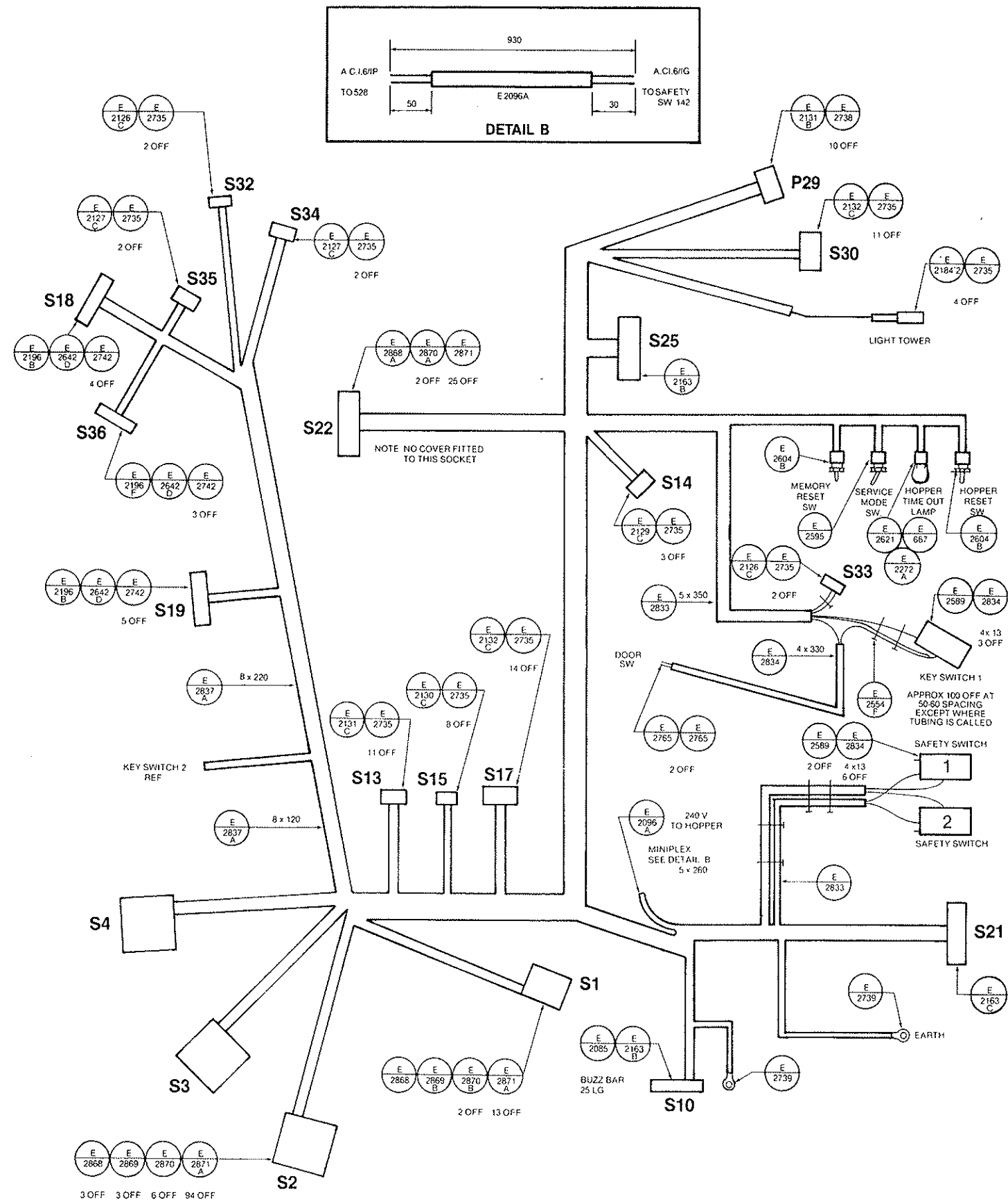


B1/Wiring Harness



PIN	WIRE COLOUR	CONNECT TO	REMARKS
PIN		PIN PART	

<b>S25 32 WAY AMPHENOL SOCKET</b>			
1	WHITE - GREEN	1 S1	O.V.
2	"	2 "	"
3	BLACK-BLUE	9 "	"
4	WHITE	11 S3	REEL MOTOR FROM PROCESSOR
5	"	17 S10	"
6	"	"	"
7	BLUE	9 P29	TRANSFORMER PLUG
8	ORANGE	5 "	"
9	GREY	3 "	"
10	YELLOW	1 "	"
11	BROWN	7 "	"
12	"	8 "	"
13	YELLOW	2 "	"
14	GREY	4 "	"
15	ORANGE	6 "	"
16	BLUE	10 "	"
17	WHITE-GREEN	10 S10	O.V.
18	"	12 S30	"
19	BLUE	8 S10	+12V. UNREG.
20	"	6 S1	"
21	PINK	13 S1	"
22	"	7 "	+5V. UNREG.
23	"	14 "	"
24	VIOLET	3 S19	"
25	"	4 S1	-5V. UNREG.
26	"	11 S1	"
27	"	7 S21	24V. D.C.
28	GREY	18 S10	24V. A.C.
29	"	18 S22	"
30	YELLOW	1 HOPPER TIME OUT LAMP	"
31	"	9 S30	"
32	"	5 S1	+12V. REG.
	"	12 S1	"
	"	27 S10	"
	"	11 S30	+5V. REG.
	"	10 S10	"
	"	3 S1	"

<b>S32 3 WAY MOLEX SOCKET - COIN BLOCK SOL.</b>			
1	BROWN	12 S13	24V. A.C.
2	"	1 S34	"
3	BLACK-ORANGE	2 S4	"

<b>S33 3 WAY MOLEX SOCKET - HANDLE SOL.</b>			
1	BROWN	1 HOPPER TIME OUT LP	"
2	"	"	"
3	WHITE-BLUE	19 S2	"

<b>S34 4 WAY SOCKET - COIN DIVERSION SOL.</b>			
1	BROWN	1 S32	24V. A.C.
2	"	"	"
3	"	"	"
4	PINK-WHITE	7 S3	"

<b>S35 4 WAY MOLEX PLUG - COIN ACCEPTANCE</b>			
1	"	"	"
2	YELLOW	1 S36	+5V. REG.
3	"	2 S18	"
4	WHITE-GREEN	4 S36	O.V.
5	"	6 S18	"

\* DENOTES ACTUAL WIRE USED. ALL OTHERS ARE CROSS REFERENCE ONLY. ENCIRCLED WIRE SPEC DENOTES CARRIED OUT AT F.A. STAGE.

PIN	WIRE COLOUR	CONNECT TO	REMARKS
PIN		PIN PART	

<b>S36 4 WAY WAFER - CASH BOX DETECTOR</b>			
1	YELLOW	13 S17	+5V. REG.
2	ORANGE - GREY	2 S35	"
3	POLARIZING	30 S3	CASH BOX SW.
4	WHITE - GREEN	6 S19	O.V.
5	"	3 S35	"

<b>P29 12 WAY MOLEX PLUG</b>			
1	YELLOW	10 S25	10V. A.C. 1 AMP
2	"	13 "	"
3	GREY	9 "	19V. A.C. 2-5 AMP
4	"	14 "	"
5	ORANGE	8 "	17-3V. A.C. 2-5 AMP
6	"	15 "	"
7	BROWN	11 "	10V. A.C. 5 AMP
8	"	12 "	"
9	BLUE	7 "	24V. A.C. 4-4 AMP
10	"	16 "	"
11	"	"	"
12	"	"	"

<b>MEMORY RESET SWITCH</b>			
C	WHITE-GREEN	2 S25	O.V.
* C	"	C	SERVICE MODE SW
N.O.	YELLOW-RED	22 S2	"
N.C.	"	"	"

<b>SERVICE MODE SWITCH</b>			
C	WHITE-GREEN	C	MEMORY RESET SW
* C	"	C	HOPPER RESET SW
N.O.	YELLOW-RED	22 S2	"
N.C.	"	"	"

<b>HOPPER TIME OUT LAMP</b>			
1	BROWN	25 S25	24V. A.C.
2	VIOLET-YELLOW	1 S33	"
3	"	20 S4	"

<b>HOPPER RESET SWITCH</b>			
C	WHITE-GREEN	C	SERVICE MODE SW
* C	"	C	KEY SW. 1
N.O.	WHITE-BROWN	2 S2	"
N.C.	"	"	"

<b>LIGHT TOWER - DOOR OPEN</b>			
1	BROWN	9 S30	"
2	RED-BLUE	35 S3	"

<b>LIGHT TOWER - JACKPOT</b>			
1	"	"	"
2	GREY - RED	34 S3	"

<b>LIGHT TOWER - CHANGE</b>			
1	"	"	"
2	PINK-GREEN	18 S2	"

<b>KEY SWITCH 1</b>			
C	WHITE-GREEN	C	HOPPER RESET SW
* C	"	C	DOOR SW.
N.O.	BLUE - GREY	1 S2	"
N.C.	"	"	"

<b>KEY SWITCH 2 (REF ONLY)</b>			
* C	BLACK-ORANGE	8 S30	"
N.O.	BLUE	11 S13	+12V. UNREG.
N.C.	"	"	"

<b>SAFETY SWITCH 1 2 CORE MINIFLEX</b>			
* C	BROWN	4 S28	SEE DETAIL B
N.O.	RED	2 S21	"

<b>SAFETY SWITCH 2 2 CORE MINIFLEX</b>			
* C	BLUE	6 S28	SEE DETAIL B
N.O.	BLACK	3 S21	"

B1a/Wiring Harness (cont.)

PIN	WIRE COLOUR	CONNECT TO		REMARKS
		PIN	PART	

S1. 15 WAY CANNON SOCKET

* 1	WHITE-GREEN	1	S25	O.V.
* 2	"	1	S25	O.V.
* 3	YELLOW	32	S25	+5 V.
* 4	VIOLET	22	S25	-5 UNREG.
* 5	GREY	20	S25	+12 V.
* 6	BLUE	20	S25	+12 V. UNREG.
* 7	PINK	21	S25	+5 V. UNREG.
8				
* 9	WHITE-GREEN	2	S25	O.V.
*10	YELLOW	31	S25	+5 V.
*11	VIOLET	22	S25	-5 V. UNREG.
*12	GREY	28	S25	+12 V.
*13	BLUE	20	S25	+12 V. UNREG.
*14	PINK	21	S25	+5 V. UNREG.
15				

S2. 37 WAY CANNON SOCKET

* 1	BLUE-GREY	N.O	K/SW. 1	
* 2	WHITE-BROWN	N.O	HOPPER RESET SW	
* 3	WHITE	4	S18	COIN IN SW. A
* 4	YELLOW-BROWN	N.O	DOOR/SW.	
* 5	RED-BLUE	20	S22	COLLECT SW.
6				
* 7	BLACK-GREY	3	S15	SPARE SW. 3
* 8	RED-GREY	2	S15	" " 2
* 9	YELLOW-BLACK	1	S15	" " 1
*10	GREY-BLACK	6	S15	" " 0
*11	ORANGE-GREEN	10	S21	HOPPER DRIVE
*12	RED-YELLOW	1	S19	SPEAKER
13				
14				
15				
16				
17				
*18	PINK-GREEN	2	TOWER	CHANGE LP.
*19	WHITE-BLUE	3	S33	HANDLE SOL.
*20	BROWN-YELLOW	4	S15	SPARE SW. 4
*21	BLUE-RED	3	S18	COIN IN SW. 6
*22	YELLOW-RED	N.O	SERVICE MODE SW	
*23	BLACK-YELLOW	N.O	MEMORY RESET SW	
*24	GREY-BLUE	6	S30	STROKE METER
*25	WHITE-BLACK	7	S10	MOTOR BRAKE
*26	BLACK-ORANGE	12	S17	SOUND RESET
27				
*28	WHITE-RED	14	S10	POSITION DATA 3
*29	ORANGE-WHITE	15	S10	" " 4
*30	RED-WHITE	16	S10	" " 5
*31	BLUE-BLACK	28	S10	DATA SELECT 1
*32	GREY-ORANGE	29	S10	" " 2
*33	BROWN-BLUE	30	S10	" " 3
*34	PINK-BLACK	31	S10	" " 4
*35	YELLOW-GREY	32	S10	" " 5
*36	PINK-WHITE	15	S10	POSITION DATA 2
*37	BROWN-WHITE	12	S10	" " 1

S22. 25 WAY CANNON SOCKET (CREDIT METER & VERIFICATION METER)

1	GREY-BLACK	6	S4	SEGMENT C
2	GREY-WHITE	17	S4	DIGIT DRIVE 2
3	YELLOW-GREEN	16	S4	" " 3
4	RED-BLACK	23	S4	TILT LAMP
5	BLUE-YELLOW	18	S4	DIGIT DRIVE 1
6	WHITE-BLACK	1	S4	COIN INSERT LP.
7	BROWN-YELLOW	7	S4	SEGMENT E
8	PINK-WHITE	14	S4	DIGIT DRIVE E
9	BLACK-GREY	3	S4	SEGMENT G
10	YELLOW-BLACK	5	S4	" " F
11	PINK-GREEN	15	S4	DIGIT DRIVE 4
12	WHITE-GREY	8	S4	SEGMENT A
13	BLUE-WHITE	13	S4	DIGIT DRIVE G
14	YELLOW-BROWN	10	S4	DECIMAL POINT
15	RED-GREY	4	S4	SEGMENT D
16	ORANGE-BLACK	21	S4	COIN ACCEPTED
17	GREY-ORANGE	22	S4	JACKPOT
18	BROWN	26	S25	24 VAC
19	PINK-GREY	9	S4	SEGMENT B
20	RED-BLUE	5	S2	COLLECT SW.
21	WHITE-GREEN	2	S14	O.V.
22	ORANGE-WHITE	33	S3	COLLECT CASH LP.
23	VIOLET-WHITE	23	S2	CHANGE SW.
24	RED-GREEN	11	S4	DIGIT DRIVE 8
25	BLUE-GREY	12	S4	" " 7

DOOR SWITCH (REF)  
C WHITE-GREEN C K/SW. 1 O.V.  
N.O. YELLOW-BROWN 4 S2  
N.C.

PIN	WIRE COLOUR	CONNECT TO		REMARKS
		PIN	PART	

S3. 37 WAY CANNON SOCKET

* 1	GREY-YELLOW	2	S17	FEATURE 2
* 2	WHITE-BLUE	3	S17	" 3
* 3	YELLOW-BROWN	4	S17	" 4
* 4	RED-YELLOW	5	S17	" 5
* 5	WHITE-BLACK	6	S17	" 6
* 6	RED-BLACK	7	S17	" 7
* 7	PINK-WHITE	4	S34	COIN DIVERTION SW.
8				
9				
10				
*11	BLACK-BLUE	3	S25	ABEL MOTOR
*12	GREY-GREEN	1	S10	SOL. 1
*13	ORANGE-BLUE	4	S10	SOL. 4
*14	BLUE-WHITE	5	S10	SOL. 5
*15	VIOLET-PINK	5	S30	CASH BOX COUNTER
*16	BLUE-RED	2	S30	COINS IN
*17	PINK-BLUE	4	S30	JACKPOT COUNTER
*18	VIOLET-BLACK	3	S30	COINS OUT
*19	YELLOW-GREY	7	S30	CANCEL CREDIT
*20	PINK-GREEN	1	S17	FEATURE 1
*21	YELLOW-GREEN	2	S19	BY-PASS VOL. CONT.
*22	PINK-RED	4	S14	HANDLE SW. B
*23	VIOLET-WHITE	23	S22	CHANGE SW.
*24	BLACK-WHITE	8	S21	N.O. COUNT SW.
*25	GREY-WHITE	13	S21	PROBE
*26	WHITE	9	S17	SOUND
*27	BLUE-GREY	10	S17	"
*28	WHITE-BROWN	11	S17	"
*29	BROWN-ORANGE	6	S10	HOME SW.
*30	ORANGE-GREY	2	S36	CASH BOX SW.
*31	BROWN-BLACK	1	S14	HANDLE SW. A
*32	BROWN-WHITE	9	S13	FEATURE 10
*33	ORANGE-WHITE	22	S22	COLLECT CASH LP.
*34	GREY-RED	2	L/TOWER	JACKPOT
*35	RED-BLUE	2	L/TOWER	DOOR OPEN
*36	BLACK-ORANGE	2	S10	SOL. 2
*37	GREY-BLUE	3	S10	SOL. 3

S4. 37 WAY CANNON SOCKET

* 1	WHITE-BLACK	6	S22	COIN INSERT LP.
* 2	BLACK-ORANGE	3	S32	COIN BLOCK SOL.
* 3	BLACK-GREY	9	S22	SEGMENT G
* 4	RED-GREY	15	"	" D
* 5	YELLOW-BLACK	10	"	" F
* 6	GREY-BLACK	1	"	" C
* 7	BROWN-YELLOW	7	"	" E
* 8	WHITE-GREY	12	"	" A
* 9	PINK-GREY	19	"	" B
*10	YELLOW-BROWN	14	"	DECIMAL POINT
*11	RED-GREEN	24	"	DIGIT DRIVE 8
*12	BLUE-GREY	25	"	" 7
*13	BLUE-WHITE	13	"	" 6
*14	BLUE-WHITE	8	"	" 5
*15	PINK-GREEN	11	"	" 4
*16	YELLOW-GREEN	3	"	" 3
*17	GREY-WHITE	2	"	" 2
*18	BLUE-YELLOW	5	"	" 1
19				
*20	VIOLET-YELLOW			HOPPER TIME OUT LP.
*21	ORANGE-BLACK	16	S22	COIN ACCEPTED
*22	GREY-ORANGE	17	"	CALL ATTENDANT
*23	RED-BLACK	4	"	TILT LAMP
*24	RED-BLUE	7	S13	LAMP 7
*25	RED-WHITE	8	"	" 0
*26	GREY-WHITE	6	"	" 6
*27	BROWN-ORANGE	3	"	" 3
*28	YELLOW-RED	5	"	" 5
*29	WHITE-RED	2	"	" 2
*30	BLUE-BLACK	4	"	" 4
*31	BROWN-BLUE	1	"	" 1
32				
33				
34				
35				
36				
37				

\* DENOTES ACTUAL WIRE USED. ALL OTHERS ARE CROSS REFERENCE ONLY. ENCIRCLED WIRE SPEC DENOTES CARRIED OUT AT F.A. STAGE.

PIN	WIRE COLOUR	CONNECT TO		REMARKS
		PIN	PART	

S10. 32 WAY AMPHENOL SOCKET - MECHANISM

1	GREY-GREEN	12	S3	SOL. 1
2	BLACK-ORANGE	36	"	" 2
3	GREY-BLUE	37	"	" 3
4	ORANGE-BLUE	13	"	" 4
5	BLUE-WHITE	14	"	" 5
6	BROWN-ORANGE	29	"	HOME SW.
7	WHITE-BLACK	25	S2	MOTOR BRAKE
8	BLUE	19	S25	12 V. UNREG.
* 8	"	9	S15	" "
9				
10	WHITE-GREEN	17	S25	O.V.
*10	"	6	S21	O.V.
11	YELLOW	30	S25	+5 V. REG.
*11	"	13	S17	" "
12	BROWN-WHITE	37	S2	POSITION DATA 1
13	PINK-WHITE	36	"	" " 2
14	WHITE-RED	28	"	" " 3
15	ORANGE-WHITE	29	"	" " 4
16	RED-WHITE	30	"	" " 5
17	WHITE	4	S25	MOTOR DRIVE
18	BROWN	24	"	24 V. A.C.
*18	"	8	S15	" "
19				
20	NOTE: PINS 18 TO 23 SHORT OUT WITH BUZZ BAR			
21	WIRE E2085x25 LG.			
22				
23				
*24	GREEN		EARTH	
25				
26				
27	GREY	29	S25	+12V. REG.
28	BLUE-BLACK	31	S2	DATA SELECT 1
29	GREY-ORANGE	32	"	" " 2
30	BROWN-BLUE	33	"	" " 3
31	PINK-BLACK	34	"	" " 4
32	YELLOW-GREY	35	"	" " 5

S13. 12 WAY MOLEX SOCKET

1	BROWN-BLUE	31	S4	LAMP 1
2	WHITE-RED	29	"	" 2
3	BROWN-ORANGE	27	"	" 3
4	BLUE-BLACK	30	"	" 4
5	YELLOW-RED	28	"	" 5
6	GREY-WHITE	26	"	" 6
7	RED-BLUE	24	"	" 7
8	RED-WHITE	25	"	" 0
9	BROWN-WHITE	32	S3	FEATURE 10
11	BLUE	9	S15	12V UNREG.
*11	"	N.O	KEY SW. 2	" "
12	BROWN	8	S15	24V. A.C.
*12	"	1	S32	" "

S14. 6 WAY MOLEX SOCKET - HANDLE SW A&B

1	BROWN-BLACK	31	S3	HANDLE SW. A
2	WHITE-GREEN	12	S30	O.V.
* 2	"	21	S22	" "
3				
4	PINK-RED	22	S3	HANDLE SW. B
5				
6				

S15. 9 WAY MOLEX SOCKET

1	YELLOW-BLACK	9	S2	SPARE SW. 1
2	RED-GREY	8	"	" " 2
3	BLACK-GREY	7	"	" " 3
4	BROWN-YELLOW	20	"	" " 4
5				
6	GREY-BLACK	10	"	SPARE SW. 0
7	WHITE-GREEN	14	S17	O.V.
* 7	"	6	S19	" "
8	BROWN	18	S10	24V. A.C.
* 8	"	12	S13	" "
9	BLUE	8	S10	12V. UNREG.
* 9	"	11	S13	" "

PIN	WIRE COLOUR	CONNECT TO		REMARKS
		PIN	PART	

S17. 15 WAY MOLEX SOCKET

1	PINK-GREEN	20	S3	FEATURE 1
2	GREY-YELLOW	1	"	" 2
3	WHITE-BLUE	2	"	" 3
4	YELLOW-BROWN	3	"	" 4
5	RED-YELLOW	4	"	" 5
6	WHITE-BLACK	5	"	" 6
7	RED-BLACK	6	"	" 7
8				
9	WHITE	26	S3	SOUND
10	BLUE-GREY	27	"	"
11	WHITE-BROWN	28	"	"
12	BLACK-ORANGE	26	S2	SOUND RESET
13	YELLOW	11	S10	+5V. REG.
*13	"	1	S36	" "
14	WHITE-GREEN	6	S21	O.V.
*14	"	7	S15	" "
15	ORANGE	7	S21	24V. D.C.

S18. 6 WAY WAFER - ACCEPTANCE CHUTE

1				
2	YELLOW	2	S35	+5V. REG.
3	POLARIZING KEY E 2642D			
4	WHITE	3	S2	COIN IN SW. A
5	BLUE-RED	21	"	" " B
6	WHITE-GREEN	3	S35	O.V.

S19. 6 WAY WAFER - SPEAKER

1	RED-YELLOW	12	S2	SPEAKER
2	YELLOW-GREEN	21	S3	BY-PASS VOL. CON.
3	PINK	21	S25	+5V. UNREG.
4				
5	POLARIZING KEY E 2642D			
6	WHITE-GREEN	7	S15	O.V.
* 6	"	4	S26	" "

S21. 16 WAY AMPHENOL SOCKET - HOPPER

1				
* 2	RED	N.O.	SAFETY SW. 1	
* 3	BLACK	N.O.	SAFETY SW. 2	
4				
5				
6	WHITE-GREEN	10	S10	COMMON
* 6	WHITE-GREEN	14	S17	O.V.
7	ORANGE	23	S25	24V. D.C.
* 7	ORANGE	15	S17	" "
8	BLACK-WHITE	24	S3	N.O. COUNT SW.
* 9	GREEN		EARTH	
10	ORANGE-GREEN	11	S2	HOPPER DRIVE
11				
12				
13	GREY-WHITE	25	S3	PROBE
14				
15				

S30. 15 WAY MOLEX SOCKET - COUNTERS

1	ORANGE	23	S25	24V. D.C.
2	BLUE-RED	16	S3	COINS IN
3	VIOLET-BLACK	18	"	COINS OUT
4	PINK-BLUE	17	"	JACKPOT
5	VIOLET-PINK	15	"	CASH BOX
6	GREY-BLUE	24	S2	STROKE METER
7	YELLOW-GREY	19	S3	CANCEL CREDIT
8	BLACK-ORANGE	C	KEY SW. 2	
9	BROWN	26	S25	24V. A.C.
* 9	"	1	L/TOWER	
10				
11	YELLOW	30	S25	+

### M.P.U. Input/Output Chart

### M.P.U. Input/Output Chart

[illegible]









### M.P.U. Input/Output Chart

[illegible]

### M.P.U. Input/Output Chart

### M.P.U. Input/Output Chart

[illegible]





### M.P.U. Input/Output Chart

[illegible]