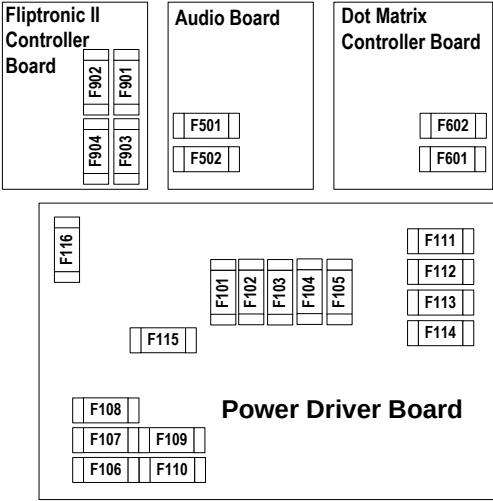


FUSE LIST

POWER DRIVER BOARD			
F101	+50V DC General (Left Flipper)	3A, 250V, SB	
F102	+50V DC General (Right Flipper)	3A, 250V, SB	
F103	Solenoids #25 to #28	3A, 250V, SB	
F104	Solenoids #9 to #16	3A, 250V, SB	
F105	Solenoids #1 to #8	3A, 250V, SB	
F106	G.I. #5 White-Violet	5A, 250V, SB	
F107	G.I. #4 White-Green	5A, 250V, SB	
F108	G.I. #3 White-Yellow	5A, 250V, SB	
F109	G.I. #2 White-Orange	5A, 250V, SB	
F110	G.I. #1 White-Brown	5A, 250V, SB	
F111	Flasher Secondary	5A, 250V, SB	
F112	Solenoid Secondary	7A, 250V, SB	
F113	+5V Logic	5A, 250V, SB	
F114	+18V Lamp Matrix	8A, 32V, N.B.	
F115	+12V Lamp Matrix	3/4A, 250V, FB	
F116	+12V Secondary	3A, 250V, SB	
Audio Board			
F501	-25V	3A, 250V, SB	
F502	+25V	3A, 250V, SB	
Dot Matrix Controller Board			
F601	+62V	3/8A, 250V, FB	
F602	-113V & -125V	3/8A, 250V, FB	
LINE FILTER			
Foreign		5A, 250V, SB	
Domestic		8A, 250V, SB	



Fliptronic II Controller Board			
F901	Upper Right Flipper	3A, 250V, SB	
F902	Upper Left Flipper	3A, 250V, SB	
F903	Lower Right Flipper	3A, 250V, SB	
F904	Lower Left Flipper	3A, 250V, SB	

SOLENOID/FLASHER TABLE

Sol No.	Function	Solenoid Type	Voltage Connections			Drive Xistor	Drive Connections			Drive Wire Color	Solenoid Part Number Flashlamp Type	
			Playfield	Backbox	Cabinet		Playfield	Insert	Cabinet		Playfield	Insert
01	BALL TROUGH	High Power	J107-2			Q82	J130-1			VIO-BRN	AE-23-800	
02	LOCKUP KICKOUT	High Power	J107-2			Q80	J130-2			VIO-RED	A-14189	
03	LEFT DIVERTER LEFT	High Power	J107-2			Q78	J130-4			VIO-ORG	AE-25-1000	
04	LEFT DIVERTER RIGHT	High Power	J107-2			Q76	J130-5			VIO-YEL	AE-25-1000	
05	RIGHT DIVERTER LEFT	High Power	J107-2			Q64	J130-6			VIO-GRN	AE-25-1000	
06	RIGHT DIVERTER RIGHT	High Power	J107-2			Q66	J130-7			VIO-BLU	AE-25-1000	
07	KNOCKER	High Power		J107-2		Q68		J130-8		VIO-BLK		AE-23-800
08	WALL TARGET UP	High Power	J107-2			Q70	J130-9			VIO-GRY	AE-23-800	
09	LEFT SLINGSHOT	Low Power	J107-3			Q58	J127-1			BRN-BLK	AE-26-1200	
10	RIGHT SLINGSHOT	Low Power	J107-3			Q56	J127-3			BRN-RED	AE-26-1200	
11	RIGHT EJECT	Low Power	J107-3			Q54	J127-4			BRN-ORG	AE-27-1200	
12	LEFT EJECT	Low Power	J107-3			Q52	J127-5			BRN-YEL	AE-26-1500	
13	BALL RELEASE	Low Power	J107-3			Q50	J127-6			BRN-GRN	AE-26-1500	
14	BALL POPPER	Low Power	J107-2			Q48	J127-7			BRN-BLU	AE-25-1000	
15	MINI KICKER	Low Power	J107-3			Q46	J127-8			BRN-VIO	AE-25-1000	
16	WALL TARGET DOWN	Low Power	J107-3			Q44	J127-9			BRN-GRY	SM-30-1100-	DC
17	MINI PLAYFIELD FLASHER	Flasher	J107-6	J106-5		Q42	J126-1			BLK-BRN	#89	#906 (2)
18	LEFT SIDE FLASHER	Flasher	J107-6	J106-5		Q40	J126-2			BLK-RED	#89	#906
19	MINI MOTOR RIGHT	Flasher	J116-2			Q38	J126-3			BLK-ORG	14-8018	
20	MINI MOTOR LEFT	Flasher	J116-2			Q36	J126-4			BLK-YEL	14-8018	
21	RIGTH SIDE FLASHER	Flasher	J107-6			Q28	J126-5			BLU-GRN	#906, #89	
22	RIGHT RAMP FLASHER	Flasher	J107-6			Q30	J126-6			BLU-BLK	#906, #89	
23	LEFT RAMP FLASHER	Flasher	J107-6			Q34	J126-7			BLU-VIO	#906, #89	
24	MINI DROP BANK	Flasher	J107-1			Q32	+J126-8			BLU-GRY	AE-25-1000	
25	SINGLE DROP UP	Gen. Purpose	J107-1			Q26	+J122-1			BLU-BRN	AE-26-1200	#906
26	LEFT BACK FLASHER	Gen. Purpose	J107-6	J106-5		Q24	J122-2	J124-2		BLU-RED	#906	#906
27	CENTER BACK FLASHER	Gen. Purpose	J107-6	J106-5		Q22	J122-3	J124-3		BLU-ORG	#906	#906
28	RIGHT BACK FLASHER	Gen. Purpose	J107-6	J106-5		Q20	J122-4	J124-5		BLU-YEL	#906	#906
35	MAGNET	High Power	J907-8,9			Q2	J902-3			YEL-GRY	20-9247	
36	SINGLE DROP DOWN	Low Power	J907-8,9			Q7	J902-1			ORG-GRY	SM1-26-600	
General Illumination			Voltage Connections			Drive Xistor	Drive Connections			Drive Wire	Bulb Type	
			Playfield	Insert	Cabinet		Playfield	Insert	Cabinet		Playfield	Insert
01	BOTTOM PLAYFIELD	G.I.	J121-1			Q18	J121-7			WHT-BRN	#44	
02	TOP LEFT PLAYFIELD	G.I.	J121-2			Q10	J121-8			WHT-ORG	#44	
03	INSERT BOTTOM	G.I.		J120-3		Q14		J120-9		WHT-YEL		#555
04	INSERT TOP	G.I.		J120-5		Q16		J120-10		WHT-GRN		#555
05	TOP RIGHT PLAYFIELD	G.I.	J121-6			Q12	J121-11			WHT-VIO	#44	
Flipper Circuits			Playfield Voltage Connection		Drive Transistors Power	Hold	Playfield Drive Connections		Drive Wire Colors		Coil Part No.	Coil Colors
29	LOWER RIGHT FLIPPER	Power	J907-1 (RED-GRN)		Q4		J902-13		YEL-GRN		FL-11629	BLUE
30		Hold	J907-1 (RED-GRN)			Q11	J902-11		ORG-GRN			
31	LOWER LEFT FLIPPER	Power	J907-4 (RED-BLU)		Q3		J902-9		YEL-BLU		FL-11629	BLUE
32		Hold	J907-4 (RED-BLU)			Q9	J902-7		ORG-BLU			
33	UPPER RIGHT FLIPPER	Power	J907-6 (RED-VIO)		Q2		J902-6		YEL-VIO		FL-15411	ORANGE
34		Hold	J907-6 (RED-VIO)			Q7	J902-4		ORG-VIO			
35	NOT USED	Power	J907-8 (RED-GRY)		Q1		J902-3		YEL-GRY		NOT USED	NOT USED
36		Hold	J907-8 (RED-GRY)			Q5	J920-1		ORG-GRY			

J1xx = Power Driver Board + Tieback Diode J122 (loop) from J126-11 (end).
J9xx = Fliptronic II Board

LAMP MATRIX

Column Row	1 Yellow- Brown J137-1 Q98	2 Yellow- Red J137-2 Q97	3 Yellow- Orange J137-3 Q96	4 Yellow- Black J137-4 Q95	5 Yellow- Green J137-5 Q94	6 Yellow- Blue J137-6 Q93	7 Yellow- Violet J137-7 Q92	8 Yellow- Grey J137-9 Q91
1 Red- Brown J133-1 Q90	SHOOT AGAIN 11	LEFT RAMP JACKPOT 21	SCARF SCENES COMPLETE 31	RIGHT RAMP ARROW 41	LOCK 2 51	MINI LEFT STANDUP 4 61	MINI RIGHT STANDUP 4 71	LEFT RAMP LEFT RING 81
2 Red- Black J133-2 Q89	LEFT OUTLANE 12	MON(G)OL 22	SCARF BATTLE- FIELD 32	RIGHT RAMP JACKPOT 42	LOCK 3 52	MINI LEFT STANDUP 23 62	MINI RIGHT STANDUP 3 72	LEFT RAMP RIGHT RING 82
3 Red- Orange J133-4 Q88	LEFT RETURN LANE 13	LEFT RAMP ARROW 23	SCARF SHADOW MULTIBALL 33	"START SCENE" 43	LOCK 1 53	MINI LEFT STANDUP 12 63	MINI RIGHT STANDUP 2 73	RIGHT RAMP LEFT RING 83
4 Red- Yellow J133-5 Q87	RIGHT RETURN LANE 14	MO(N)GOL 24	SCARF KHAN MULTIBALL 34	WHO KNOWS 44	INNER SANCTUM ARROW 54	MINI LEFT STANDUP 1 64	MINI RIGHT STANDUP 1 74	RIGHT RAMP RIGHT RING 84
5 Red- Green J133-6 Q86	RIGHT OUTLANE 15	M(O)NGOL 25	PUNISH GUILTY 35	EXTRA BALL 45	CENTER STANDUP 55	MINI TOP CENTER LEFT 65	MINI TOP CENTER RIGHT 75	RIGHT EJECT ARROW 85
6 Red- Blue J133-7 Q85	MONGO(L) 16	(M)ONGOL 26	DUAL OF WILLS 36	FINAL BATTLE 46	BATLLE- FIELD READY 56	KHAN MULTIBALL 66	LEFT LOOP JACKPOT 76	MONG(O)L 86
7 Red- Violet J133-8 Q84	RIGHT LOOP ARROW 17	FARLEY CLAYMORE 27	BERYLLIUM SPHERE 37	SHADOW LOOP 47	BATTLE DROP JACKPOT 57	SUPER JACKPOT 67	LEFT MONGOL HURRY 77	BUY-IN BUTTON 87
8 Red- Grey J133-9 Q83	RIGHT MONGOL HURRY 18	UNDER WATER DOOM 28	HOTEL MONOLITH 38	INNER LOOP JACKPOT 48	INNER LOOP ARROW 58	BATTLE DROP ARROW 68	LEFT LOOP ARROW 78	CREDIT BUTTON 88

J1XX = Power Driver Board

SWITCH MATRIX

DEDICATED GROUNDED SWITCHES	Column Row	White  Green								FLIPPER GROUNDED SWITCHES
		1 Green-Brown J207-1 U20-18	2 Green-Red J207-2 U20-17	3 Green-Orange J207-3 U20-16	4 Green-Yellow J207-4 U20-15	5 Green-Black J207-5 U20-14	6 Green-Blue J207-6 U20-13	7 Green-Violet J207-7 U20-12	8 Green-Grey J207-9 U20-11	
Orange-Brown J205-1 LEFT COIN CHUTE U17-5	D1	GUN TRIGGER 11	SLAM TILT 21	LEFT RAMP ENTER 31	TROUGH 1 41	WALL TARGET DOWN 51	LEFT SLING SHOT 61	MINI LEFT STANDUP 1 71	MINI RIGHT STANDUP 4 81	Black-Green J906-1 Lower Right Flipper E.O.S. F1
Orange-Red J205-2 CENTER COIN CHUTE U17-7	D2	RIGHT PHURBA CONTROL 12	COIN DOOR CLOSED 22	RIGHT RAMP ENTER 32	TROUGH 2 42	MO(N)GOL TARGET 52	RIGHT SLING SHOT 62	MINI LEFT STANDUP 2 72	MINI RIGHT STANDUP 3 82	Black-Violet J905-1 Lower Right Flipper Opto F2
Orange-Black J205-3 RIGHT COIN CHUTE U17-11	D3	START BUTTON 13	BUY-IN BUTTON 23	INNER SANCTUM 33	TROUGH 3 43	MON(G)OL TARGET 53	LOCKUP RIGHT 63	MINI LEFT STANDUP 3 73	NOT USED 83	Black-Blue J906-3 Lower Left Flipper E.O.S. F3
Orange-Yellow J205-4 4 TH COIN CHUTE U17-9	D4	PLUMB BOB TILT 14	ALWAYS CLOSED 24	LEFT PHURBA CONTROL 34	TROUGH 4 44	LEFT LOOP ENTER 54	LOCKUP MIDDLE 64	MINI LEFT STANDUP 4 74	MINI RIGHT STANDUP 1 84	Black-Gray J905-2 Lower Left Flipper Opto F4
Orange-Green J205-6 Normal Function Srv Crdts	D5	RIGHT OUTLANE 15	(M)ONGOL TARGET 25	LEFT RUBBER 35	TROUGH 4 45	BATTLE DROP DOWN 55	LOCKUP LEFT 65	LEFT RAMP LEFT MADE 75	MINI DROP LEFT 85	Black-Violet J906-4 Upper Right Flipper E.O.S. F5
Orange-Blue J205-7 Normal Function Volume Dn	D6	RIGHT RETURN LANE 16	M(O)NGOL TARGET 26	MINI KICKER 36	TOP TROUGH 46	CENTER STANDUP 56	LEFT EJECT 66	LEFT RAMP RIGHT MADE 76	MINI DROP MIDDLE LEFT 86	Black-Yellow J905-3 Upper Right Flipper Opto F6
Orange-Violet J205-8 Normal Function Volume Up	D7	LEFT RETURN LANE 17	MONGO(L) TARGET 27	MINI LIMIT LEFT 37	INNER LOOP ENTER 47	RIGHT LOOP ENTER 57	RIGHT EJECT 67	RIGHT RAMP LEFT MADE 77	MINI DROP MIDDLE RIGHT 87	Black-Gray J906-5 Upper Left Flipper E.O.S. F7
Orange-Grey J205-9 Normal Function Begin Test	D8	LEFT OUTLANE 18	MONG(O)L TARGET 28	MINI LIMIT RIGHT 38	SHOOTER 48	MINI EXIT TUBE 58	POPPER 68	RIGHT RAMP RIGHT MADE 78	MINI DROP RIGHT 88	Black-Blue J905-5 Upper Left Flipper Opto F8

J2XX = CPU Board; J9XX = Fliptronic II Board

 = OPTO, TYPICALLY CLOSED