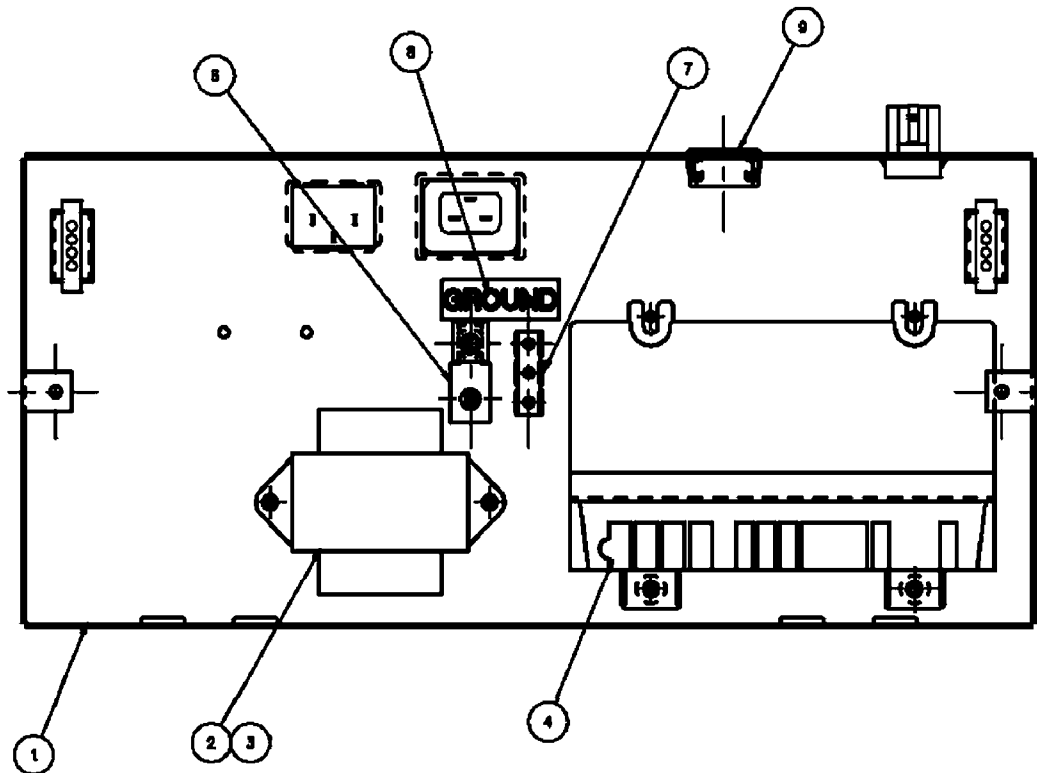


POWER SUPPLY BOX



9	RESTRAINT, CORD
8	DECAL, GROUND
7	TERMINAL
6	GROUND LUG
4	MODULE, IGNITION
3	TRANSFORMER 240V
2	TRANSFORMER 120V
1	BOX, POWER SUPPLY
G2	** BOX, POWER SUPPLY 240V
G1	* BOX, POWER SUPPLY 120V
IT.	DESCRIPTION

* G1 120V WITH ELECTRONIC IGNITION

** G2 240V WITH ELECTRONIC IGNITION

NOTE: POWER SUPPLY BOX FOR ELECTRONIC IGNITION SHOWN.
FOR MANUAL IGNITION, THE IGNITION CONTROL MODULE
IS REMOVED.

7400

Fig. 49

SEQUENCE OF OPERATION

Solid State or Computer, Cooking Control

Refer to schematic diagram 7411 for Cooking Control operation.

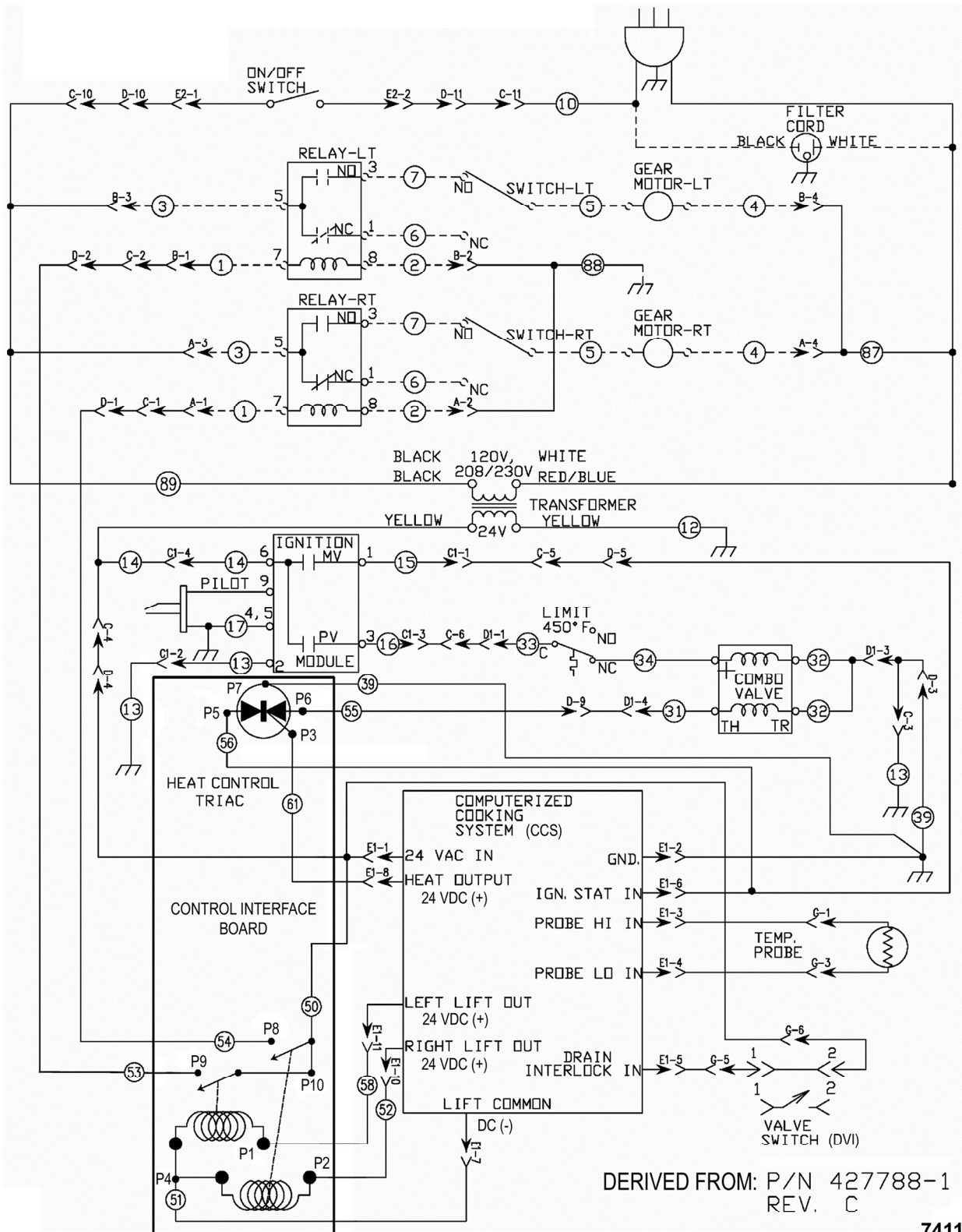
FRY CYCLE - LIQUID FRYING OIL

If using solid shortening, the control should be programmed to use the MELT CYCLE. In the MELT CYCLE, the control will "cycle" the heat ON/OFF in short intervals. This will gradually heat and liquify the shortening until it reaches a temperature of 135°F. Melt cycle default times are:

- Liquid (CY L) = 16 seconds on, 18 seconds off.
- Solid (CY S) = 8 seconds on, 26 seconds off.

SCHEMATIC DIAGRAMS

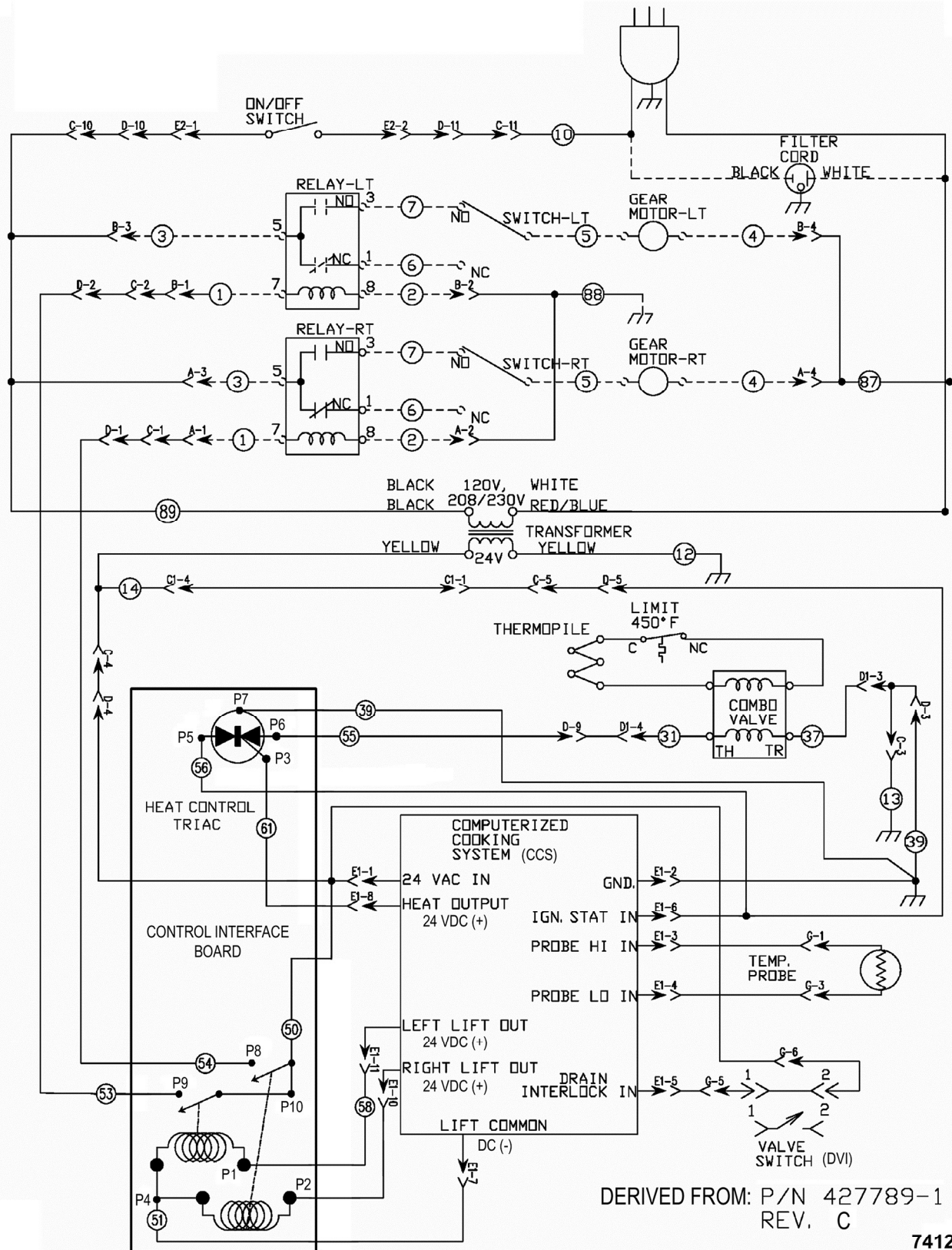
Electronic Ignition, Solid State or Computer Control



7411

Fig. 50

Manual Pilot Ignition, solid State or Computer Control

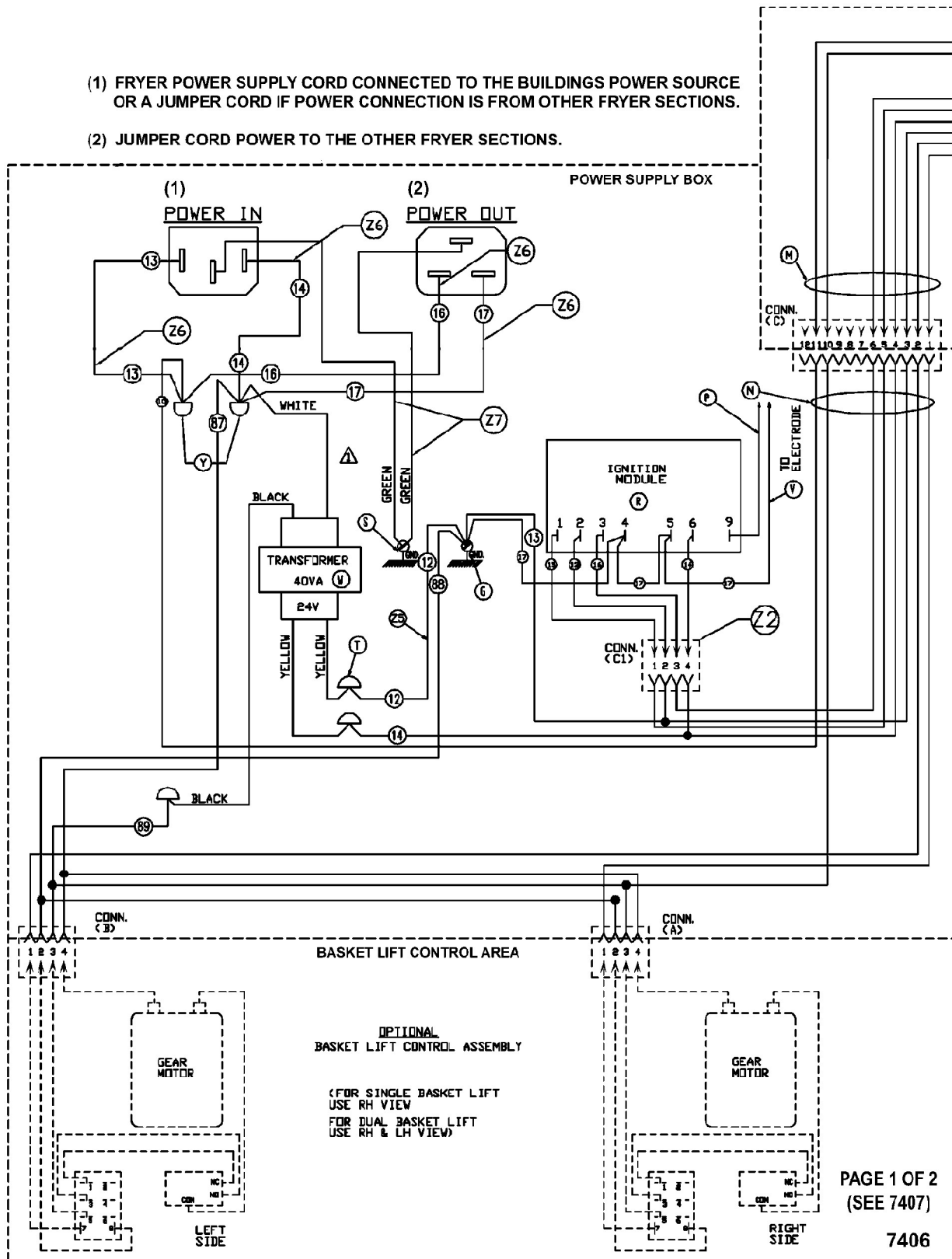


7412

Fig. 51

WIRING DIAGRAMS

Electronic Ignition, Solid State or Computer Control

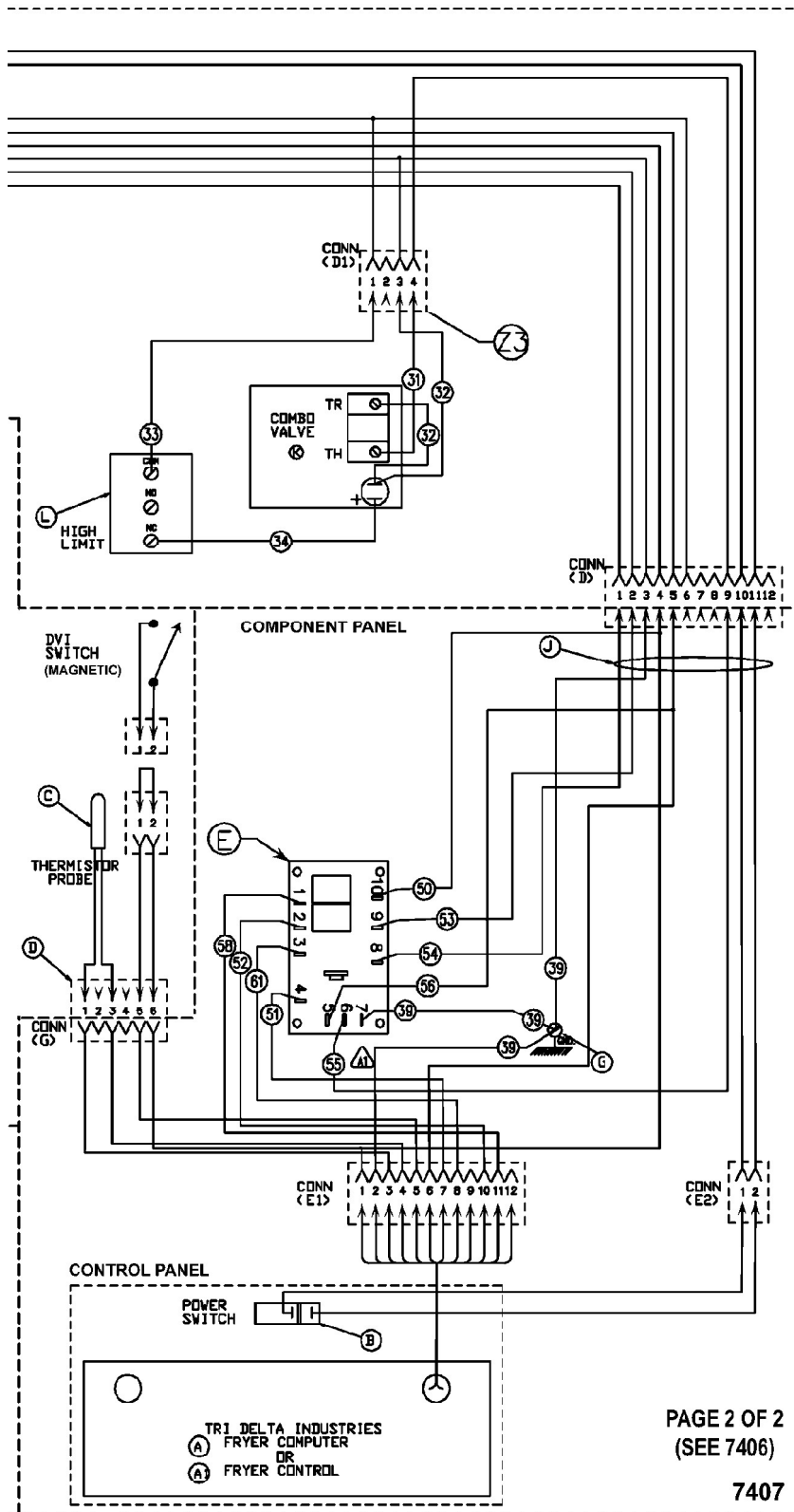


PAGE 1 OF 2
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7406

Fig. 52
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(SEE 7406)

7407

2	2	Z7	WIRE ASSEMBLY (GREEN)	-
4	4	Z6	WIRE ASSEMBLY [13,14,16,17]	-
1	1	Z5	WIRE ASSEMBLY [12]	-
2	2	Z4	WIRE ASSEMBLY [8,9]	-
1	1	Z3	MANIFOLD HARNESS	-
1	1	Z2	HARNESS-IGNITION MODULE	-
1	1	Z1	OPTIONAL FILTER SUPPLY CORD	-
2	2	Y	WIRE NUT YELLOW	-
1	1	W	24V 40VA TRANSFORMER 120 VOLT 240 VOLT	-
1	1	V	LEAD ASSEMBLY [17]	-
3	3	T	WIRE NUT	-
1	1	S	GROUND LUG	-
1	1	R	IGNITION MODULE	-
1	1	P	IGNITOR CABLE	-
1	1	N	POWER HARNESS	-
1	1	M	MAIN HARNESS	-
1	1	L	HI-LIMIT	-
1	1	K	COMBO VALVE NAT LP	-
1	1	J	INTERFACE HARNESS	-
1	2	G	TERMINAL, STATIONARY	-
1	1	E	CONTROL INTERFACE TRIDELTA	-
1	1	C	D.V.I. HARNESS ASSEMBLY	-
1	1	C	THERMISTOR	-
1	1	B	ROCKER SWITCH ASSEMBLY	-
1	-	AI	TDI CONTROL	-
-	1	A	TDI COMPUTER	-
REQ.	QTY.		DESCRIPTION	W/L
RD MODELS	RC MODELS		WIRING INFORMATION FOR UNITS LISTED	
			CCS FRYERS W/E.L. W & WO/LIFTS	
			WIRING DIAGRAM	
			DESIGNED BY	SCALE NONE
			APPROVED BY	DERIVED
			SEENY 1 OF 1	FROM: D 427616-1 REV B

Fig. 53

Manual Pilot Ignition, Solid State or Computer Control

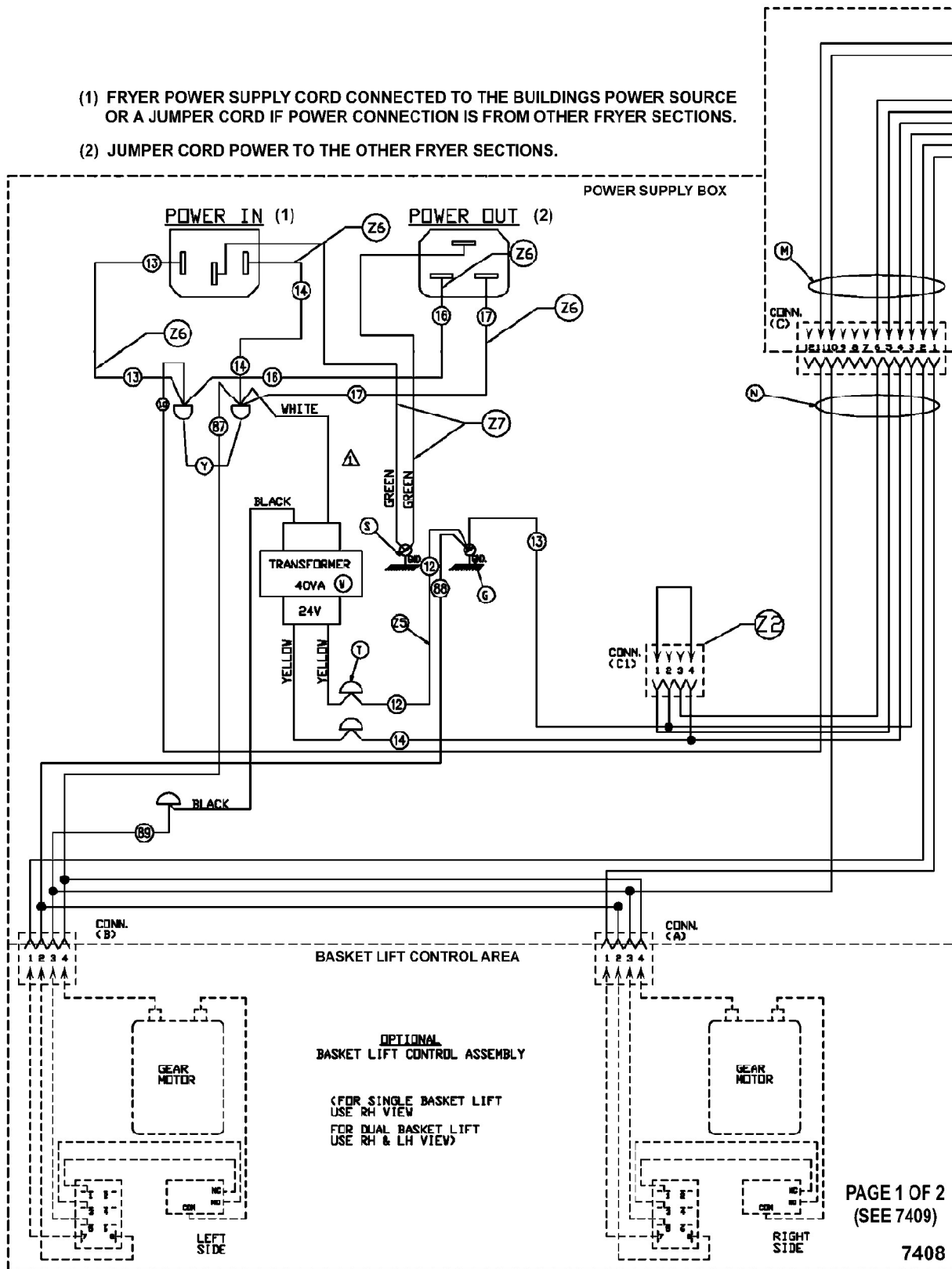
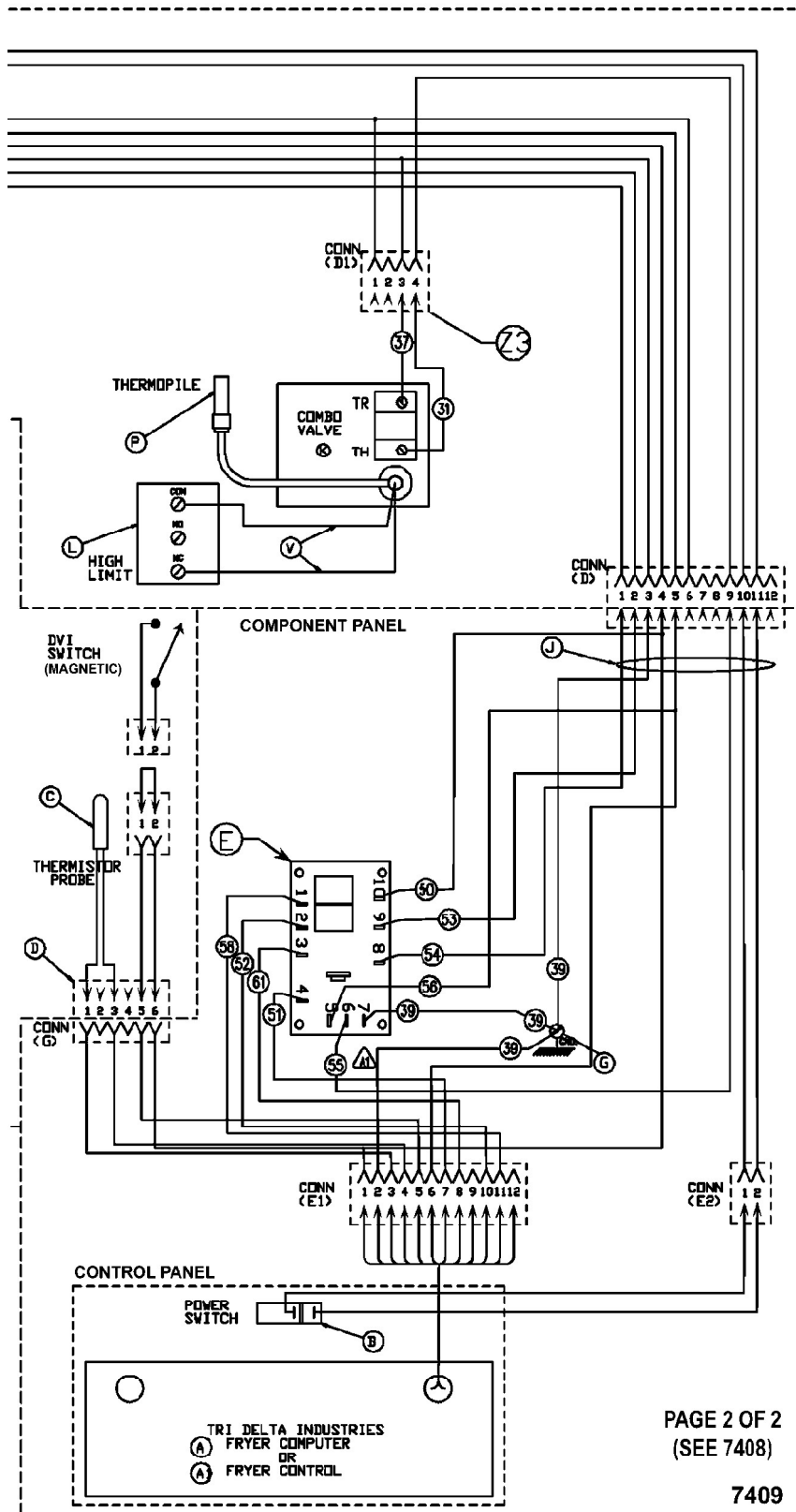


Fig. 54



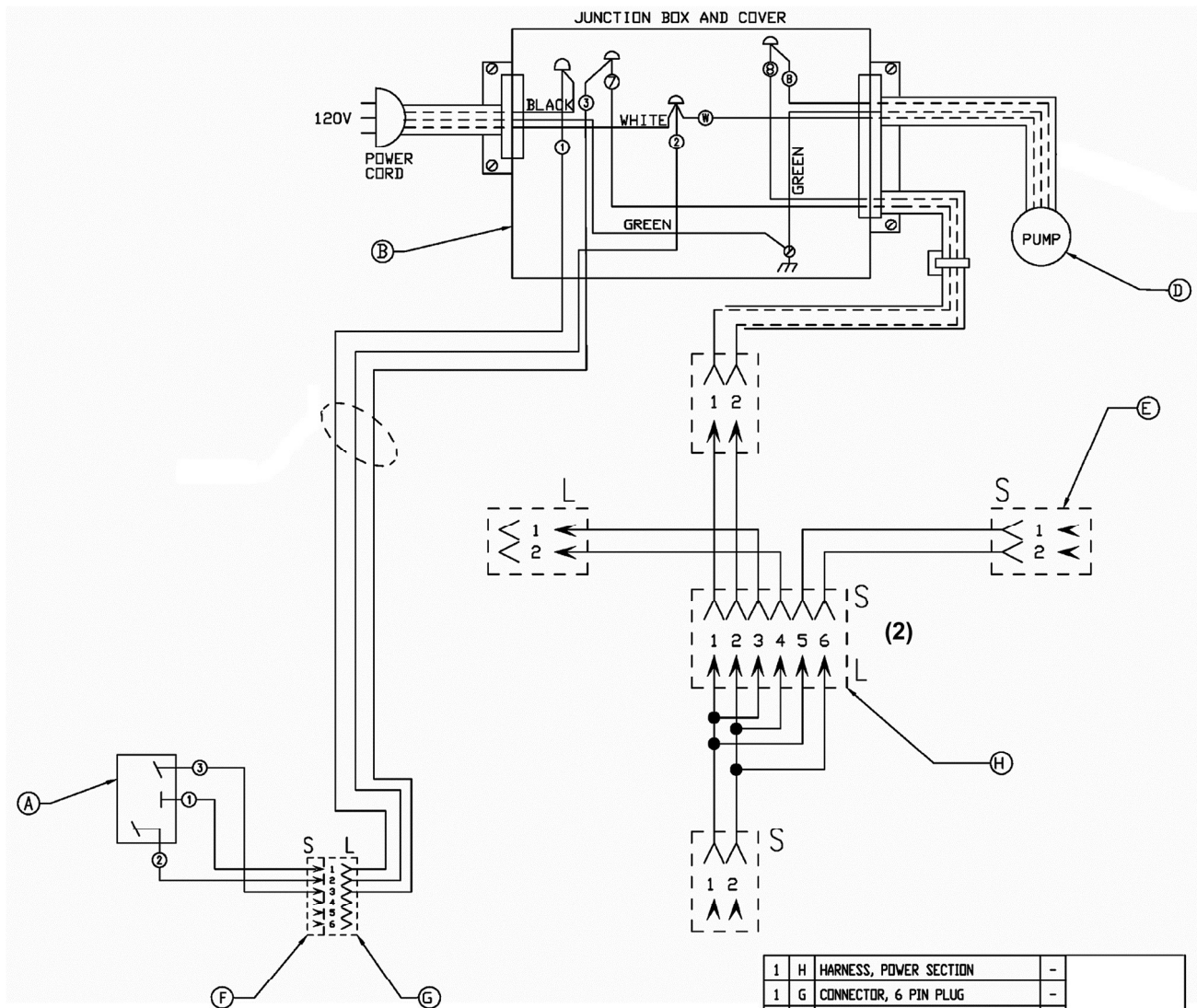
PAGE 2 OF 2
(SEE 7408)

7409

2	2	Z7	WIRE ASSEMBLY (GREEN)	-
4	4	Z6	WIRE ASSEMBLY [13,14,16,17]	-
1	1	Z5	WIRE ASSEMBLY [12]	-
2	2	Z4	WIRE ASSEMBLY [8,9]	-
1	1	Z3	MANIFOLD HARNESS	-
1	1	Z2	HARNESS-IGNITION MODULE	-
1	1	Z1	OPTIONAL FILTER SUPPLY CORD	-
2	2	Y	WIRE NUT YELLOW	-
1	1	W	24V 40VA TRANSFORMER 120 VOLT 240 VOLT	-
1	1	V	CABLE ASSEMBLY [BUTTERFLY]	-
3	3	T	WIRE NUT	-
1	1	S	GROUND LUG	-
1	1	P	THERMOPILE	-
1	1	N	POWER HARNESS	-
1	1	M	MAIN HARNESS	-
1	1	L	HI-LIMIT	-
1	1	K	COMBO VALVE NAT LP	-
1	1	J	INTERFACE HARNESS	-
1	2	G	TERMINAL, STATIONARY	-
1	1	E	CONTROL INTERFACE, TRIDELTA	-
1	1	D	D.V.I. HARNESS ASSEMBLY	-
1	1	C	THERMISTOR	-
1	1	B	ROCKER SWITCH ASSEMBLY	-
1	-	A1	TDI CONTROL	-
-	1	A	TDI COMPUTER	-
REQ	QTY	PKT	DESCRIPTION	PKT
RD MODELS				
RC MODELS				
WIRING INFORMATION				
FOR UNITS LISTED				
WIRING DIAGRAM				
CCS FRYER WO/ELECT. GN. & W & WO/DUAL B.L.				
DRAWN BY				
APPROVED BY				
SECRET 1 OF 1				
SCALE NONE				
DERIVED FROM: ID 427616-2				
REV B				

Fig. 55

Junction Box, Kleenscreen Filtering System



(1) Separate power supply cord for pump motor.

(2) S= Short Connector; L= Long Connector.

1	H	HARNESS, POWER SECTION	-
1	G	CONNECTOR, 6 PIN PLUG	-
1	F	CONNECTOR, 6 PIN RECEPTACLE	-
1	E	HARNESS, "T"	-
1	D	MOTOR, PUMP 50/60 HZ.	120 V. 208 V. 230 V.
1	B	POWER BOX ASSEMBLY	-
1	A	SWITCH, LIGHTED ROCKER	-
REQ.	TY.	DESCRIPTION	PIN.
WIRING INFORMATION FOR UNITS LISTED			
WIRING DIAGRAM 120,208,230 V. 50/60 HZ. FRYING OIL/SHORTENING FILTRATION SYSTEM			
DRAWN BY		SCALE NONE	
APPROVED BY		DERIVED FROM: D 426767	
SHEET 1 OF		REV. B	

7410

Fig. 56

Frymate (Dump Station)

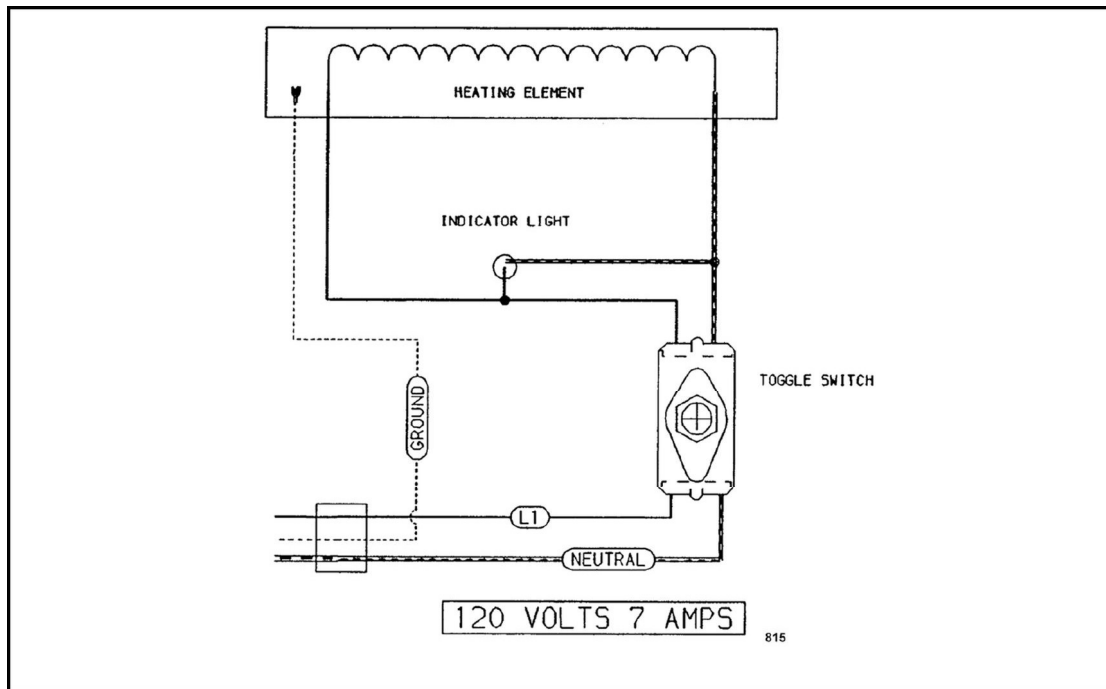


Fig. 57