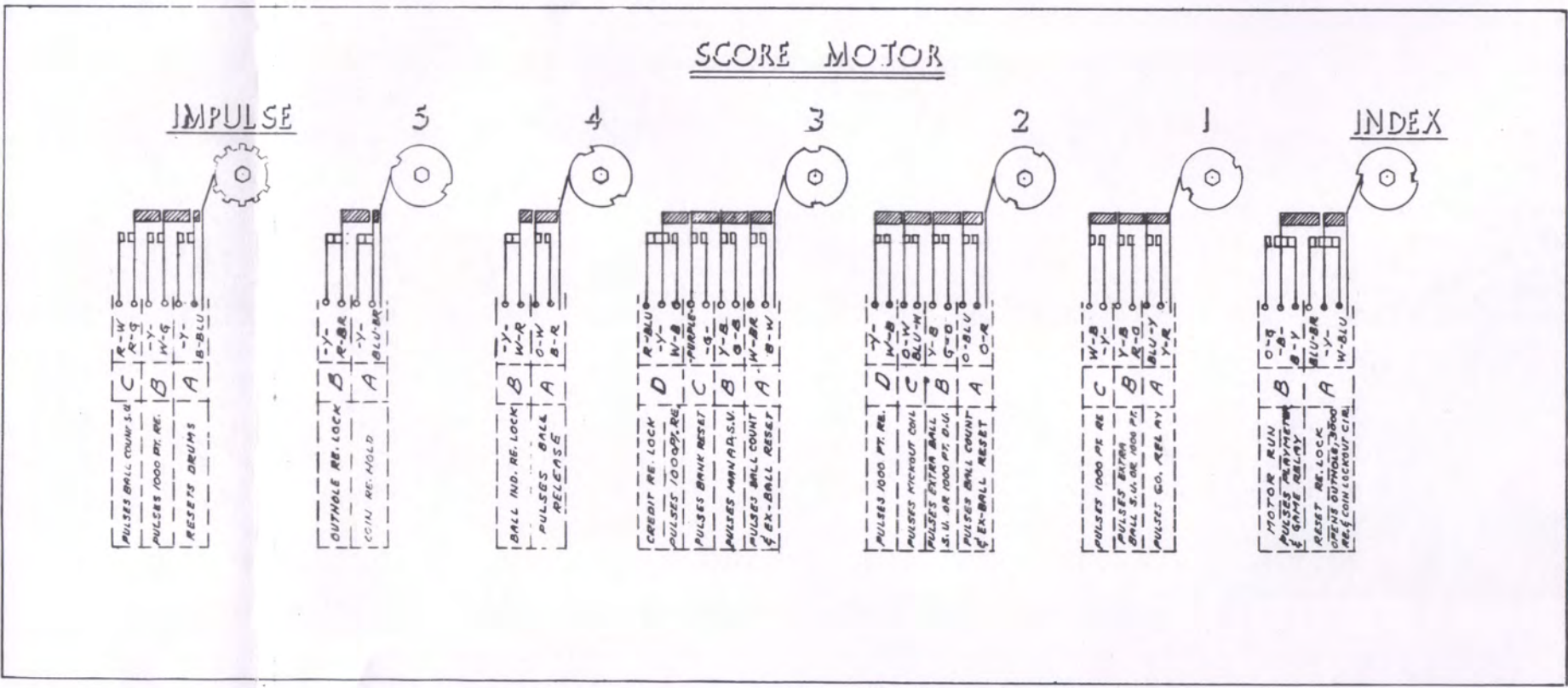
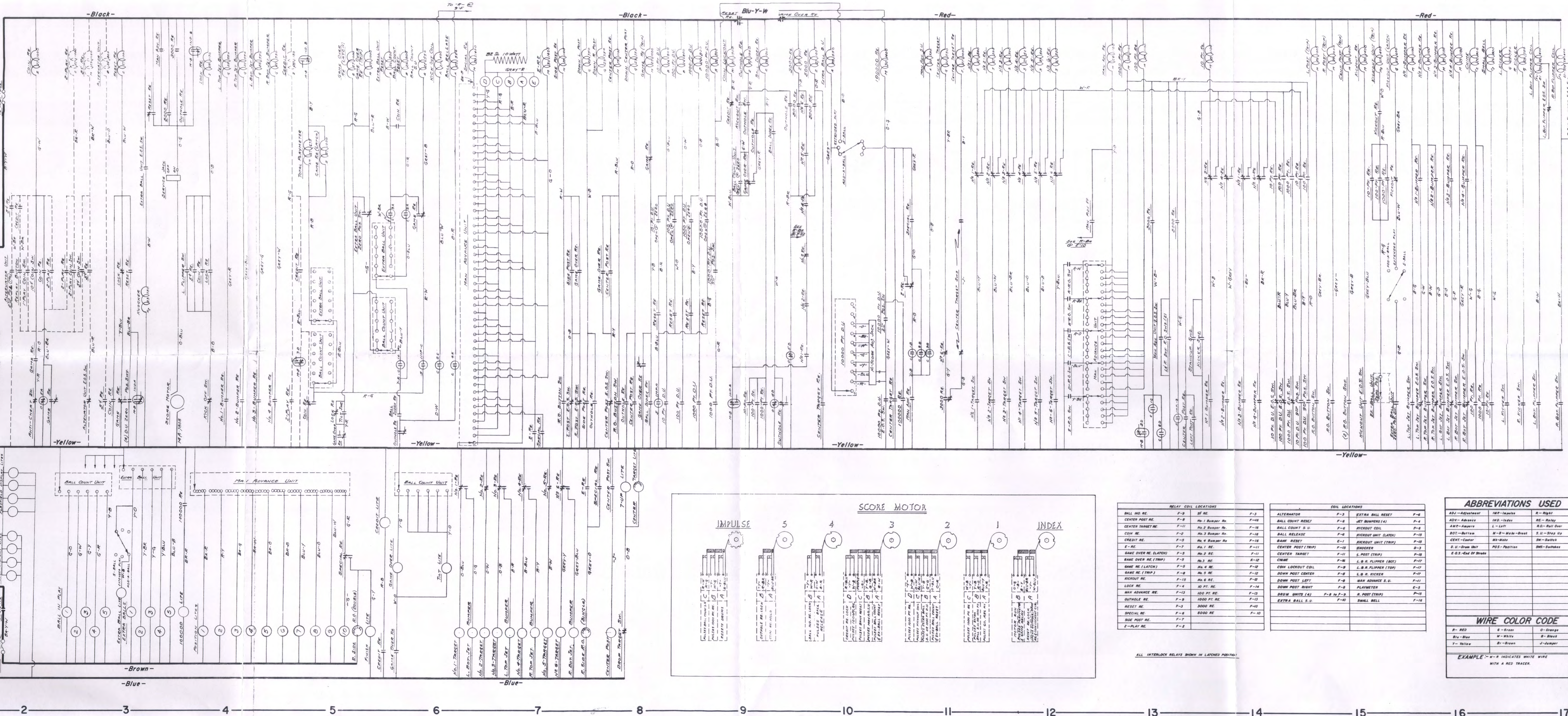
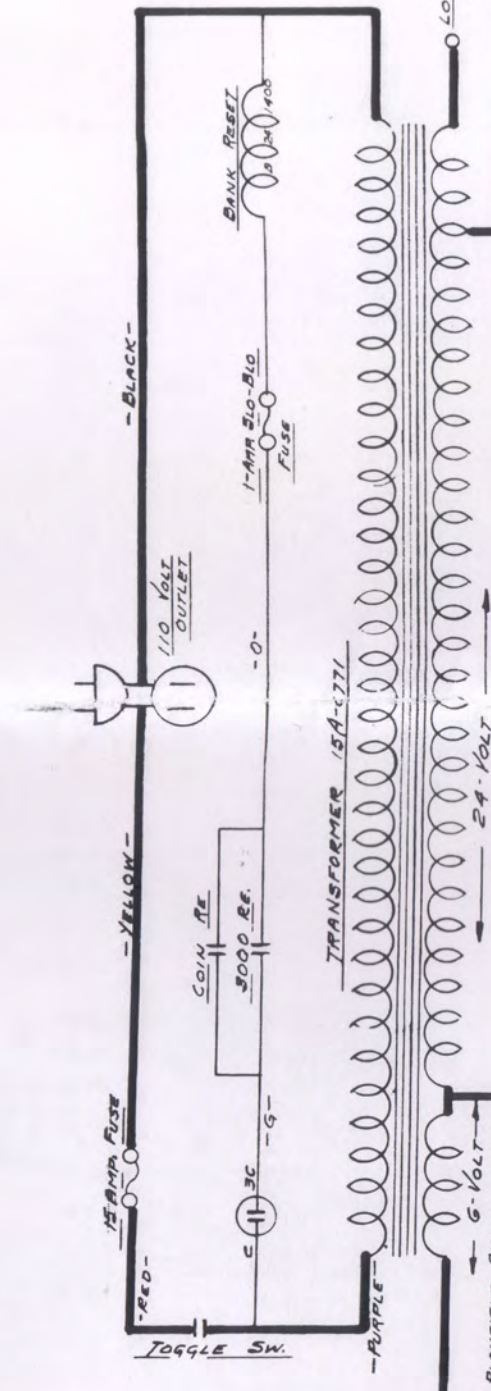


F
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I 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17

373

SET-UP

Williams
ELECTRONICS, INC.
3401 No. California Avenue
Chicago, 60618



RELAY COIL LOCATIONS

BALL IN RE	F-8	50 RE	F-3
CENTER POST RE	F-8	No. 1 Bumper Re	F-16
CENTR TARGET S U	F-11	No. 2 Bumper Re	F-16
COIN RE	F-2	No. 3 Bumper Re	F-16
CREDIT RE	F-3	No. 4 Bumper Re	F-16
E-RE	F-7	No. 1 RE	F-11
GAME OVER RE (LATCH)	F-3	No. 2 RE	F-11
GAME OVER RE (TRIP)	F-3	No. 4 RE	F-12
GAME RE (LATCH)	F-8	No. 5 RE	F-12
GAME RE (TRIP)	F-8	No. 6 RE	F-12
LOCK RE	F-4	10 PT. RE	F-14
MAN ADVANCE RE	F-13	100 PT. RE	F-13
OUTHOLE RE	F-9	3000 RE	F-10
RESET RE	F-8	5000 RE	F-10
SPECIAL RE	F-7	5000 RE	F-10
SIDE POST RE	F-7		
2-PLAY RE	F-2		

COIL LOCATIONS

ALTERNATOR	F-3	EXTRA BALL RESET	F-8
BALL COUNT RESE	F-6	LET BUMPER (4)	F-4
BALL COUNT S U	F-6	RECKOUT COIL	F-6
COIN	F-2	RECKOUT UNIT (LATCH)	F-15
COIN LOCKOUT COIL	F-8	RECKOUT UNIT (TRIP)	F-15
DOWN POST CENTER	F-8	ROCKER	D-3
DOWN POST LEFT	F-8	L. POST (TRIP)	F-15
DOWN POST RIGHT	F-8	L. B. FLIPPER (BOT)	F-17
DRUM BUMPS (4)	F-8 to F-9	L. B. FLIPPER (TOP)	F-17
EXTRA BALL S. U	F-10	L. B. R. KICKER	F-17
		MAN ADVANCE S. U.	F-11
		PLAYMETER	E-3
		R. POST (TRIP)	F-15
		SMALL BELL	F-16

ABBREVIATIONS USED

ADJ - Adjustment	IMP - Impulse	R - Right
AMP - Amperes	IND - Index	RE - Relay
ANT - Antenna	L - Left	R.O. - Roll Over
BOT - Bottom	M-S - Make-Break	S.U. - Step Up
CENT - Center	MS - Make	SW - Switch
D.U. - Drum Unit	POS - Position	SW-Switches
E.O.S. - End of Stroke		

WIRE COLOR CODE

R - Red	B - Brown	G - Green
Blu - Blue	W - White	Or - Orange
Y - Yellow	Br - Brown	J - Jumper

EXAMPLE - W-A INDICATES WHITE WIRE WITH A RED TRACER.

SWITCH SYMBOLS

Normally Open Switch	Normally Closed Switch
Closed When Energized	Switch Controlled within A Circle Indicates Operation by A Meter Coil
Make-Break Switch	

ALL INTERLOCK RELAYS SHOWN IN LATCHED POSITION