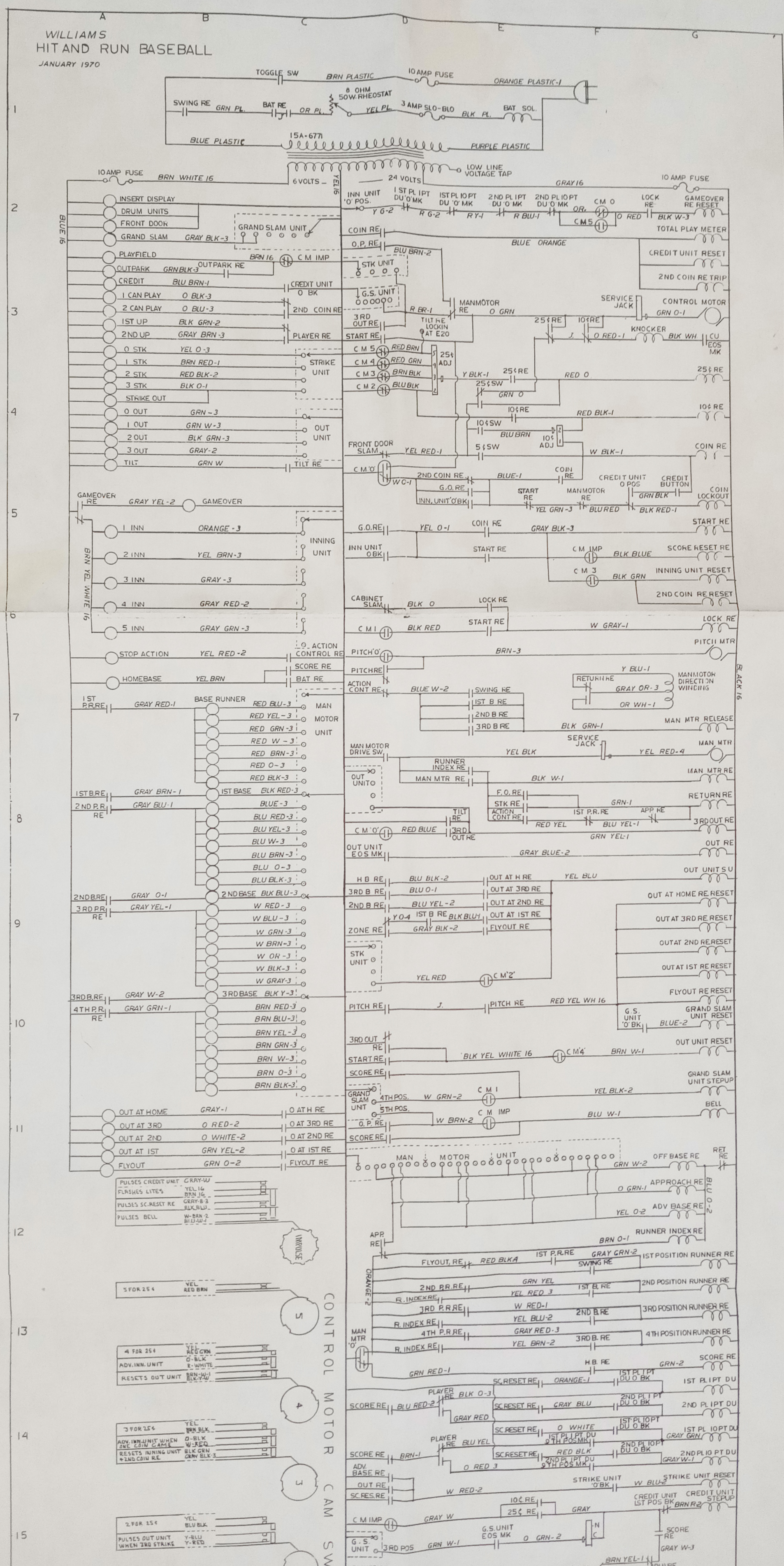
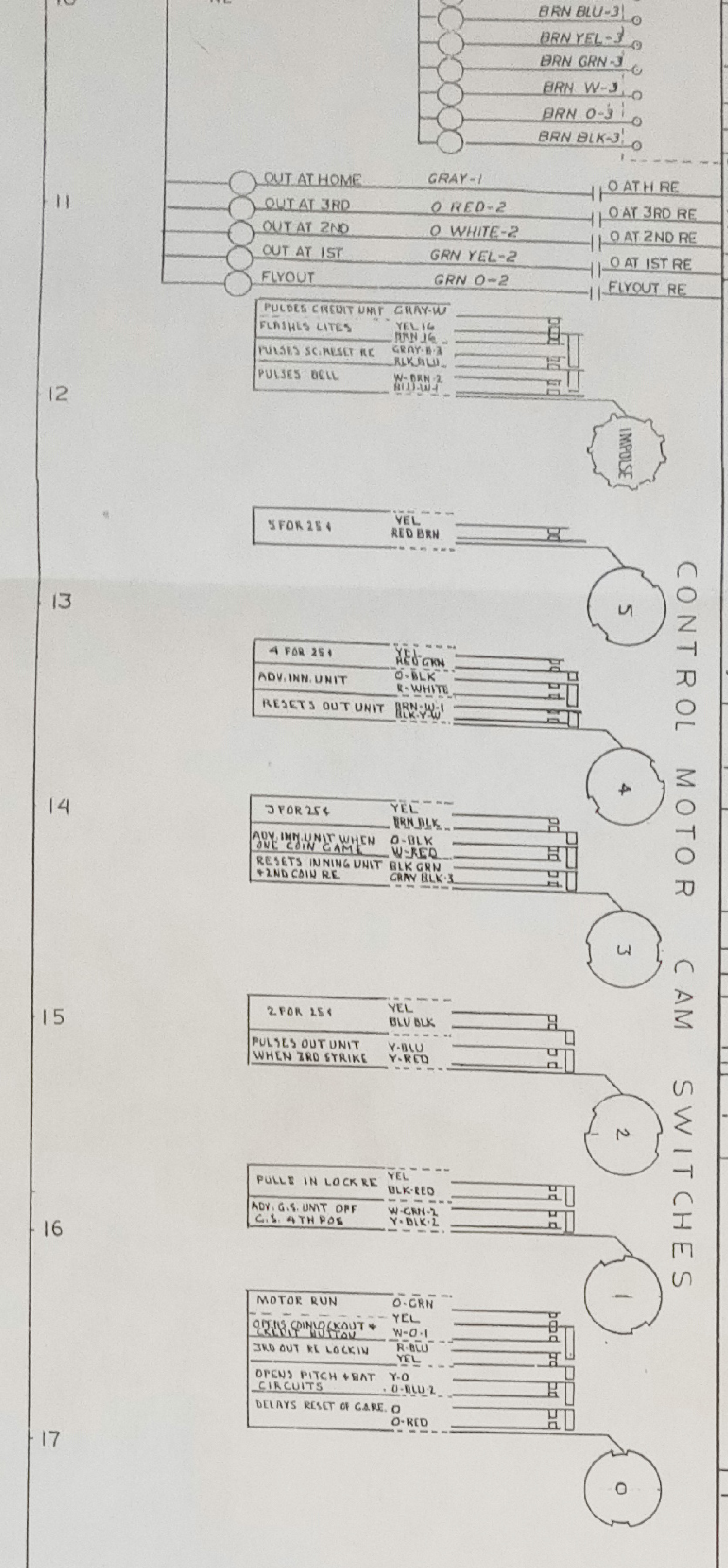
WILLIAMS
HIT AND RUN BASEBALL

JANUARY 1970





COIL	PART NO.	LOCATION
ACTION CONTROL RE RESET	Z 27-1000	G 19
ACTION CONTROL RE TRIP	M 25-1400	G 23
ADVANCE BASE RE	M 29-1100	G 12
APPROACH RE	Z 28-1150	G 12
BASE RELAYS (1ST 2ND 3RD & HOME)	Z 28-1150	G 24
BAT RE	Z 28-1150	G 19
BAT SOLENOID	H 24-1150	E 1
BELL	C2-26-800	G 11
BUZZER	M3-30-1400	G 19
COIN LOCKOUT	M1-31-1500	G 5
COIN RE	Z 27-1000	G 4
CONTROL MOTOR	14A-7805	G 3
CREDIT UNIT RESET	B26-800	G 2
CREDIT UNIT STEPUP	A 23-600	G 15
DRUM UNITS (4)	B 26-800	G 14
FLYOUT RE RESET	Z 27-1000	G 10
FLYOUT RE TRIP	M 25-400	G 23
GAMEOVER RE RESET	Z 28-1150	G 2
GAME OVER RE TRIP	M29-1000	G 18
GRAND SLAM UNIT RESET	B 26-800	G 10
GRAND SLAM UNIT STEPUP	A 22-550	G 11
INNING UNIT RESET	B 26-800	G 6
INNING UNIT STEPUP	A 22-550	G 18
KNOCKER	A2-23-750	F 3
LOCK RE	Z 28-750	G 6
MAN MOTOR	14A 7859	G 8
MAN MOTOR RE	Z 28-1150	G 8
MAN MOTOR RELEASE	A 25-1000	G 7
OFF BASE RE	M 29-1000	G 11
OUT RE	M 29-1000	G 8
OUT AT 1ST, 2ND, 3RD & HOME RE RESETS	Z 27-1000	G 9
OUT AT 1ST 2ND 3RD HOME RE TRIPS	M25-400	G 22
OUT PARK RE	Z 28-1150	G 20
OUT UNIT RESET	B 26-800	G 10
OUT UNIT STEPUP	A 22-550	G 8
PITCH MOTOR	14A-7821	G 6
PITCH RE	Z 28-1150	G 19
PLAYER RE	Z 28-1150	F 18
POSITION RUNNER RE. (1ST, 2ND, 3RD, 4TH	Z 28-1150	G 13
RETURN RE	Z 28-1150	G 8
RUNNER INDEX RE	M 30-1300	G 12
SCORE RE	M 29-1000	G 14
SCORE RESET RE	M 29-1000	G 5
2ND COIN RE RESET	Z 27-1000	G 6
2ND COIN RE TRIP	M 29-1000	G 3
START RE	Z 27-1000	G 5
STRIKE RE	M 30-1300	G 20
STRIKE UNIT RESET	B26-800	G 15
STRIKE UNIT STEPUP	A 22-550	G 21
SWING RE	Z 28-1150	G 23
10¢ RE	M 29-1100	G 4
3RD OUT RE	Z 27-1000	G 8
TILT RE	Z 28-1150	G 20
TOTAL PLAY METER	XM 27-675	G 2
25¢ RE	M29-1100	G 3
ZONE RE	Z 28-1150	G 21

ABBREVIATIONS	
ADV	ADVANCE
APP	APPROACH
B	BASE
BK	BREAK
C	CREDIT
CM	CONTROL MOTOR
CONT	CONTROL
CU	CREDIT UNIT
DU	DRUM UNIT
EOS	END OF STROKE
FO	FLYOUT
GO	GAMEOVER
GS	GRAND SLAM
H	HOME
IMP	IMPULSE
INN	INNING
LST	LAST
MK	MAKE
MTR	MOTOR
N	NOVELTY
O	OUT
OP	OUTPARK
PL	PLAYER
POS	POSITION
PR	POSITION RUNNER
PT	POINT
RE	RELAY
RET	RETURN
SOL	SOLENOID
STK	STRIKE
SW	SWITCH
W	WATT

WIRE COLORS		
RED	RD	R
BLUE	BLU	
YELLOW	YEL	Y
GREEN	GRN	G
WHITE	WH	W
BROWN	BRN	
ORANGE	OR	O
BLACK	BLK	B
GRAY		

EX. W R=WHITE WIRE WITH RED TRACER

DASH NUMBER INDICATES RE USE OF THAT COLOR

NORMALLY OPEN SWITCH MAKES WHEN ACTUATED

NORMALLY CLOSED SWITCH OPENS WHEN ACTUATED

MAKE BREAK SWITCH

CIRCLE INDICATES SWITCH ACTUATED BY A MOTOR CAM

CIRCUIT SHOWN IN SETUP CONDITION WITH POWER REMOVED, MOTORS IN ZERO POSITION. INTERLOCK RELAYS IN RESET POSITION.

50 CYCLE	
TRANSFORMER	15 A-6782-1
CONTROL MOTOR	14 A-7806
PITCH MOTOR	14 A 7823
MAN MOTOR	14 A 7860

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