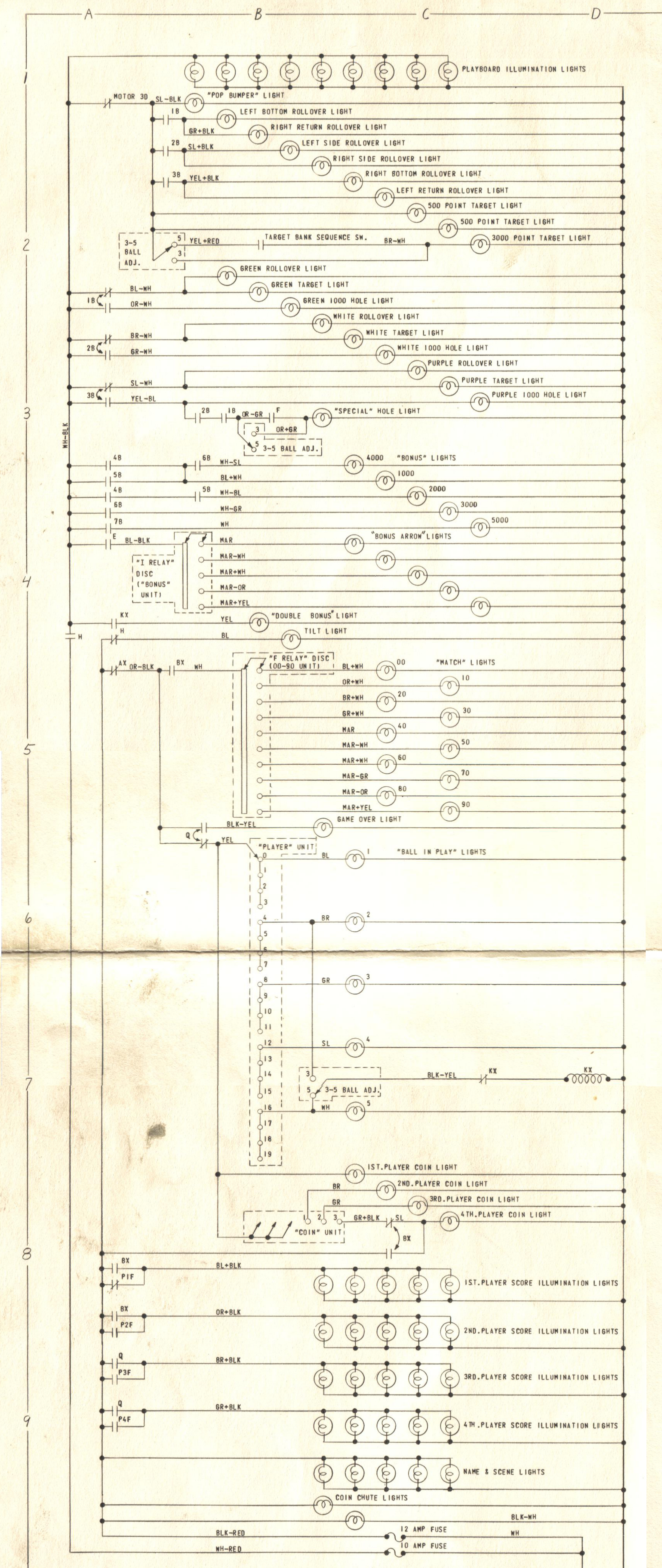

PLAYBOARD ILLUMINATION LIGHTS
"POP BUMPER" LIGHT
LEFT BOTTOM ROLLOVER LIGHT
RIGHT RETURN ROLLOVER LIGHT
LEFT SIDE ROLLOVER LIGHT
RIGHT SIDE ROLLOVER LIGHT
RIGHT BOTTOM ROLLOVER LIGHT
LEFT RETURN ROLLOVER LIGHT
500 POINT TARGET LIGHT
500 POINT TARGET LIGHT
3000 POINT TARGET LIGHT
TARGET BANK SEQUENCE SW.
GREEN ROLLOVER LIGHT
GREEN TARGET LIGHT
GREEN 1000 HOLE LIGHT
WHITE ROLLOVER LIGHT
WHITE TARGET LIGHT
WHITE 1000 HOLE LIGHT
PURPLE ROLLOVER LIGHT
PURPLE TARGET LIGHT
PURPLE 1000 HOLE LIGHT
"SPECIAL" HOLE LIGHT
3-5 BALL ADJ.
"BONUS" LIGHTS
"BONUS ARROW" LIGHTS
"I" RELAY DISC ("BONUS" UNIT)
"DOUBLE BONUS" LIGHT
TILT LIGHT
"F" RELAY DISC (00-90 UNIT)
"MATCH" LIGHTS
GAME OVER LIGHT
"PLAYER" UNIT
"BALL IN PLAY" LIGHTS
1ST.PLAYER COIN LIGHT
2ND.PLAYER COIN LIGHT
3RD.PLAYER COIN LIGHT
4TH.PLAYER COIN LIGHT
"COIN" UNIT
1ST.PLAYER SCORE ILLUMINATION LIGHTS
2ND.PLAYER SCORE ILLUMINATION LIGHTS
3RD.PLAYER SCORE ILLUMINATION LIGHTS
4TH.PLAYER SCORE ILLUMINATION LIGHTS
NAME & SCENE LIGHTS
COIN CHUTE LIGHTS
12 AMP FUSE
10 AMP FUSE

ON LEFT "FLIPPER"
LEFT "FLIPPER"
ON RIGHT "FLIPPER"
RIGHT "FLIPPER"
LEFT "FLIPPER" SW.
RIGHT "FLIPPER" SW.
LEFT "KICKING RUBBER"
RIGHT "KICKING RUBBER"
LEFT "KICKING RUBBER" SW.
RIGHT "KICKING RUBBER" SW.
"POP BUMPER"
ON "POP BUMPER"
"POP BUMPER" SW.
RIGHT SIDE ROLLOVER SW.
RUNWAY SW.
DROP TARGET SWITCHES
KICKING RUBBER SW'S.
10 POINT CONTACTS
TOP GREEN ROLLOVER SW.
GREEN TARGET SW.
TOP WHITE ROLLOVER SW.
WHITE TARGET SW.
TOP PURPLE ROLLOVER SW.
PURPLE ROLLOVER SW.
500 POINT TARGET SW.
3000 POINT TARGET SW.
LEFT BOTTOM ROLLOVER SW.
RIGHT RETURN ROLLOVER SW.
LEFT SIDE ROLLOVER SW.
RIGHT SIDE ROLLOVER SW.
RIGHT BOTTOM ROLLOVER SW.
LEFT RETURN ROLLOVER SW.
TARGET BANK SEQUENCE SW.
"TENS" CHIME
"I" RELAY DISC ("BONUS" UNIT)
"HUNDREDS" CHIME
"THOUSANDS" CHIME
1ST.PLAYER "THOUSANDS" UNIT
2ND.PLAYER "THOUSANDS" UNIT
3RD.PLAYER "THOUSANDS" UNIT
4TH.PLAYER "THOUSANDS" UNIT
POINT SCORE ADJ.
1ST.PLAYER "TEN THOUSANDS" UNIT
2ND.PLAYER "TEN THOUSANDS" UNIT
3RD.PLAYER "TEN THOUSANDS" UNIT
4TH.PLAYER "TEN THOUSANDS" UNIT
"PLAYER" UNIT
KNOCKER
ADD "REPLAY" UNIT
15TH.POS.SW.
2ND.CHUTE RELAY
"F" RELAY DISC (00-90 UNIT)
1ST.PLAYER "TENS" UNIT
2ND.PLAYER "TENS" UNIT
3RD.PLAYER "TENS" UNIT
4TH.PLAYER "TENS" UNIT
"COIN" UNIT
TILT SWITCHES
470 OHM 2 WATT
ADD "PLAYER" UNIT
4TH.PLAYER RESET SWITCHES
3RD.PLAYER RESET SWITCHES
2ND.PLAYER RESET SWITCHES
1ST.PLAYER RESET SWITCHES
HOLE KICKER
BALL RETURN
1ST."TENS" RUNOUT
1ST."HUNDREDS" RUNOUT
1ST."THOUSANDS" RUNOUT
1ST."TEN THOUSANDS" RUNOUT
AX RESET
BX RESET
RESET "COIN" UNIT
ADD "COIN" UNIT
SUBTRACT "REPLAY" UNIT
ZERO POS."REPLAY" UNIT
TOTAL PLAY METER
MOTOR SERVICE JACKS
HOLE SWITCH
TROUGH SWITCH
BALL RETURN SWITCH
REPLAY BUTTON
ANTI-CHEAT SW.
1ST.COIN CHUTE ADJ.
1 COIN 1 PLAY
2ND.CHUTE ADJ.
#1 COIN CHUTE SW.
#2 COIN CHUTE SW.
LIGHTBOX ANTI-CHEAT SW.
COIN LOCKOUT
BOUNCE SWITCH
10 AMP FUSE
B-6163 TRANSFORMER 115V.
B-6091 TRANSFORMER 220V.
ON-OFF SWITCH
4 AMP SLO-BLO FUSE
3 AMP SLO-BLO FUSE
1/2 AMP SLO-BLO FUSE
8 AMP SLO-BLO FUSE
DROP TARGET BANK RESET
SEQUENCE BANK RESET
CONVENIENCE OUTLET
LINE CORD
POWER CONSUMED 150 WATTS

"RELAYS"

INDEX	NO.	COIL NO.	TYPE	CONTACTS	USE
15E	A	A-9738	AG.	1C	BALL RETURN CONTROL RELAY
2E	B	A-9735	AG.	4A	POP BUMPER RELAY
4E	C	A-9735	AG.	3A	500 POINT RELAY
5E	D	A-9735	AG.	3A	3000 POINT RELAY
21E	E	A-9735	AG.	5A	BONUS SCORE RELAY
3E	F	A-489	AS.	2A,2 DISC	00-90 UNIT RELAY
20E	G	A-9735	AG.	8A	HOLE RELAY
13E	H	A-9738	AG.	1A,1B,1C	TILT HOLD RELAY
16E	I	A-489	AS.	2A,2 DISC	BONUS UNIT RELAY
16E	J	A-6698	AS.	1A	DOUBLE BONUS SCORE CONTROL RELAY
8E	L	A-9735	AG.	5A	1000 POINT RELAY
6E	M	A-9735	AG.	4A	100 POINT RELAY
3E	N	A-9735	AG.	5A	10 POINT RELAY
20E	O	A-9735	AG.	7A,1B	BALL RETURN RELAY
20E	P	A-9735	AG.	4A,1B	ADD PLAYER UNIT RELAY
13E	Q	A-9740	AG.	3A,2B,1C	GAME OVER RELAY
21E	R	A-9738	AG.	1A,2B,1C	HOLD RELAY
21E	S	A-9740	AG.	6A	START RELAY
13E	T	A-9742	AG.	1B	TILT RELAY
13E	U	A-9740	AG.	4A,1B,1C	1ST.BALL RELAY
21E	V	A-9740	AG.	2A	REPLAY BUTTON RELAY
21E	W	A-9740	AG.	2A,1B,1C	2ND.CHUTE RELAY
5E	X	A-9735	AG.	2A,4B	DROP TARGET RELAY
14E	Z1	A-9735	AG.	8A,1B	1ST.& 2ND.PLAYER RESET RELAY
14E	Z2	A-9735	AG.	8A,1B	3RD.& 4TH.PLAYER RESET RELAY
19E	AX	A-9735	INTER	1A,4B,2C	RESET COMPLETED RELAY
19E	AXR	A-5662	LOCK		
15E	BX	A-9735	INTER	4A,2B,1C	LAST BALL RELAY
19E	BXR	A-5662	LOCK		
2E	EX	A-489		1A	BALL GATE RELAY
7D	KX	A-9735	INTER	1A,1B,1C	DOUBLE BONUS RELAY
19E	KXR	A-9746	LOCK		

"SEQUENCE" BANK

INDEX	NO.	COIL NO.	CONTACTS	USE
3E	1B	A-1118	4A,1B,2C	GREEN JOKER RELAY
3E	2B	A-1118	4A,1B,2C	WHITE JOKER RELAY
3E	3B	A-1118	3A,1B,2C	PURPLE JOKER RELAY
2E	4B	A-1118	6A,1B	2 JACKS RELAY
2E	5B	A-1118	6A,1B	2 KINGS RELAY
2E	6B	A-1118	5A,1B	3 QUEENS RELAY
2E	7B	A-1118	3A,1B	ROYAL FLUSH RELAY
16E	8B	A-1118	2B	4TH.POS.BONUS UNIT RELAY

"OTHER COILS USED"

INDEX	COIL NO.	DESCRIPTION
1E	A-5141	FLIPPER COILS
1E	A-5194	KICKING RUBBER COILS
2E	A-4893	POP BUMPER COIL
5E	A-5195	TENS CHIME COIL
7E	A-5195	HUNDREDS CHIME COIL
8E	A-5195	THOUSANDS CHIME COIL
11E	A-5194	KNOCKER
11E	A-5194	ADD REPLAY UNIT COIL
20E	A-5194	SUBTRACT REPLAY UNIT COIL
14E	A-5194	ADD PLAYER UNIT COIL
16E	A-5194	HOLE KICKER COIL
16E	A-1496	BALL RETURN COIL
16-19E	A-15259	SCORING UNIT COILS
20E	A-5194	ADD COIN UNIT COIL
20E	A-5194	RESET COIN UNIT COIL
22E	A-9736	COIN LOCKOUT COIL
22I	A-15555	TARGET BANK RESET COILS 60 HZ.
	A-9479	TARGET BANK RESET COILS 50 HZ.
22I	A-9479	SEQUENCE BANK RESET COIL

"WORD ABBREVIATIONS"

ADJ. = ADJUSTMENT
POS. = POSITION
RO. = ROLLOVER
SEQ. = SEQUENCE
SUBT. = SUBTRACT
SW. = SWITCH

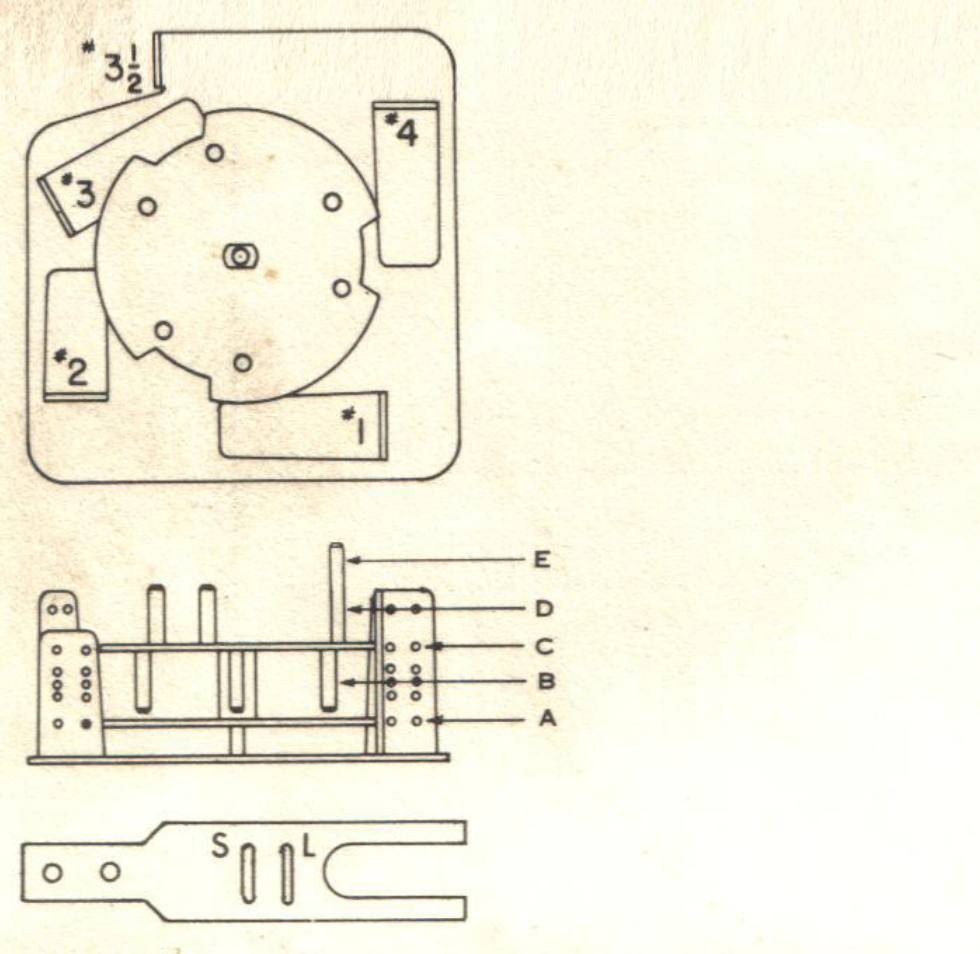
"COLOR CODE ABBREVIATIONS"

BL = BLUE
OR = ORANGE
BR = BROWN
BLK = BLACK
GR = GREEN
SL = SLATE
YEL = YELLOW
WH = WHITE
MAR = MAROON
PUR = PURPLE

EXAMPLE:
BL-WH = BLUE WITH A WHITE TRACER.
BL+WH = BLUE AND WHITE MOTTLED.

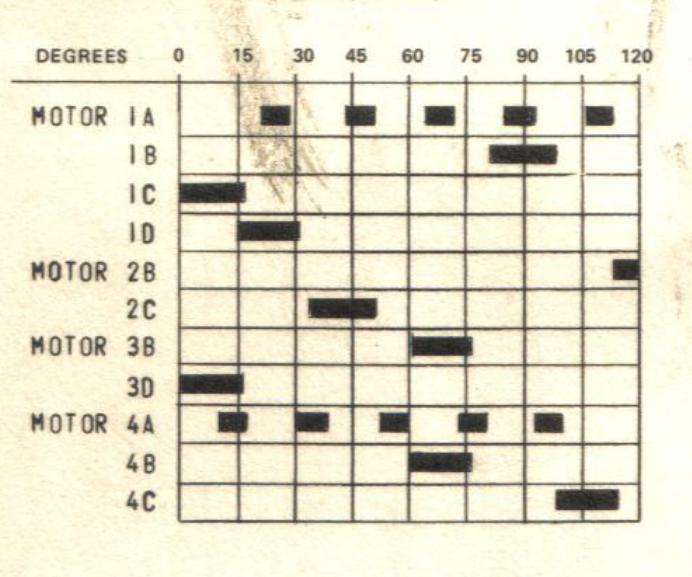
NOTE: DUE TO CIRCUMSTANCES BEYOND OUR CONTROL IT MAY BE NECESSARY TO SUBSTITUTE WIRES OF DIFFERENT COLORS.

MOTOR SWITCH POSITIONS

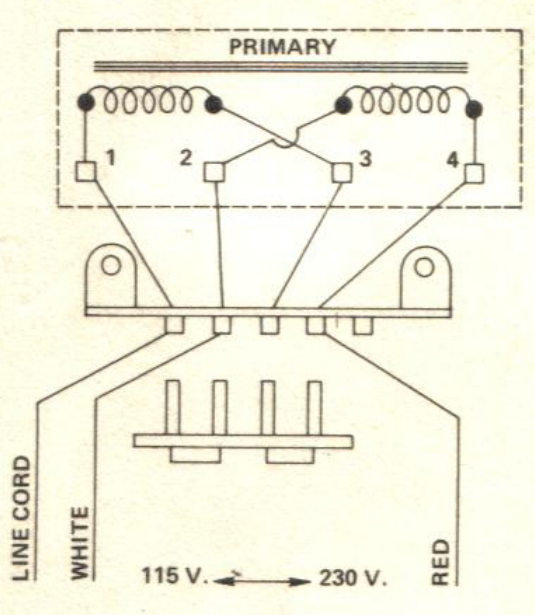

#3½
#4
#3
#2
#1
E
D
C
B
A
S
L

POSITION	A	B	C	D	E
#1	4A "S" POS.	1A,2B	1A,4B "S" POS.	2A	
#2		2B	4A,2B "L" POS.		
#3		1A,1B		1B	
#3½					
#4	1A "S" POS.	1A,1B	3A,2B "S" POS.		

MOTOR SEQUENCE CHART
(1/3 REVOLUTION)



NOTE:
CIRCUIT IS SHOWN WITH MACHINE RESET,READY FOR 1ST.PLAYER TO SHOOT 1ST.BALL AND LINE CORD UNPLUGGED.


PRIMARY
1
2
3
4
LINE CORD
WHITE
115 V.
230 V.
RED

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165 W. Lake Street Northlake, Illinois 60164

#16

ROYAL FLUSH

RHM-3-11-76-373