

Williams
ELECTRONICS INC.
 3401 No. California Avenue
 CHICAGO 60618 ILLINOIS

PADDOCK

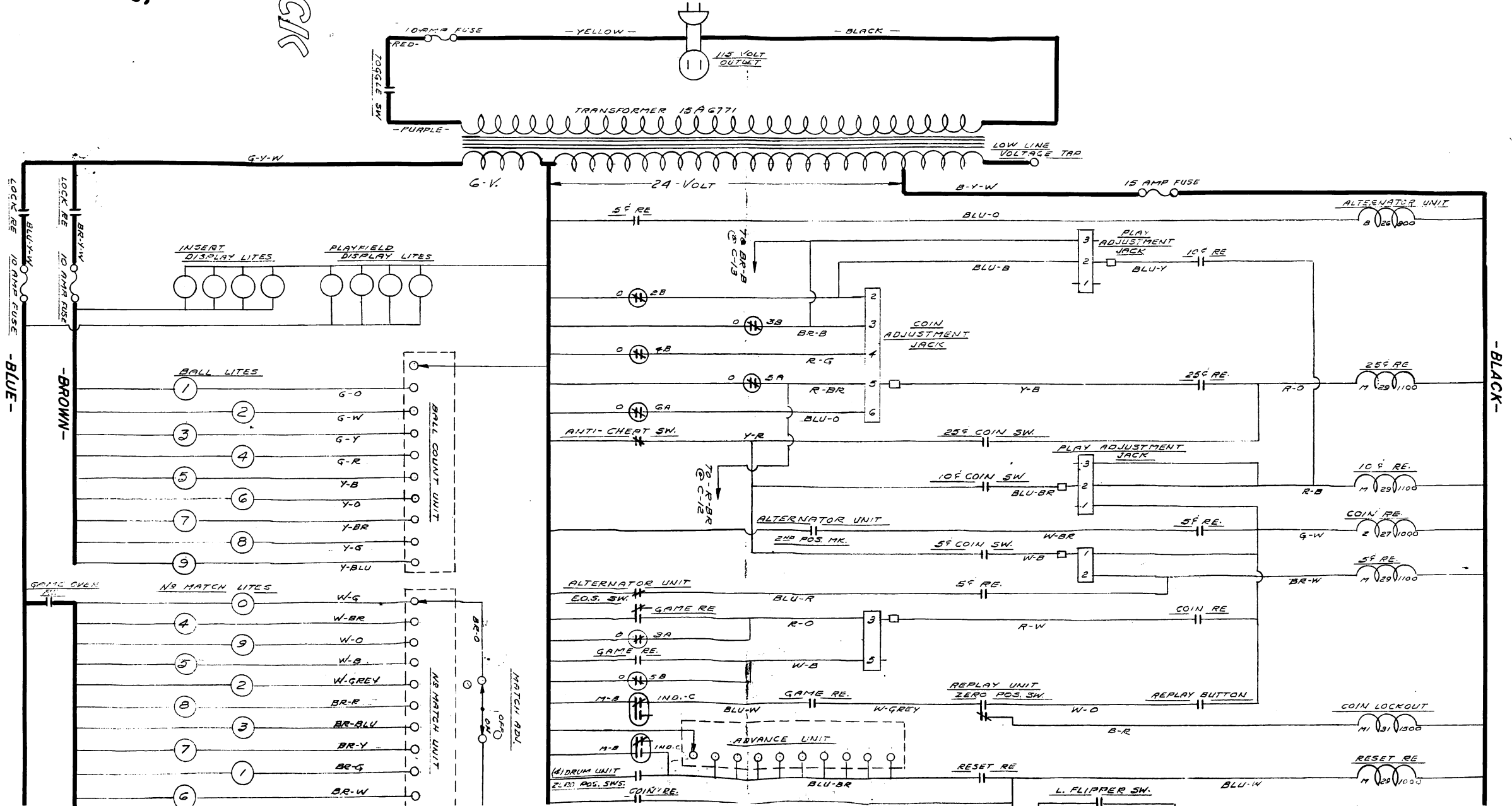
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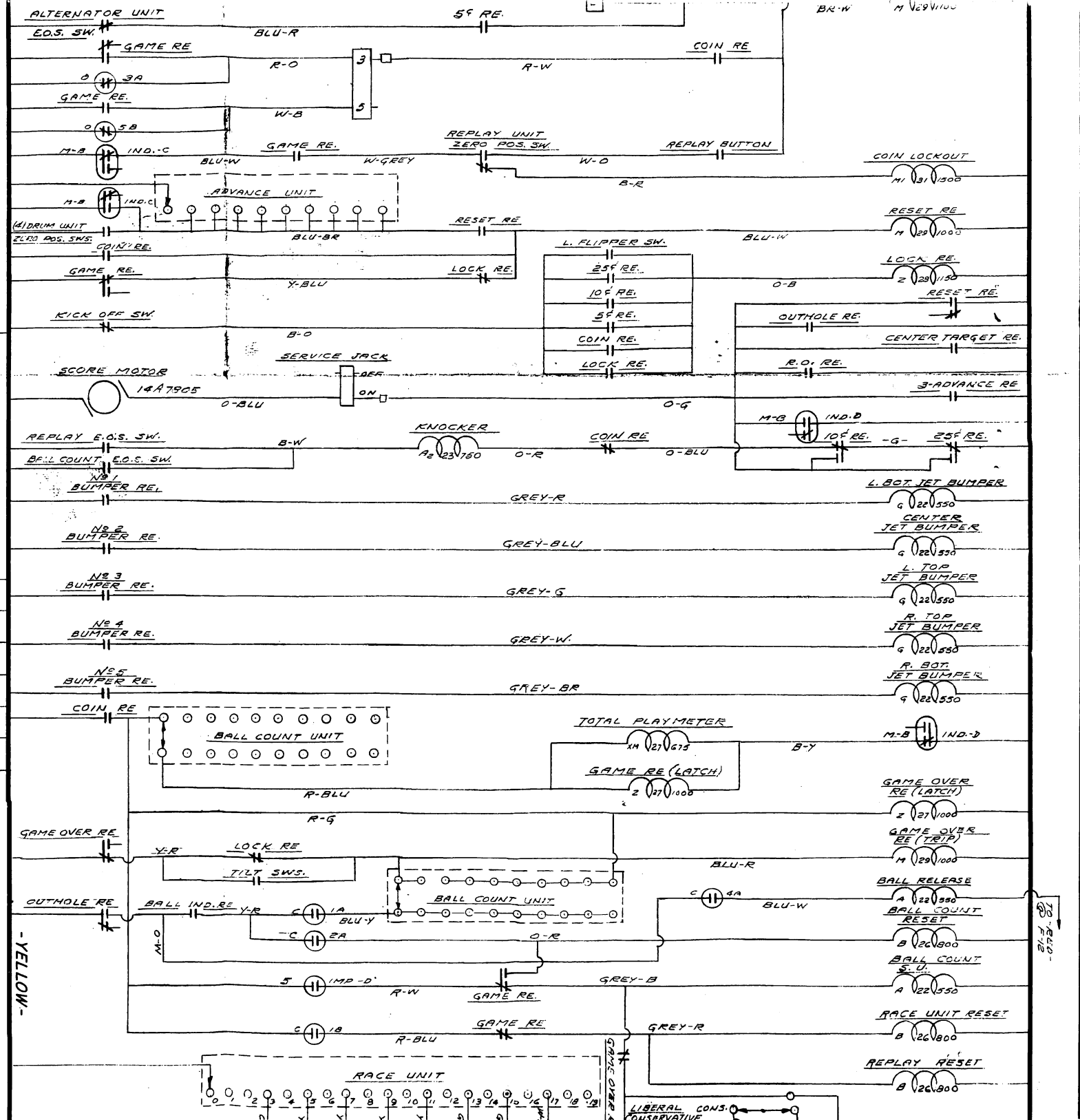
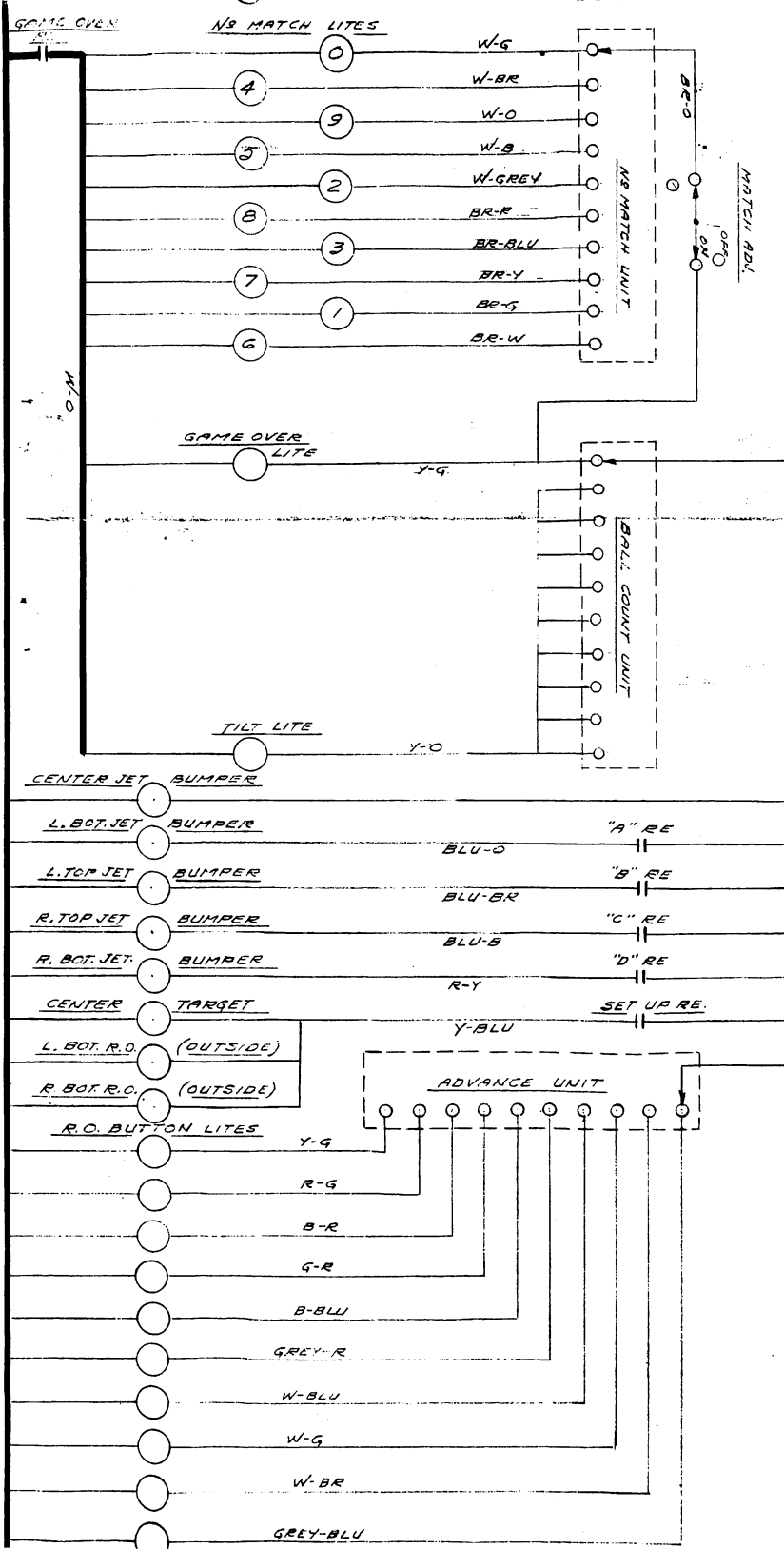
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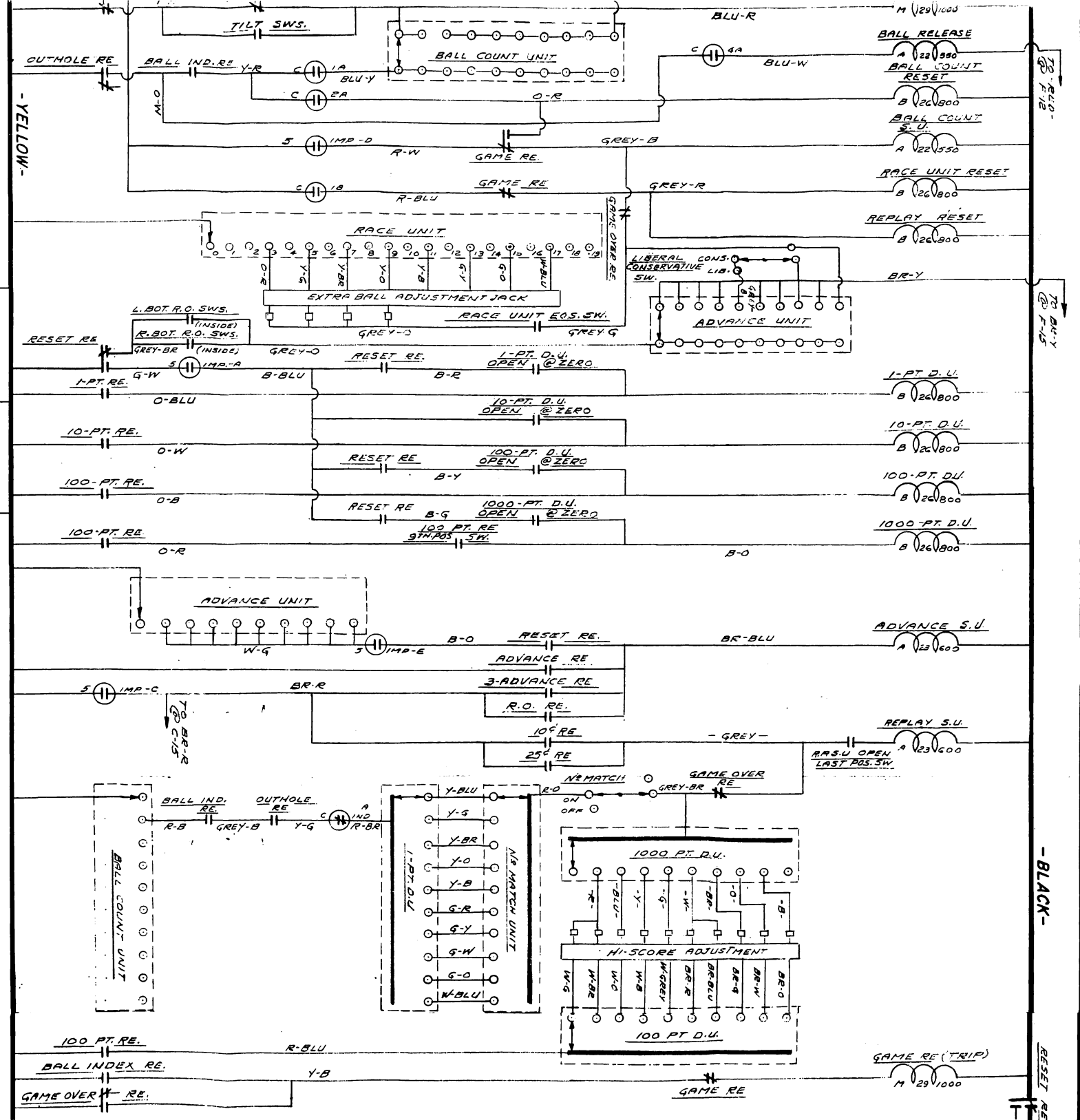
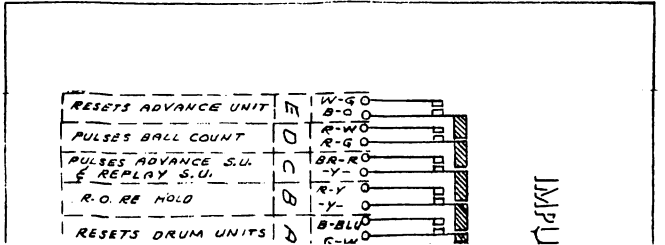
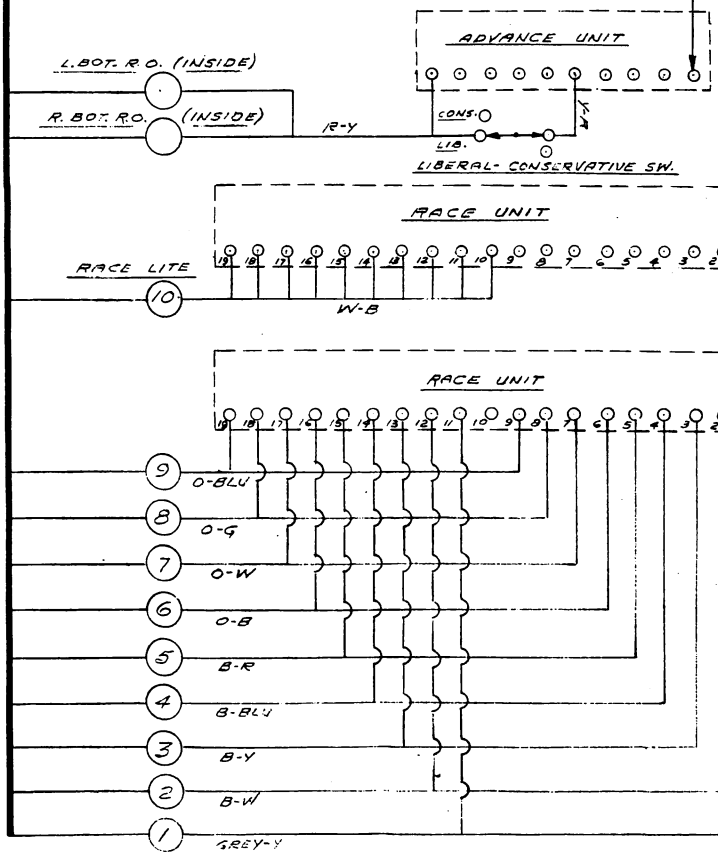
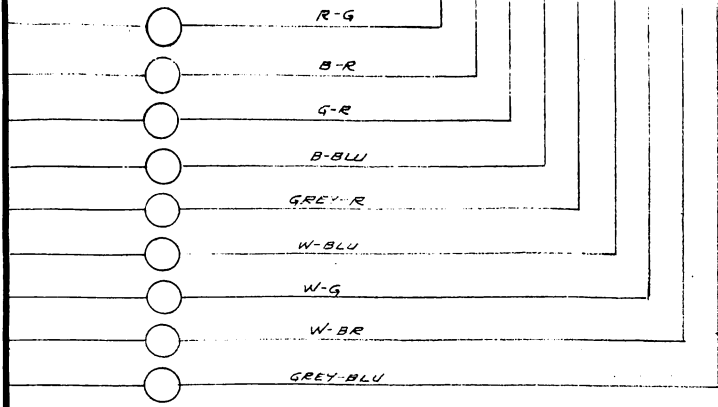


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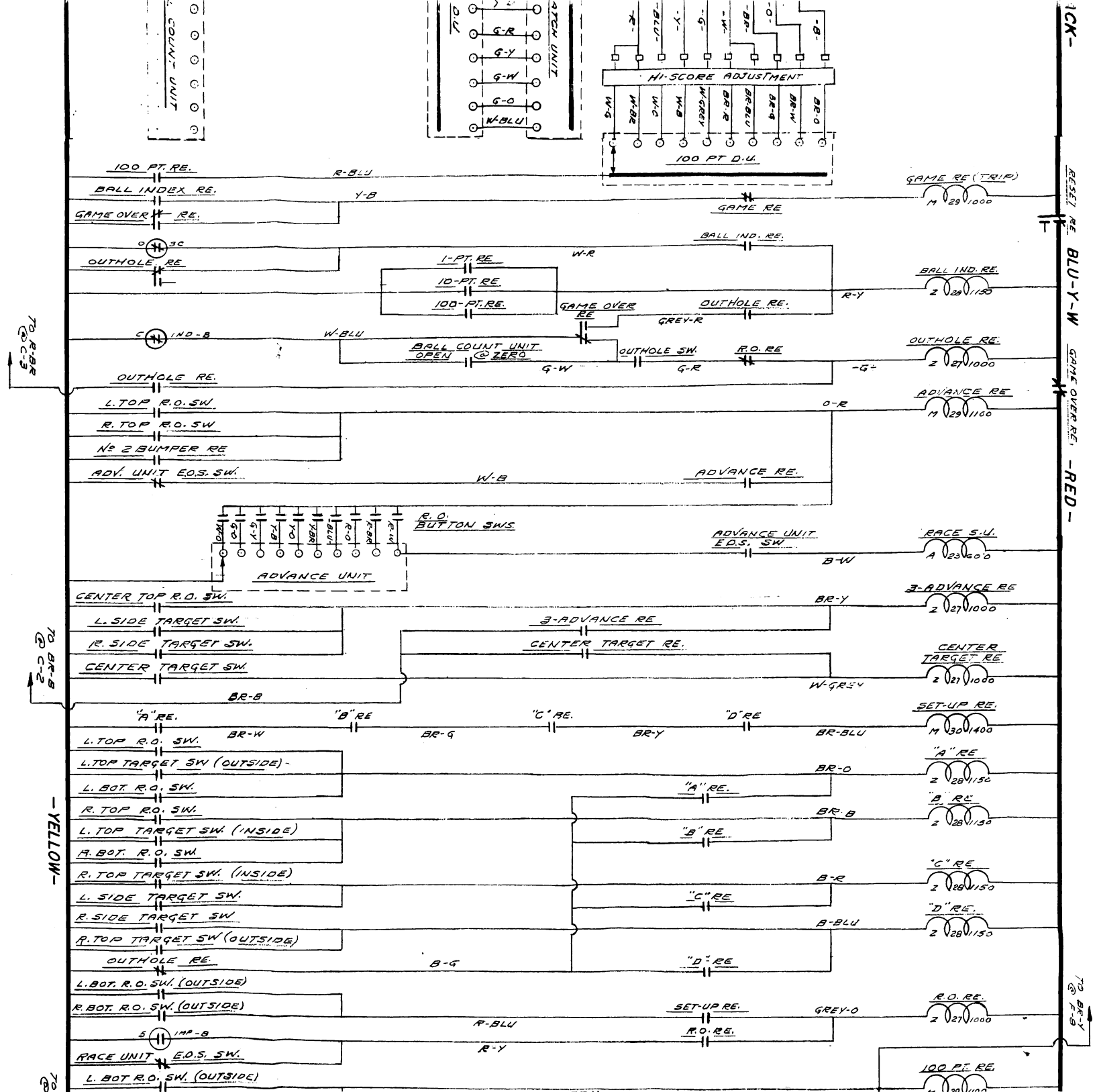
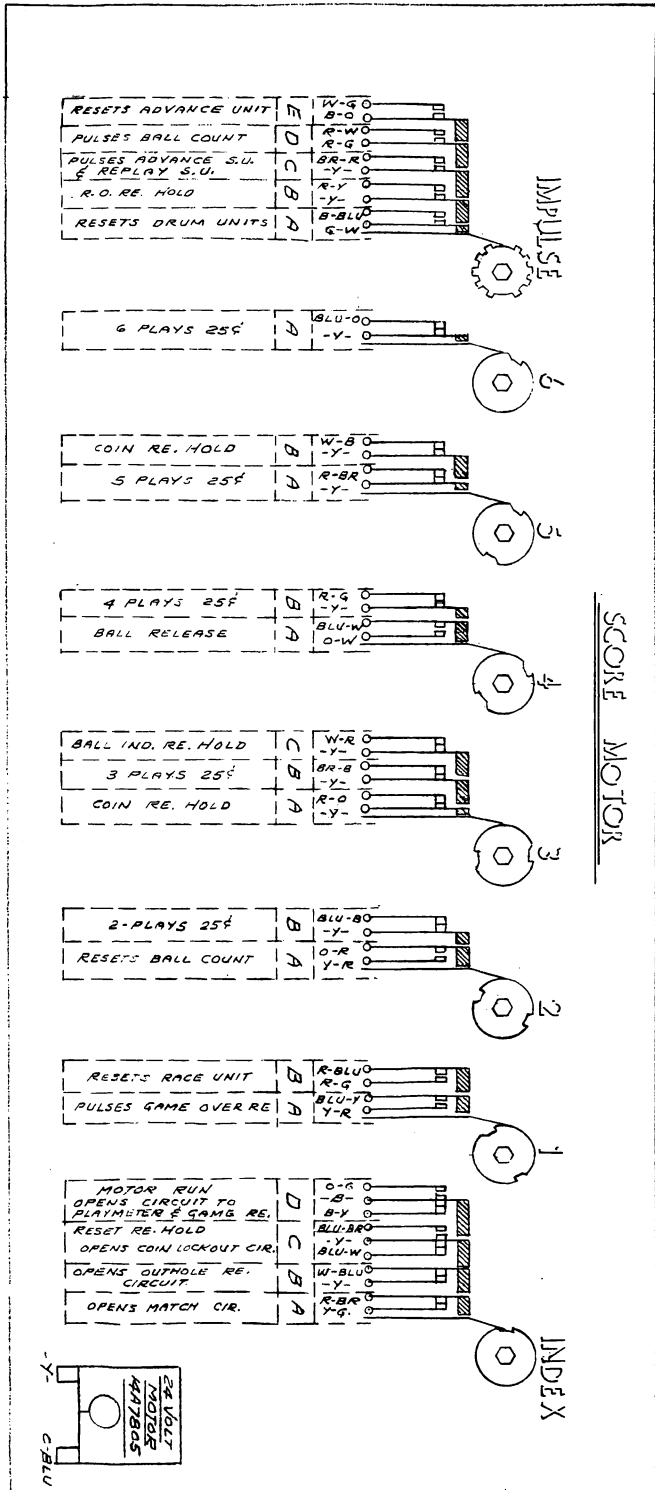
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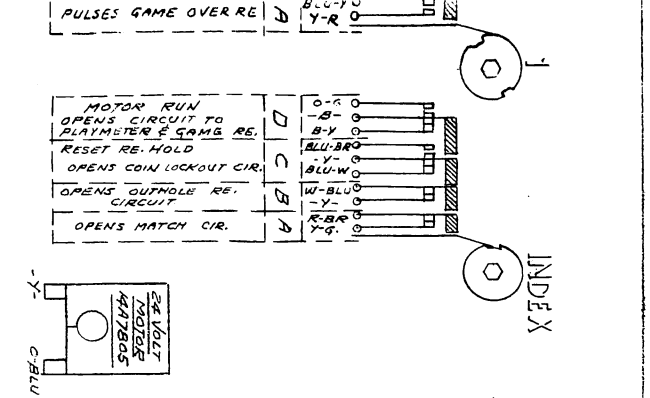
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RESETS ADVANCE UNIT	E	W-G	
PULSES BALL COUNT	D	B-O	
PULSES ADVANCE S.U.	C	R-W	
REPLAY S.U.	B	R-G	
R.O. RE HOLD	A	BR-R	
RESETS DRUM UNITS		R-Y	
		Y-Y	
		B-BLU	
		R-W	
		W-G	

IMP U

ALL LATCH RELAYS SHOWN IN LATCHED POSITION





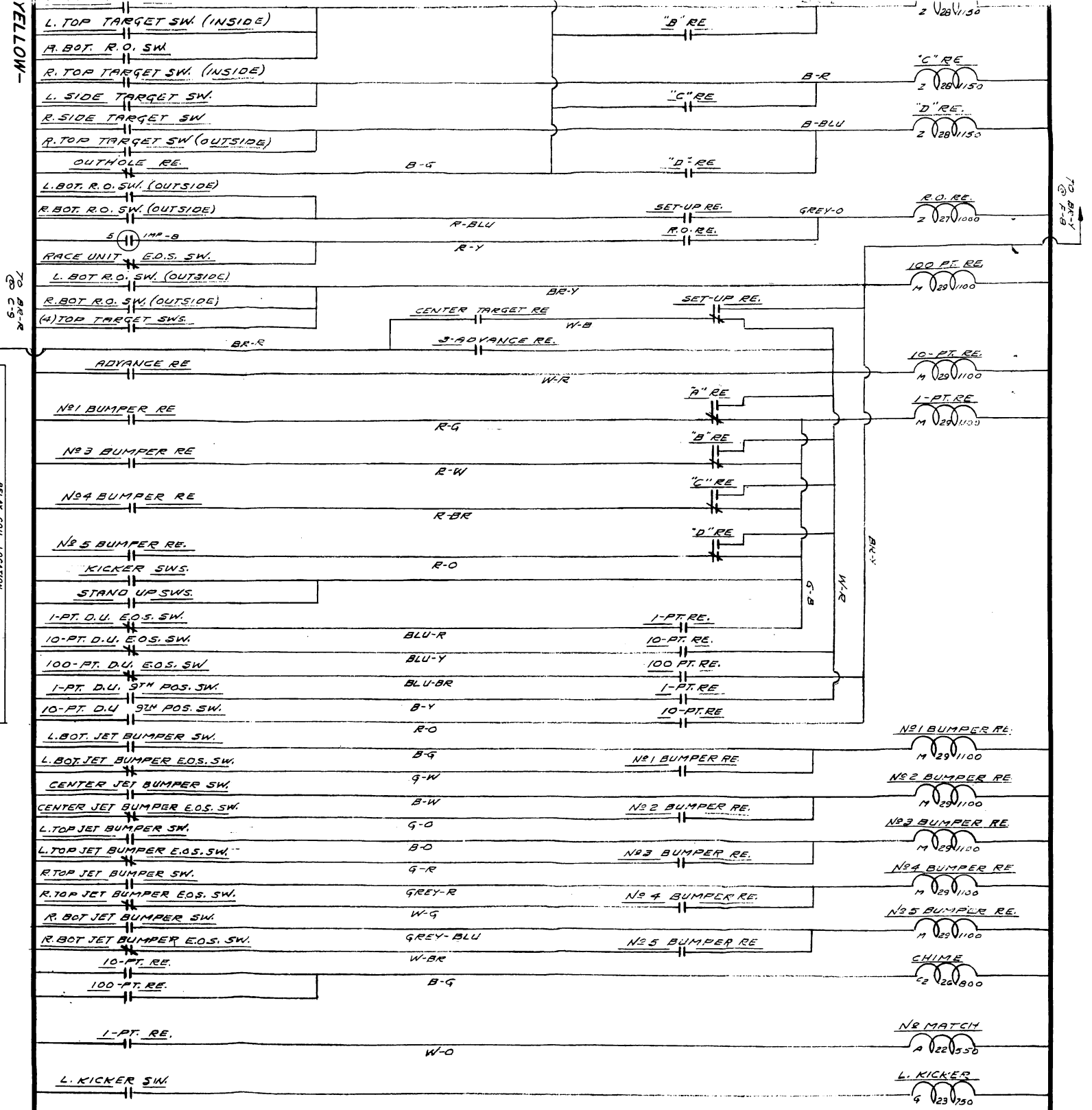
MISCELLANEOUS	COIL	LOCATIONS
ALTERNATOR UNIT	F-2	L & R KICKERS
BALL COUNT RESET	F-7	L & R UPPER KICKERS
BALL COUNT S.W.	F-7	NO MATCH
BALL RELEASE	F-7	PLAYMETER
CHIME	F-17	FACE UNIT S.U.
DRUM UNIT(S)	F-8 F-9	FACE UNIT RESET
JET BUMPERS (2)	F-8 F-6	REPLAY UNIT RESET
KNOCKER	0-3	REPLAY UNIT S.U.
L & R FLIPPERS	F-18	ADVANCE S.U.

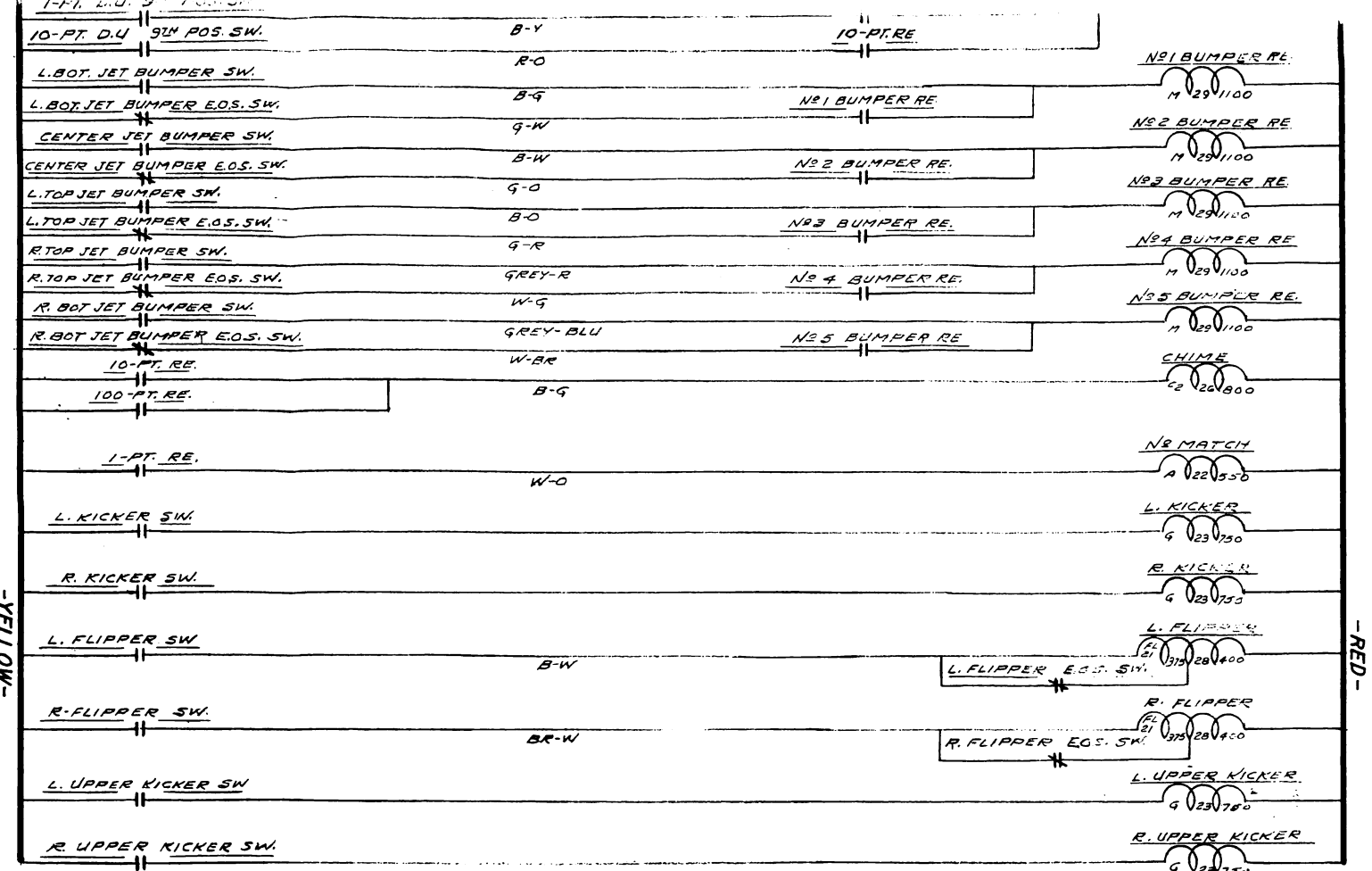
RELAY COIL LOCATION		
A-RELAY	F-13	NO 2 BUMPER RE.
ADVANCE RE	F-12	NO 3 BUMPER RE
B-RELAY	F-14	NO 4 BUMPER RE
BALL INDEX RE	F-11	NO 5 BUMPER RE
C-RELAY	F-14	OUTHOLE RE
CENTER TARGET RE	F-13	RESET RE
COIN RE	F-3	ROLL OVER RE
COIN LOCKOUT	F-4	SET-UP RE
D-RELAY	F-14	3-ADVANCE RE
GAME RELATCH.	E-6	1-PT. RE
GAME RETRIP	F-11	10-PT. RE
GAME OVER RE (LATCH)	F-7	100-PT. RE
GAME OVER RE (TRIP)	F-7	56 RE
LOCK RE	F-4	104 RE
NO. 1 BUMPER RE	F-17	294 RE

ABBREVIATIONS USE		
ADJ. ADJUSTMENT	IND-INDEX	R - RIGHT
AMP-AMPERE	L-LEFT	RE-RELAY
BOT-BOTTOM	LIB-LIBERAL	NO-NOCL
CONS-CONSERVATIVE	NO-NUMBER	S.U.-STEER
D.U.-DRUM UNIT	PT-POINT	SW-SWITCH
E.O.S.-END OF STROKE	POS-POSITION	SWS-SW
IAR-IMPULSE		

WIRE COLOR CODE		
R-RED	G-GREEN	O-ORANGE
BLU-BLUE	W-WHITE	B-BLACK
Y-YELLOW	BR-BROWN	J-JUMPER

EXAMPLE-- W-R INDICATES WHITT
AI RED TRACER





ABBREVIATIONS USED

ADJ.-ADJUSTMENT	IND.-INDEX	R.-RIGHT
ARM.-ARMURE	L.-LEFT	RE.-RELAY
BOT.-BOTTOM	LIB.-LIBERAL	R.O.-ROLL OVER
CONS.-CONSERVATIVE	NO.-NUMBER	SLS.-STEP UNIT
D.U.-DRUM UNIT	PT.-POINT	SW.-SWITCH
E.O.S.-END OF STROKE POS.-POSITION	SWS.-SWITCHES	
IMP.-IMPULSE		

SWITCH SYMBOLS

	NORMALLY OPEN SWITCH CLOSED WHEN ENERGIZED
⊕	NORMALLY CLOSED SWITCH OPEN WHEN ENERGIZED
⊗	SWITCH CONTAINED WITHIN A CIRCLE INDICATES OPERATION BY A MOTOR CAM
⊕	MAKE & BREAK SW.

WIRE COLOR CODE

R-RED	G-GREEN	O-ORANGE
BL-BLUE	W-WHITE	B-BLACK
Y-YELLOW	BR-BROWN	J-JUMPER

EXAMPLE:- W-R INDICATES WHITE WIRE WITH A RED TRACER

17
18
19