

PINOUT INFORMATION

<u>PIN</u>	<u>COLOUR</u>	<u>FUNCTION</u>
1.	YEL/BLK	10p MICROSWITCH OR N.P.N OPEN COLLECTOR INPUT.
2.	N/C	10p MICROSWITCH OR N.P.N. OPEN COLLECTOR INPUT.
3.	WHT/BLU	10p PNP INPUT (MS 111/SENTINEL)
4.	N/C	20p INPUT (MICROSWITCH)
5.	WHT/GRN	20p INPUT (MS 111/SENTINEL)
6.	N/C	50p INPUT (MICROSWITCH)
7.	WHT/BLK	50p INPUT (MS 111/SENTINEL)
8.	N/C	50p INPUT (MICROSWITCH)
9.	WHT/YEL	£1 INPUT (MS 111/SENTINEL)
10.	BLU/BLK	0 VOLTS (10p INHIBIT)
11.	BLU/YEL	0 VOLTS (20p INHIBIT)
12.	BLU/ORG	0 VOLTS (50p INHIBIT)
13.	BLU/WHT	0 VOLTS (£1 INHIBIT)
14.	BLACK	0 VOLTS
15.	BLACK	0 VOLTS
16.	N/C	0 VOLTS
17.	N/C	0 KEYWAY
18.	ORANGE	+ 12v DC
19.	ORANGE	+ 12v DC
20.	ORANGE	+ 12v DC
21.	BLU/YO	+ 12v DC
22.	WHT/RED	- POSITIVE COMMON FOR MS111/SENTINEL
23.	ORG/BLK	METER OUTPUT (NPN OPEN COLLECTOR)
24.	N/C	CREDIT OUTPUT (NPN OPEN COLLECTOR)
		0 VOLTS

NOTES:-

- 1) Use 0 volts for negative common if plugging into MS 125 separator unit.
- 2) Ensure that there is no coin meter connected across any input, eg. Via a microswitch or an adaptor card.
- 3) The meter will always total cash in 10p units regardless of any credit setting.
- 4) More than one coin mech may be fed into the PCB.

e.g.	A)	S10	(up to four)
	B)	S10	X MS 111
	C)	S10	X MS 125
	D)	S10	X Sentinel
- 5) Most credit boards are supplied with a standard credit loom.
(Part No 16684) fitted with a male 6 way amp mate 'N' lock connector.

Pinouts are shown below.

<u>PIN</u>	<u>COLOUR</u>	<u>FUNCTION</u>
1.	ORANGE	+12v DC SUPPLY
2.	PINK	+5v DC (LAMP SUPPLY)
3.	N/C	
4.	WHT/RED	TO COIN METER
5.	BLACK	0v DC
6.	ORG/BLK	COIN INPUT TO GAME PCB.

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22 WAY EDGE CONNECTOR

CONNECTOR A

LOGIC PCB

KEYWAY PIN 7, H

BLK/RED	GND	1	A	GND	BLK/YEL
BLK	GND	2	B	GND	BLK
PNK	+5v	3	C	+5v	PNK
PNK	+5v	4	D	+5v	PNK
VIO	-5v	5	E		
RED/BLK	+13v	6	F		
	KEYWAY	7	H	KEYWAY	
GRY/WHT	L. SPEAKER	8	J	L. SPEAKER	WHT/GRY
GRY/BLK	R. SPEAKER	9	K	R. SPEAKER	BLK/GRY
ORG/BLK	COIN A	10	L	COIN B	YEL/BLK
		11	M		
WHT/ORG	METER A	12	N	METER B	WHT/YEL
RED/ORG	SERVICE SW	13	P		
GRN/BLK	START SW	14	R	START LAMP	YEL/VIO
		15	S		
		16	T		
BRN/PNK	ADJ 2 (accelerator)	17	U	+24v	GRY
BRN/YEL	ADJ 1 (steering)	18	V	DRIVE	BLK/WHT
ORG/BLU	HANDLE	19	W		
YEL/BLU	ACCEL	20	X	BRAKE	BLU/YEL
BLK	GND	21	Y	GND	BLK
BLK/GRN	GND	22	Z	GND	BLK/GRN

CONNECTOR B

COMMUNICATION PCB

5 WAY JST N/H SERIES 0.1" PITCH

1	+5v	PNK
2	+5v	PNK
3	GND	BLK
4	GND	BLK
5	GND	BLK

CONNECTOR C

VIDEO PCB

12 WAY MOLEX 0.156" PITCH KEYWAY 10

1	GND	BLK
2	GND	BLK
3	GND	BLK
4	GND	BLK
5	GND	BLK
6		
7	+5v	PNK
8	+5v	PNK
9	+5v	PNK
10	KEYWAY	
11	+5v	PNK
12	+5v	PNK

CONNECTOR D

VIDEO PCB

5 WAY ST N/H SERIES 0.1" PITCH

5	VIDEO RED	RED
4	VIDEO GRN	GRN
3	VIDEO BLU	BLU
2	V-SYNC	WHT
1	VIDEO GND	BLK/BLU

CONNECTOR F

P.S.U

9 WAY AMP M+L PLUG MALE PINS

1	+5v	PNK	BLK/YEL & BLK/RED
2	+5v	PNK	BLK/GRN
3			BLK
4	GND		BLK/PNK
5	GND		ORC
6	GND		VIO
7	GND		
8	+12v		
9	-5v		

CONNECTOR J

9 WAY AMP MINI M+L SOCKET

- 1 START SW GRN/BLK
- 2 GND BLK
- 3 HANDLE ORG/BLU
- 4 +5v PNK
- 5 START LAMP VIO/YEL
- 6 +13v RED/BLK
- 7 +24v GRY
- 8 DRIVE BLK/WHT
- 9 EARTH GRN/YEL

STEERING MECH

6 WAY AMP M + L SOCKET

- 1 GND BLK
- 2 BRAKE BLU/YEL
- 3 +5v PNK
- 4 GND BLK
- 5 ACCEL YEL/BLU
- 6 +5v PNK

CONNECTOR K

.187 FASTONS

- 1 L/H/S SPEAKER (+)
- 2 L/H/S SPEAKER (-)

GRY/WHT
WHT/GRY

SPEAKER LEFT

CONNECTOR L

.187 FASTONS

- 1 R/H/S SPEAKER (+)
- 2 R/H/S SPEAKER (-)

GRY/BLK
BLK/GRY

SPEAKER RIGHT

CONNECTOR M

3 WAY AMP M+L SOCKET MALE PINS

- 1 +5v PNK
- 2 CREDIT BD WHT/RED
- 3 METER A WHT/ORG
- 4 METER B WHT/YEL (tied back)

COIN DOOR

CONNECTOR P

MINI PUSH BUTTON

SERVICE SW

- 1 SERVICE SW ORG/RED
- 2 GND BLK

CONNECTOR R

VOL 1

FIT 100 ohm POT

- 1 L/H/S SPEAKER (+)
- 2 CENTER
- 3 L/H/S SPEAKER (-)

GRY/WHT
WHT/GRY
WHT/GRY

CONNECTOR S

VOL 2

FIT 100 ohm POT

- 1 R/H/S SPEAKER (+)
- 2 CENTER
- 3 R/H/S SPEAKER (-)

GRY/BLK
BLK/GRY
BLK/GRY

CONNECTOR T and V

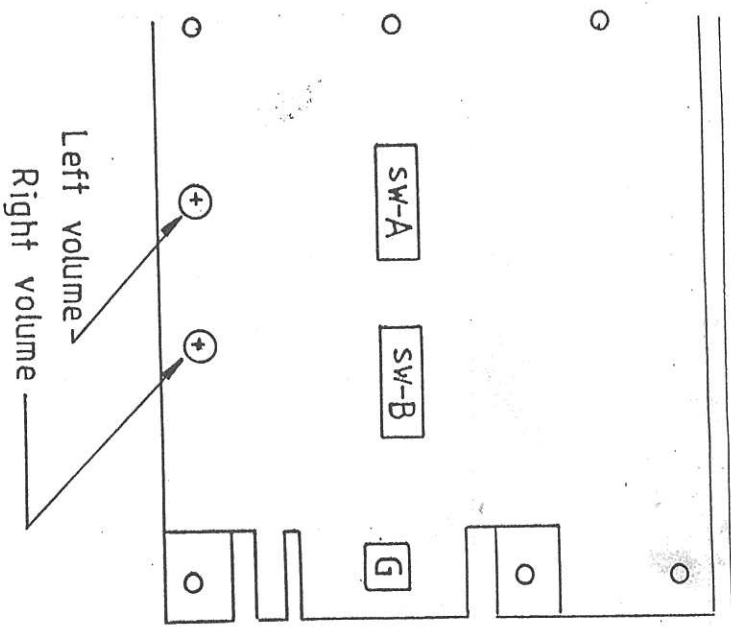
ADJUST 1 and 2 ACCEL and HANDLE

FIT SK ohm POT

- 1 ADJ GND
- 2 ADJ CENTER
- 3 ADJ +5v

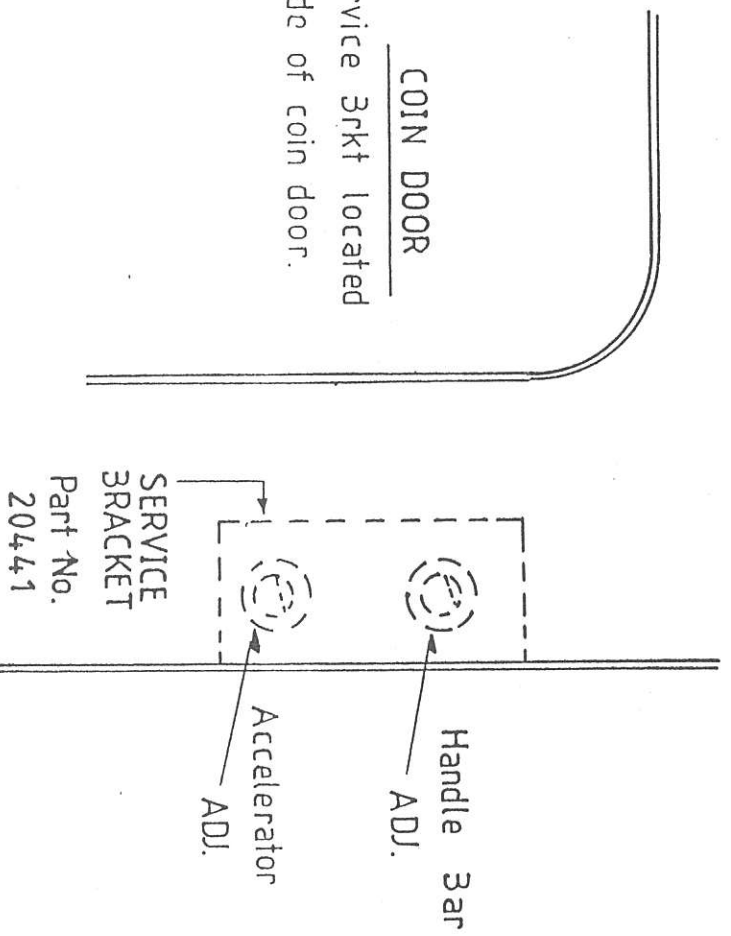
BLK
BRN/YEL / BRN/PNK
PNK

LOCATION of DIP SWs on PC3



G connector - AMP 22P

LOCATION OF HANDLE/ACCELERATOR ADJUSTMENT



COIN DOOR

Service Brkt located
inside of coin door.

SERVICE
BRACKET
Part No.
20441

Handle Bar
ADJ.

Accelerator
ADJ.

ELECTROCOIN AFTERSALES & SERVICE LTD

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FAULTY PARTS IS ESSENTIAL.

Assuring you of the best attention at all times.



JEFF LANGLEY
General Manager

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