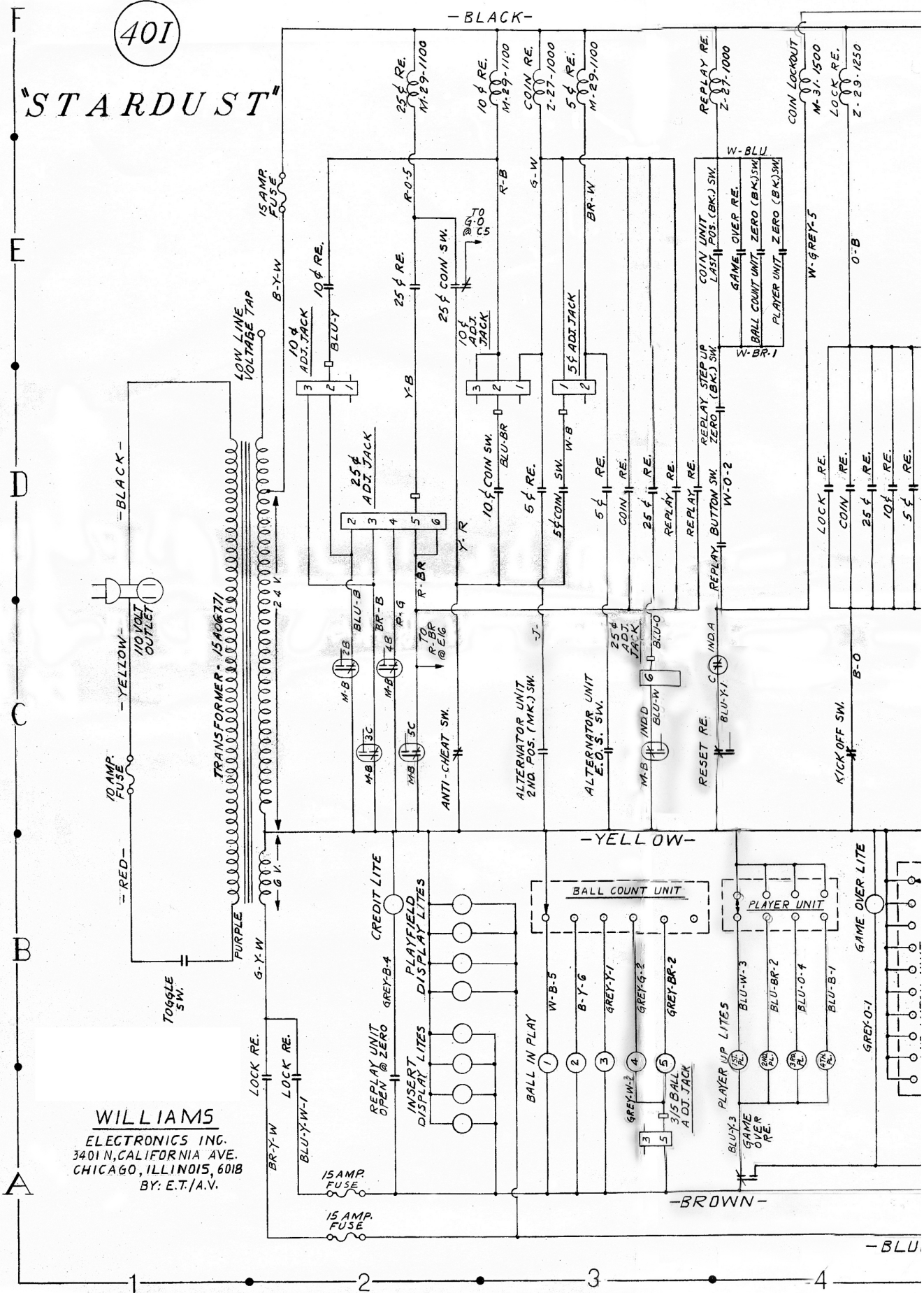


401

'STARDUST'

- BLACK -

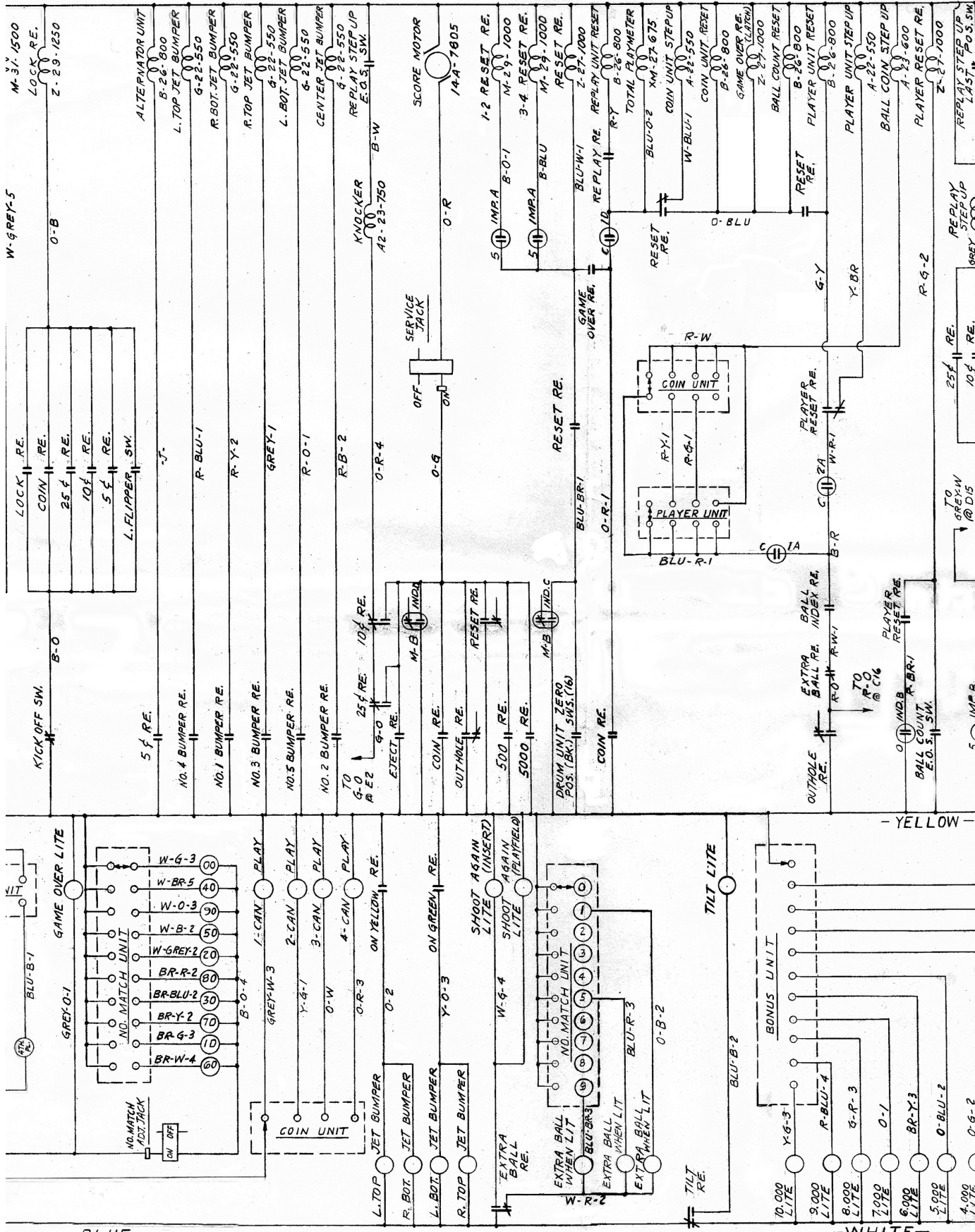
WILLIAMS
ELECTRONICS INC.
3401 N. CALIFORNIA AVE.
CHICAGO, ILLINOIS, 60618
BY: E.T./A.V.



- YELLOW -

- BROWN -

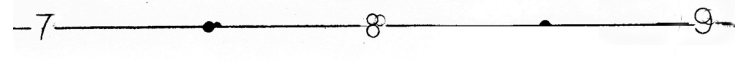
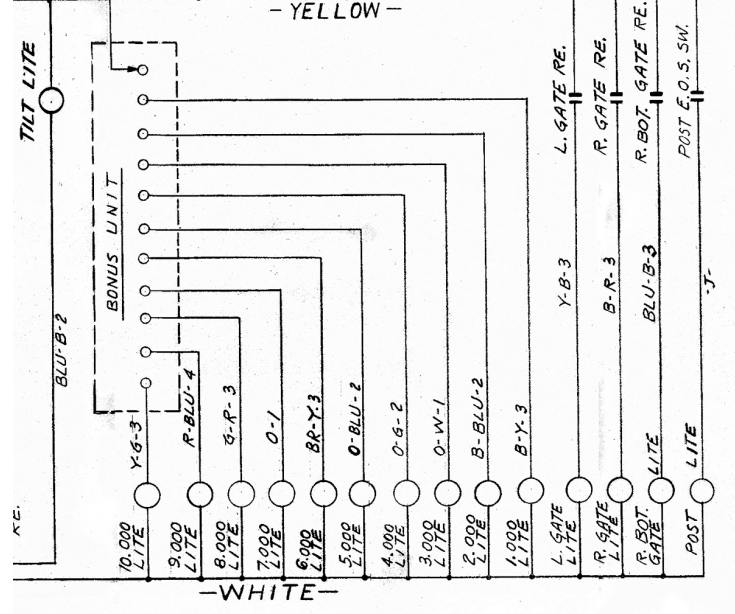
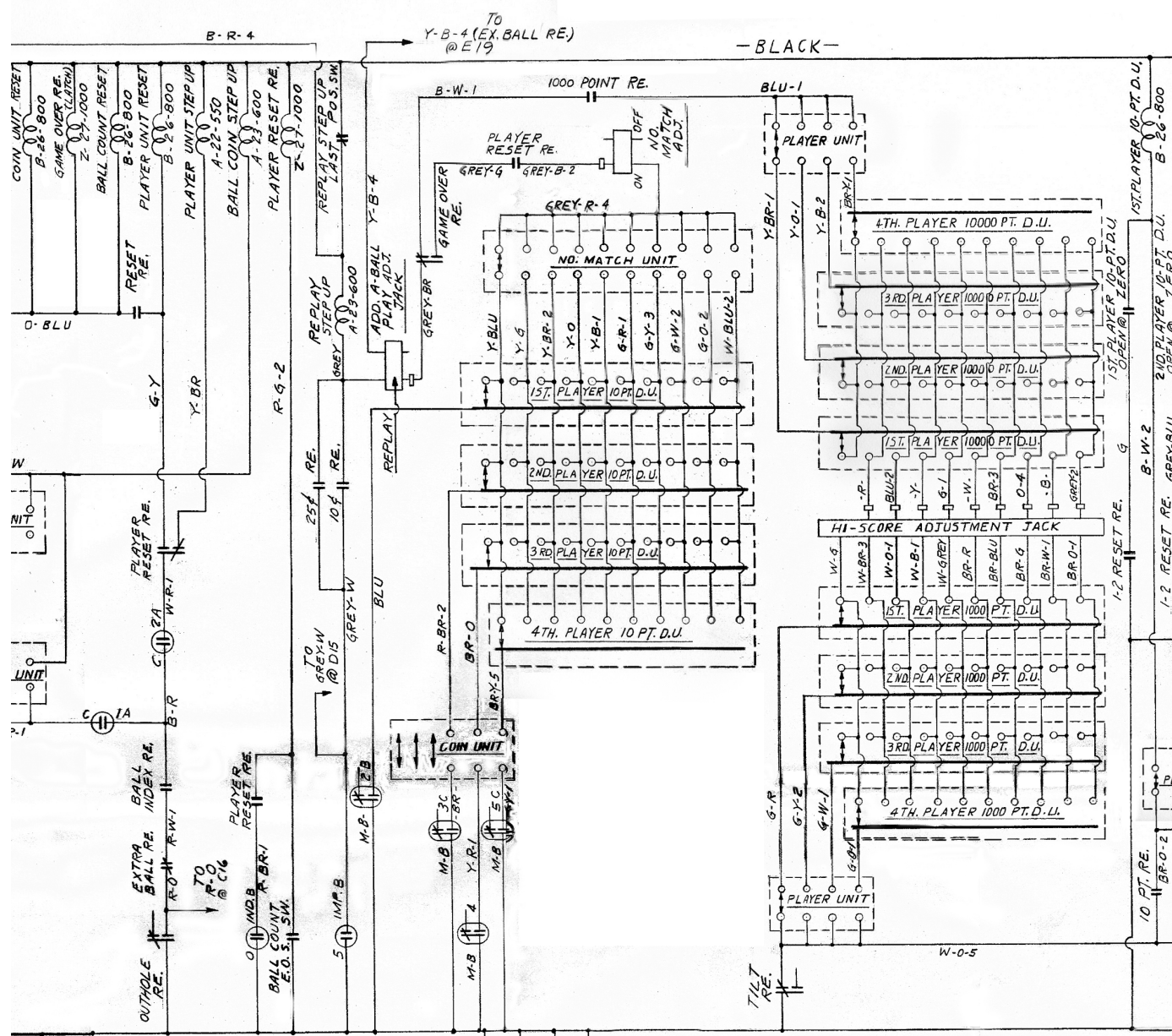
- BLU.

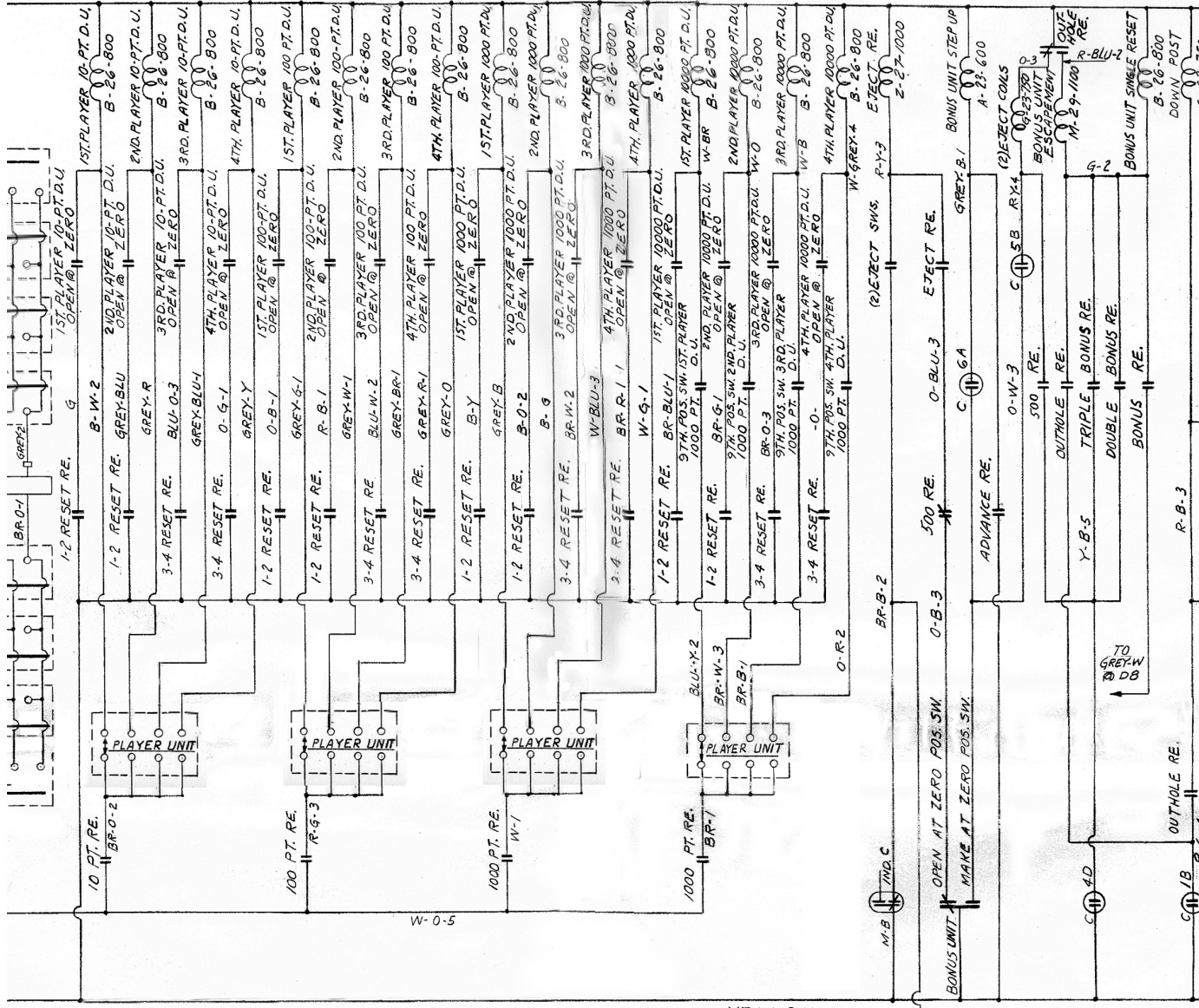


- BLUE -

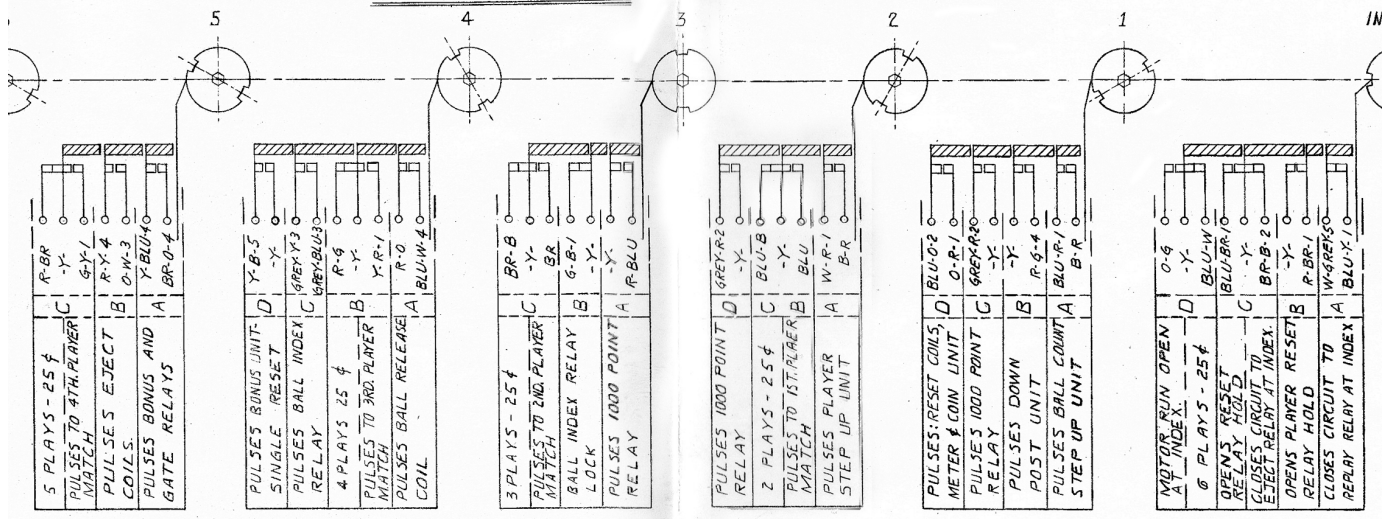
- WHITE -

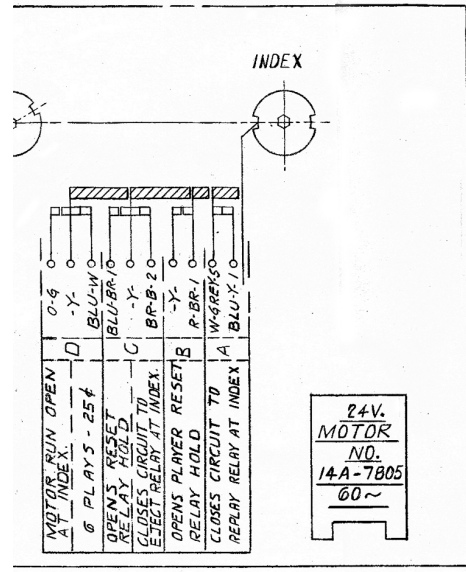
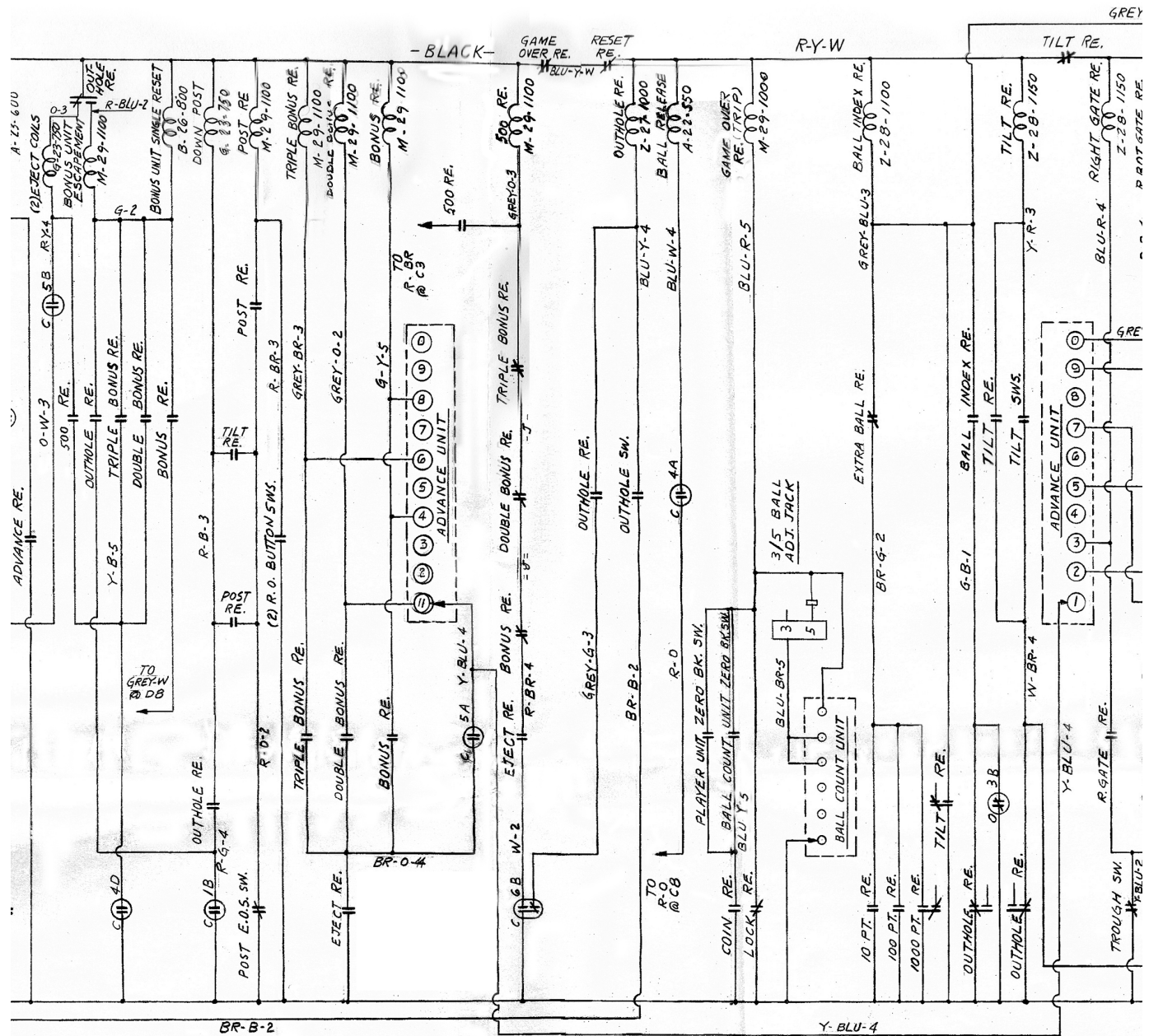
- YELLOW -





SCORE MOTOR



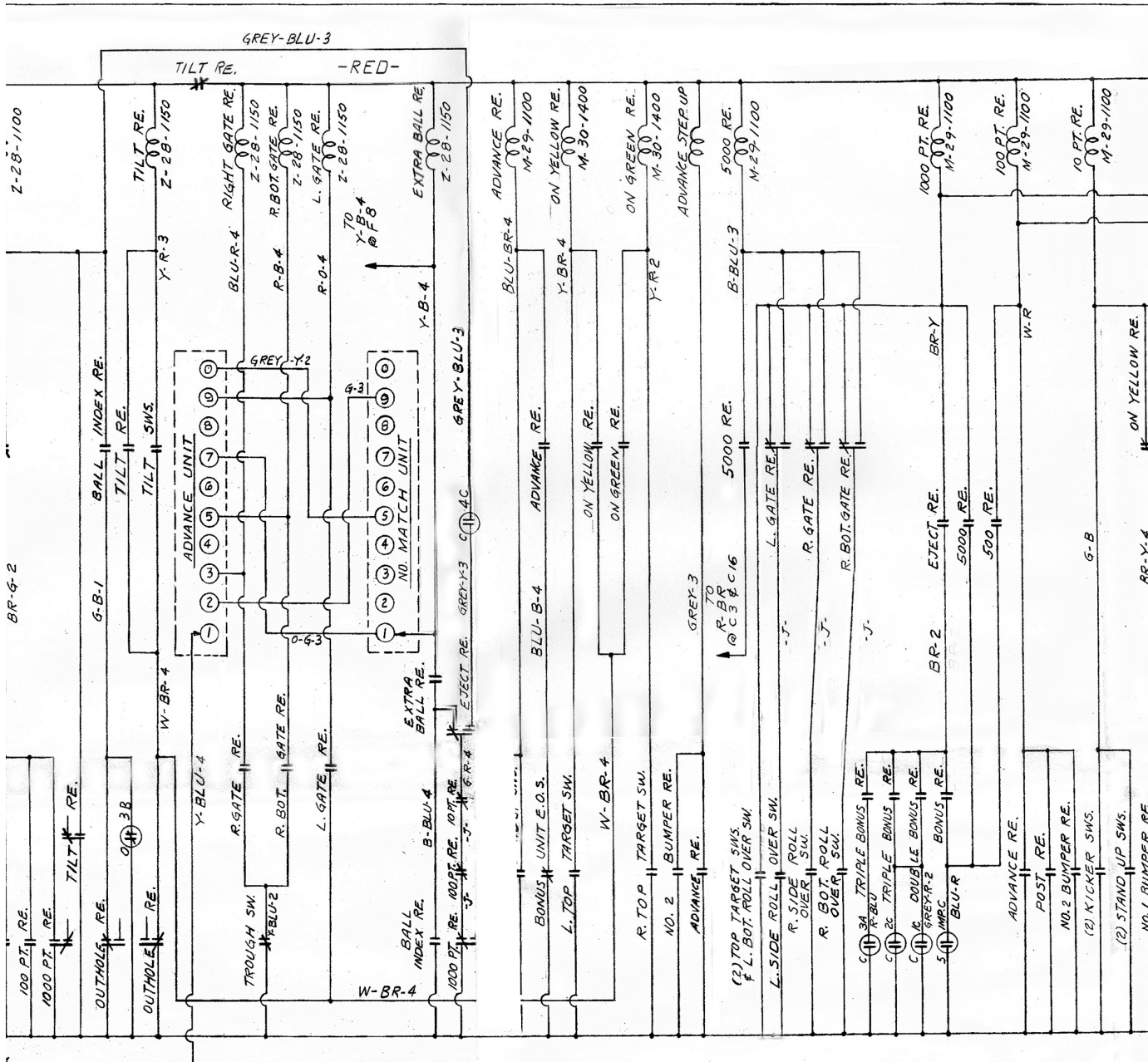


ABBREVIATIONS

ADJ.	ADJUSTMENT	R.D.	ROLL DIER
ADV.	ADVANCE	S.U.	STEP UP
ALT.	ALTERNATOR	SW.	SWITCH
AMP.	AMPERE	SWS.	SWITCHES
BOT.	BOTTOM	V.	VDLT
BK.	BREAK		
C	CLOSE		
CENT.	CENTER		
D.U.	DRUM UNIT		
E.O.S.	END OF STROKE		
EX.	EXTRA		
IMP.	IMPULSE		
IND.	INDEX		
J	JUMPER		
L.	LEFT		
MK.	MAKE		
M.B.	MAKE BREAK		
NO.	NUMBER		
O	OPEN		
PT.	POINT		
POS.	POSITION		
PL.	PLAYER		
R.	RIGHT		
RE.	RELAY		
R.P.	REPLAY		

COIL LOCATION

ADVANCE STEP UP	F20	L
ALTERNATOR UNIT	F5	L
BALL COUNT RESET	F7	L
BALL COUNT STEP UP	F8	N
BALL RELEASE	F17	P
BONUS UNIT ESCAPEMENT	F14	P
BONUS UNIT SINGLE RESET	F15	R
BONUS UNIT STEP UP	F14	R
CENTER JET BUMPER	F5	R
COIN LOCKOUT	F4	R
COIN UNIT RESET	F7	R
COIN UNIT STEP UP	F7	R
DOWN POST	F15	Z
EJECT COILS (2)	F14	Z
1ST. PLAYER 10 POINT D.U.	F11	Z
1ST. PLAYER 100 POINT D.U.	F12	Z
1ST. PLAYER 1000 POINT D.U.	F12	Z
1ST. PLAYER 10,000 POINT D.U.	F13	Z
4TH. PLAYER 10 POINT D.U.	F12	Z
4TH. PLAYER 100 POINT D.U.	F12	Z
4TH. PLAYER 1000 POINT D.U.	F13	Z
4TH. PLAYER 10,000 POINT D.U.	F14	Z
KNOCKER	F5	
LARGE BELL	F23	
LEFT BOTTOM JET BUMPER	F5	



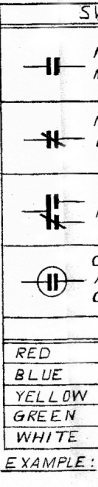
COIL LOCATION

ADVANCE STEP UP	F20	LEFT FLIPPER	F24
ALTERNATOR UNIT	F5	LEFT KICKER	F24
BALL COUNT RESET	F7	LEFT TOP JET BUMPER	F5
BALL COUNT STEP UP	F8	NO. MATCH UNIT	F24
BALL RELEASE	F17	PLAYER UNIT RESET	F7
BONUS UNIT ESCAPEMENT	F14	PLAYER UNIT STEP UP	F8
BONUS UNIT SINGLE RESET	F15	REPLAY STEP UP	F8
BONUS UNIT STEP UP	F14	REPLAY UNIT RESET	F7
CENTER JET BUMPER	F5	RIGHT BOTTOM JET BUMPER	F5
COIN LOCKOUT	F4	RIGHT FLIPPER	F24
COIN UNIT RESET	F7	RIGHT KICKER	F24
COIN UNIT STEP UP	F7	RIGHT TOP JET BUMPER	F5
DOWN POST	F15	2ND. PLAYER 10 POINT D.U.	F11
EJECT COILS (2)	F14	2ND. PLAYER 100 POINT D.U.	F12
1ST. PLAYER 10 POINT D.U.	F11	2ND. PLAYER 1000 POINT D.U.	F13
1ST. PLAYER 100 POINT D.U.	F12	2ND. PLAYER 10,000 POINT D.U.	F13
1ST. PLAYER 1000 POINT D.U.	F12	UP POST	F24
1ST. PLAYER 10,000 POINT D.U.	F13	3RD. PLAYER 10 POINT D.U.	F11
4TH. PLAYER 10 POINT D.U.	F12	3RD. PLAYER 100 POINT D.U.	F12
4TH. PLAYER 100 POINT D.U.	F12	3RD. PLAYER 1000 POINT D.U.	F13
4TH. PLAYER 1000 POINT D.U.	F13	3RD. PLAYER 10,000 POINT D.U.	F13
4TH. PLAYER 10,000 POINT D.U.	F14	TOTAL PLAYMETER	F7
KNOCKER	F5		
LARGE BELL	F23		
LEFT BOTTOM JET BUMPER	F5		

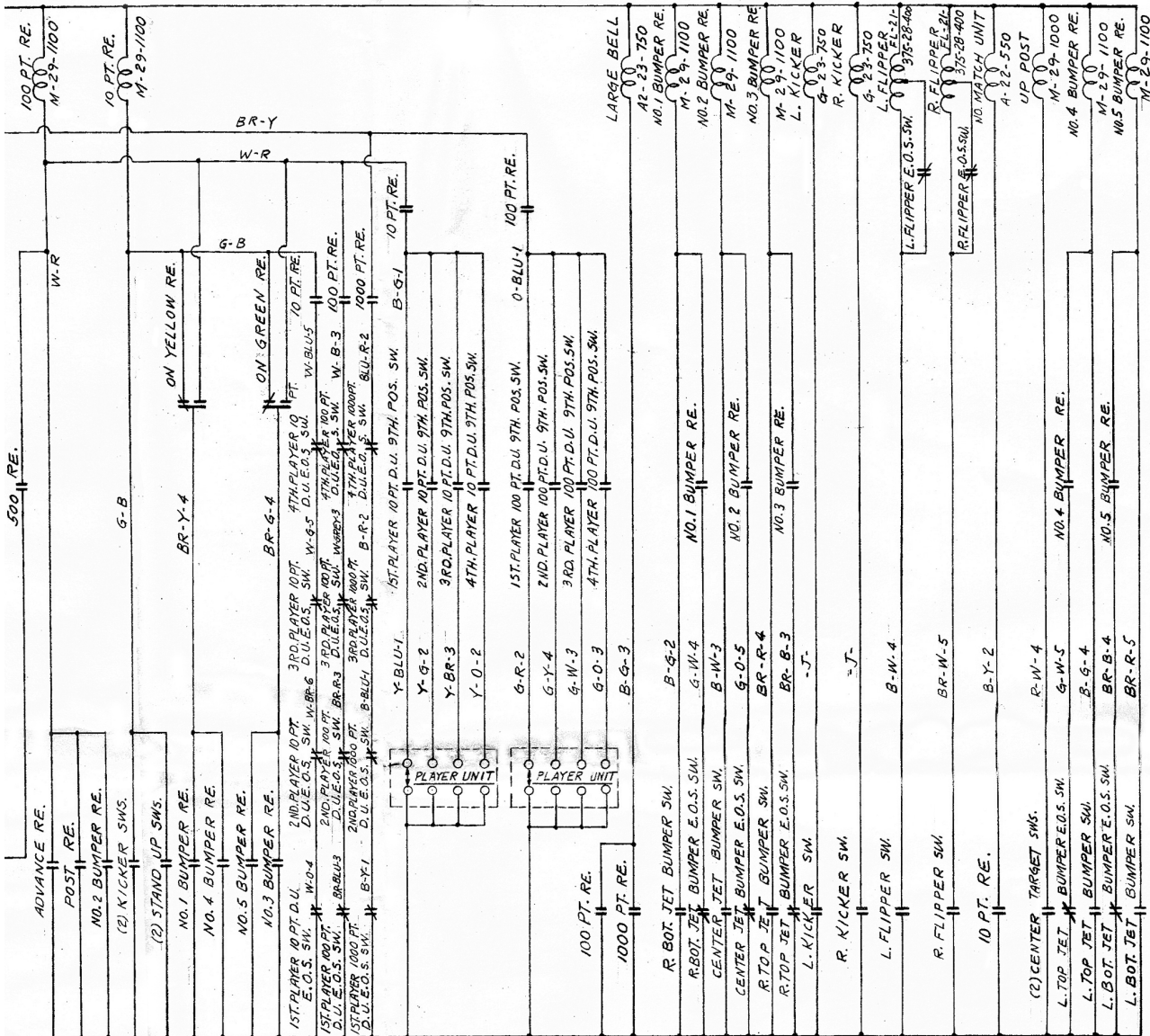
RELAY COIL LOCATION

ADVANCE RE.	F19	POST RE.	F15
BALL INDEX RE.	F17	REPLAY RE.	F4
BONUS RE.	F15	RESET RE.	F6
COIN RE.	F3	RIGHT GATE RE.	F18
DOUBLE BONUS RE.	F15	RIGHT BOTTOM GATE RE.	F18
EJECT RE.	F14	10 & RE.	F3
EXTRA BALL RE.	F19	10 POINT RE.	F21
5 & RE.	F3	1000 POINT RE.	F21
500 RE.	F16	TILT RE.	F18
5000 RE.	F20	3-4 RESET RE.	F6
GAME OVER RE. (LATCH)	F7	TRIPLE BONUS RE.	F15
GAME OVER RE. (TRIP)	F17	25 & RE.	F2
100 POINT RE.	F21		
LEFT GATE RE.	F18		
LOCK RE.	F4		
NO. 1 BUMPER RE.	F23		
NO. 2 BUMPER RE.	F23		
NO. 3 BUMPER RE.	F23		
NO. 4 BUMPER RE.	F24		
NO. 5 BUMPER RE.	F24		
ON GREEN RE.	F20		
ON YELLOW RE.	F19		
1-2 RESET RE.	F6		
OUTHOLE RE.	F16		
PLAYER RESET RE.	F8		

ALL INTERLOCK RELAYS ARE SHOWN IN LATCHED POSITION.



- RED -



- YELLOW -

- F15
- F4
- F6
- F1B
- F1B
- F3
- F21
- F21
- F1B
- F6
- F1B
- F2

SWITCH SYMBOLS			
	NORMALLY OPEN SWITCH MAKES WHEN ACTUATED.		
	NORMALLY CLOSED SWITCH OPENS WHEN ACTUATED.		
	MAKE BREAK SWITCH.		
	CIRCLE INDICATES SWITCH ACTUATED BY A MOTOR CAM.		
WIRE COLOR CODE			
RED	R	BROWN	BR
BLUE	BLU	ORANGE	O
YELLOW	Y	BLACK	B
GREEN	G	GREY	GREY
WHITE	W		

SCORE MOTOR	14A7805	60~
SCORE MOTOR	14A7806	50~
TRANSFORMER	15A6771	60~
TRANSFORMER	15A6782-1	50~

EXAMPLE: W-R - INDICATES WHITE WIRE WITH A RED TRACER.
 W-R-I - INDICATES WHITE WIRE WITH A RED TRACER AND USED A SECOND TIME.