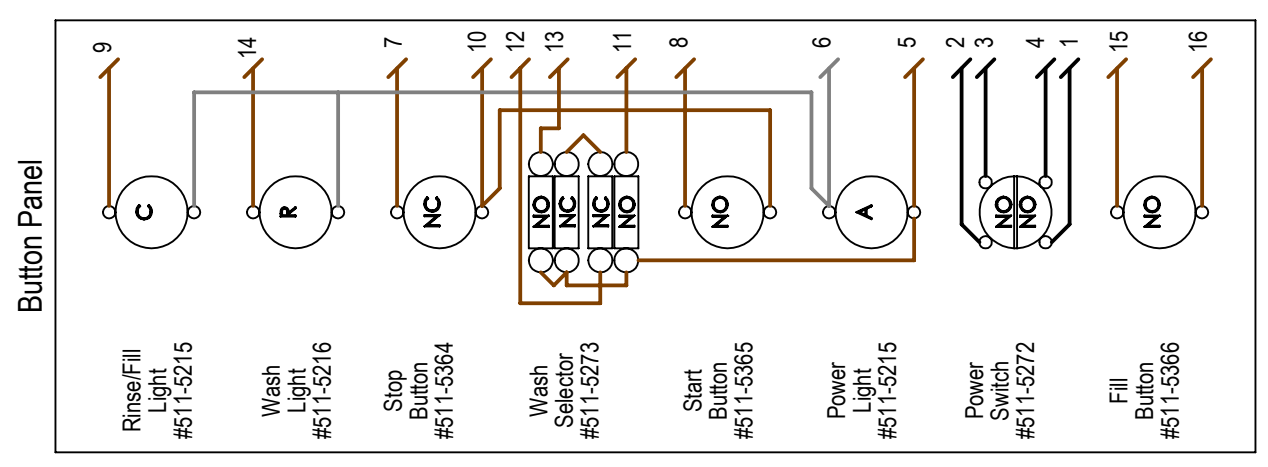


Logic Control Inputs

I1	Float
I2	Door Switch
I3	Stop Button
I4	Start Button
I5	Light Wash
I6	Medium Wash
I7	Heavy Wash
I8	Fill Button

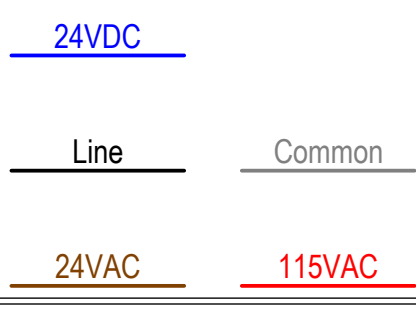
Logic Control Outputs

Q1	Fill Solenoid
Q2	Wash Light
Q3	Pump
Q4	Rinse/Fill & Gauge Solenoids
Q5	Fan
Q8	LWCO



Lower Terminal Blocks

Soap	To 24VAC Soap Dispenser	W	From Wash High Limit	T2	From Door Switch
T3 & T4	To Rinse/Fill & Gauge Solenoids	R	From Rinse High Limit	Fill	To Fill Solenoid
4	From Float	C & H	To Temp Controls	-	-
1	To Float	T1	To Door Switch	-	-



Burner Control Connections

Ground & S1	Ground	4	To Ignition Transformer
S2	From Flame Sensor	5	To Main Gas Valve
2	To Gas Valves, Blower Motor, Ignition Transformer (Common)	6	From Airflow Switch
3	To Pilot Valve	8	To Blower Motor

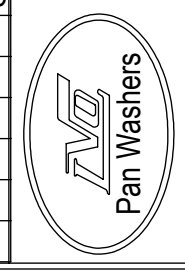
Fuse Table

208V/230V Primary	10 Amp
460V Primary	5 Amp
24V Secondary	7 Amp

ITEM	DESCRIPTION	PART # (208V/230V)	PART # (460V)
A	PUMP BREAKER	511-5021	511-5346
B			
C	RINSE HEAT BREAKER	511-5347	511-5343
D			
E	WASH HEAT BREAKER	511-5339	
F	PUMP CONTACTOR	511-5298	511-5296
G			
H	RINSE HEAT CONTACTOR	511-5294	
I			
J	WASH HEAT CONTACTOR		
K	PUMP OVERLOAD	511-5309	511-5306
L	FAN BREAKER	511-5340	
M	FAN RELAY	511-5179	
N	FAN DRIVE	511-5357	511-5358
O	TRANSFORMER	511-5250	
P	PRIMARY FUSE	511-5207	511-5115
Q	24V SECONDARY FUSE	511-5120	
R	LOGIC CONTROL	511-5314	
S	BURNER CONTROL WIRE BASE	509-5159	
T	BURNER CONTROL CHASIS	509-5156	
U	BURNER PROGRAM MODULE	509-5157	
V	FLAME AMPLIFIER	509-5158	

Name: RW2580 Schematic - Gas Heat with 3 Phase Variable Speed Fan

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Rev. -

8/10/2023 A. Lund