



FOR WIRING OF B-2000 ACTION SETS, REFERENCE SERVICE MANUAL, 53-900242.

### COMPONENT LEGEND

SYMBOL	DESCRIPTION	LOCATION
C8	Input Clutch Breaker	Pinsetter Control Box
E5	Fuse - 3/2 Ampere Fuse	Pinsetter Control Box
CN1	Common Receptacle - Cycle Button on Bell Rack	Pinsetter Control Box
CN2	Common Receptacle - Magnet Control Box	Pinsetter Control Box
CN3	Common Receptacle - Magnet Control Box	Pinsetter Control Box
CN5	Common Receptacle - Magnet Control Box	Pinsetter Control Box
CP1	Common Plug - Accelerator Bell Lift	Pinsetter Control Box
CP2	Common Plug - Magnet Control Box	Pinsetter Control Box
CP3	Common Plug - Magnet Control Box	Pinsetter Control Box
CP5	Common Plug - Magnet Control Box	Pinsetter Control Box
RL2	Motor Start Relay	Pinsetter Control Box
RL3	Motor Start Relay	Pinsetter Control Box
SR	Solenoid Releaser	Pinsetter Control Box
SW1	On-Off Switch - Rear	Pinsetter Control Box
SW2	Turret Jam Switch	Pinsetter Control Box
SW3	Deck Jam Switch	Pinsetter Control Box
SW4	Magnetic Clutch Switch	Pinsetter Control Box
SW5	Counter Switch	Pinsetter Control Box
SW6	Cycle Button - Mechanics	Pinsetter Control Box
TS1	Transformer	Pinsetter Control Box
TS2	Transformer	Pinsetter Control Box
TF	Transformer	Pinsetter Control Box
TLP1	Pin Light Plug - Input Power	Pinsetter Control Box
TLP2	Pin Light Plug - Pin Finder	Pinsetter Control Box
TLP3	Pin Light Plug - Cycle Solenoid	Pinsetter Control Box
TLP4	Pin Light Plug - Motor	Pinsetter Control Box
TLP5	Pin Light Plug - Magnet Clutch	Pinsetter Control Box
TLP6	Pin Light Plug - Pin Light Power	Pinsetter Control Box
TLR1	Test Lock Receptacle - Input Power	Pinsetter Control Box
TLR2	Test Lock Receptacle - Pin Finder	Pinsetter Control Box
TLR3	Test Lock Receptacle - Cycle Solenoid	Pinsetter Control Box
TLR4	Test Lock Receptacle - Motor	Pinsetter Control Box
TLR5	Test Lock Receptacle - Magnet Clutch	Pinsetter Control Box
TLR6	Test Lock Receptacle - Pin Light	Pinsetter Control Box
TS1	Terminal Strip - High Voltage	Pinsetter Control Box
TS2	Terminal Strip - High Voltage	Pinsetter Control Box
TS3	Terminal Strip - High Voltage	Pinsetter Control Box
TS4	Terminal Strip - High Voltage	Pinsetter Control Box
TS5	Terminal Strip - High Voltage	Pinsetter Control Box
TS6	Terminal Strip - High Voltage	Pinsetter Control Box
TS7	Terminal Strip - High Voltage	Pinsetter Control Box
TS8	Terminal Strip - High Voltage	Pinsetter Control Box
TS9	Terminal Strip - High Voltage	Pinsetter Control Box
TS10	Terminal Strip - High Voltage	Pinsetter Control Box
TS11	Terminal Strip - High Voltage	Pinsetter Control Box
TS12	Terminal Strip - High Voltage	Pinsetter Control Box
TS13	Terminal Strip - High Voltage	Pinsetter Control Box
TS14	Terminal Strip - High Voltage	Pinsetter Control Box
TS15	Terminal Strip - High Voltage	Pinsetter Control Box
TS16	Terminal Strip - High Voltage	Pinsetter Control Box
TS17	Terminal Strip - High Voltage	Pinsetter Control Box
TS18	Terminal Strip - High Voltage	Pinsetter Control Box
TS19	Terminal Strip - High Voltage	Pinsetter Control Box
TS20	Terminal Strip - High Voltage	Pinsetter Control Box
TS21	Terminal Strip - High Voltage	Pinsetter Control Box
TS22	Terminal Strip - High Voltage	Pinsetter Control Box
TS23	Terminal Strip - High Voltage	Pinsetter Control Box
TS24	Terminal Strip - High Voltage	Pinsetter Control Box
TS25	Terminal Strip - High Voltage	Pinsetter Control Box
TS26	Terminal Strip - High Voltage	Pinsetter Control Box
TS27	Terminal Strip - High Voltage	Pinsetter Control Box
TS28	Terminal Strip - High Voltage	Pinsetter Control Box
TS29	Terminal Strip - High Voltage	Pinsetter Control Box
TS30	Terminal Strip - High Voltage	Pinsetter Control Box
TS31	Terminal Strip - High Voltage	Pinsetter Control Box
TS32	Terminal Strip - High Voltage	Pinsetter Control Box
TS33	Terminal Strip - High Voltage	Pinsetter Control Box
TS34	Terminal Strip - High Voltage	Pinsetter Control Box
TS35	Terminal Strip - High Voltage	Pinsetter Control Box
TS36	Terminal Strip - High Voltage	Pinsetter Control Box
TS37	Terminal Strip - High Voltage	Pinsetter Control Box
TS38	Terminal Strip - High Voltage	Pinsetter Control Box
TS39	Terminal Strip - High Voltage	Pinsetter Control Box
TS40	Terminal Strip - High Voltage	Pinsetter Control Box
TS41	Terminal Strip - High Voltage	Pinsetter Control Box
TS42	Terminal Strip - High Voltage	Pinsetter Control Box
TS43	Terminal Strip - High Voltage	Pinsetter Control Box
TS44	Terminal Strip - High Voltage	Pinsetter Control Box
TS45	Terminal Strip - High Voltage	Pinsetter Control Box
TS46	Terminal Strip - High Voltage	Pinsetter Control Box
TS47	Terminal Strip - High Voltage	Pinsetter Control Box
TS48	Terminal Strip - High Voltage	Pinsetter Control Box
TS49	Terminal Strip - High Voltage	Pinsetter Control Box
TS50	Terminal Strip - High Voltage	Pinsetter Control Box
TS51	Terminal Strip - High Voltage	Pinsetter Control Box
TS52	Terminal Strip - High Voltage	Pinsetter Control Box
TS53	Terminal Strip - High Voltage	Pinsetter Control Box
TS54	Terminal Strip - High Voltage	Pinsetter Control Box
TS55	Terminal Strip - High Voltage	Pinsetter Control Box
TS56	Terminal Strip - High Voltage	Pinsetter Control Box
TS57	Terminal Strip - High Voltage	Pinsetter Control Box
TS58	Terminal Strip - High Voltage	Pinsetter Control Box
TS59	Terminal Strip - High Voltage	Pinsetter Control Box
TS60	Terminal Strip - High Voltage	Pinsetter Control Box
TS61	Terminal Strip - High Voltage	Pinsetter Control Box
TS62	Terminal Strip - High Voltage	Pinsetter Control Box
TS63	Terminal Strip - High Voltage	Pinsetter Control Box
TS64	Terminal Strip - High Voltage	Pinsetter Control Box
TS65	Terminal Strip - High Voltage	Pinsetter Control Box
TS66	Terminal Strip - High Voltage	Pinsetter Control Box
TS67	Terminal Strip - High Voltage	Pinsetter Control Box
TS68	Terminal Strip - High Voltage	Pinsetter Control Box
TS69	Terminal Strip - High Voltage	Pinsetter Control Box
TS70	Terminal Strip - High Voltage	Pinsetter Control Box
TS71	Terminal Strip - High Voltage	Pinsetter Control Box
TS72	Terminal Strip - High Voltage	Pinsetter Control Box
TS73	Terminal Strip - High Voltage	Pinsetter Control Box
TS74	Terminal Strip - High Voltage	Pinsetter Control Box
TS75	Terminal Strip - High Voltage	Pinsetter Control Box
TS76	Terminal Strip - High Voltage	Pinsetter Control Box
TS77	Terminal Strip - High Voltage	Pinsetter Control Box
TS78	Terminal Strip - High Voltage	Pinsetter Control Box
TS79	Terminal Strip - High Voltage	Pinsetter Control Box
TS80	Terminal Strip - High Voltage	Pinsetter Control Box
TS81	Terminal Strip - High Voltage	Pinsetter Control Box
TS82	Terminal Strip - High Voltage	Pinsetter Control Box
TS83	Terminal Strip - High Voltage	Pinsetter Control Box
TS84	Terminal Strip - High Voltage	Pinsetter Control Box
TS85	Terminal Strip - High Voltage	Pinsetter Control Box
TS86	Terminal Strip - High Voltage	Pinsetter Control Box
TS87	Terminal Strip - High Voltage	Pinsetter Control Box
TS88	Terminal Strip - High Voltage	Pinsetter Control Box
TS89	Terminal Strip - High Voltage	Pinsetter Control Box
TS90	Terminal Strip - High Voltage	Pinsetter Control Box
TS91	Terminal Strip - High Voltage	Pinsetter Control Box
TS92	Terminal Strip - High Voltage	Pinsetter Control Box
TS93	Terminal Strip - High Voltage	Pinsetter Control Box
TS94	Terminal Strip - High Voltage	Pinsetter Control Box
TS95	Terminal Strip - High Voltage	Pinsetter Control Box
TS96	Terminal Strip - High Voltage	Pinsetter Control Box
TS97	Terminal Strip - High Voltage	Pinsetter Control Box
TS98	Terminal Strip - High Voltage	Pinsetter Control Box
TS99	Terminal Strip - High Voltage	Pinsetter Control Box
TS100	Terminal Strip - High Voltage	Pinsetter Control Box

### WIRE CHARTS

WIRE NO.	SPECIFICATION	TERMINALS
2	12 Ga. Green	T19-G (Ground)
3	12 Ga. Black	T21-G (Ground)
4	12 Ga. Black	T21-G (Ground)
5	12 Ga. Black	T21-G (Ground)
6	12 Ga. Black	T21-G (Ground)
7	12 Ga. Black	T21-G (Ground)
8	12 Ga. Black	T21-G (Ground)
9	12 Ga. Black	T21-G (Ground)
10	12 Ga. Black	T21-G (Ground)
11	12 Ga. Black	T21-G (Ground)
12	12 Ga. Yellow	T19-G (Ground)
13	12 Ga. Yellow	T19-G (Ground)
14	12 Ga. Yellow	T19-G (Ground)
15	12 Ga. Yellow	T19-G (Ground)
16	12 Ga. Yellow	T19-G (Ground)
17	12 Ga. Yellow	T19-G (Ground)
18	12 Ga. Yellow	T19-G (Ground)
19	12 Ga. Yellow	T19-G (Ground)
20	12 Ga. Yellow	T19-G (Ground)
21	12 Ga. Yellow	T19-G (Ground)
22	12 Ga. Yellow	T19-G (Ground)
23	12 Ga. Yellow	T19-G (Ground)
24	12 Ga. Yellow	T19-G (Ground)
25	12 Ga. Yellow	T19-G (Ground)
26	12 Ga. Yellow	T19-G (Ground)
27	12 Ga. Yellow	T19-G (Ground)
28	12 Ga. Yellow	T19-G (Ground)
29	12 Ga. Yellow	T19-G (Ground)
30	12 Ga. Yellow	T19-G (Ground)
31	12 Ga. Yellow	T19-G (Ground)
32	12 Ga. Yellow	T19-G (Ground)
33	12 Ga. Yellow	T19-G (Ground)
34	12 Ga. Yellow	T19-G (Ground)
35	12 Ga. Yellow	T19-G (Ground)
36	12 Ga. Yellow	T19-G (Ground)
37	12 Ga. Yellow	T19-G (Ground)
38	12 Ga. Yellow	T19-G (Ground)
39	12 Ga. Yellow	T19-G (Ground)
40	12 Ga. Yellow	T19-G (Ground)
41	12 Ga. Yellow	T19-G (Ground)
42	12 Ga. Yellow	T19-G (Ground)
43	12 Ga. Yellow	T19-G (Ground)
44	12 Ga. Yellow	T19-G (Ground)
45	12 Ga. Yellow	T19-G (Ground)
46	12 Ga. Yellow	T19-G (Ground)
47	12 Ga. Yellow	T19-G (Ground)
48	12 Ga. Yellow	T19-G (Ground)
49	12 Ga. Yellow	T19-G (Ground)
50	12 Ga. Yellow	T19-G (Ground)
51	12 Ga. Yellow	T19-G (Ground)
52	12 Ga. Yellow	T19-G (Ground)
53	12 Ga. Yellow	T19-G (Ground)
54	12 Ga. Yellow	T19-G (Ground)
55	12 Ga. Yellow	T19-G (Ground)
56	12 Ga. Yellow	T19-G (Ground)
57	12 Ga. Yellow	T19-G (Ground)
58	12 Ga. Yellow	T19-G (Ground)
59	12 Ga. Yellow	T19-G (Ground)
60	12 Ga. Yellow	T19-G (Ground)
61	12 Ga. Yellow	T19-G (Ground)
62	12 Ga. Yellow	T19-G (Ground)
63	12 Ga. Yellow	T19-G (Ground)
64	12 Ga. Yellow	T19-G (Ground)
65	12 Ga. Yellow	T19-G (Ground)
66	12 Ga. Yellow	T19-G (Ground)
67	12 Ga. Yellow	T19-G (Ground)
68	12 Ga. Yellow	T19-G (Ground)
69	12 Ga. Yellow	T19-G (Ground)
70	12 Ga. Yellow	T19-G (Ground)
71	12 Ga. Yellow	T19-G (Ground)
72	12 Ga. Yellow	T19-G (Ground)
73	12 Ga. Yellow	T19-G (Ground)
74	12 Ga. Yellow	T19-G (Ground)
75	12 Ga. Yellow	T19-G (Ground)
76	12 Ga. Yellow	T19-G (Ground)
77	12 Ga. Yellow	T19-G (Ground)
78	12 Ga. Yellow	T19-G (Ground)
79	12 Ga. Yellow	T19-G (Ground)
80	12 Ga. Yellow	T19-G (Ground)
81	12 Ga. Yellow	T19-G (Ground)
82	12 Ga. Yellow	T19-G (Ground)
83	12 Ga. Yellow	T19-G (Ground)
84	12 Ga. Yellow	T19-G (Ground)

### NOTES:

- MICRO-SWITCH TSC-2 ELIMINATED ON MACHINES AFTER 1965.
- REVISION:
- CONTRACTOR RL3 WAS CHANGED FROM A FACTOR CONTACT TO A 2-POLE CONTACT. CONTACT 7-8 THE FOLLOWING WIRING CHANGES MUST BE MADE FOR NEW CONTACTOR:
  - REMOVE WIRE 29 FROM CONTACT 7.
  - CONNECT WIRE 29 TO TERMINAL 6 ON RL3.
  - REMOVE WIRE H-5 FROM CONTACT 8.
  - REMOVE WIRE 7 FROM TSI-H.
  - SPLICE WIRE 7 AND H-5 TOGETHER WITH WIRE NUT.
  - OTHER WIRES REMAIN ON SAME CONNECTION POINTS.
- NOTE: FOR EARLY MODEL CONTACTORS REFERENCE "CONTACTOR REPLACEMENT INSTRUCTIONS" MANUAL, 12-900289.
- TIME DELAY MODULE CONNECTIONS 19 AND 20 ARE LOCATED NEAR THE TOP OF THE PINSETTER SCHEMATIC IN THE CYCLE SOLENOID AREA.

LEAD	TERMINAL
Yellow	V3
Blue	T52-4 (Top)
Orange	T52-6 (Top)
Tan	T52-7 (Top)
H1	T51-H (Right)
H2	T51-G (Left)
H3	T51-F (Right)
H4	T51-E (Right)
H5	RL3-B

PINSETTER WIRING DIAGRAM - 208 VOLTS

