

Fuse List:

Wire in	Value	Wire out	description	location
Orn	5 Amp Slo-Blo	Blu	115V Primary Fuse	Bottom Board
	2½ Amp Slo-Blo		230V Primary Fuse	Bottom Board
Wht-Yel	¼ Amp Slo-Blo	Blu-Wht-Red	Displays 69VAC	Bottom Board
Yel	5 Amp Slo-Blo	Red-Wht	Coils 25VAC	Bottom Board
Blu-Blk	5 Amp Slo-Blo	Orn-Blk	Controlled lamps 8VAC	Bottom Board
Yel-Red	7½ Amp	Brn-Red	G.I. Playfield (via Tilt Relay) & Coin Chute 6VAC	Bottom Board
Yel-Red	7½ Amp	Wht-Red	G.I. Name & Scene Lights 6VAC	Bottom Board
Red	2 Amp Slo-Blo	Wht-Blk	"A" Target Bank Reset	Playfield
Red	1 Amp Slo-Blo	Orn-Blk	"Q" Target Bank Reset	Playfield
Red	1 Amp Slo-Blo	Brn-Red	"10-J" Target Bank Reset	Playfield
Red	½ Amp Slo-Blo	Blu-Orn	Out Hole	Playfield
Brn-Blk	2 Amp Slo-Blo	Grn-Yel	"K" Target Bank Reset	Playfield

Switch Matrix

	RETURN 0 A1J7-12 & A1J6-3 Yellow	RETURN 1 A1J7-13 Blue-White	RETURN 2 A1J7-14 Orange-White	RETURN 3 A1J7-17 Brown-White	RETURN 4 A1J7-16 Green-White	RETURN 5 A1J7-15 Purple-White	RETURN 6 A1J7-11 Yellow-White	RETURN 7 A1J7-10 Yellow-Black
STROBE 0 A1J7-2 A1J6-8 Blue	Test Button Blue-White SW.00	Pop Bumper Switches (2) Blue-Black SW.10	Extra Ball Target Yellow-Green SW.20	Special Rollover Blue-White-Red SW.30	10 Point Contacts (11) Slate-White-Red SW.40	"A" Drop Target Orange-Black SW.50	Not Used SW.60	Not Used SW.70
STROBE 1 A1J7-3 A1J6-4 Orange	#1 Coin Chute Orange-White SW.01	"A" Rollover (2) Yellow-Black SW.11	"10" Drop Target Orange-Green SW.21	"Q" Drop Target White-Blue SW.31	"K" Drop Target Maroon SW.41	"A" Drop Target Brown-Black SW.51	Not Used SW.61	Not Used SW.71
STROBE 2 A1J7-4 A1J6-5 Brown	#2 Coin Chute Brown-White SW.02	"B" Rollover (3) Orange-White SW.12	"J" Drop Target Slate-Green SW.22	"Q" Drop Target White-Orange SW.32	"K" Drop Target Maroon-White SW.42	Joker Drop Target Green-Black SW.52	Not Used SW.62	Not Used SW.72
STROBE 3 A1J7-7 A1J6-6 Green	Replay Button Green-White SW.03	"C" Rollover (2) Slate-White SW.13	"J" Drop Target Slate-Green SW.23	"Q" Drop Target White-Slate SW.33	"K" Drop Target Maroon-Green SW.43	"A" Drop Target Slate-Black SW.53	Not Used SW.63	Not Used SW.73
STROBE 4 A1J7-6 Purple	Tilt Purple-White SW.04	Not Used SW.14	Not Used SW.24	Not Used SW.34	"K" Drop Target Maroon-Yellow SW.44	"A" Drop Target Yellow-Black SW.54	Not Used SW.64	Not Used SW.74

Solenoids

	Solenoid description	Solenoid Type	Power Wire	Fuse	Transfer Wire	Coil Wire Color	Transfer Wire	Connector	Driver Transistor	Transistor Type	Coil Type
L01	Game Over Relay	Controlled	Red			Wht-Blu		A3J5-18	Q01	MPS-U45	A-16890
L02	Tilt Relay	Controlled	Red			Wht-Orn		A3J5-19	Q02	MPS-U45	A-16890
L17	"K" Drop Target Bank Reset	Controlled	Brn-Blk	2 Amp Slo-Blo	Grn-Yel	Pur-Wht-Blk		A3J5-1	Q17 - UPT	MPS-U45 - 2N5875	A-18318
Sol. 1	Outhole	Controlled	Red	½ Amp Slo-Blo	?	Blu-Red		A3J4-6	Q32	2N6043	A-5195
Sol. 2	Knocker	Controlled	Red			Orn-Red		A3J2-1	Q25	2N6043	A-5195
Sol. 3	10's chime	Controlled	Red			Orn-Blk		A3J2-2	Q26	2N6043	A-17876
Sol. 4	100's chime	Controlled	Red			Grn-Red		A3J2-3	Q27	2N6043	A-17876
Sol. 5	1000's chime	Controlled	Red			Pur-Red		A3J2-4	Q28	2N6043	A-17876
Sol. 6	"10-J" Drop Target Bank Reset	Controlled	Red	1 Amp Slo-Blo	Brn-Red	Yel-Red		A3J4-5	Q31	2N6043	A-18102
Sol. 7	"Q" Drop Target Bank Reset	Controlled	Red	1 Amp Slo-Blo	Orn-Blk	Blu-Blk		A3J4-4	Q30	2N6043	A-18102
Sol. 8	"A" Drop Target Bank Reset	Controlled	Red	2 Amp Slo-Blo	Wht-Blk	Orn-Blk		A3J4-2	Q29 - Q45	MPS-U45 - 2N3055	A-17891
	Left Pop Bumper	Directly	Brn-Blk						Switch		A-1496
	Right Pop Bumper	Directly	Brn-Blk						Switch		A-1496
	Kicking Rubber	Directly	Brn-Blk						Switch		A-5194
	Coin Lockout	Directly	Red					A6J1-11	Directly wired to ground		A-16890
	Left Flipper	Directly	Brn-Blk			Grn-Blk		A6J5-4	Button		A-17875
	Right Flipper	Directly	Brn-Blk			Pur-Blk		A6J5-5	Button		A-17875
	Top Flipper	Directly	Brn-Blk			Pur-Blk		A6J5-5	Button		A-17875

2N6043 can be replaced with a TIP 102

UPT = Under Playfield Transistor



JOKER POKER

Lamps and solenoids

transistor	connector	code	description	wire color	transistor type
Q01	J5-18	L01	Game Over Relay	Wht-Blu	MPS-U45
Q Relay			Match / Game Over Light	Yel-Blk	
Q Relay			Ball in Play	Pur-Red	
Q02	J5-19	L02	Tilt Relay	Wht-Orn	MPS-U45
T Relay			Tilt Light	Wht-Brn-Blk	
Q03	J5-17	L03	High Game to Date	Wht-Brn	MPS-U45
Q04	J5-15	L04	Same Player Shoot Again	Wht-Grn	MPS-U45
Q05	J5-13	L05	Not Used	Wht-Pur	MPS-A13
Q06	J5-14	L06	Not Used	Wht-Yel	MPS-A13
Q07	J5-12	L07	Not Used	Blu-Wht-Red	MPS-A13
Q08	J5-11	L08	Aces Bonus	Orn-Wht-Red	MPS-A13
Q09	J5-9	L09	Queens Bonus	Brn-Wht-Red	MPS-A13
Q10	J5-10	L10	Kings Bonus	Grn-Wht-Red	MPS-A13
Q11	J5-8	L11	Jacks Bonus	Pur-Wht-Red	MPS-A13
Q12	J5-7	L12	Tens Bonus	Yel-Wht-Red	MPS-A13
Q13	J5-5	L13	4,000 Bonus	Blu-Wht-Blk	MPS-A13
Q14	J5-6	L14	5,000 Bonus	Orn-Wht-Blk	MPS-A13
Q15	J5-4	L15	3,000 Bonus	Brn-Wht-Blk	MPS-A13
Q16	J5-3	L16	2,000 Bonus	Grn-Wht-Blk	MPS-A13
Q17	J5-1	L17	"K" Drop Target Bank Reset	Pur-Wht-Blk	MPS-A13
Q18	J5-2	L18	1000 Bonus	Yel-Wht-Blk	MPS-A13
Q19	J3-20	L19	Special Rollover	Wht-Blu-Red	MPS-A13
Q20	J3-18	L20	Extra Ball Target	Wht-Orn-Red	MPS-A13
Q21	J3-16	L21	Top "B" Rollover	Wht-Brn-Red	MPS-A13
Q22	J3-17	L22	Top "C" Rollover	Wht-Grn-Red	MPS-A13
Q23	J3-15	L23	Top "A" Rollover	Wht-Pur-Red	MPS-A13
Q24	J3-14	L24	Bottom "C" Rollover	Wht-Yel-Red	MPS-A13
Q33	J3-12	L25	Left Bottom "B" Rollover	Wht-Blu-Blk	MPS-A13
Q34	J3-13	L26	Right Bottom "B" Rollover	Wht-Orn-Blk	MPS-A13
Q35	J3-11	L27	Bottom "A" Rollover	Wht-Brn-Blk	MPS-A13
Q36	J3-9	L28	5x Bonus	Wht-Grn-Blk	MPS-A13
Q37	J3-7	L29	Not Used	Wht-Pur-Blk	MPS-A13
Q38	J3-8	L30	Not Used	Wht-Yel-Blk	MPS-A13
Q39	J3-6	L31	Not Used	Blu-Wht-Wht	MPS-A13
Q40	J3-5	L32	Not Used	Orn-Wht-Wht	MPS-A13
Q41	J3-4	L33	Not Used	Brn-Wht-Wht	MPS-A13
Q42	J3-3	L34	Not Used	Grn-Wht-Wht	MPS-A13
Q43	J3-2	L35	Not Used	Pur-Wht-Wht	MPS-A13
Q44	J3-1	L36	Not Used	Yel-Wht-Wht	MPS-A13
Q32	J4-6	Solenoid 1	Outhole	Blu-Red	2N6043
Q25	J2-1	Solenoid 2	Knocker	Orn-Red	2N6043
Q26	J2-2	Solenoid 3	10's chime	Orn-Blk	2N6043
Q27	J2-3	Solenoid 4	100's chime	Grn-Red	2N6043
Q28	J2-4	Solenoid 5	1000's chime	Pur-Red	2N6043
Q31	J4-5	Solenoid 6	"10-J" Drop Target Bank Reset	Yel-Red	2N6043
Q30	J4-4	Solenoid 7	"Q" Drop Target Bank Reset	Blu-Blk	2N6043
Q29 - Q45	J4-2	Solenoid 8	"A" Drop Target Bank Reset	Orn-Blk	MPS-U45 - 2N3055