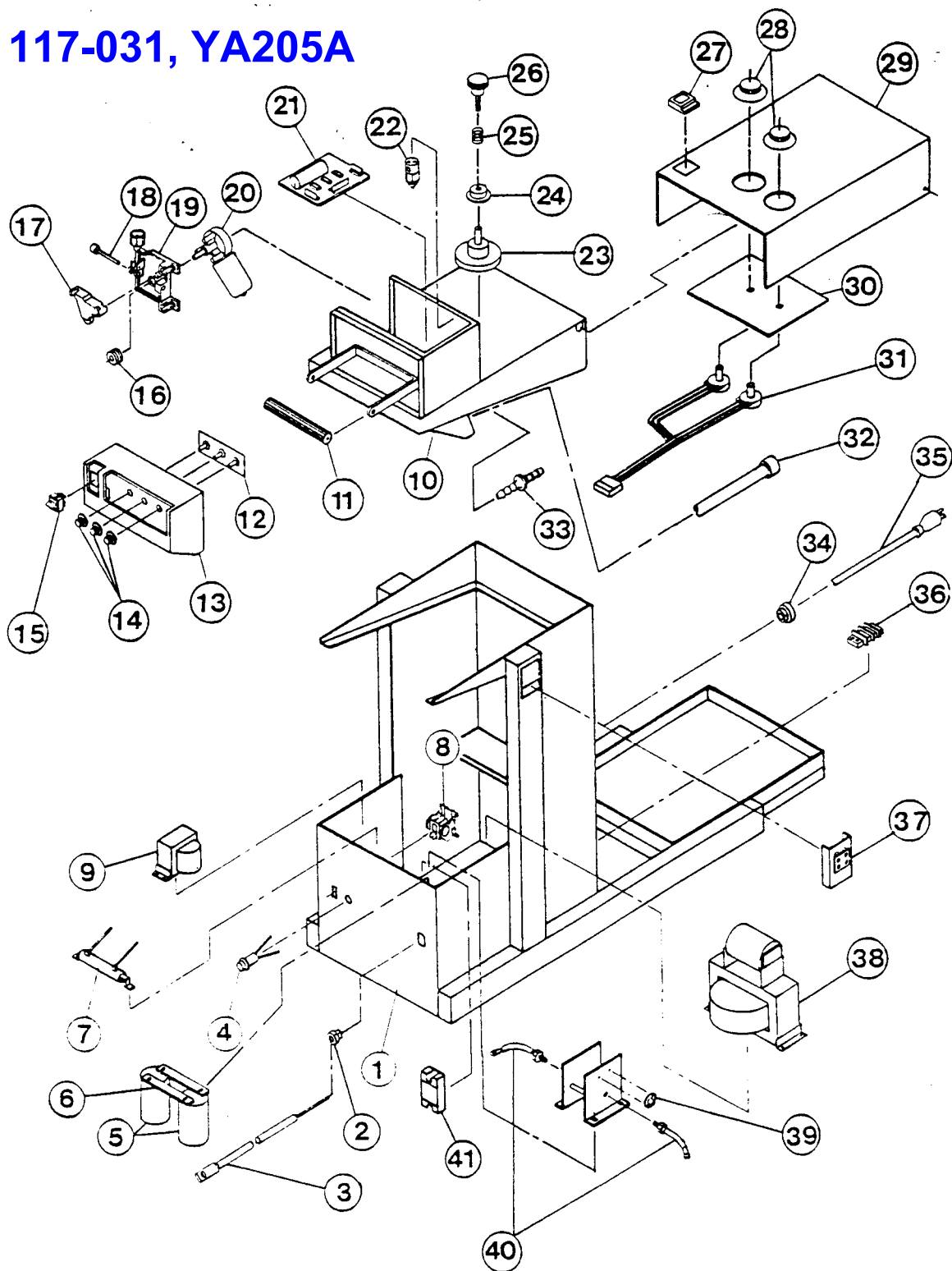


117-031, YA205A



117-031, YA205A

Item	Lincoln #	Stock	Customer #	Description
1	N/A		410-476-036	Front panel
2			541-057-000	Strain relief
3			238-212-666	Ground cable
4	N/A		245-078-666	Indicator light
5	213-018-666		213-018-200	Capacitor, 45,000mf, 45Vdc
6	N/A		410-190-000	Buss bar
7			860-523-000	Resistor assy., 25Ω, 50 watt
8	216-042-666		216-042-000	Power Switch, 230Vac, 40a
9			860-947-888	Drive transformer 230Vac - 24Vac
10	N/A		312-081-666	Undercarriage
11	N/A		246-161-666	Handle
12			880-114-666	Spot/Stitch circuit board
13	N/A		860-983-666	Plastic nose w/labels
14	246-041-666 will work		246-127-666	Knob, 1"
15			216-077-666	Momentary paddle switch
16	310-122-500		4323	Drive roller, 0.024 / 0.030 / 0.035
17	Included in 880-130-666		312-107-000 (880-111-666)	Drive tension arm
18	Included in 880-130-666		239-208-000 (239-123-666)	Inlet guide tube
19	880-130-666		880-130-666	Drive Base Assy. (Incl. 17&18)
20			216-079-666 , 860-581-100	Drive motor, 24Vdc
21	880-113-666		880-292-008	Main circuit board w/ transistor
22			246-127-666	Gas solenoid
23	312-066-666		312-066-666	Spindle w/hardware
24	312-110-666		312-110-666	Spool adapter

Model	Primary Input	Input Plug	Duty Cycle at Rated Output
117-031	230V, 20A	20a, Nema 6-20P	20%

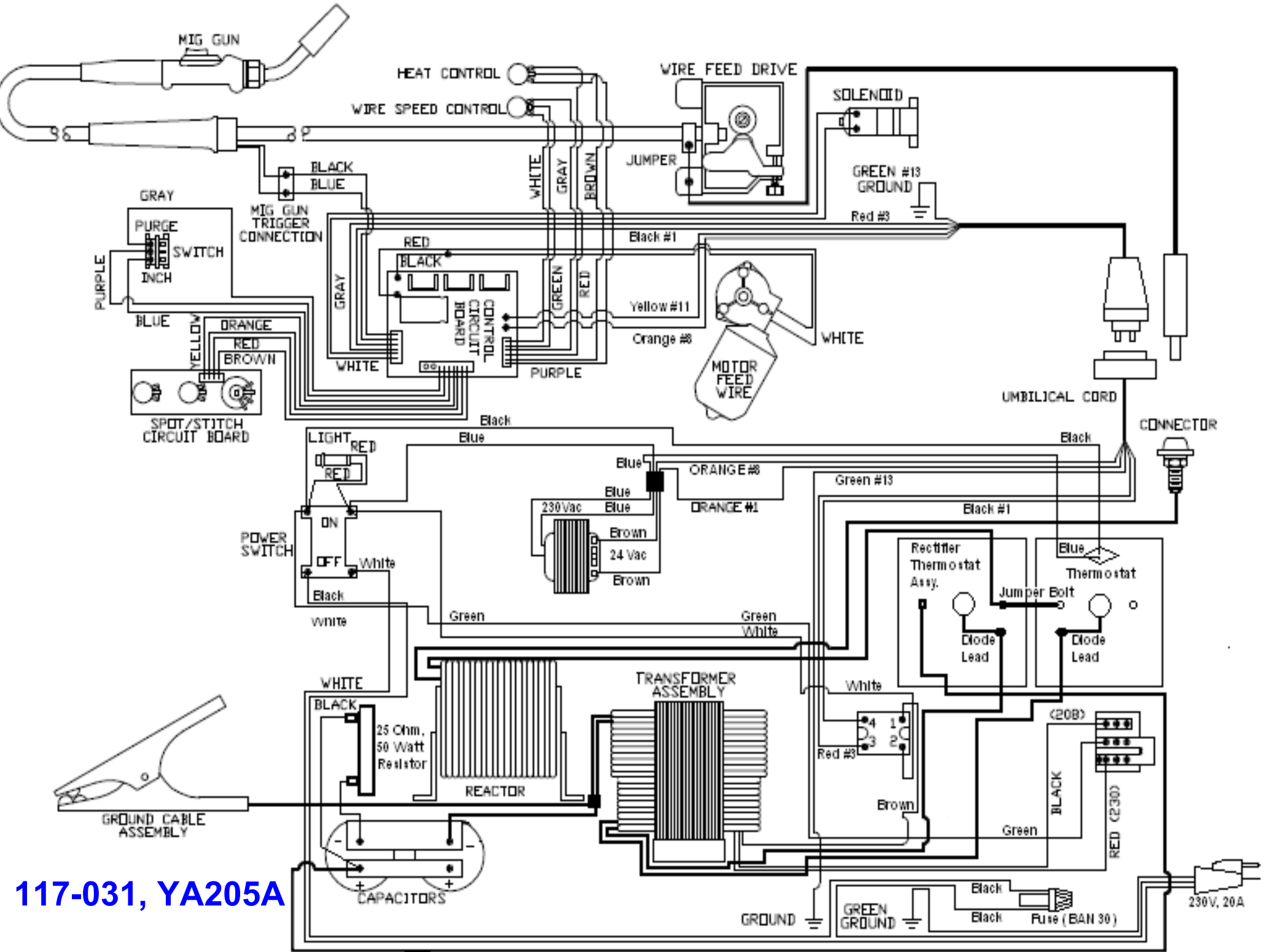
Item	Lincoln #	Stock	Customer #	Description
25	Included in #23		330-029-666	Spool tension spring
26	Included in #23		246-215-000	Spool tension knob
27	N/A		312-042-666	Slide latch
28			246-285-000	Knob, 2-3/4"
29	N/A		860-984-666	Hood w/ latch & labels
30	N/A		410-516-026	Drive box cover
31	880-052-666		860-936-666	Heat / wire speed harness w/ pots.
32			860-941-666	3' umbilical cord
33			253-047-666	Hose barb fitting
34			541-020-000	Strain relief
35	248-164-666		248-164-666	Power cord, 30'
36	N/A		239-094-666	Terminal block
37	N/A		860-627-666	Drive head lock assy.
38	N/A		860-948-888	Main weld transformer
39			246-121-666	Thermostat, stemco 402, open 200F, close 180F
40	214-004-666		214-004-666	Diode
41	216-055-666		216-055-666	Triac Relay, 40 amp

Not Shown

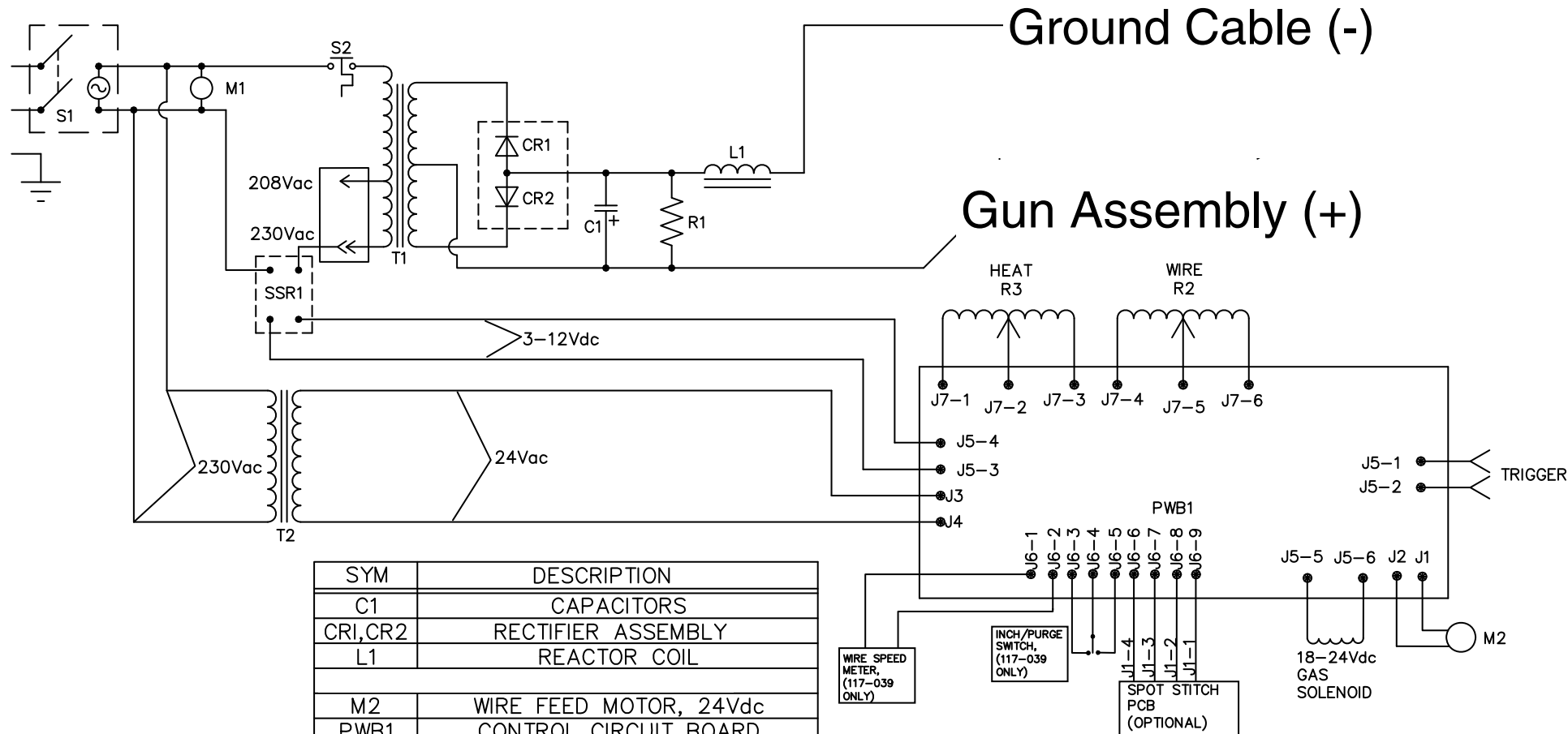
42	N/A		512-046-666	Rubber mat
43			245-060-000	Fuse, BAN30 or BLN30
44			860-994-100 (YA205A1)	Umbilical cord, 20'
45	238-155-000		4320	Mig gun assembly, 10'
46	334-303-001		334-286-666	Gas regulator
47	059-245-666			Gas hose

2/13/2009

Rated Output	Voltage Settings	Agency Listing	Max Output
130 amps	Infinite	CSA	130 amps



230Vac 60HZ
SINGLE PHASE



SYM	DESCRIPTION
C1	CAPACITORS
CR1,CR2	RECTIFIER ASSEMBLY
L1	REACTOR COIL
M2	WIRE FEED MOTOR, 24Vdc
PWB1	CONTROL CIRCUIT BOARD
R1	RESISTOR 25 OHM 50W
R2	WIRE SPEED POT., 5K, 1/2 WATT
R3	HEAT POT., 5K, 1/2 WATT
S1	POWER SWITCH
S2	THERMAL BREAKER, L-175
SSR1	SOLID STATE RELAY
T1	MAIN TRANSFORMER
T2	CONTROL TRANSFORMER

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