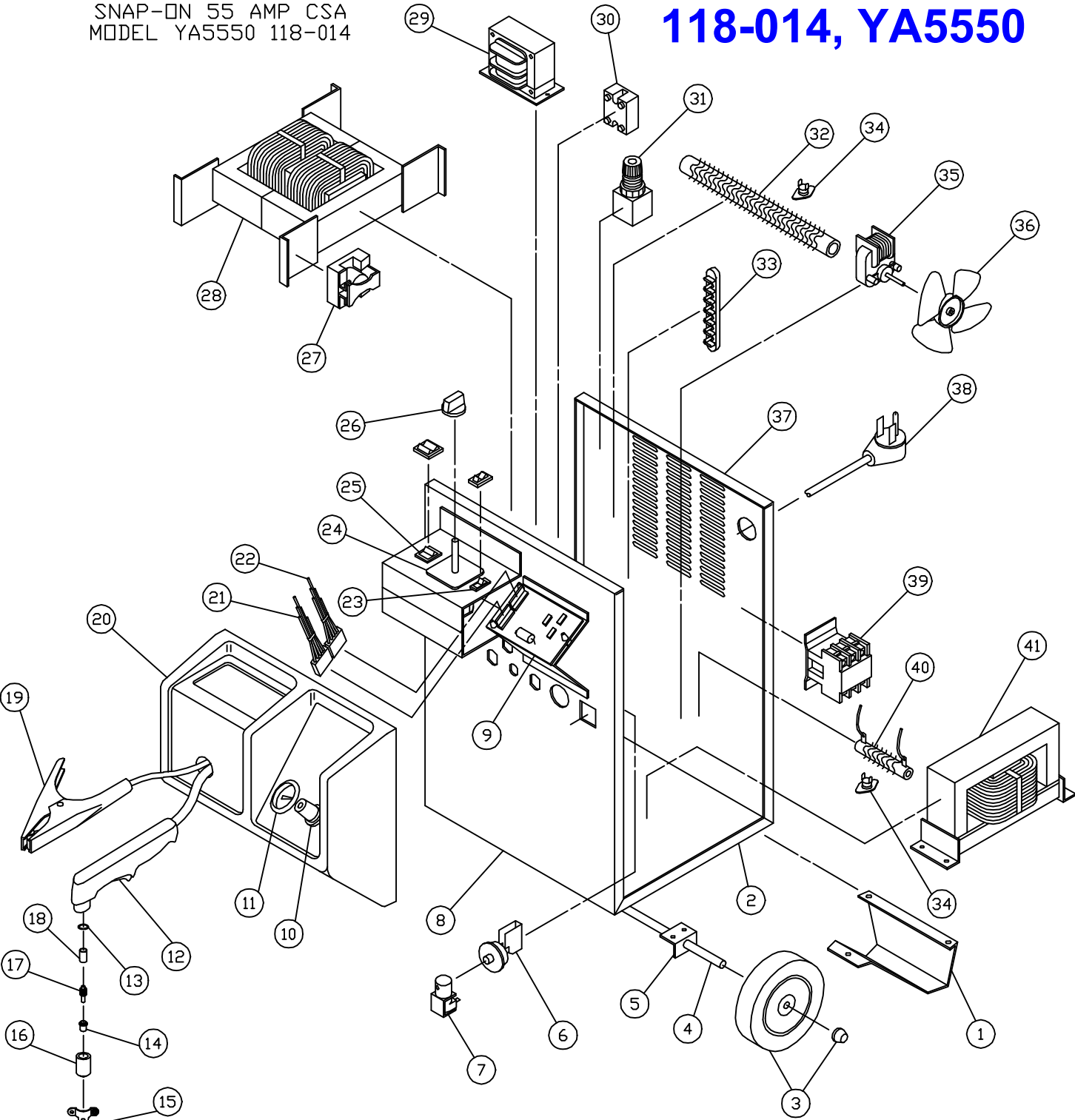


SNAP-ON 55 AMP CSA
MODEL YA5550 118-014

118-014, YA5550



118-014, YA5550

Item	Lincoln Stock #	Customer #	Description
1		412-328-016	Foot
2		410-617-016	Base
3		413-030-666	Wheel with Hub
4		413-048-666	Axle
5		412-329-016	Wheel Mtg. Brackets
6		252-004-666	Pressure Switch
7	246-086-666	246-206-666	Solenoid
8		410-618-026	Front Panel
9	880-102-666	880-102-666	Circuit Board
10	254-004-666	254-004-666	Regulator
11		251-003-666	Pressure Gauge
12	238-456-000	238-285-100	Torch Assembly
13	512-087-908	44050	O-Rings
14	334-289-908	44510	High Current Nozzles (5)
15	NLA	44540	
16	334-290-908	44530	Nozzle Cap
17	334-287-908	44500	Electrodes (3)
18	334-288-908	44520	Swirl Ring
19		238-228-666	Ground Cable Assy.
20		312-117-666	Nose
21		880-180-666	10 Pin Wire Harness
22		880-132-666	9 Pin Wire Harness

First build - 3-16-89

Model	Primary Input	Input Plug	Duty Cycle at Rated Output
118-014	230V, 66 amp	50A	50%

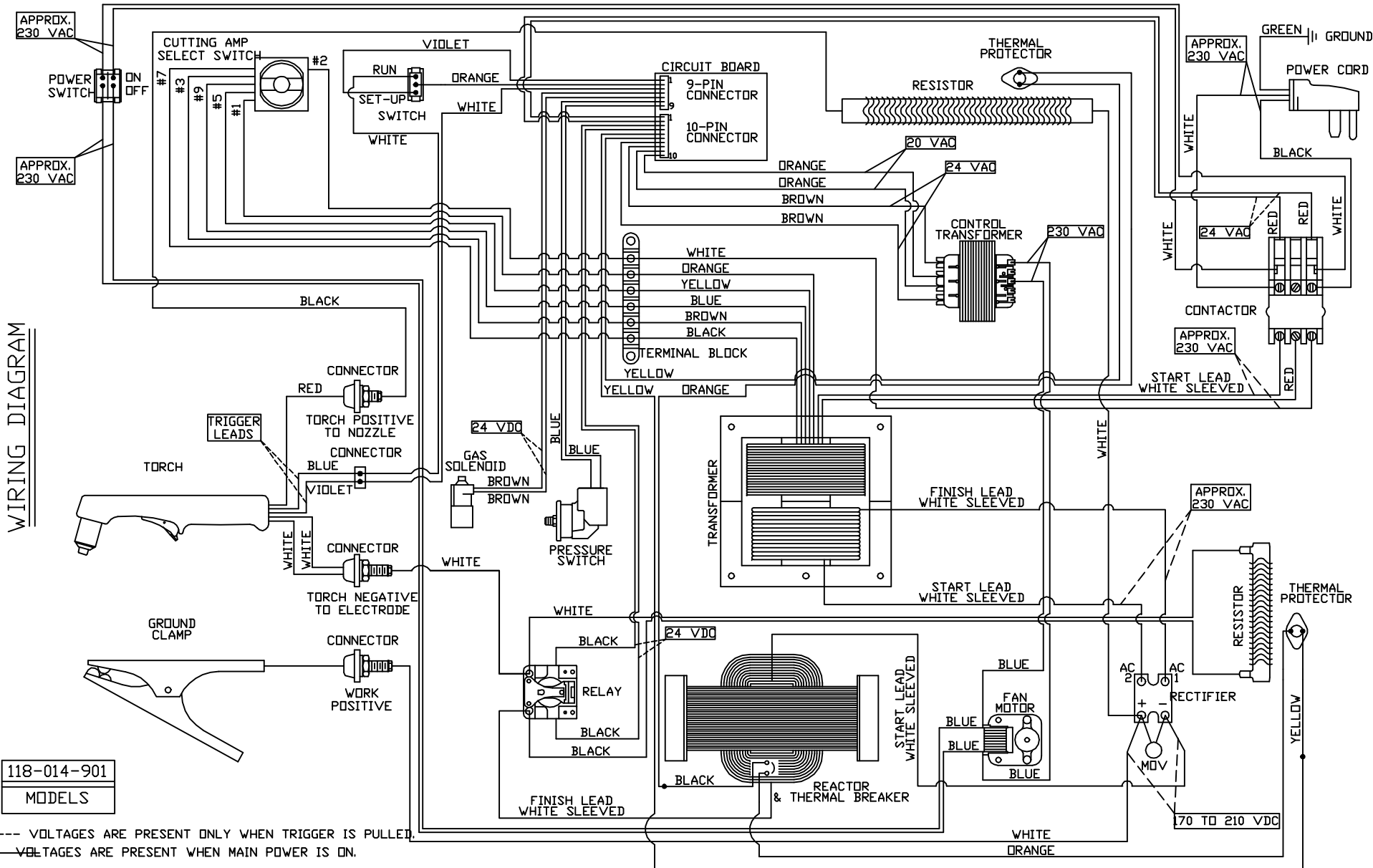
Item	Lincoln Stock #	Customer #	Description
23		246-219-000	Run/Setup Switch
24		246-220-000	Amperage selector switch
25		246-218-666	Power switch, DPST, Lighted
26		246-224-666	Knob
27	246-199-666	246-199-666	Pilot Arc Relay
28		880-136-008	Transformer
29		880-106-888	Control Transformer 230Vac to 20 & 24Vac
30	244-080-666	244-080-666	Rectifier
31	254-005-666	254-005-666	Pre-Regulator (set at 105PSI)
32	245-105-666	245-105-666	2Ω, 420 Watt Resistor
33		239-129-666	Terminal block
34	216-053-666	216-053-666	Thermostat
35	216-086-666	216-086-666	Fan Motor, 230Vac
36	316-007-300	316-007-300	Fan Blade
37		410-629-016	Back Panel
38		248-214-666	Power cord
39	246-165-666	246-165-666	Contactor
40	880-134-666	880-134-666	1.5Ω, 160 Watt Resistor
41		880-137-888	Reactor
42		412-330-016	Handle
43		410-630-076	Cover w/ access panel
44		410-530-016	Access panel

This unit came with a one year warranty

11/19/07

Rated Output	Voltage Settings	Agency Listing	Max Output
55 amps	5	CSA	55 amps

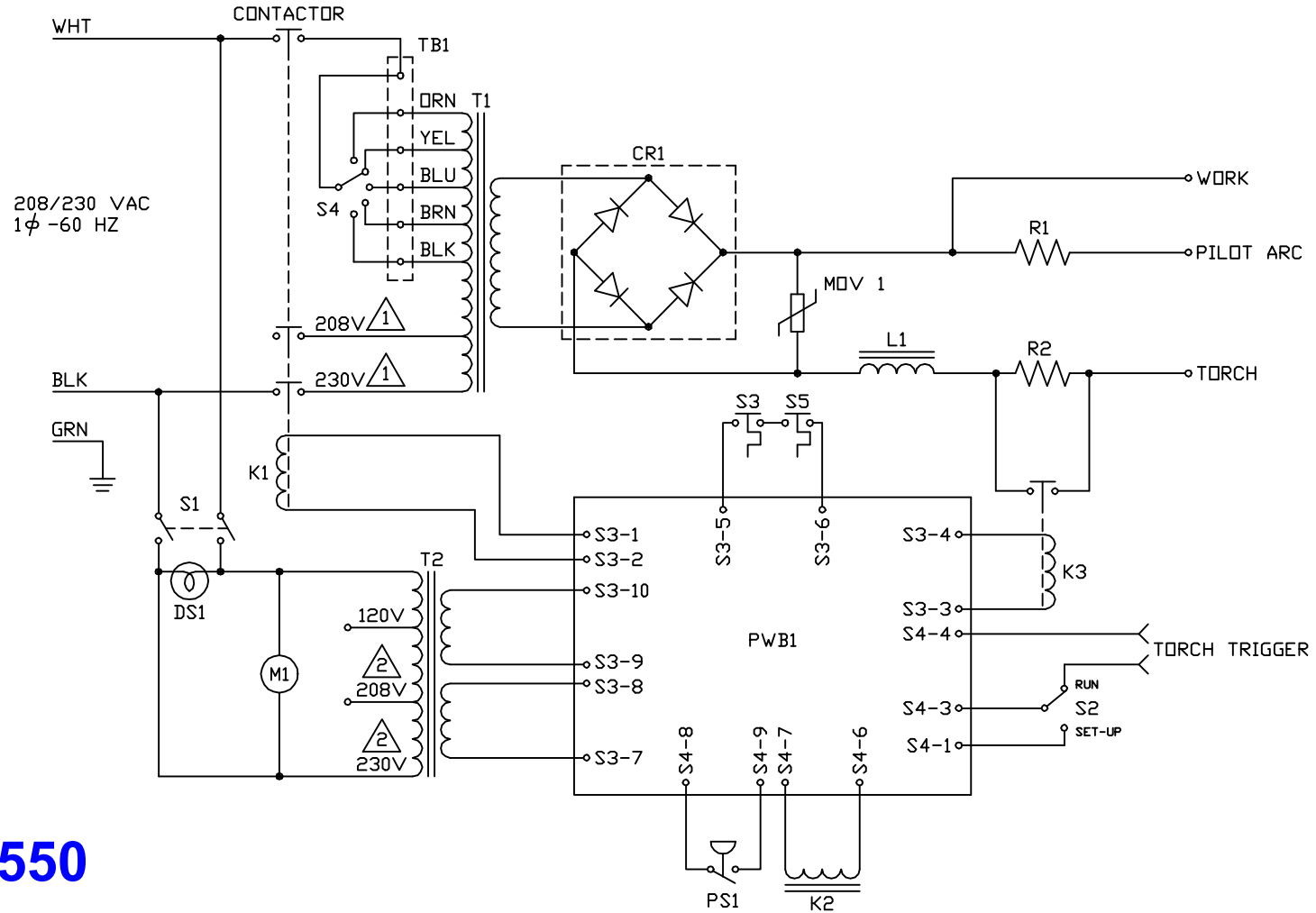
WIRING DIAGRAM



118-014-901
MODELS

118-014, YA5550

SYM	DESCRIPTION
CR1	100 A, 1200 V, FULL WAVE BRIDGE
K1	40 A, 3 POLE, 24 VAC COIL
K2	GAS SOLENOID N.C. 24 VDC COIL
K3	RELAY, 30A, SPST N.O. 24 VDC COIL
L1	40 mH, 50A REACTOR
M1	FAN MOTOR
MOV1	TRANSIENT PROTECTOR
PS1	PRESSURE SWITCH
PWB1	CONTROL CIRCUIT BOARD
R1	2 Ω , 420 W RESISTOR
R2	1.5 Ω , 100 W RESISTOR
S1	POWER SWITCH, DPST, LIGHTED (DS1)
S2	RUN/SET-UP SWITCH, SPDT
S3	THERMAL BREAKER
S4	5-POSITION SWITCH
S5	THERMAL BREAKER
T1	MAIN CUTTING TRANSFORMER
T2	CONTROL TRANSFORMER
TB1	TERMINAL BLOCK



NOTES:

1 SHOWN WIRED FOR 230V OPERATION.
FOR 208V OPERATION, EXCHANGE WIRES
INDICATED AT CONTACTOR.

2 SHOWN WIRED FOR 230V OPERATION.
FOR 208V OPERATION, EXCHANGE WIRES
INDICATED AT TRANSFORMER (T2).

118-014, YA5550