





























































































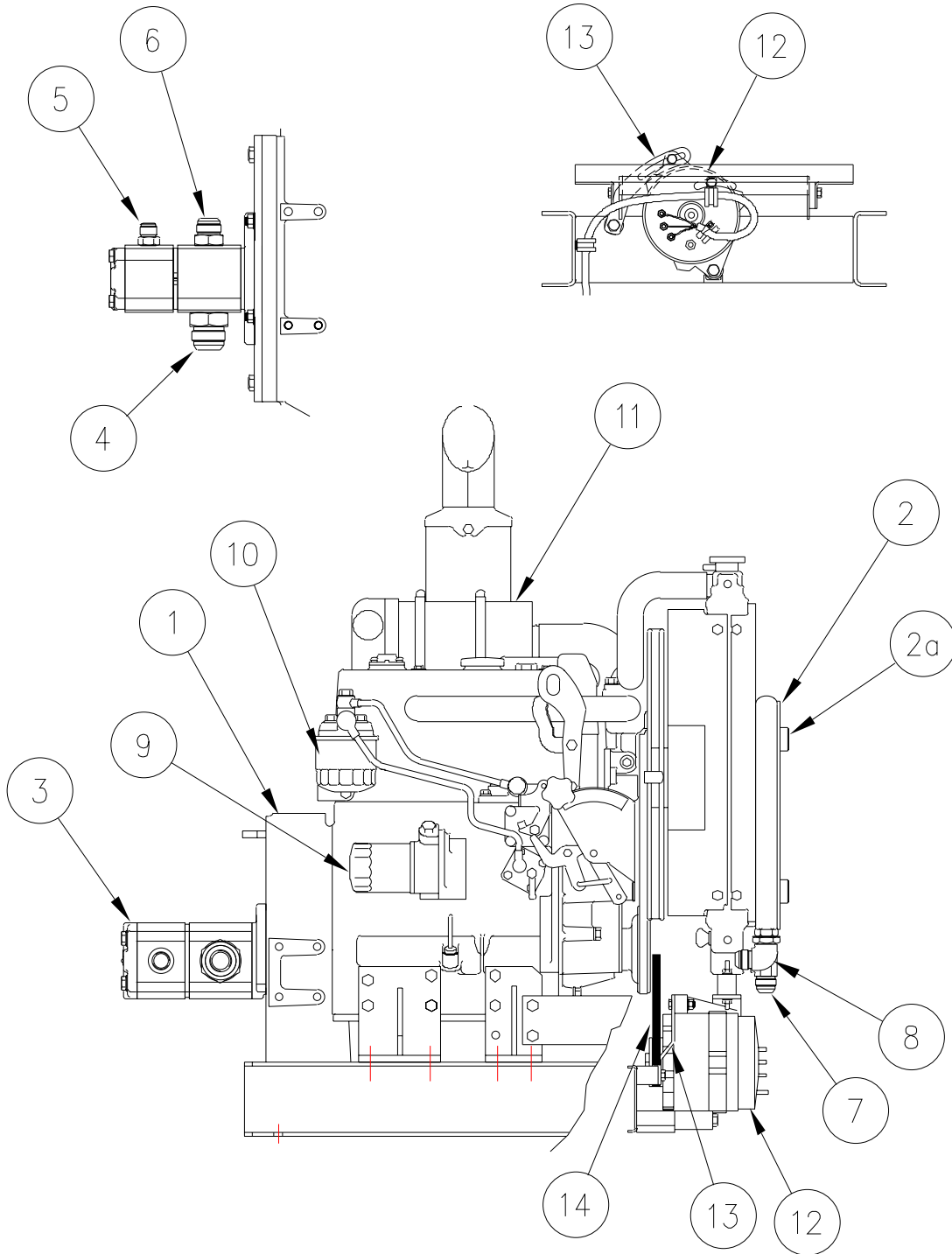


# CONTROL BOX

NUMBER	PART NUMBER	QTY.	DESCRIPTION
1	43665	1	ENCLOSURE (NOT SHOWN)
2	24021	3	CORD CONNECTOR - "BLUE"
3	50280	3	1/2" CONDUIT NUT
4	51662	1	SOCKET - RELAY
5	51661	1	RELAY
6	51663	1	HOLD DOWN SPRING
7	51691	1	TEMPERATURE CONTROLLER, 400° / 325°
8	51672	1	TEMPERATURE CONTROLLER, 400° / 275°
9	51688	1	MOUNTING RAIL
10	51687	2	END BRACKET
11	51685	15	FEED THROUGH TERMINAL
12	51686	1	2-POLE JUMPER
13	51689	1	3-POLE JUMPER
14	50251	3	DIGITAL READOUT
15	43391	1	TEMPERATURE CONTROLLER, 150°-550°
16	51651	4	LIGHT, 12VDC
17	50719	1	TOGGLE SWITCH
18	51665	1	CIRCUIT BREAKER, 15 AMP
19	50593	3	KNOB
20	43926	1	CABLE ASSY. - SENSOR
21	43927	1	CABLE ASYSY. - POWER
22	43928	1	CABLE ASSY. - TRIGGER/SENSOR
23	51684	2	RIBBON CABLE, 36" (NOT SHOWN)
24	51670	8	SPACER, PAK-STAT

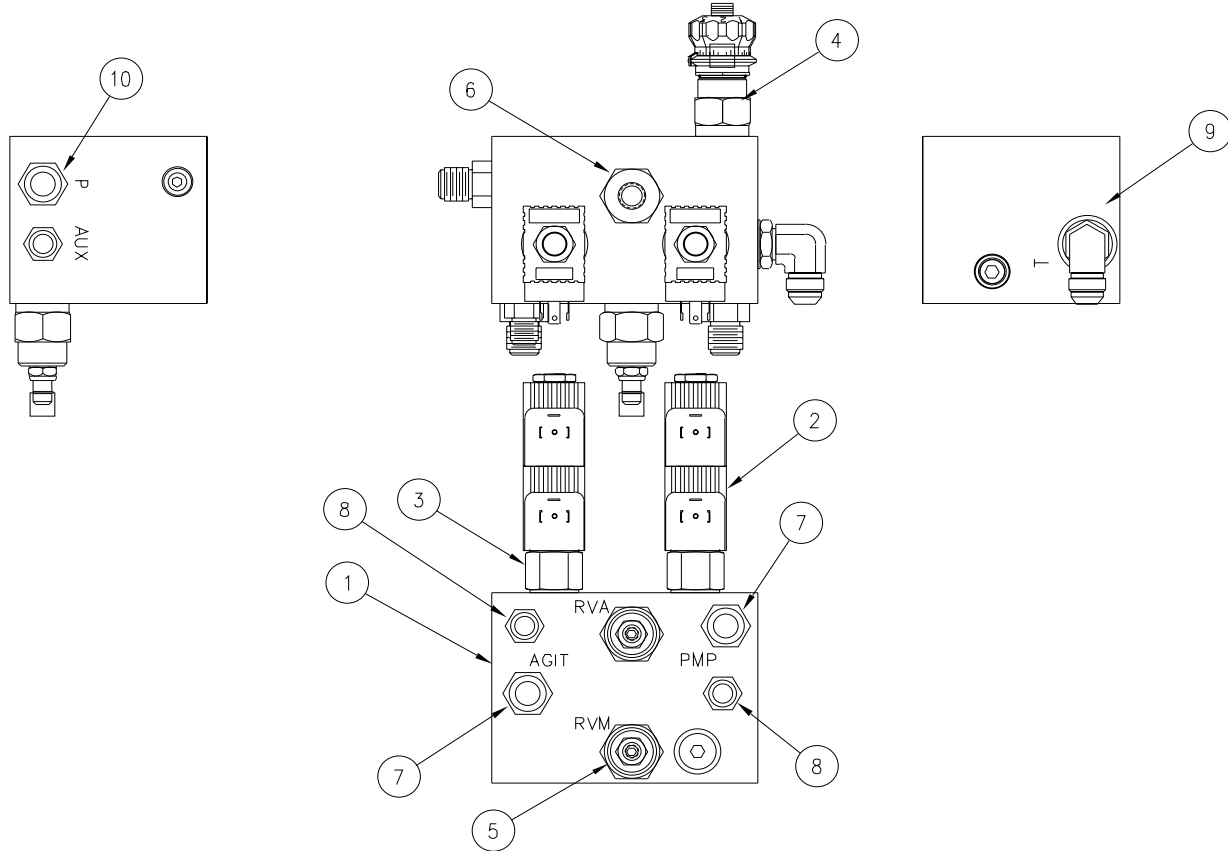
# ENGINE ASSEMBLY

PRESET ENGINE SPEED = 2850 RPM  
HOSE GENERATOR OUTPUT = 30 AMPS COLD  
24 VAC 3-PHASE



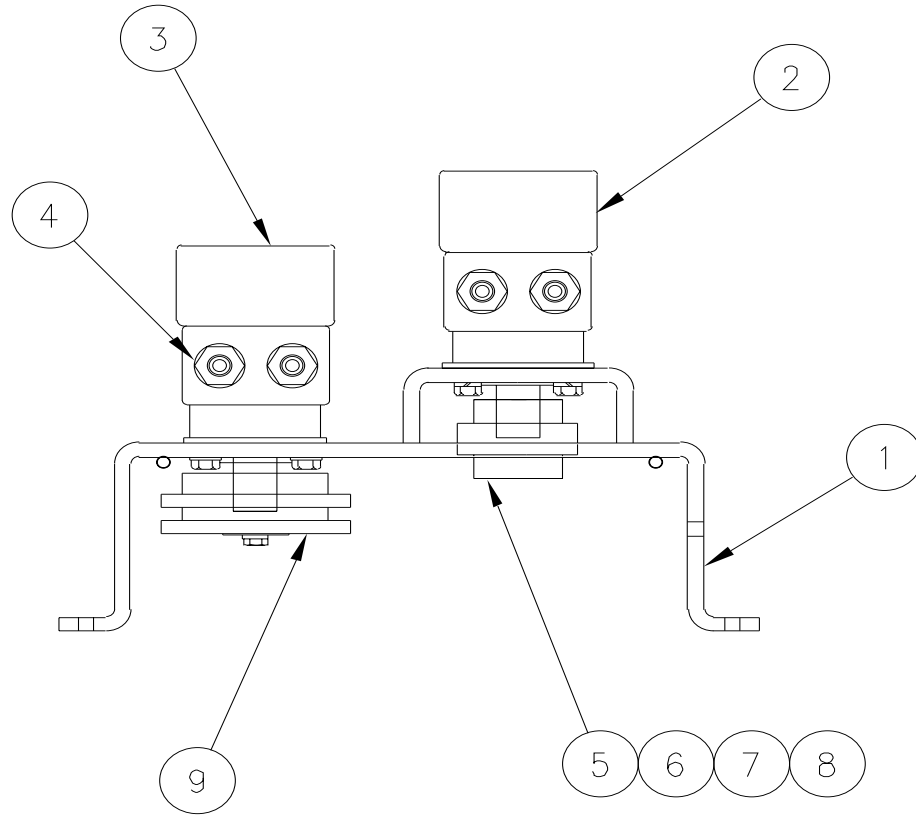
# ENGINE ASSEMBLY

NUMBER	PART NUMBER	QTY.	DESCRIPTION
1	43076	1	ENGINE, 23 HP
2	43899	1	ADJUSTMENT BRACKET, GENERATOR
3	44802	1	HYDRAULIC PUMP
4	29819	1	3/4 TUBE X 1 1/16-12 O-RING ADAPTOR
5	29812	1	5/8 TUBE X 7/8-14 O-RING ADAPTOR
6	43613	1	DRIVE BELT - GENERATOR
7	43612	1	GENERATOR, 24VAC
8	43851	-	OIL FILTER
9	41867	-	FUEL FILTER
10	43850	-	AIR FILTER ELEMENT



## HYDRAULIC CONTROL VALVE

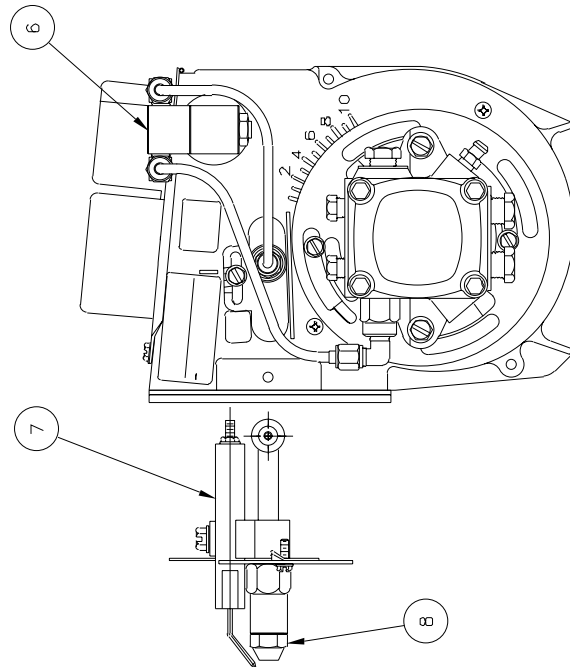
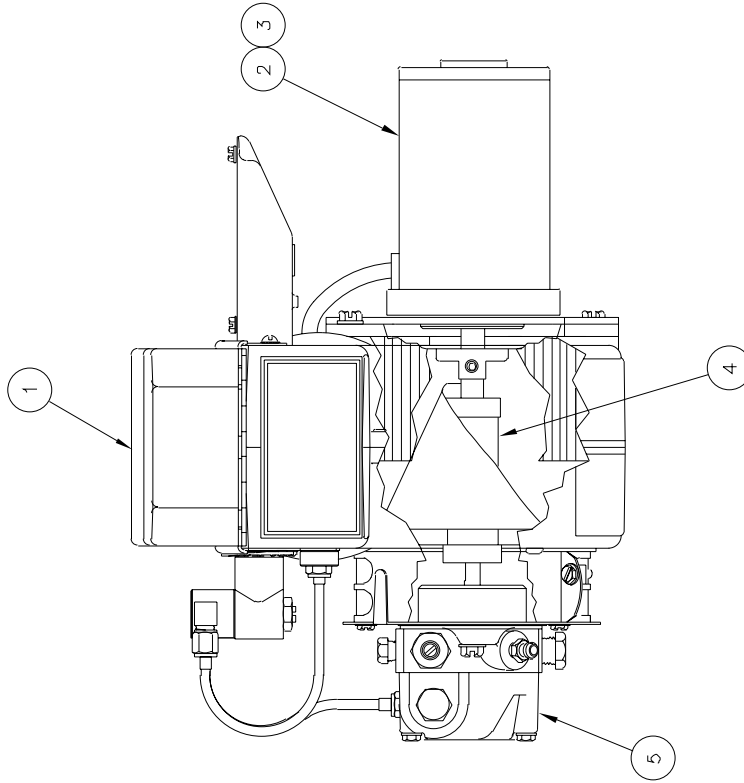
NUMBER	PART NUMBER	QTY.	DESCRIPTION
1	44800	1	HYDRAULIC VALVE ASSEMBLY
2	43854	3	COIL-CONTROL VALVE
3	44810	1	CARTRIDGE - PUMP
4	44813	1	FLOW CONTROL
5	44812	2	RELIEF VALVE
6	44811	1	FLOW CONTROL, 1.5 GAL.
7	29919	2	9/16-18 O-RING X 3/4-16 TUBE ADAPTER
8	40311	2	9/16-18 O-RING X 9/16-18 TUBE ADAPTER
9	29896	1	3/4-16 O-RING ELBOW ADAPTER
10	29897	1	3/4-16 STR. THRD. O-RING ADAPTER



## PUMP / AGITATOR MOTOR ASSEMBLY

<b>PUMP / AGITATOR ASSEMBLY</b>			
<b>NUMBER</b>	<b>PART NUMBER</b>	<b>QTY.</b>	<b>DESCRIPTION</b>
1	43345	1	MOUNTING BRACKET - MOTORS
2	44809	1	HYDRAULIC MOTOR - PUMP
3	22027	1	HYDRAULIC MOTOR - AGITATOR
4	22029	4	3/8 TUBE X 5/8 O-RING ADAPTOR
5	26002	2	SPROCKET - CHAIN COUPLING
6	26016	1	CHAIN - COUPLING
7	26030	1	CONNECTING LINK - CHAIN
8	31368	1	KEY, 1/4 X 7/8
9	43323	1	SPROCKET - AGITATOR DRIVE

# DIESEL BURNER



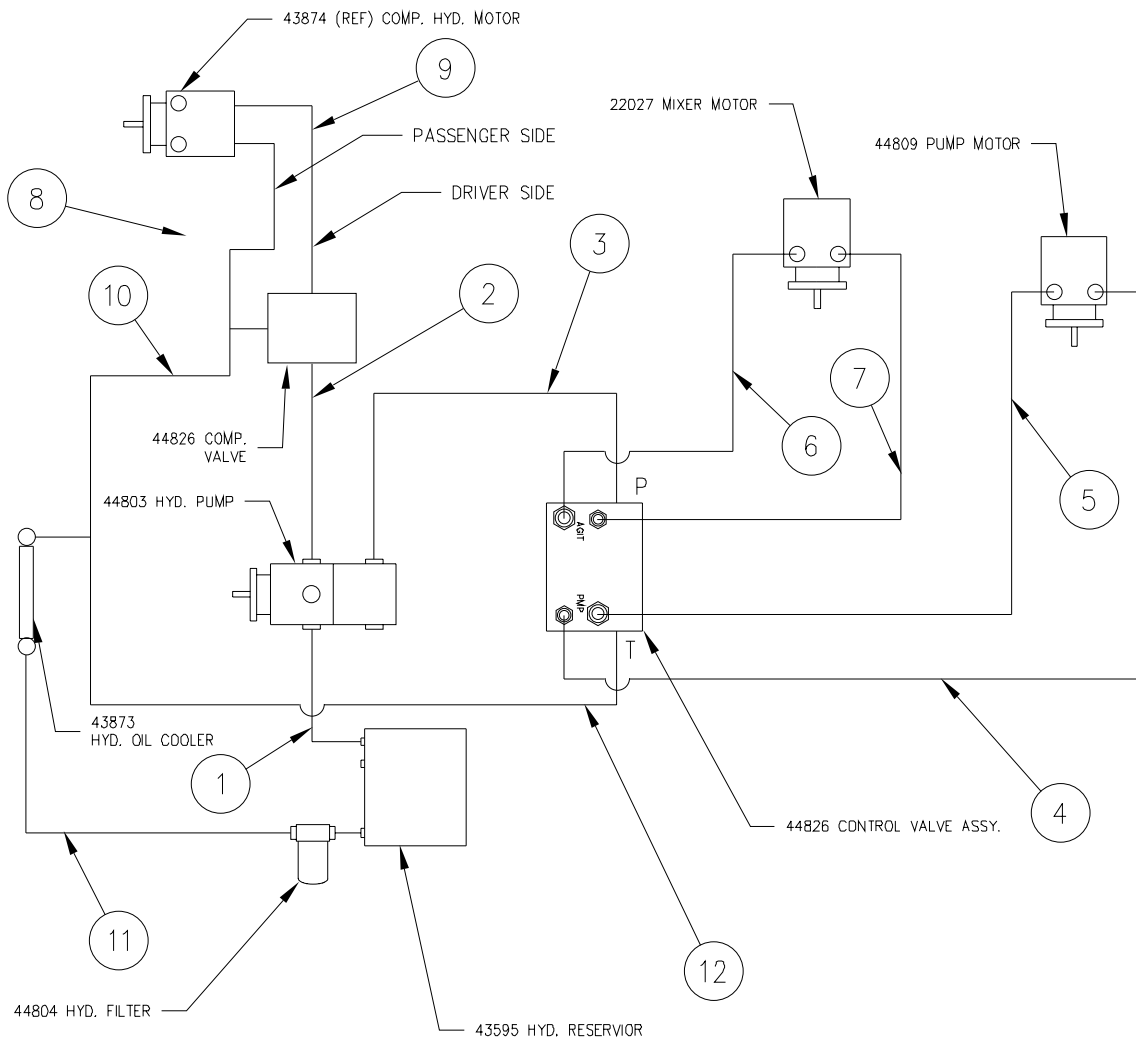


# DIESEL BURNER

<b>DIESEL BURNER</b>			
<b>ITEM</b>	<b>PART NUMBER</b>	<b>QTY</b>	<b>DESCRIPTION</b>
1	41949	-	IGNITION TRANSFORMER
2	41890	-	BLOWER MOTOR
3	41934	-	BRUSH KIT - MOTOR
4	41970	-	COUPLING - FUEL PUMP
5	41979	-	PUMP - FUEL
6	41888	-	SOLENOID - FUEL
7	41993	-	ELECTRODE
8a	41883	-	NOZZLE (SS125D, SS125DC, SS125DCRC)
8b	41881	-	NOZZLE (SS250D, SS250DC, SS250DRC)
8c	42559	-	NOZZLE (350D, 400D)
9	41870	-	CAD EYE (NOT SHOWN)
10	42335	-	DC CONTROLLER (NOT SHOWN)

# HYDRAULIC DIAGRAM

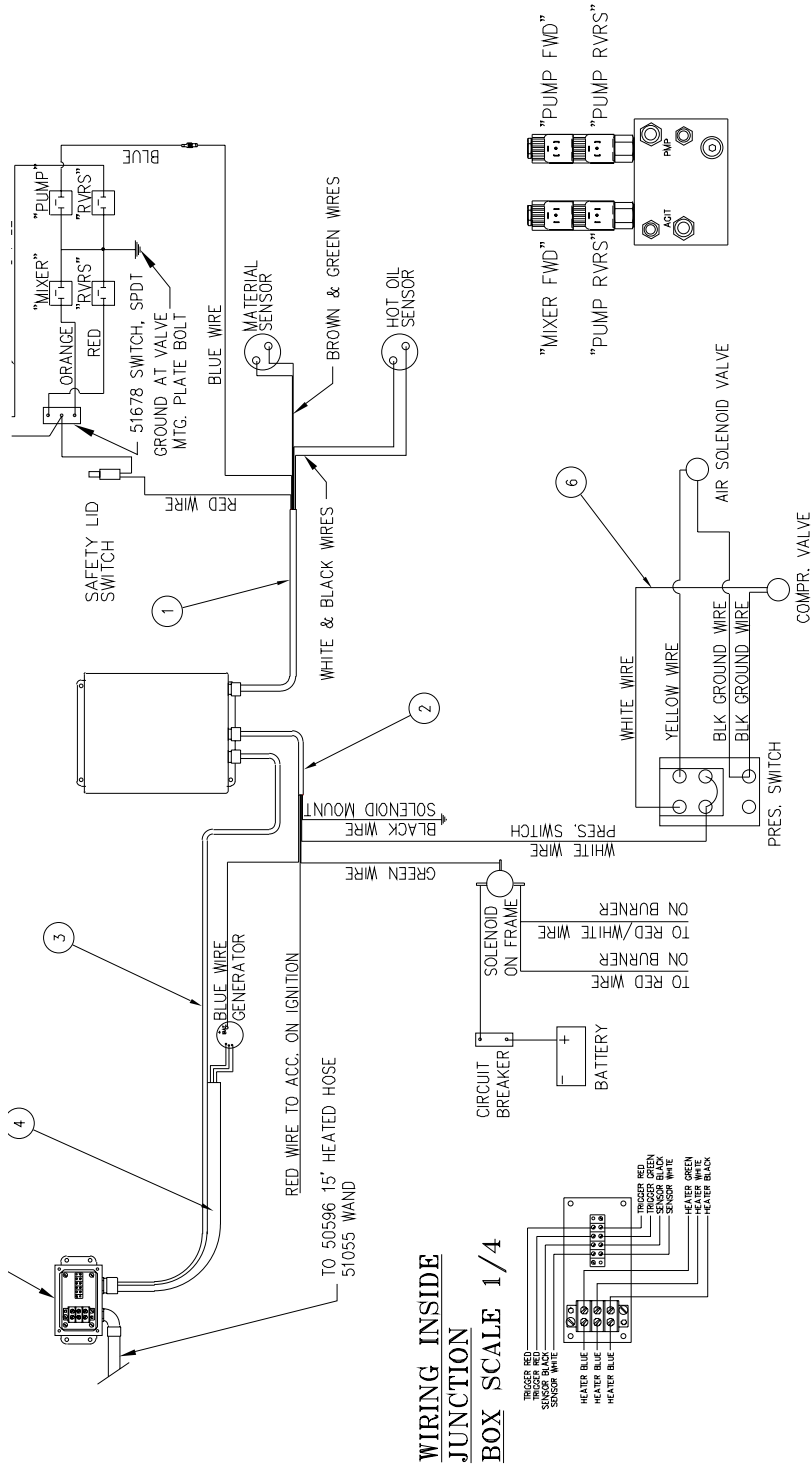
AGITATOR DIRECTION = COUNTERCLOCKWISE  
 MATERIAL PUMP DIRECTION = CLOCKWISE  
 HYDRAULIC FLOW = 7.5 GPM @ 2850 RPM  
 RELIEF VALVE (RVA) = 1800 PSI  
 RELEIF VALVE (RVM) = 2300 PSI



# HYDRAULIC DIAGRAM

<b>1. HYDRAULIC RESERVOIR TO HYDRAULIC PUMP SUCTION</b>		
REF	29948	1 1/4 NPT X 1" TUBE ELBOW
1	C12-16FJ-12FJ-34	HYDRAULIC HOSE ASSEMBLY 3/4 X 34" LONG
1	29819	3/4 TUBE X 1-1/16-12 O-RING
<b>2. HYDRAULIC PUMP TO HYDRAULIC VALVE "P" PORT</b>		
1	29812	5/8 TUBE X 7/8-14 O-RING ADAPTER
1	AX8-10FJ-8FJ9L-111	HYDRAULIC HOSE ASSEMBLY 1/2 X 111" LONG
1	29897	1/2 TUBE X 3/4-16 O-RING ADAPTER
<b>3. HYDRAULIC VALVE "A" PORT TO MAT'L PUMP MOTOR</b>		
1	40311	3/8 TUBE X 9/16-18 O-RING ADAPTER
1	AX6-6FJ-6FJ9-30	HYDRAULIC HOSE ASSEMBLY 3/8 X 30" LONG
1	22029	3/8 TUBE X 7/8-14 O-RING ADAPTER
<b>4. HYDRAULIC VALVE "PMP B" PORT TO MAT'L PUMP MOTOR</b>		
1	29919	1/2 TUBE X 9/16-18 O-RING ADAPTER
1	AX6-8FJ-6FJ9-28	HYDRAULIC HOSE ASSEMBLY 3/8 X 28" LONG
1	22029	3/8 TUBE X 7/8-14 O-RING ADAPTER
<b>5. HYDRAULIC VALVE "AGIT B" PORT TO MIXER MOTOR</b>		
1	29919	1/2 TUBE X 9/16-18 O-RING ADAPTER
1	AX6-8FJ-6FJ9-33	HYDRAULIC HOSE ASSEMBLY 3/8 X 33" LONG
1	22029	3/8 TUBE X 7/8-14 O-RING ADAPTER
<b>6. MIXER MOTOR TO HYDRAULIC VALVE "AGIT A" PORT</b>		
1	22029	3/8 TUBE X 7/8-14 O-RING ADAPTER
1	AX6-6FJ-6FJ9-35	HYDRAULIC HOSE ASSEMBLY 3/8 X 35" LONG
1	40311	3/8 TUBE X 9/16-18 O-RING ADAPTER
<b>7. HYDRAULIC VALVE "T" PORT TO HYDRAULIC FILTER</b>		
1	29896	1/2 TUBE X 7/8-14 O-RING ELBOW ADAPTER
1	AX8-8FJ-12FJ9-106	HYDRAULIC HOSE ASSEMBLY 1/2 X 106" LONG
1	29816	3/4 TUBE X 1 5/16" O-RING ADAPTER

# ELECTRICAL CABLES



# ELECTRICAL CABLES

ITEM	PART NUMBER	QTY	DESCRIPTION
1	43926	1	SENSOR CABLE ASSEMBLY
2	43927	1	POWER CABLE ASSEMBLY
3	43928	1	TRIGGER/SENSOR CABLE ASSEMBLY
4	43908	1	HOSE CABLE ASSEMBLY
5	43921	1	CABLE ASSEMBLY, VALVE
6	24015	1	BATTERY CABLE, 38" - POSITIVE
7	24010	1	BATTERY CABLE, 12" - NEGATIVE
8	27174	1	BATTERY CABLE, 32" - ENGINE GROUND

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