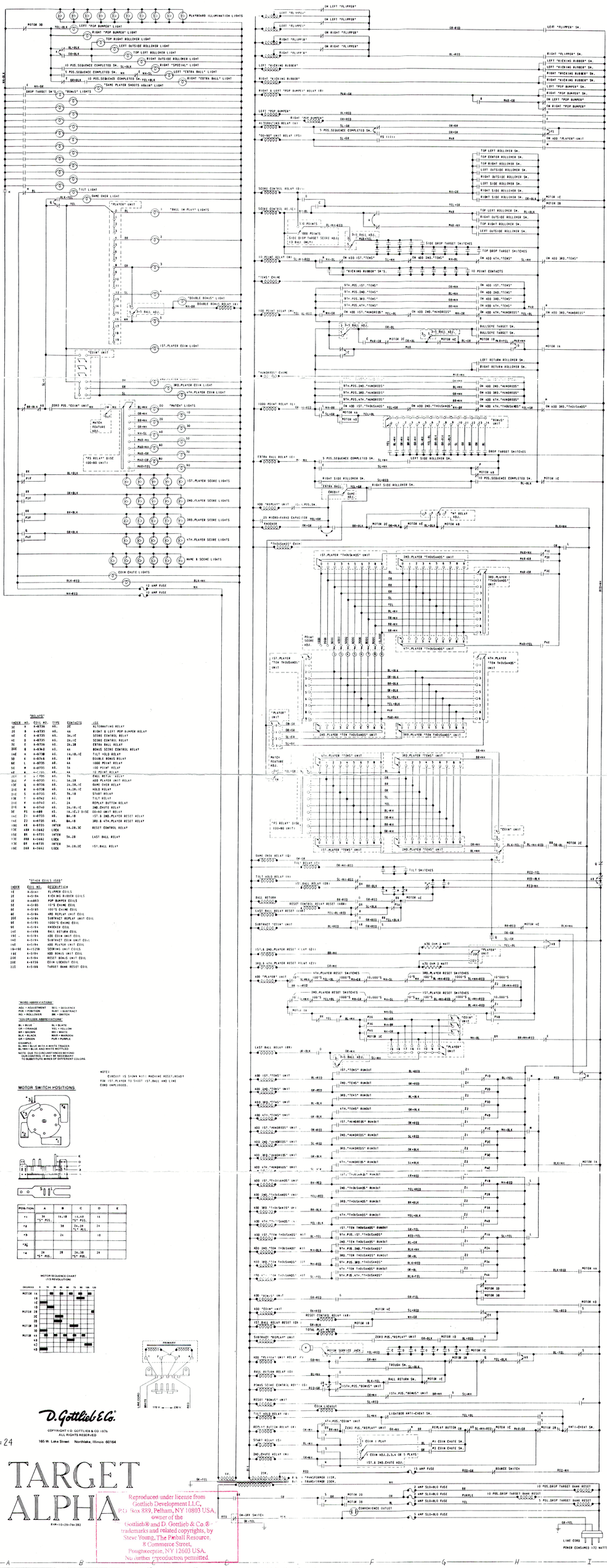

"RELAYS"

INDEX	COIL NO.	TYPE	CONTACTS	USE
3E	A-9738	AG.	2C	ALTERNATING RELAY
3F	A-9735	AG.	4A	RIGHT & LEFT POP BUMPER RELAY
4E	C	A-9735	AG.	3A,1C	SCORE CONTROL RELAY
4E	D	A-9735	AG.	2A,1C	SCORE CONTROL RELAY
7E	E	A-9738	AG.	2A,2B	EXTRA BALL RELAY
20E	G	A-9740	AG.	4A	BONUS SCORE CONTROL RELAY
14E	H	A-9738	AG.	1A,1B,1C	TILT HOLD RELAY
5D	K	A-9748	AG.	1B	DOUBLE BONUS RELAY
6E	L	A-9735	AG.	4A	1000 POINT RELAY
5E	M	A-9735	AG.	5A	100 POINT RELAY
4E	N	A-9735	AG.	4A	10 POINT RELAY
20E	O	A-9735	AG.	3A	BALL RETURN RELAY
20E	P	A-9735	AG.	5A,2B	ADD PLAYER UNIT RELAY
13E	Q	A-9738	AG.	2A,2B,1C	GAME OVER RELAY
21E	R	A-9738	AG.	1A,2B,1C	HOLD RELAY
21E	S	A-9735	AG.	7A,1B	START RELAY
13E	T	A-9742	AG.	1B	TILT RELAY
21E	V	A-9740	AG.	2A	REPLAY BUTTON RELAY
21E	W	A-9740	AG.	2A,1B,1C	2ND.CHUTE RELAY
3E	FS	A-488	AG.	1A,1C,2 DISC	00-90 UNIT 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	AR	A-9735	INTER	1A,2B,3C	RESET CONTROL RELAY
13E	ARR	A-5662	LOCK		
15E	BR	A-9735	INTER	5A,2B	LAST BALL RELAY
13E	BRR	A-5662	LOCK		
13E	DR	A-9735	INTER	3A,2B,2C	1ST.BALL RELAY
19E	DRR	A-5662	LOCK		

"OTHER COILS USED"

INDEX	COIL NO.	DESCRIPTION
1E	A-5141	FLIPPER COILS
2E	A-5194	KICKING RUBBER COILS
2E	A-4893	POP BUMPER COILS
5E	A-5195	10'S CHIME COIL
6E	A-5195	100'S CHIME COIL
6E	A-5194	ADD REPLAY UNIT COIL
20E	A-5194	SUBTRACT REPLAY UNIT COIL
9E	A-5195	1000'S CHIME COIL
9E	A-5194	KNOCKER COIL
14E	A-1498	BALL RETURN COIL
19E	A-5194	ADD COIN UNIT COIL
14E	A-5194	SUBTRACT COIN UNIT COIL
14E	A-5194	ADD PLAYER UNIT COIL
19-15E	A-15238	SCORING UNIT COILS
19E	A-5194	ADD BONUS UNIT COIL
20E	A-5194	RESET BONUS UNIT COIL
20E	A-5194	COIN LOCKOUT COIL
22E	A-5196	TARGET BANK RESET COIL

"WORD ABBREVIATIONS"

ADD - ADJUSTMENT
POR - POSITION
RO - ROLLOVER
SEQ - SEQUENCE
SUBT - SUBTRACT
SW - SWITCH

"COLOR CODE ABBREVIATIONS"

BL - BLUE
OR - ORANGE
BR - BROWN
BLK - BLACK
GR - GREEN
BL - BLUE
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 CIRCUIT ANCES BEYOND OUR CONTROL IT MAY BE NECESSARY TO SUBSTITUTE WIRES OF DIFFERENT COLORS

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

MOTOR SWITCH POSITIONS

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

MOTOR SEQUENCE CHART (1/3 REVOLUTION)

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TARGET ALPHA

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