
MUST BE INSTALLED SO THE
RED LINE IS HERE. THE
CABLE MAY BE TWISTED

RIBBON CABLE
① 5795--10937-

SND PWR SPKR
CABLE, H-17442-2

1/2" CLIP
03-7655-8

P/S SWITCHER
ASSEMBLY
A-15202-1

3/4" CLIP
03-7655-12

H-F #6 X
4106-011

CHASSIS PANEL
11-1128

H-16944-3

TO SPEAKER
CABLE, H-17

1/4" CLIP
03-7655-04

ROUND BOARD WITH THESE.

11) H-F #6 X 3/4 HWH
4106-01115-12

THE RIBBON CABLE
THE CABLE
SO THAT THE
THE RIBBON
NEEDED TO DO THIS.

CPU (T-UNIT) ASSEMBLY A-17266-40029

LE
7-18

SND PWR SPKR
CABLE, H-17442-2

INSTALL CONNECTOR
WITH FERRITE BEAD
ON VIDEO BOARD.

RED (+5V)

PLAYER 3
BLUE WIRES

PLAYER 4

PLAYER 4
GRAY WIRES

SND PWR SPKR
CABLE, H-17442-2

3/4" CLIP HARNESS
03-7655-12

3/4" CLIP
03-7655-8

K 1/2 HWH
01115-08

MAIN HARNESS
CABLE, H-17297-2

3/4" CLIP HARNESS
03-7655-12

PANEL