



FUSES

Fuse Name	Fuse Current	Type	Fuse Voltage
Coil Driver C5	6.3A	5x20 Slow Blow	250V
	6.3A	5x20 Slow Blow	250V
Coil Driver C6	6.3A	5x20 Slow Blow	250V
	4A	5x20 Slow Blow	250V
Main Fuse	6A	3AG Slow Blow	250V

Board C5 - Dip Switch 1,3 ON Coil Locations Q = Transistor IRL540N

	BRN	BLK	BRN	GRY	BRN	RED	BRN	ORG	BRN	YEL	BRN	GRN	BRN	BLU	BRN	VIO
48v Power	Pin#1		Pin#3		Pin#4		Pin#5		Pin#6		Pin#7		Pin#8		Pin#9	
	Auto Fire		Through Kicker		Lower Catapult		Right flipper Main		Right flipper Hold		Left Flipper Main		Left Flipper Hold		Left Slingshot	
	Q1		Q2		Q3		Q4		Q5		Q6		Q7		Q8	
	BLU	BLK	BLU	BRN	BLU	RED	BLU	ORG	BLU	YEL	BLU	GRN	BLU	GRY	BLU	VIO
48v Power	Pin#1		Pin#2		Pin#4		Pin#5		Pin#6		Pin#7		Pin#8		Pin#9	
	Trunk Diverter		Upper VUK		Subway Release		Scoop		Left Magnet		Right Magnet		Center Magnet		Right Slingshot	
	Q9		Q10		Q11		Q12		Q13		Q14		Q15		Q16	

Board C6 - Dip Switch 2,3 ON Coil Locations Q = Transistor IRL540N

	BLK	GRY	BLK	BRN	BLK	RED	BLK	ORG	BLK	YEL	BLK	GRN	BLK	BLU	BLK	VIO
12v Power	Pin#1		Pin#3		Pin#4		Pin#5		Pin#6		Pin#7		Pin#8		Pin#9	
	General Illumination		Spotlight lower left		Not Used		Backpanel LED strip		Not Used		Spotlight Lower Right		Spotlight Stage		Spotlight Trunk	
	Q1		Q2		Q3		Q4		Q5		Q6		Q7		Q8	
	RED	BLK	RED	BRN	RED	GRY	RED	ORG	RED	YEL	RED	GRN	RED	BLU	RED	VIO
48v Power	Pin#1		Pin#2		Pin#4		Pin#5		Pin#6		Pin#7		Pin#8		Pin#9	
	Left Lock Release		Left Popbumper		Right Popbumper		Top Popbumper		UpPost Diverter		Upper Catapult		Trunk Lid		Not Used	
	Q9		Q10		Q11		Q12		Q13		Q14		Q15		Q16	



Switch Locations - Board 0 - Dip switch - All off

Board 0 Bank A	Return 1 Pin 2	Return 2 Pin 3	Return 3 Pin 4	Return 4 Pin 5	Return 5 Pin 6	Return 6 Pin 7	Return 7 Pin 8	Return 8 Pin 9
Ground	BLK S/U GRY 0	BLK S/U BRN 1	BLK S/U RED 2	BLK S/U ORG 3	BLK S/U YEL 4	BLK S/U GRN 5	BLK S/U BLU 6	BLK S/U VIO 7
BLK - pin 10	(E)scape	e(S)cape	es(C)ape	esc(A)pe	esca(P)e	escap(E)	Left Orbit	Right Orbit
Board 0 Bank B	Return 1 Pin 2	Return 2 Pin 3	Return 3 Pin 4	Return 4 Pin 5	Return 5 Pin 6	Return 6 Pin 7	Return 7 Pin 8	Return 8 Pin 9
Ground	BRN Micro BLK 8	BRN Micro GRY 9	BRN S/U RED 10	BRN Leaf ORG 11	BRN Micro YEL 12	BRN Micro GRN 13	BRN BLU 14	BRN Micro VIO 15
BLK - pin 10	Lower Catapult	Milk Can	Left Magic Standup	Left Slingshot	Left In-lane	Left Outlane	Left Flipper EOS	Upper Catapult

Board 1 - Dip switch 1 ON

Board 1 Bank A	Return 1 Pin 2	Return 2 Pin 3	Return 3 Pin 4	Return 4 Pin 5	Return 5 Pin 6	Return 6 Pin 7	Return 7 Pin 8	Return 8 Pin 9
Ground	RED Opto BLK 16	RED Opto BRN 17	RED Opto GRY 18	RED Opto ORG 19	RED Micro YEL 20	RED Micro GRN 21	RED Micro BLU 22	RED Micro VIO 23
BLK - pin 10	Ramp Entry	Wire Ramp Exit	Stage Back	Stage	Left lock 1	Left lock 2	Left lock 3	Middle Upper Orbit
Board 1 Bank B	Return 1 Pin 2	Return 2 Pin 3	Return 3 Pin 4	Return 4 Pin 5	Return 5 Pin 6	Return 6 Pin 7	Return 7 Pin 8	Return 8 Pin 9
Ground	ORG BLK 24	ORG Micro BRN 25	ORG S/U RED 26	ORG Leaf GRY 27	ORG Leaf YEL 28	ORG Leaf GRN 29	ORG Micro BLU 30	ORG Micro VIO 31
BLK - pin 10	Not Used	VUK	Key Standup	Top Popbumper	Right Popbumper	Left Popbumper	Stage Alley	Key Lane

Board 2 - Dip switch 2 ON

Board 2 Bank A	Return 1 Pin 2	Return 2 Pin 3	Return 3 Pin 4	Return 4 Pin 5	Return 5 Pin 6	Return 6 Pin 7	Return 7 Pin 8	Return 8 Pin 9
Ground	YEL Opto BLK 32	YEL Opto BRN 33	YEL Opto RED 34	YEL Opto ORG 35	YEL Opto GRY 36	YEL Opto GRN 37	YEL Opto BLU 38	YEL Opto VIO 39
BLK - pin 10	Right Lock #1	Right lock #2	Right Lock #3	Magic Shop	Front of Stage	Stage Exit	Trunk	Trunk Lid
Board 2 Bank B	Return 1 Pin 2	Return 2 Pin 3	Return 3 Pin 4	Return 4 Pin 5	Return 5 Pin 6	Return 6 Pin 7	Return 7 Pin 8	Return 8 Pin 9
Ground	GRN S/U BLK 40	GRN S/U BRN 41	GRN S/U RED 42	GRN S/U ORG 43	GRN S/U YEL 44	GRN S/U GRY 45	GRN Micro BLU 46	GRN Micro VIO 47
BLK - pin 10	(S)eance	s(E)ance	se(A)nce	sea(N)ce	sean(C)e	seanc(E)	Right Inner Loop	Upper Inner Loop

Board 3 - Dip switch 1,2,8 ON

Board 3 Bank A	Return 1 Pin 2	Return 2 Pin 3	Return 3 Pin 4	Return 4 Pin 5	Return 5 Pin 6	Return 6 Pin 7	Return 7 Pin 8	Return 8 Pin 9
Ground	BLU Micro BLK 48	BLU Micro BRN 49	BLU Micro RED 50	BLU Micro ORG 51	BLU Micro YEL 52	BLU Micro GRN 53	BLU Micro GRY 54	BLU Micro VIO 55
BLK - pin 10	Ball Trough #1	Ball Through #2	Ball Trough #3	Ball Through #4	Ball Trough #5	Ball Through #6	Ball Through Jam	Right Flipper EOS
Board 3 Bank B	Return 1 Pin 2	Return 2 Pin 3	Return 3 Pin 4	Return 4 Pin 5	Return 5 Pin 6	Return 6 Pin 7	Return 7 Pin 8	Return 8 Pin 9
Ground	VIO Micro BLK 56	VIO Micro BRN 57	VIO Leaf RED 58	VIO Micro ORG 59	VIO Leaf YEL 60	VIO S/U GRY 61	VIO Micro BLU 62	VIO Micro GRY 63
BLK - pin 10	Shooter Lane	Right Outlane	Not Used	Right Inlane	Right Slingshot	right magic standup	Scoop	Spinner

Board 4 - Dip switch 3,8 ON

Board 4 Bank A	Return 1 Pin 2	Return 2 Pin 3	Return 3 Pin 4	Return 4 Pin 5	Return 5 Pin 6	Return 6 Pin 7	Return 7 Pin 8	Return 8 Pin 9
Ground	WHT Leaf BLK 64	WHT Leaf BRN 65	WHT Micro RED 66	WHT Push ORG 67	WHT Push YEL 68	WHT Push GRN 69	WHT Push BLU 70	WHT N/A VIO 71
BLK - pin 10	Left Flipper button	Right flipper button	Start Button	Enter	Exit	Down	Up	Tilt
Board 4 Bank B	Return 1 Pin 2	Return 2 Pin 3	Return 3 Pin 4	Return 4 Pin 5	Return 5 Pin 6	Return 6 Pin 7	Return 7 Pin 8	Return 8 Pin 9
Ground	GRY N/A BLK 72	GRY Push BRN 73	GRY Micro RED 74	GRY Micro ORG 75	GRY Opto YEL 76	GRY Opto GRY 77	GRY Leaf BLU 78	GRY Open WHT 79
BLK - pin 10	Not Used	Not Used	Coin #1	Coin #2	Dollar Bill Acceptor	Not Used	Not Used	Not Used