

FABTEK.



RAIDEN — OWNERS MANUAL



**RAIDEN
JAMMA EDGE CONNECTOR/CABLE**
**56 PIN EDGE CONN. PIN-OUT CHART
(JAMMA-COMPATIBLE)**

COMPONENT SIDE			SOLDER SIDE		
FUNCTION	COLOR	POS	POS	COLOR	FUNCTION
GROUND	BLK	1	A	BLK	GROUND
GROUND	BLK	2	B	BLK	GROUND
+5 VOLTS	RED	3	C	RED	+5 VOLTS
+5 VOLTS	RED	4	D	RED	+5 VOLTS
-5 VOLTS	BRN	5	E	BRN	-5 VOLTS
+12 VOLTS	BLU	6	F	BLU	+12 VOLTS
		7	H		
COIN COUNTER #1	BLU/BRN	8	J	WHT/PUR	COIN COUNTER #2
		9	K		
AUDIO POS +	WHT/BLK	10	L	BLK	AUDIO NEG -
		11	M		
VIDEO RED	RED	12	N	GRN	VIDEO GRN
VIDEO BLU	BLU	13	P	WHT	VIDEO SYNC*
VIDEO GND	BLK	14	R	BRN/WHT	SERVICE SWITCH
	YEL	15	S	WHT/BRN	
COIN INPUT 1	WHT/YEL	16	T	GRN/YEL	COIN INPUT 2
START 1	PNK/BLK	17	U	RED/BLK	START 2
1 P UP	ORG/BLU	18	V	BRN/BLU	2 P UP
1 P DOWN	GRN/ORG	19	W	ORG/WHT	2 P DOWN
1 P LEFT	GRN/BLU	20	X	ORG/GRN	2 P LEFT
1 P RIGHT	RED/YEL	21	Y	WHT/ORG	2 P RIGHT
1 P SHOOT	RED/WHT	22	Z	BRN/BLK	2 P SHOOT
1 P BOMB	WHT/RED	23	a	YEL/WHT	2 P BOMB
	YEL/BLK	24	b	BRN/GRN	
		25	c		
		26	d		
GROUND	BLK	27	e	BLK	GROUND
GROUND	BLK	28	f	BLK	GROUND

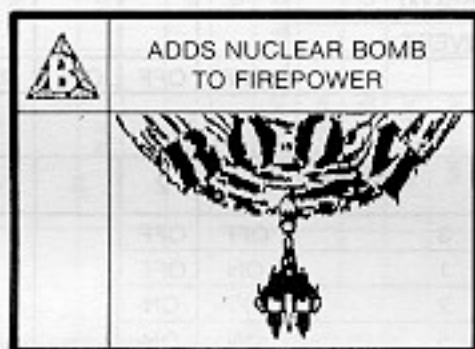
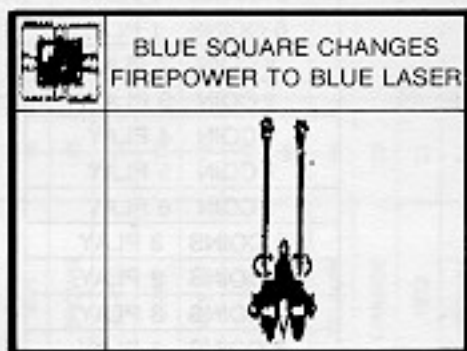
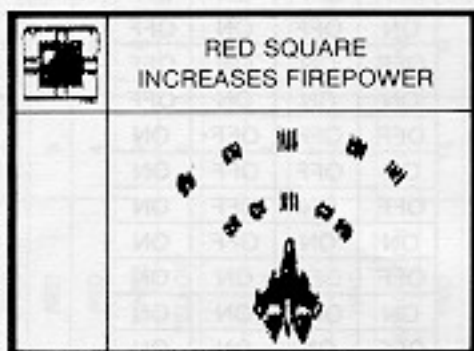
* Video sync composite negative

NOTE: Holding down both 1 & 2 start button, if you power on, you will have test screen of control panel and DIP switch settings. To reset the test screen, power off and on without holding down start buttons.

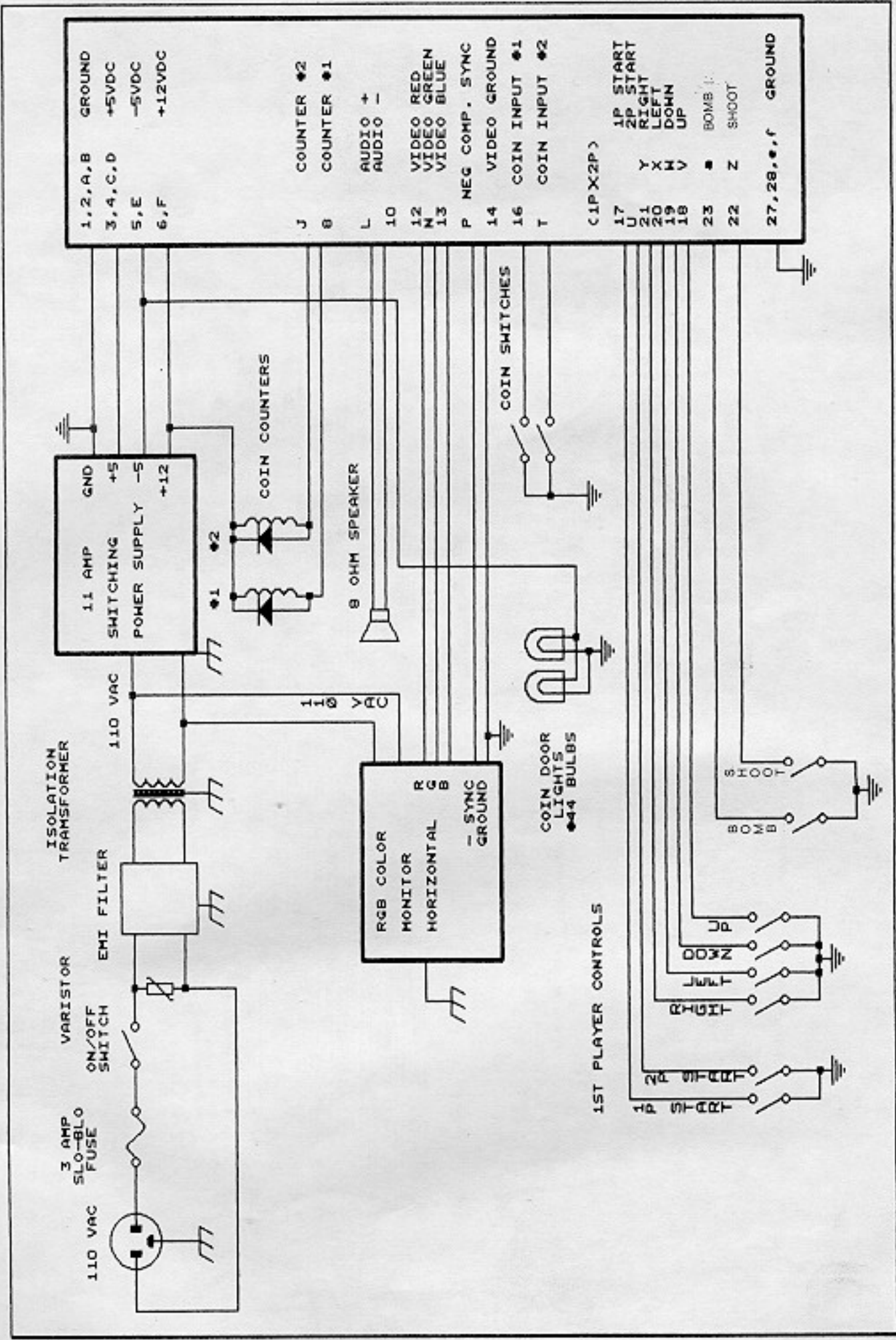
COMPONENT SIDE			SOLDER SIDE		
FUNCTION	COLOR	POS	POS	COLOR	FUNCTION
GROUND	BLK	1	A	BLK	GROUND
GROUND	BLK	2	B	BLK	GROUND
+5 VOLTS	RED	3	C	RED	+5 VOLTS
+5 VOLTS	RED	4	D	RED	+5 VOLTS
-5 VOLTS	WHITE	5	E	WHITE	-5 VOLTS
+12 VOLTS	YELLOW	6	F	YELLOW	+12 VOLTS
KEY		7	H		KEY
COIN COUNTER #1	BRN	8	J		COIN COUNTER #2
COIN LOCK OUT 1	RED	9	K		COIN LOCK OUT 2
SP (+)	WHT	10	L	WHT/BLK	SP (-)
N.C.	BLUE-OPTION	11	M	OP.-BLU/BLACK	N.C.
VIDEO RED	RED	12	N	GRN	VIDEO GRN
VIDEO BLU	BLU	13	P	GRAY	VIDEO SYNC*
VIDEO GND	BLK	14	R	RED/BLACK	SERVICE SWITCH
TEST SW.	BROWN	15	S	OP.-BRN/BLACK	TILT SW.
COIN SW. 1	WHITE	16	T		COIN SW. 2
START 1	GRAY	17	U	WHITE/GRAY	START 2
1 P UP	VIOLET	18	V	WHITE/VIOLET	2 P UP
1 P DOWN	BLUE	19	W	WHITE/BLUE	2 P DOWN
1 P LEFT	GREEN	20	X	WHITE/GREEN	2 P LEFT
1 P RIGHT	YELLOW	21	Y	WHT/YELLOW	2 P RIGHT
1 P PUSH 1	ORANGE	22	Z	WHT/ORANGE	2 P PUSH 1
1 P PUSH 2	RED	23	a	WHT/RED	2 P PUSH 2
1 P PUSH 3	BROWN	24	b	WHT/BROWN	2 P PUSH 3
N.C.	BLUE/WHT	25	c	GREEN/WHT	N.C.
N.C.	RED/WHT	26	d	YELLOW/WHT	N.C.
GROUND	BLK	27	e	BLK	GROUND
GROUND	BLK-OPTION	28	f	BLK-OPTION	GROUND

* Video sync composite negative

Power Up Items



RAIDEN



1, 2, A, B	GROUND
3, 4, C, D	+5VDC
5, E	-5VDC
6, F	+12VDC
J	COUNTER #2
B	COUNTER #1
L	AUDIO +
10	AUDIO -
12	VIDEO RED
N	VIDEO GREEN
13	VIDEO BLUE
P	NEG COMP. SYNC
14	VIDEO GROUND
16	COIN INPUT #1
T	COIN INPUT #2
C1P X2P >	
17	1P START
U	2P START
21	RIGHT
20	LEFT
19	DOWN
18	UP
23	BOMB
22	SHOOT
27, 28, e, f	GROUND