



PARTS LIST FOR

GH-3004-SM10/30

GH-3004-OM10/30

GH-4004-SM10/30

(GRAINGER ITEM #2G XK9, #2G XL1, #1RM77, #1RM78, #822TP3 AND #822TP4)
HOT WATER PRESSURE WASHER

MANUFACTURED FOR W.W. GRAINGER INC.
FOR REPLACEMENT PARTS CALL **888-279-9274**

PUMP OIL GRADE:	SAE30W NON-DETERGENT (GRAINGER ITEM #4ZF21)
PUMP OIL CAPACITY:	41 OZ.
FUEL NOZZLE:	1.75 60°B DELAVAN
BTU INPUT:	294,000
PRESSURE NOZZLE SIZE:	4.0

This Parts Listing has been compiled for your benefit. You can be assured your hot water pressure washer was constructed and designed with quality and performance in mind. Each component has been rigorously tested to insure the highest level of acceptance.

The contents of this Parts Listing are based on the latest product information available at the time of publication. The manufacturer reserves the right to make changes in price, color, materials, equipment, specifications or models at any time without notice.

WARNING

THIS IS A PROFESSIONAL HIGH PRESSURE, HOT WATER PRESSURE WASHER. CAUTION SHOULD BE OBSERVED WHEN USING OR REPAIRING THIS UNIT! READ AND FOLLOW THE SAFETY WARNINGS LISTED BELOW BEFORE ATTEMPTING ANY REPAIRS ON THIS PRESSURE WASHER!

SAFETY WARNINGS

1. NEVER alter or modify the equipment. Be sure any accessory items and system components being used will withstand the pressure developed. Use only genuine manufacturer parts for repair of your pressure washer. Failure to do so can cause hazardous operating conditions and will VOID warranty.
2. This unit has multiple safety devices which should never be altered, modified, removed or made inoperable. If a device fails, replace immediately with only genuine manufacturer replacement parts.
3. Electrical System: The unit must be connected to a properly grounded electrical source which provides the correct voltage and adequate fuse protection. Disconnect from power source when making repairs. Never assume the pressure washer is safe to work on just because it is not operating. It could restart at any time. Never operate the pressure washer with electrical enclosures open, removed or damaged. Do not allow metal components of the pressure washer to come in contact with live electrical components.
4. Do not operate the unit without all protective covers in place. Know how to stop and bleed pressures quickly. Be thoroughly familiar with controls.
5. Before servicing the unit, turn unit off, and trigger the gun to release trapped pressure. Do not make repairs while the unit is running. Service in a clean, dry, flat area.
6. After testing the machine, DO NOT leave the pressurized unit unattended. Shut off the unit and release trapped pressure before leaving.

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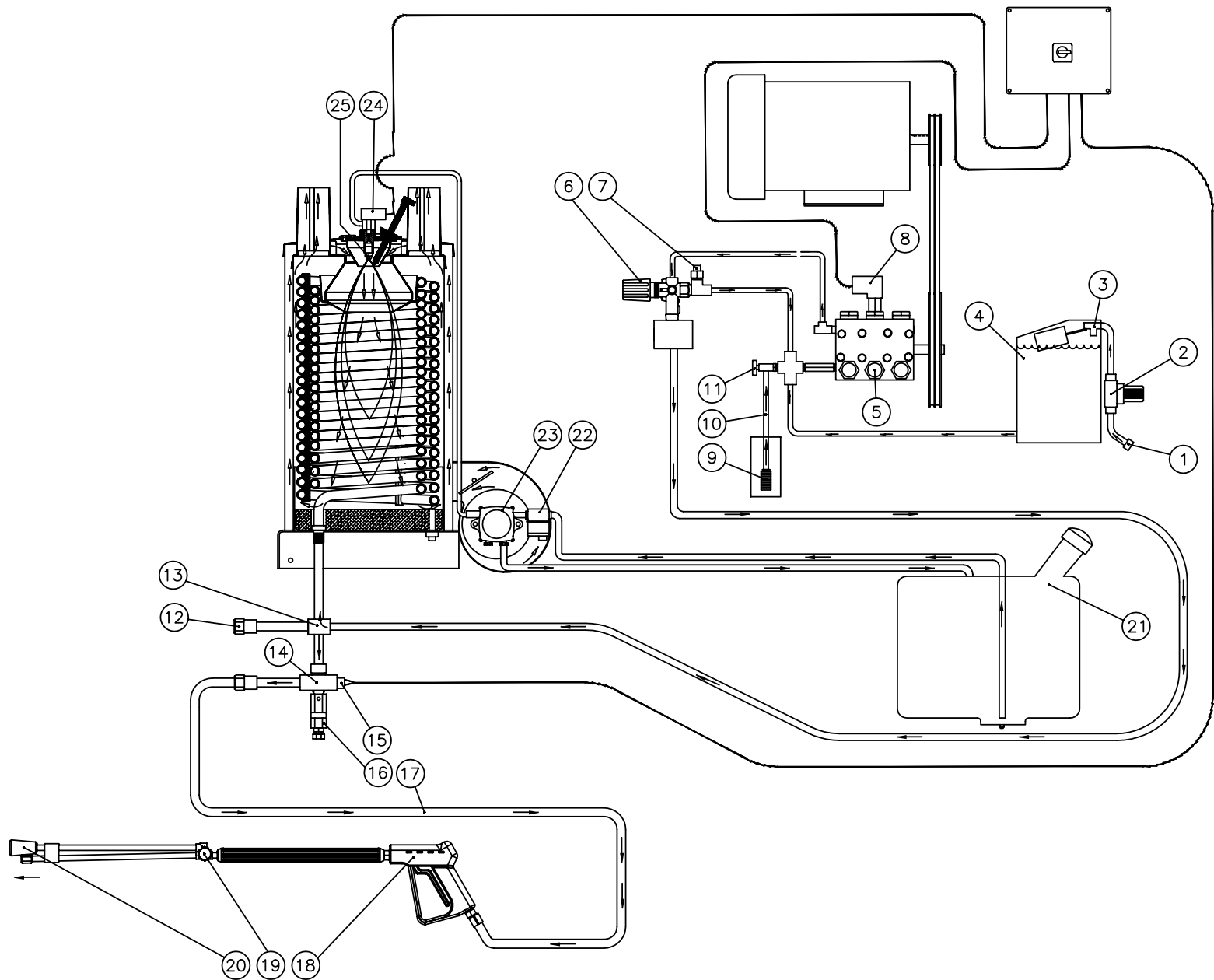
NOTES

DATE	SERIAL NUMBER BREAK	REASON FOR CHANGE
05/4/05		CHANGED GUN FROM 850-0181 TO 16-0001. CHANGED LANCE FROM 850-0185 TO 16-0416.
	#15045000	CHANGED PRESSURE SEAL ON PUMP 3-0202
03/17/21	#15143763	CHANGED MOTOR 2-0092 TO 2-0218
05/24/21	#15144936	CHANGED MOTOR 2-0093 TO 2-0211
05/21/24		ADDED GH-4004-SM10/30 UNITS
10/30/24	#15168467	REPLACE 32-1223 GFCI CORD WITH 32-0012 PLUG & 32-0021 CORD

SPECIFICATIONS

MODEL NUMBER	GH-3004-SM10	GH-3004-SM30	GH-3004-0M10	GH-3004-0M30	GH-4004-SM10	GH-4004-SM30						
Operating Pressure (PSI/Bar):	3000/ 207				4000/ 276							
Water Volume (GPM/lpm):	3.5/ 13.3											
Outlet Water Temperature (F/C):	1 40°F/ 78°C (+/- 1 0°F) rise above inlet ambient (21 0°F/ 99°C maximum)											
Electrical System:												
Phase	Single	Three	Single	Three	Single	Three						
Hz	60											
Voltage	208-230	208-230	208-230	208-230	230	230						
Total System Amperage	36	24	36	24	39	28						
On/ Off Switch	Industrial Cam Switch											
Motor (Pump):	TEFC											
Horsepower	68											
RPM	1750											
Amperage	34.5	22/11	34.5	22/11	37.5	25/12.5						
Service Factor	1.00	1.15	1.00	1.15								
High Pressure Pump:	Belt Driven, Oil Bath, Triplex Piston											
Oil Type	SAE30W Non-Detergent (Grainger Item #4ZF21)											
Oil Capacity (oz./liters)	46/1.2				37.2/1.1							
Plungers	Ceramic											
Manifold	Forged Brass											
Valves	Stainless Steel											
Water System:												
Inlet Water Strainer	Removable Bowl for inspection and cleaning of Stainless Steel Screen											
Float Tank Capacity (Gal./ Liters)	2.0 / 7.6											
Unloader	Pressure Trapping, Preset											
Heat Dump Valve	Relieves heated water during unloader bypass stage											
Detergent System	Adjustable high pressure											
Burner Fuel System:												
Fuel Type	No.1 or No.2 Fuel Oil, Diesel or Kerosene											
Fuel Capacity (Gal./liters)	10/37.9											
Fuel Filter/ Water Separator	Spin on (10 micron) filter/ E-Z water drain											
Fuel Pump	Two Line, Single Stage											
Fuel Pressure (PSI/ BAR)	145/ 10											
Fuel Nozzle	1.75 60° B Delavan											
Fuel Consumption (GPH/ LPH)	2.1/ 7.9 Cont. Burning											
Burner Electrical System:												
Voltage	208/ 230											
Amps	1.5											
Heat Exchanger:	Vertical, Top Fired, Dual Spiral Coil											
BTU Input	294,000											
Efficiency	86% with #2 Fuel Oil/ Diesel											
Smoke Density	0-3 per ASTM D2156											
Safety Relief:												
Pressure Switch	Shuts off burner fuel supply upon trigger release											
High Limit Switch	Shuts off burner fuel supply when outlet water temperature exceeds 250°F/ 121°C		Shuts off burner fuel supply when outlet water temperature exceeds 210°F/ 99°C									
Fuel Solenoid Valve	120 Volt, controls fuel supply to burner											
Safety Relief	Relieves excess system pressure											
High Pressure Nozzle:	4				3.5	3.5						
Unit Net Weight (Lbs/Kg)	607/276	595/270	607/276	595/270	631/280	612/278						
Unit Shipping Weight (Lbs/Kg)	737/335	732/332	737/335	732/332	761/345	742/337						
Unit Net Dimension (In/Cm)	49.5Lx28Wx40.5H/126Lx70Wx103H											
Unit Shipping Dimension (In/Cm)	57.5Lx35.5Wx59.5H/146Lx90Wx151H											

FLOW CHART



OMHSE064-033005-RZ

GENERAL THEORY OF OPERATION

WATER FLOW: Connect a pressurized water source to the Inlet Garden Hose Connection (1) and turn on the water supply. The water will flow through a Water Strainer (2) which has a removable inspection bowl and then through a FLOAT VALVE (3) into a WATER FLOAT TANK (4).

The water is then drawn into the Triplex High Pressure Pump (5) which has an Unloader (6) that bypasses the water when the trigger gun is closed. To protect the pump from heated water during this bypass stage, a Heat Dump Valve (7) will open at 140°F/60°C allowing the heated water to escape. The Heat Dump Valve automatically resets when the water cools. Attached to the pump is a Pressure Switch (8) that controls the fuel supply to the burner.

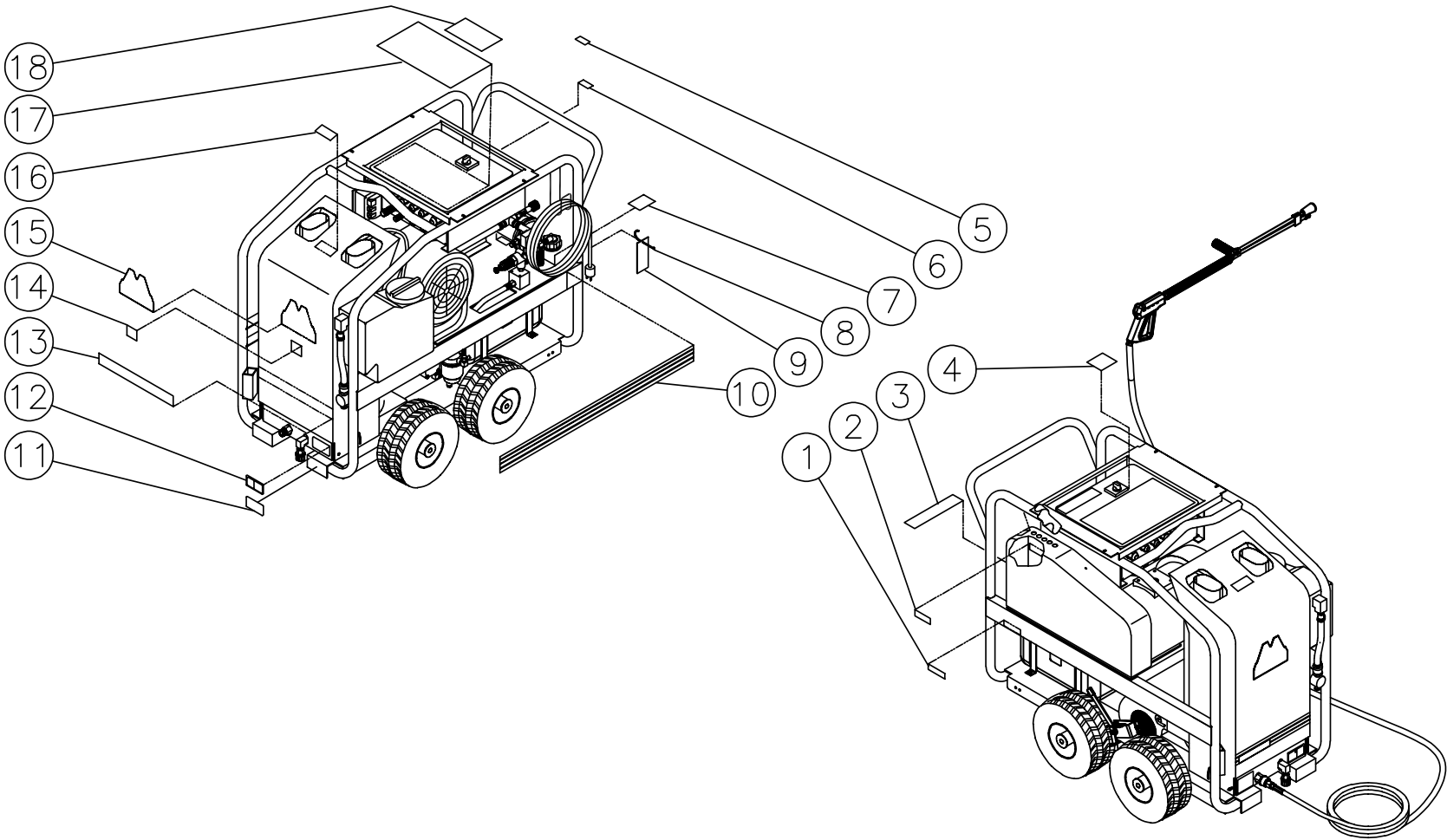
When using detergents, the solution passes through the Detergent Strainer (9) located on the Detergent Hose (10). The detergent solution then travels through the DETERGENT METERING VALVE (11).

From there, the water may be allowed to flow out of the drain plug (12) or through heat exchanger inlet (13) where it is heated when the burner is on. As the water exits the Heat Exchanger outlet (14), it enters a safety system which protects the operator from danger. The safety system contains a HIGH TEMPERATURE LIMIT SWITCH (15) which senses the water temperature and shuts off the fuel supply to the burner if it gets too hot. If the unloader fails to bypass water or the burner remains on when the trigger gun is closed, the SAFETY RELIEF (16) will relieve and allow water to exit safely.

The heated water then flows through the High Pressure Hose (17) and to the Trigger Gun Assembly (18) which allows the operator to control the water spray. When the trigger gun is open, the water flows through the Adjustable Pressure Dual Lance (19) and exits the Nozzle (20).

FUEL FLOW: The Fuel Pump draws fuel from the Fuel Tank (21) through a replaceable Fuel Filter/Water Separator (22) and into the Fuel Pump (23). Fuel exits the fuel pump, into a Fuel Solenoid Valve (24) which controls fuel flow to the Fuel Nozzle (25) where it ignites and burns in the heat exchanger.

SAFETY DECAL PLACEMENT

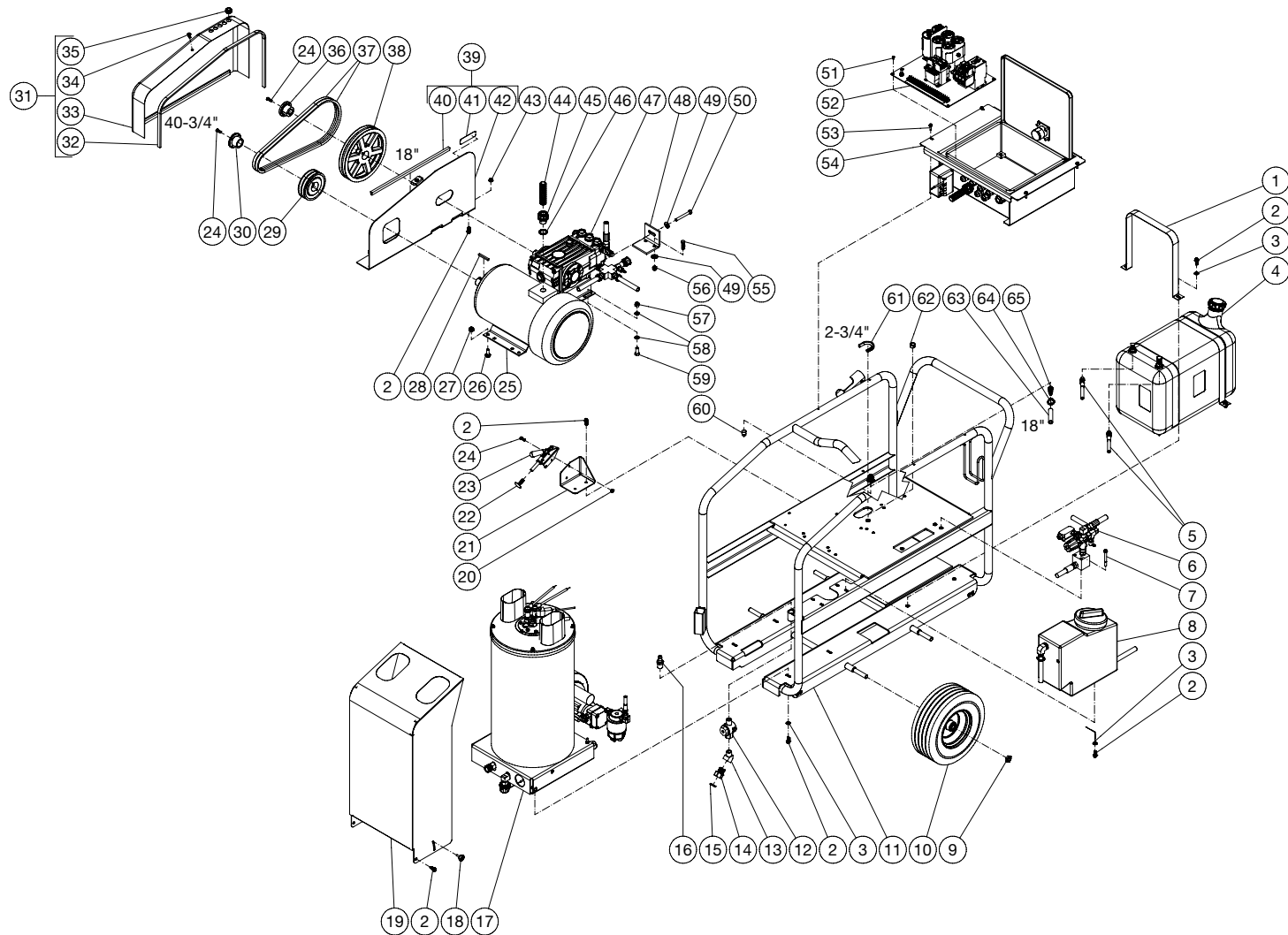


GH-2504-3004-SM10-30 SAFETY
DECAL PLACEMENT 072821 JRC

SAFETY DECAL PLACEMENT

GH-2504_3004-SM10-30 SAFETY DECAL PLACEMENT 072821_T			
SAFETY DECALS			
REF. #	DESCRIPTION	PART #	QTY.
1	DECAL- PUMP OIL DRAIN (E/S) (SEE 71-0057)	N/A SEP.	1
2	DECAL- WARNING: GUARD IN PLACE (E/S) (SEE 71-0057)	N/A SEP.	1
3	DECAL- WARNING: DO NOT USE GASOLINE (E/S))	34-0806	1
4	DECAL- WARNING: INSTRUCTIONS/OPERATIONS	N/A SEP.	1
5	DECAL- PUMP I.D. (SEE	N/A	1
6	DECAL- DETERGENT ADJUSTMENT (E/S) (SEE 71-0057)	N/A SEP.	1
7	DECAL- DATA PLATE	N/A	1
8	CABLE TIE	33-0022	1
9	DECAL- WARNING: HANG TAG (E/S)	34-1035	1
10	DECAL- STRIPE	34-2192	2
11	DECAL - MADE IN USA	34-3553	1
12	DECAL- WARNING: DON'T MODIFY PLUMBING (E/S) (SEE 71-0057)	N/A	1
13	DECAL- STRIPE 2500PSI	34-2567	1
-	DECAL- STRIPE 3000PSI	34-2565	1
14	DECAL- GRAINGER 800#	34-1444	1
15	DECAL- LOGO	34-2170	1
16	DECAL- WARNING: HOT COIL EXHAUST (E/S) (SEE 71-0057)	N/A SEP.	1
17	DECAL- WARNING/CAUTION/OPERATION (E/S) (SEE 71-0057)	N/A SEP.	1
18	DECAL- OFF/PUMP/BURNER/STEAM (SEE 71-0057)	N/A SEP.	1
-	SAFETY DECAL KIT (INCLUDES 3-7, 9, 13, 16-19)	71-0057	

FRAME ASSEMBLY GH-2504_3004-SM10_30 (BEFORE SERIAL #15143763)

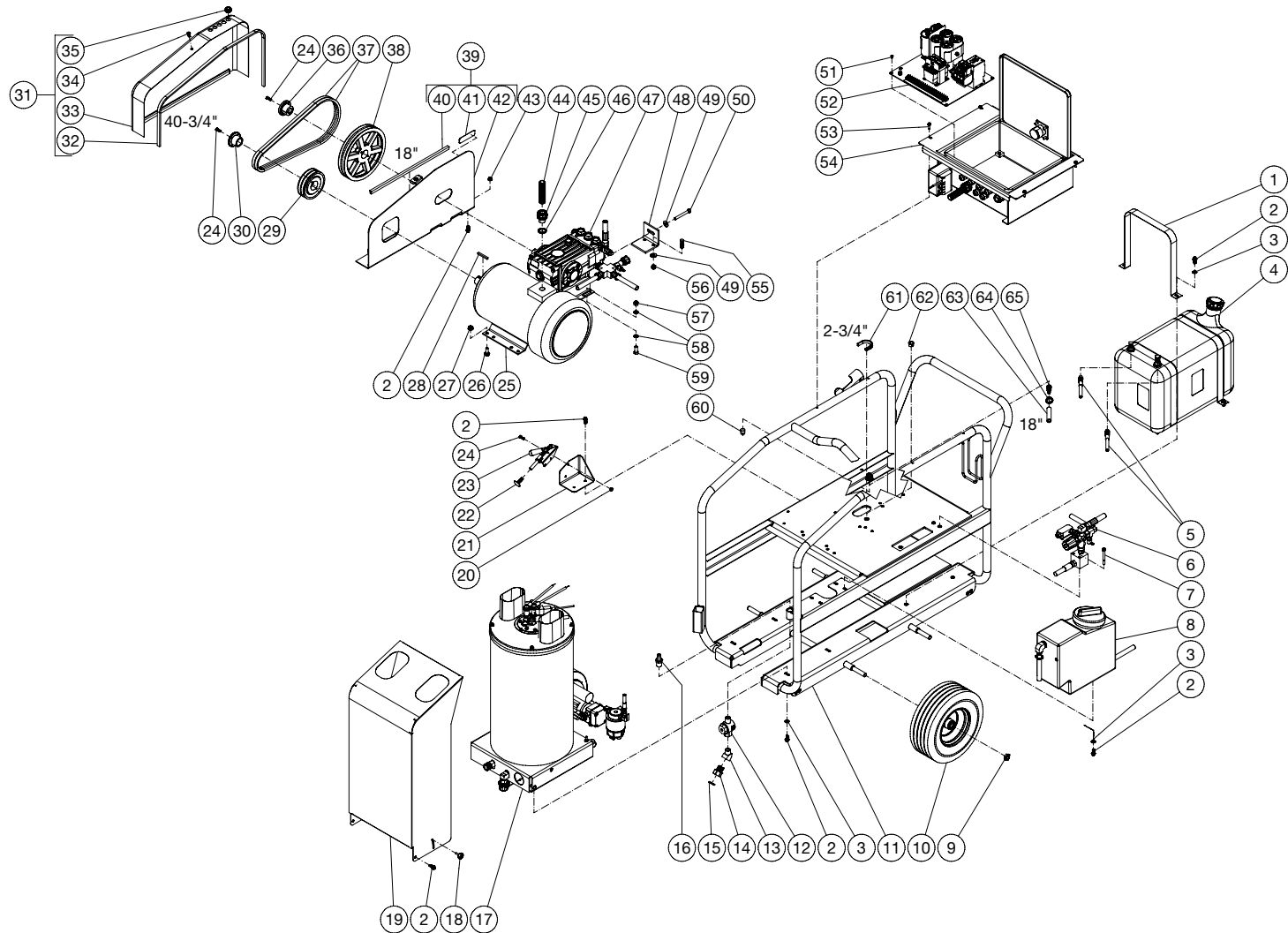


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FRAME ASSEMBLY GH-2504_3004-SM10_30 (BEFORE SERIAL #15143763)

UNIT ASSEMBLY							
ITEM	TITLE	PART #	QTY		ITEM	TITLE	PART # QTY
1	FUEL TANK STRAP	20-0579A18	2		31	BELTGUARD COVER ASSEMBLY (33-36)	850-0447 1
2	BOLT	27-9524	20		32	EDGING *(FOUR FEET REQUIRED)	33-0020 1
3	WASHER	28-0003	12		33	BELTGUARD COVER	N/A 1
4	FUEL TANK ASSEMBLY	850-0303	1		34	FASTENER	33-0197 1
5	HP FUEL HOSE	15-0190	2		35	GROMMET	33-0001 5
6	UNLOADER ASSEMBLY	N/A	1		36	BUSHING	9-0017 1
7	BOLT	27-8040	2		37	BELT (2504/3504)	11-0001 2
8	FLOAT TANK ASSEMBLY	N/A	1		-	BELT (3004)	11-0017 2
9	LOCKNUT	30-0117	4		38	SHEAVE	10-0038 1
10	WHEEL	14-0150	4		39	BACKPLATE ASSEMBLY (41-43)	850-0241 1
11	FRAME	5-0138A18	1		40	EDGING *(TWO FEET REQUIRED)	33-0020 1
12	WATER FILTER	19-0096	1		41	DECAL - BELTGUARD IN PLACE (SEE 71-0057)	N/A 1
13	ELBOW	23-0344	1		42	BELTGUARD BACK	N/A 1
14	SWIVEL	23-0095	1		43	NUT	30-3023 4
15	GARDEN HOSE GASKET	26-0001	1		44	CONDUIT *(ONE FOOT REQUIRED) (2504)	32-0486 1
16	HOSE BARB	23-0005	1		-	CONDUIT 3/4" BLACK *(ONE FOOT REQUIRED) (3004/3504)	32-0486 1
17	HEAT EXCHANGER ASSEMBLY	N/A	1		45	CONDUIT STRAIGHT	32-0488 1
18	KNOB	62-0057	2		46	GASKET	26-0314 1
19	HOOD	20-0379A18	1		47	PUMP ASSEMBLY	N/A 1
20	LOCKNUT	30-0155	2		48	BRACKET	13-0003A18 1
21	BRAKE BRACKET	20-1357A18	1		49	WASHER	28-0023 3
22	BOLT	27-9550	1		50	BOLT	27-0576 1
23	PUSH/PULL TOGGLE CLAMP	33-0400	1		51	BOLT	27-8922 4
24	BOLT	27-0015	6		52	ELECTRIC PANEL ASSEMBLY	N/A 1
25	MOTOR (2504-SM10)	2-0090	1		53	BOLT	27-9527 4
-	MOTOR (2504-SM30)	2-0091	1		54	CONTROL PANEL ASSEMBLY	N/A 1
-	MOTOR (3004-SM10)	2-0092	1		55	BOLT	27-0118 2
-	MOTOR (3004-SM30)	2-0093	1		56	LOCKNUT	30-0159 2
26	BOLT	27-8923	4		57	LOCKNUT	30-0161 4
27	NUT	30-3030	4		58	WASHER	28-0030 8
28	KEY (2504)	43-0078	1		59	BOLT	27-0166 4
-	KEY (3004/3504)	43-0174	1		60	PLUG	24-0034 1
29	SHEAVE (2504)	10-0065	1		61	EDGING *(ONE FOOT REQUIRED)	33-0020 1
-	SHEAVE (3004)	10-0036	1		62	CORD BUSHING	32-0465 1
-	SHEAVE (3504)	10-0041	1		63	HOSE *(TWO FEET REQUIRED)	15-0020 1
30	BUSHING (2504)	9-0010	1		64	HOSE CLAMP	42-0011 1
-	BUSHING (3004/3504)	9-0008	1		65	HOSE BARB	23-0073 1
*MUST ORDER IN ONE FOOT LENGTHS							

FRAME ASSEMBLY GH-2504_3004-0M10_30 (BETWEEN SERIAL #15143764 - #15144935)

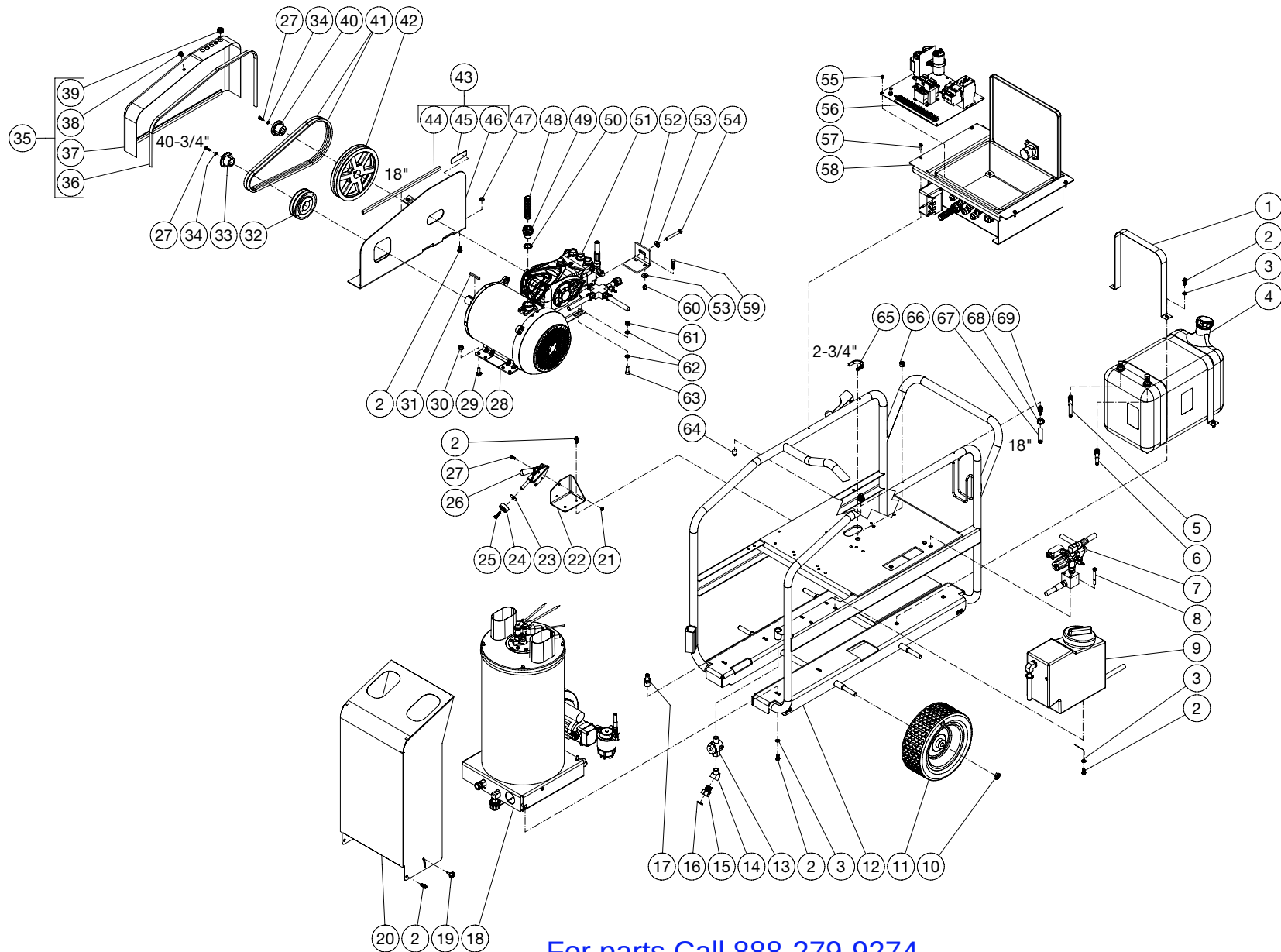


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FRAME ASSEMBLY GH-2504_3004-0M10_30 (BETWEEN SERIAL #15143764 - #15144935)

OMHSE016 030520 0M10_30 Grainger JC							
UNIT ASSEMBLY							
ITEM	TITLE	PART #	QTY		ITEM	TITLE	PART # QTY
1	FUEL TANK STRAP	20-0579A18	2		31	BELTGUARD COVER ASSEMBLY (33-36)	850-0447 1
2	BOLT	27-9524	20		32	EDGING *(FOUR FEET REQUIRED)	33-0020 1
3	WASHER	28-0003	12		33	BELTGUARD COVER	N/A 1
4	FUEL TANK ASSEMBLY	850-0303	1		34	FASTENER	33-0197 1
5	HP FUEL HOSE	15-0190	2		35	GROMMET	33-0001 5
6	UNLOADER ASSEMBLY	N/A	1		36	BUSHING	9-0017 1
7	BOLT	27-8040	2		37	BELT (2504/3504)	11-0001 2
8	FLOAT TANK ASSEMBLY	N/A	1		-	BELT (3004)	11-0017 2
9	LOCKNUT	30-0117	4		38	SHEAVE	10-0038 1
10	WHEEL	14-0150	4		39	BACKPLATE ASSEMBLY (41-43)	850-0241 1
11	FRAME	5-0138A18	1		40	EDGING *(TWO FEET REQUIRED)	33-0020 1
12	WATER FILTER	19-0096	1		41	DECAL - BELTGUARD IN PLACE (SEE 71-0057)	N/A 1
13	ELBOW	23-0344	1		42	BELTGUARD BACK	N/A 1
14	SWIVEL	23-0095	1		43	NUT	30-3023 4
15	GARDEN HOSE GASKET	26-0001	1		44	CONDUIT *(ONE FOOT REQUIRED) (2504)	32-0486 1
16	HOSE BARB	23-0005	1		-	CONDUIT 3/4" BLACK *(ONE FOOT REQUIRED) (3004/3504)	32-0486 1
17	HEAT EXCHANGER ASSEMBLY	N/A	1		45	CONDUIT STRAIGHT	32-0488 1
18	KNOB	62-0057	2		46	GASKET	26-0314 1
19	HOOD	20-0379A18	1		47	PUMP ASSEMBLY	N/A 1
20	LOCKNUT	30-0155	2		48	BRACKET	13-0003A18 1
21	BRAKE BRACKET	20-1357A18	1		49	WASHER	28-0023 3
22	BOLT	27-9550	1		50	BOLT	27-0576 1
23	PUSH/PULL TOGGLE CLAMP	33-0400	1		51	BOLT	27-8922 4
24	BOLT	27-0015	6		52	ELECTRIC PANEL ASSEMBLY	N/A 1
25	MOTOR (2504-0M10)	2-0090	1		53	BOLT	27-9527 4
-	MOTOR (2504-0M30)	2-0091	1		54	CONTROL PANEL ASSEMBLY	N/A 1
-	MOTOR (3004-0M10)	2-0092	1		55	BOLT	27-0118 2
-	MOTOR (3004-0M30)	2-0093	1		56	LOCKNUT	30-0159 2
26	BOLT	27-8923	4		57	LOCKNUT	30-0161 4
27	NUT	30-3030	4		58	WASHER	28-0030 8
28	KEY (2504)	43-0078	1		59	BOLT	27-0166 4
-	KEY (3004/3504)	43-0174	1		60	PLUG	24-0034 1
29	SHEAVE (2504)	10-0065	1		61	EDGING *(ONE FOOT REQUIRED)	33-0020 1
-	SHEAVE (3004)	10-0036	1		62	CORD BUSHING	32-0465 1
-	SHEAVE (3504)	10-0041	1		63	HOSE *(TWO FEET REQUIRED)	15-0020 1
30	BUSHING (2504)	9-0010	1		64	HOSE CLAMP	42-0011 1
-	BUSHING (3004/3504)	9-0008	1		65	HOSE BARB	23-0073 1
*MUST ORDER IN ONE FOOT LENGTHS							

FRAME ASSEMBLY (AFTER SERIAL #15144936)

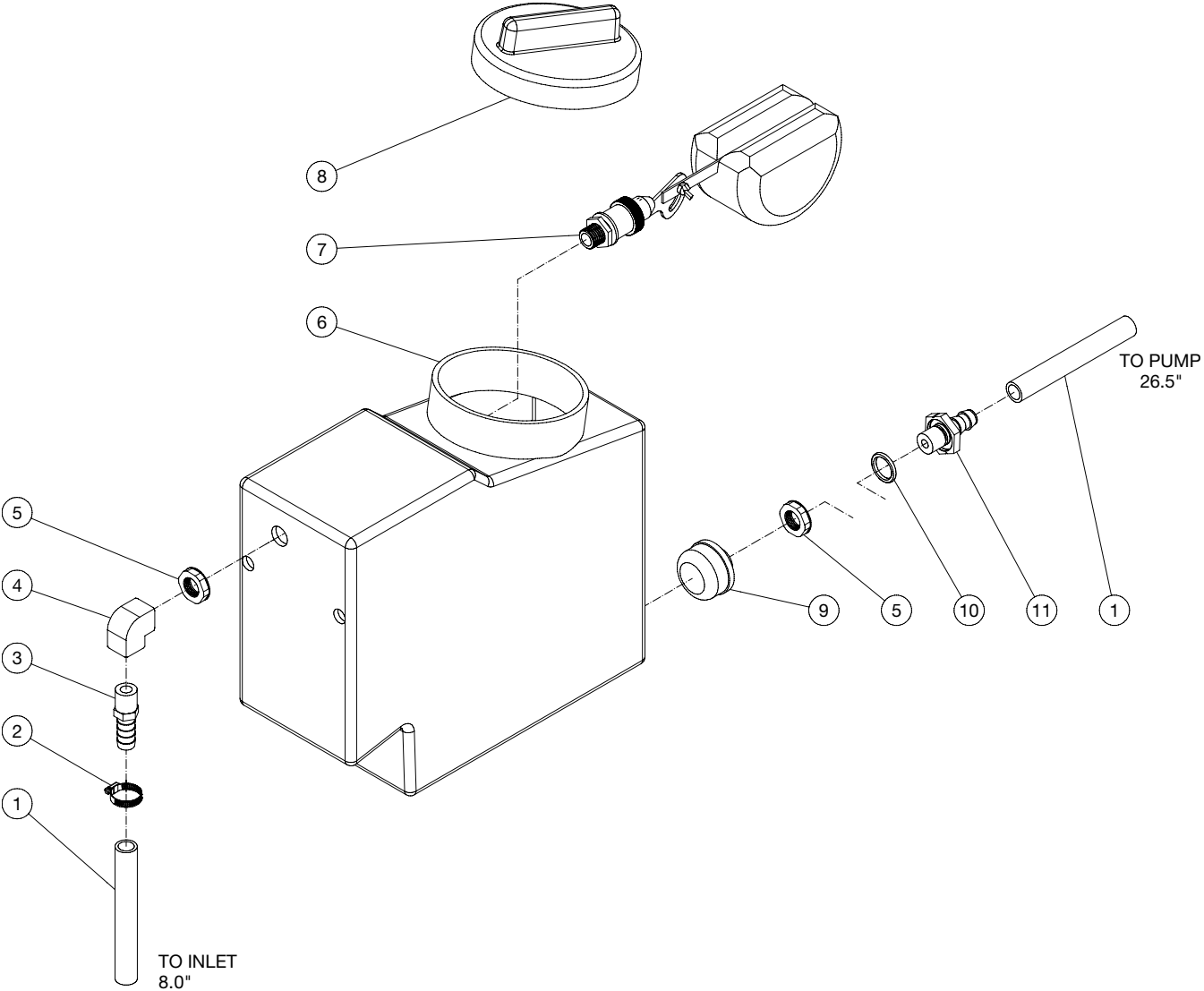


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FRAME ASSEMBLY (AFTER SERIAL #15144936)

OMHSE016 052224							
FRAME ASSEMBLY							
ITEM	TITLE	PART #	QTY	ITEM	TITLE	PART #	QTY
1	FUEL TANK STRAP	20-0579A18	2	34	LOCKWASHER	29-0006	4
2	BOLT	27-9524	20	35	BELTGUARD COVER ASSEMBLY (33-36)	850-0461	1
3	WASHER	28-0003	12	36	EDGING *(FOUR FEET REQUIRED)	33-0020	1
4	FUEL TANK ASSEMBLY	850-0303	1	37	BELTGUARD COVER	N/A	1
5	HP FUEL HOSE	15-0190	1	38	BOLT	27-1206	1
6	FUEL HOSE	15-0147	1	39	GROMMET	33-0001	5
7	UNLOADER ASSEMBLY	N/A	1	40	BUSHING	9-0017	1
8	BOLT	27-8040	2	41	BELT (3004)	11-0017	2
9	FLOAT TANK ASSEMBLY	N/A	1	-	BELT (4004)	11-0011	1
10	LOCKNUT	30-0117	4	42	SHEAVE	10-0038	1
11	WHEEL	14-0150	4	43	BACKPLATE ASSEMBLY	850-0458	1
12	FRAME	5-0138A18	1	44	EDGING *(TWO FEET REQUIRED)	33-0020	1
13	WATER FILTER	19-0096	1	45	DECAL - BELTGUARD IN PLACE (SEE 71-0057)	N/A	1
14	ELBOW	23-0344	1	46	BELTGUARD BACK	N/A	1
15	SWIVEL	23-0095	1	47	NUT	30-3023	4
16	GARDEN HOSE GASKET	26-0001	1	48	CONDUIT *(ONE FOOT REQUIRED)	32-0486	1
17	HOSE BARB	23-0005	1	49	CONDUIT STRAIGHT	32-0488	1
18	HEAT EXCHANGER ASSEMBLY	N/A	1	50	GASKET	26-0314	1
19	KNOB	62-0057	2	51	PUMP ASSEMBLY	N/A	1
20	HOOD	20-0379A18	1	52	BRACKET	13-0003A18	1
21	LOCKNUT	30-0155	2	53	WASHER	28-0023	3
22	BRAKE BRACKET	20-1357A18	1	54	BOLT	27-0576	1
23	WASHER	28-0057	1	55	SCREW	27-8933	4
24	ISOLATOR	14-0174	1	56	ELECTRIC PANEL ASSEMBLY	N/A	1
25	BOLT	27-0067	1	57	BOLT	27-9527	4
26	PUSH/PULL TOGGLE CLAMP	33-0400	1	58	CONTROL PANEL ASSEMBLY	N/A	1
27	BOLT	27-0015	6	59	BOLT	27-0118	2
28	MOTOR (3004-0M30 AND 3004-SM30)	2-0211	1	60	LOCKNUT	30-0159	2
-	MOTOR (4004-SM30)	2-0213	1	61	LOCKNUT	30-0161	4
-	MOTOR (3004-0M10 AND 3004-SM10)	2-0218	1	62	WASHER	28-0030	8
-	MOTOR (4004-SM10)	2-0222	1	63	BOLT	27-0166	4
29	BOLT	27-8923	4	64	PLUG	24-0034	1
30	NUT	30-3030	4	65	EDGING *(ONE FOOT REQUIRED)	33-0020	1
31	KEY	43-0174	1	66	CORD BUSHING	32-0465	1
32	SHEAVE (3004)	10-0036	1	67	HOSE *(TWO FEET REQUIRED)	15-0020	1
-	SHEAVE (4004)	10-0035	1	68	HOSE CLAMP	42-0011	1
33	BUSHING	9-0008	1	69	HOSE BARB	23-0073	1
*MUST ORDER IN ONE FOOT LENGTHS							

FLOAT TANK ASSEMBLY

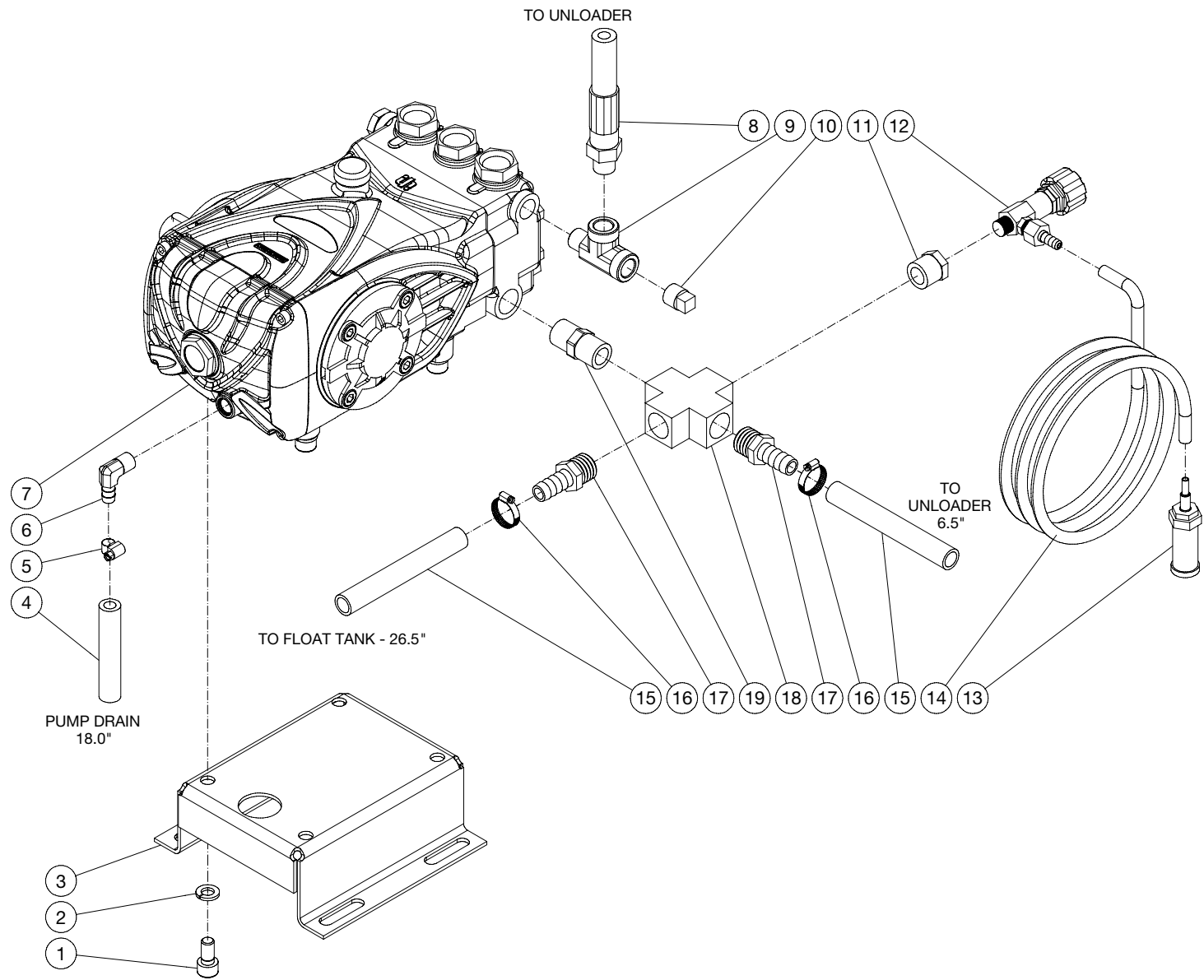


OMHSE017 - FLOAT TANK 111419 JJR

FLOAT TANK ASSEMBLY

OMHSE017 - FLOAT TANK 111419 JJR			
FLOAT TANK ASSEMBLY			
ITEM	DESCRIPTION	PART #	QTY
1	HOSE *(THREE FEET REQUIRED)	15-0007	1
2	HOSE CLAMP	42-0011	1
3	HOSE BARB	23-0105	1
4	ELBOW	23-0307	1
5	NUT	23-0138	2
6	FLOAT TANK	12-0066	1
7	FLOAT VALVE	850-0238	1
8	PLASTIC LID	39-0100	1
9	STRAINER	19-0273	1
10	O-RING	25-0427	1
11	HOSE BARB	23-0351	1
*MUST ORDER IN ONE FOOT LENGTHS			

PUMP ASSEMBLY



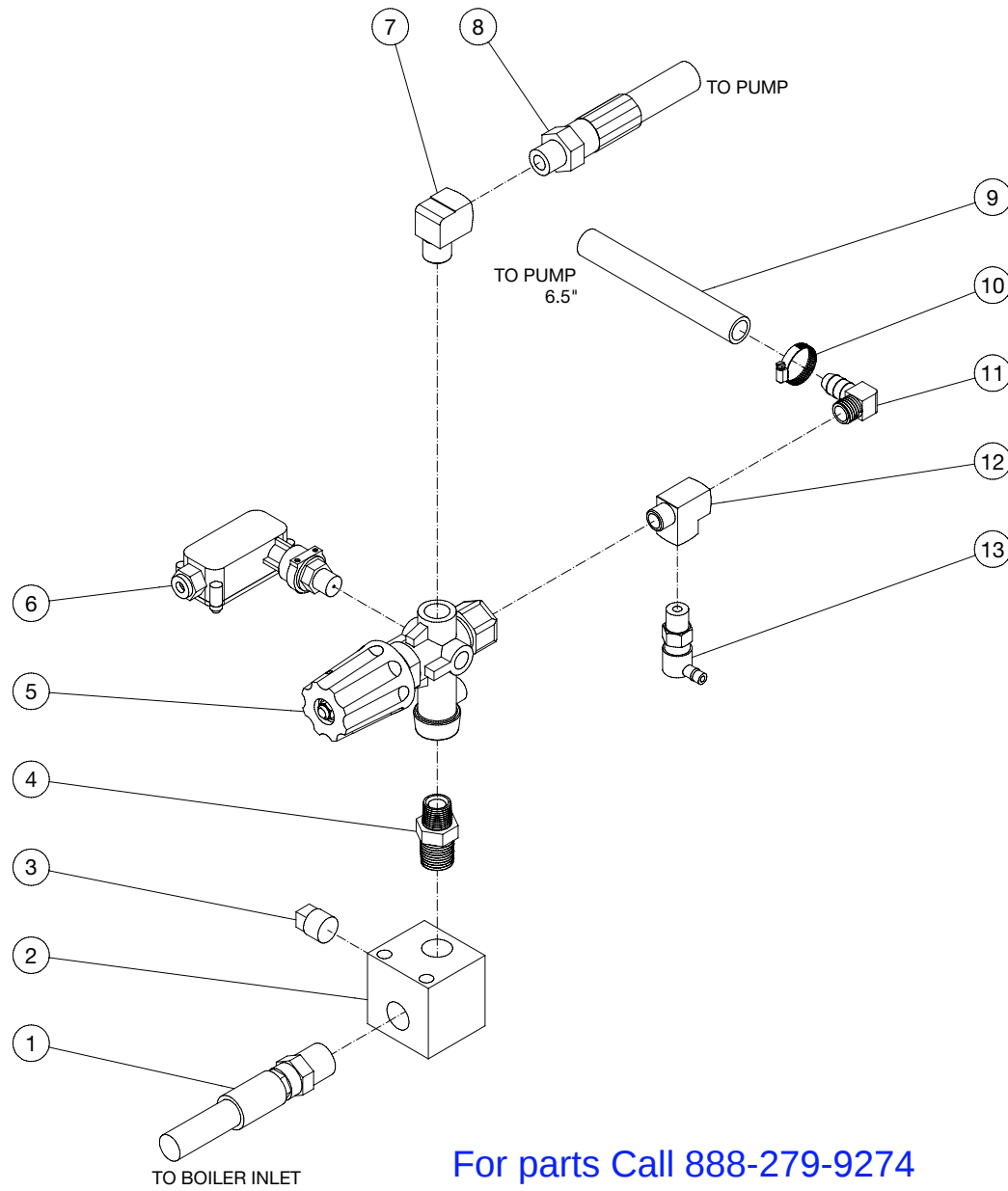
OMHSE017 - PUMP 112823

PUMP ASSEMBLY

For parts Call 888-279-9274

OMHSE017 - PUMP_GRAINGER 112823			
PUMP ASSEMBLY			
ITEM	DESCRIPTION	PART #	QTY
1	BOLT	27-8471	4
2	LOCKWASHER	29-0055	4
3	PUMP HAT	5-0101A18	1
4	HOSE *(TWO FEET REQUIRED)	15-0020	1
5	CLAMP WORM	42-0004	1
6	ELBOW	23-0123	1
7	PUMP (3004 / 3504)	3-0202	1
-	PUMP (4004)	3-0203	1
8	HIGH PRESSURE HOSE	15-0194	1
9	STREET TEE	23-0058	1
10	PLUG	24-0034	1
11	REDUCER	23-0056	1
12	DETERGENT VALVE	22-0226	1
13	STRAINER	19-0056	1
14	CHEMICAL HOSE *(SIX FEET REQUIRED)	15-0021	1
15	HOSE *(THREE FEET REQUIRED)	15-0007	1
16	HOSE CLAMP	42-0011	2
17	BARB	23-0045	2
18	CROSS	23-0071	1
19	NIPPLE	23-0012	1
*MUST ORDER IN ONE FOOT LENGTHS			

UNLOADER ASSEMBLY



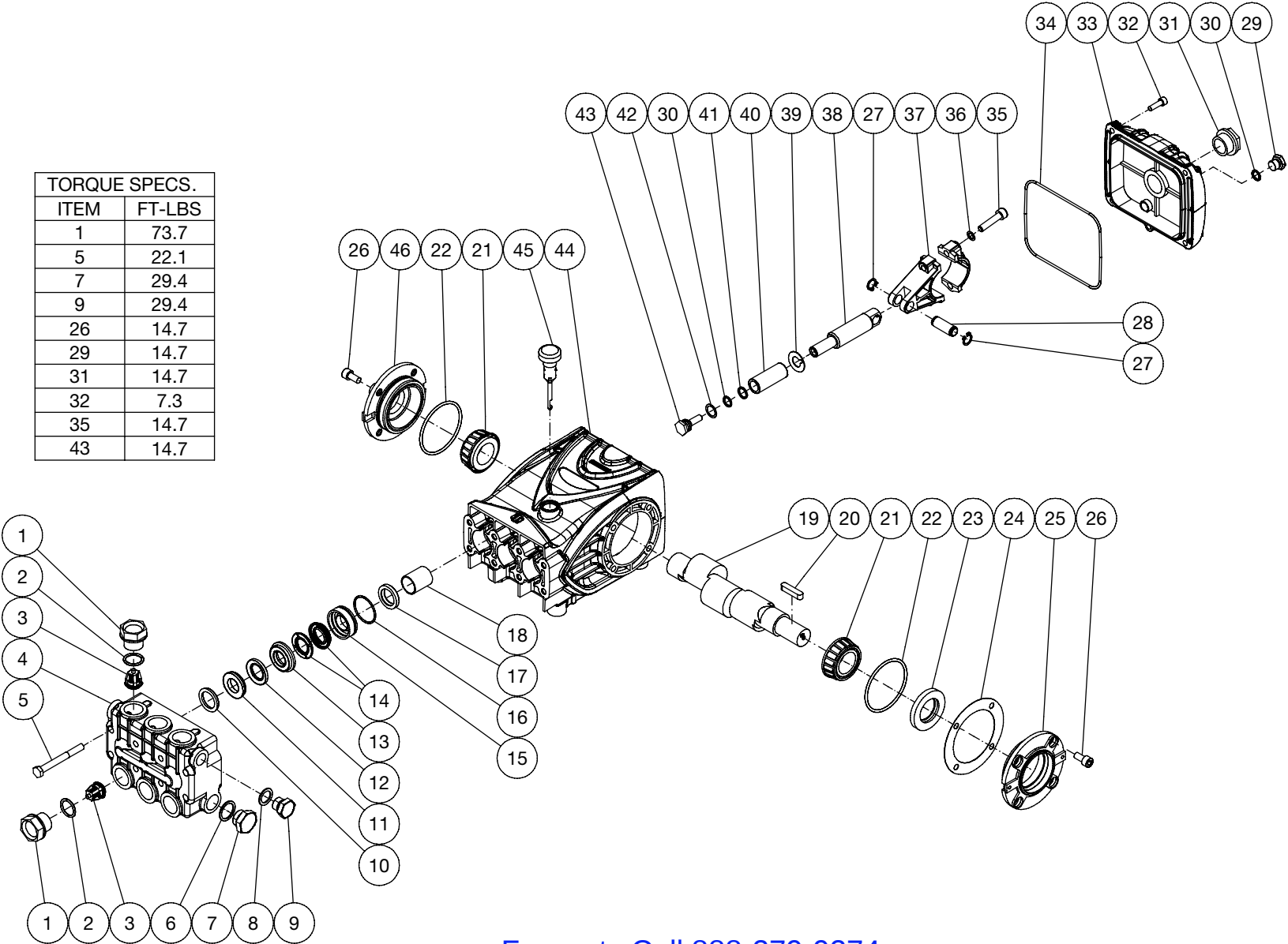
For parts Call 888-279-9274

UNLOADER ASSEMBLY

OMHSE017 - UNLOADER 090222 SMS			
UNLOADER ASSEMBLY			
ITEM	DESCRIPTION	PART #	QTY
1	HIGH PRESSURE HOSE	15-0192	1
2	MANIFOLD BLOCK	51-0022	1
3	PLUG	24-0034	1
4	ADAPTER	24-0024	1
5	UNLOADER	850-0252	1
-	UNLOADER ASSY (STEAM)	850-0449	1
6	PRESSURE SWITCH	22-0171	1
7	ELBOW	23-0034	1
8	HIGH PRESSURE HOSE	15-0194	1
9	HOSE *(ONE FOOT REQUIRED)	15-0007	1
10	HOSE CLAMP	42-0011	1
11	ELBOW	23-0119	1
12	TEE	23-0127	1
13	HEAT DUMP VALVE	22-0408	1
*MUST ORDER IN ONE FOOT LENGTHS			

PUMP ASSEMBLY (3-0202)

TORQUE SPECS.	
ITEM	FT-LBS
1	73.7
5	22.1
7	29.4
9	29.4
26	14.7
29	14.7
31	14.7
32	7.3
35	14.7
43	14.7



For parts Call 888-279-9274

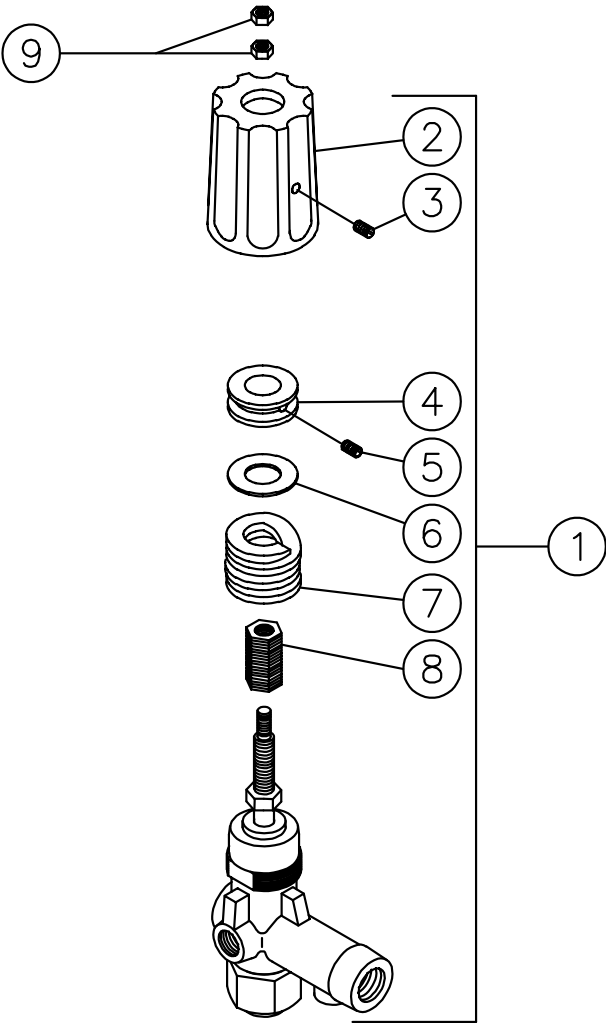
3-0203 070123

PUMP ASSEMBLY (3-0202)

3-0203 HOT WATER 070123							
PUMP ASSEMBLY							
ITEM	TITLE	PART #	QTY		ITEM	TITLE	PART # QTY
1	VALVE CAP	46-0889	6		25	CRANKCASE COVER	46-0296 1
2	O-RING	25-0012	6		26	BOLT	27-8431 8
3	VALVE ASSEMBLY (SEE KIT 70-0009)	22-0056	6		27	RETAINING RING	46-0103 6
4	MANIFOLD	N/A	1		28	CONNECTING ROD PIN	43-0032 3
5	BOLT	27-8185	8		29	PLUG	39-0017 1
6	WASHER	28-1038	2		30	O-RING	25-0014 4
7	PLUG	39-0019	2		31	OIL LEVEL INDICATOR	46-0114 1
8	WASHER	28-1002	2		32	BOLT (AFTER SN #15161383)	27-8812 5
9	PLUG	39-0018	2		-	BOLT (BEFORE SN #15161383)	27-8404 5
10	HEAD RING (SEE KIT 70-0030 & 852-0122)	70-0030	3		33	CRANKCASE COVER (AFTER SN #15161383)	46-1906 1
11	V-PACKING (SEE KIT 70-0147 & 852-0122)	26-0098	3		-	CRANKCASE COVER (BEFORE SN #15161383)	46-0295 1
12	O-RING (SEE KIT 70-0147, 70-0148 & 852-0122)	25-0207	3		34	O-RING	25-0339 1
13	INTERMEDIATE RETAINER (SEE KIT 70-0148)	46-0659	3		35	BOLT	27-8435 6
14	LOW PRESSURE SEAL (SEE KIT 70-0147 & 852-0122)	26-0197	3		36	LOCKWASHER	29-0154 6
15	LOW PRESSURE SEAL RETAINER	46-0057	3		37	CONNECTING ROD	46-0051 3
16	O-RING (SEE KIT 852-0122)	25-0015	3		38	PISTON ROD	46-0056 3
17	OIL SEAL	26-0047	3		39	SLINGER WASHER	46-0146 3
18	BUSHING	9-0029	3		40	PLUNGER	46-0052 3
19	CRANKSHAFT	46-0888	1		41	BACK-UP RING	25-0465 3
20	KEY	43-0048	1		42	WASHER	28-0400 3
21	BEARING	48-0012	2		43	NUT / PISTON	46-0069 3
22	O-RING	25-0013	2		44	CRANKCASE	46-1905 1
23	OIL SEAL	26-0049	1		45	OIL DIP STICK	46-0144 1
24	SHIM	46-0113	1		46	CRANKCASE COVER	46-0336 1

REPLACEMENT KITS				
KIT#	DESCRIPTION	ITEMS	# OF ASSEMBLIES	# OF CYLINDERS
70-0009	VALVES	3	6	3
70-0030	HEAD RING	10	3	3
70-0147	V-PACKING	11, 12, 14	3	3
70-0148	INTERMEDIATE RETAINER	12, 13	3	3
852-0122	V-PACKING ASSY	10-12, 14, 16	3	3

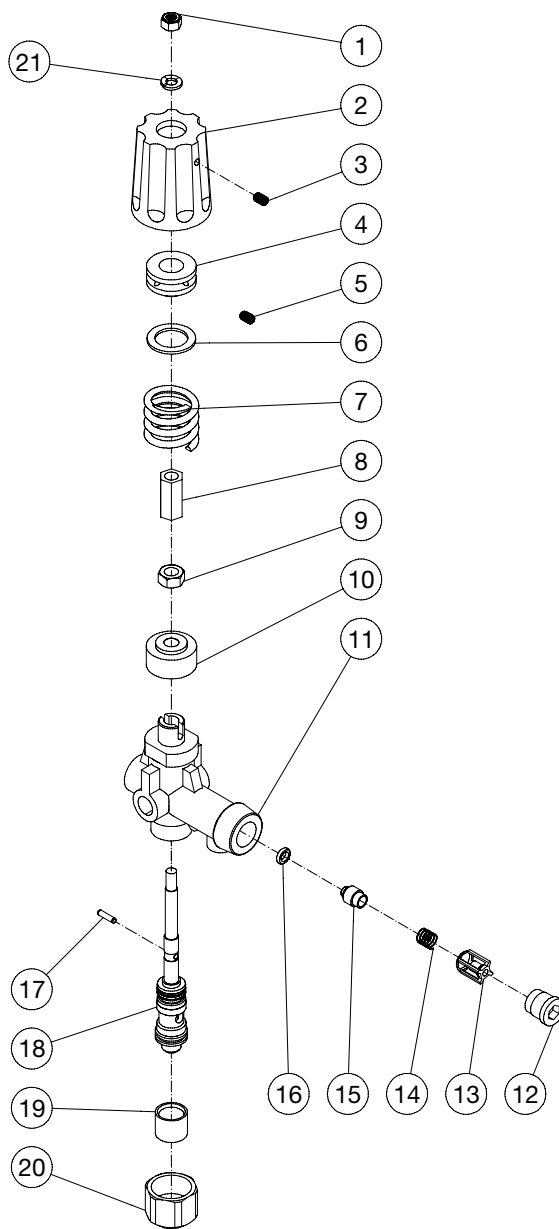
UNLOADER (850-0449)



UNLOADER (850-0449)

850-0449 111921 JRC			
UNLOADER ASSEMBLY			
REF. #	DESCRIPTION	PART #	QTY.
1	UNLOADER	8-0361	1
2	ADJUSTMENT KNOB	7-0098	1
3	SET SCREW	27-4280	1
4	ADJUSTMENT NUT	8-0364	1
5	SET SCREW	8-0365	1
6	GLIDE RING	8-0366	1
7	SPRING	49-0104	1
8	ADJUSTING INSERT- BRASS	8-0363	1
9	HEX NUT	30-3024	1

UNLOADER (850-0252)



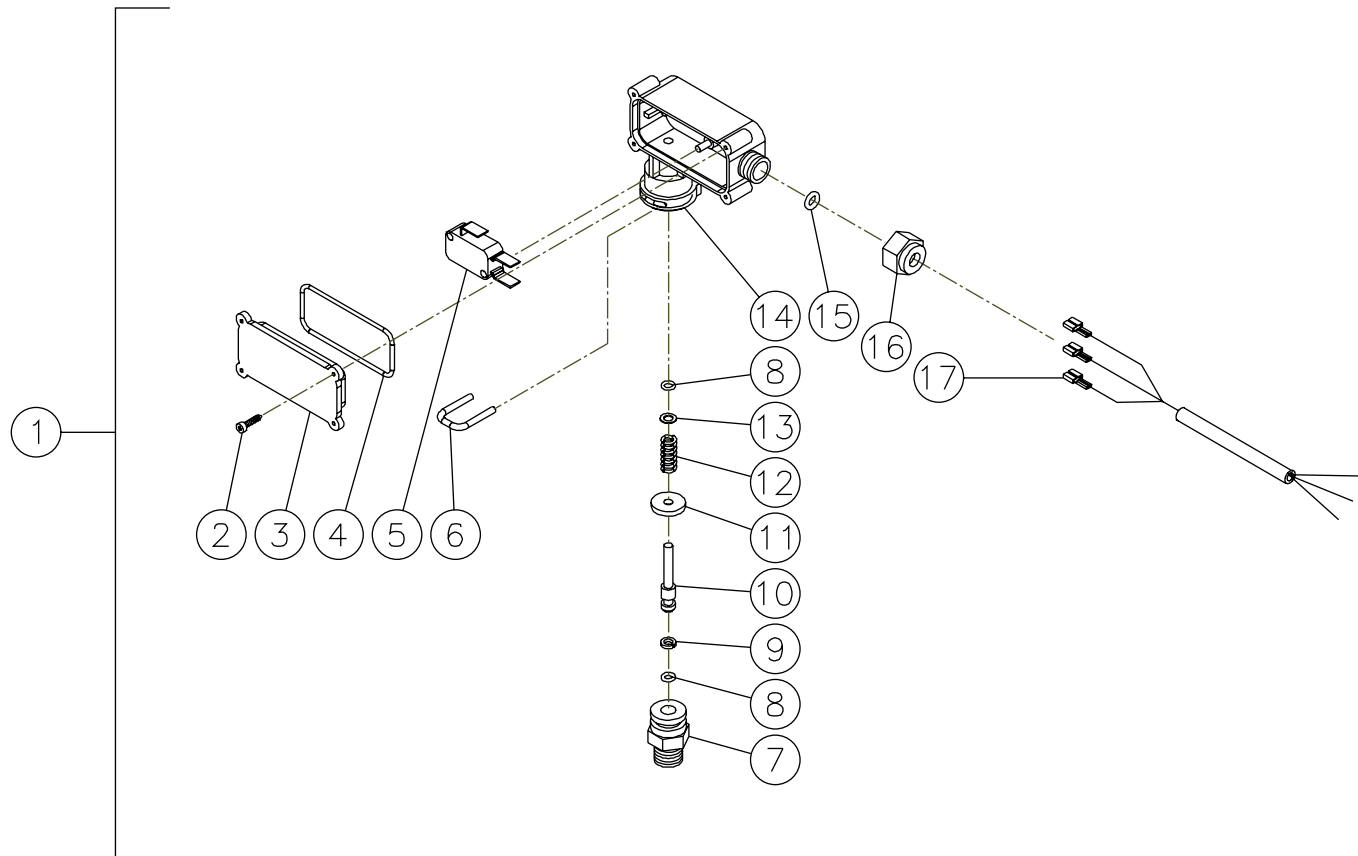
850-0252 070723

UNLOADER (850-0252)

850-0252 070723			
UNLOADER			
ITEM	TITLE	PART #	QTY
1	NUT	8-0362	1
2	UNLOADER	7-0098	1
3	SCREW	27-4280	1
4	NUT	8-0364	1
5	SCREW	8-0365	1
6	RING	8-0366	1
7	SPRING	49-0104	1
8	INSERT	8-0363	1
9	NUT	8-0367	1
10	BUSHING	8-0368	1
11	UNLOADER	8-0369	1
12	RETAINER	8-0269	1
13	HOUSING (SEE KIT 70-0244)	8-0104	1
14	SPRING (SEE KIT 70-0244)	49-0023	1
15	VALVE (SEE KIT 70-0244)	8-0105	1
16	O-RING (SEE KIT 70-0244)	25-0036	1
17	PIN	8-0372	1
18	PISTON ASSEMBLY	70-0243	1
19	SPACER	8-0371	1
20	NUT	8-0157	1
21	LOCKWASHER	29-0006	1

KIT #	DESCRIPTION	ITEMS	# OF ASSEMBLIES
70-0243	PISTON ASSY REPAIR KIT	18	1
70-0244	CHECK VALVE KIT	13,14,15,16	1

PRESSURE SWITCH (22-0171)

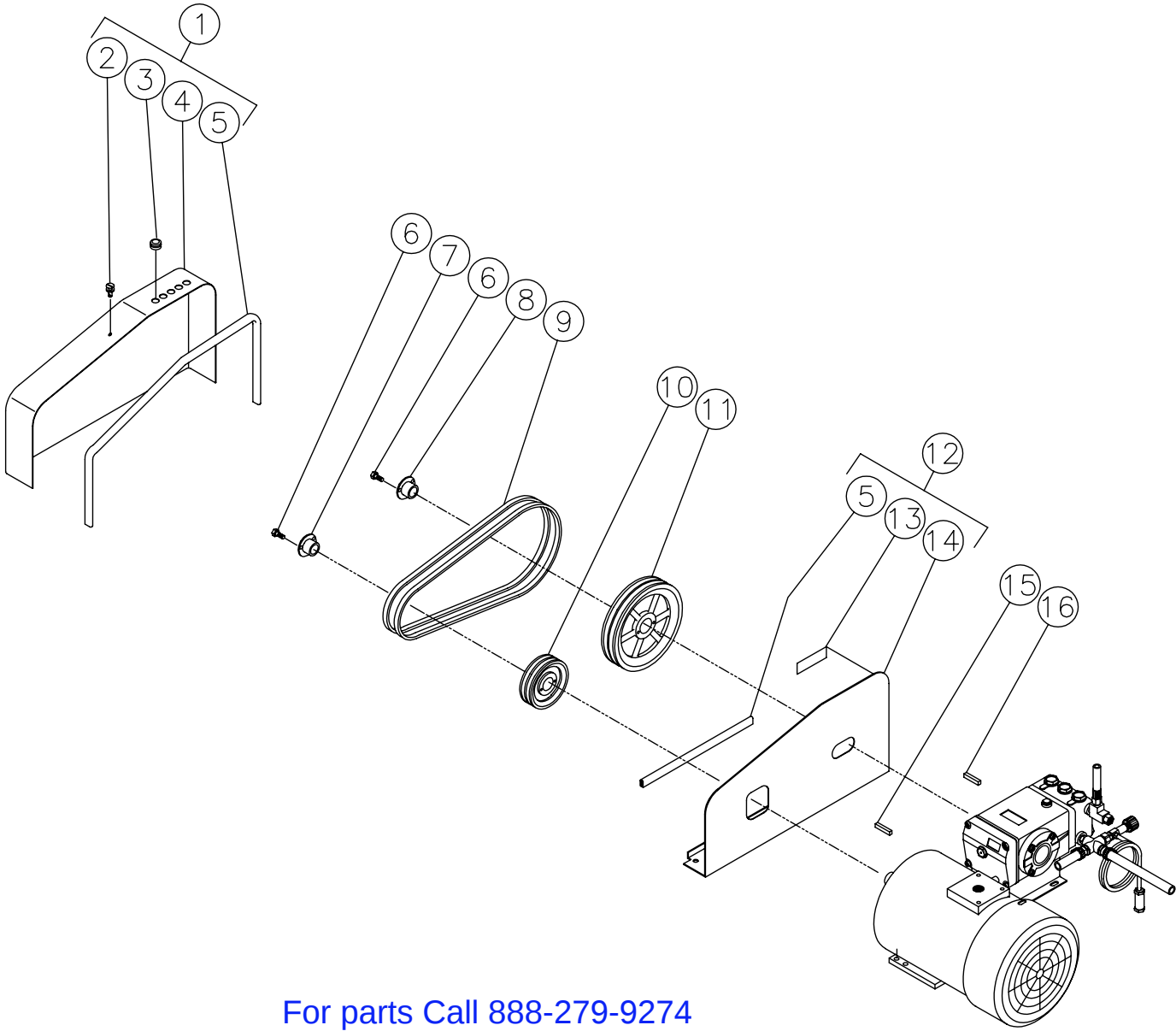


PRESSURE SWITCH (22-0171)

22-0171-120799-BAR

PRESSURE SWITCH (22-0171)			
REF. #	DESCRIPTION	PART #	QTY.
1	Pressure Switch	22-0171	1
2	Screw	N/A	4
3	Cover	N/A	1
4	O-ring (See 70-0306)	N/A Sep.	1
5	Micro Switch	N/A	1
6	Retainer Clip	N/A	1
7	Body	N/A	1
8	O-ring (See 70-0306)	N/A Sep.	2
9	Back-up Ring (See 70-0306)	N/A Sep.	1
10	Piston	N/A	1
11	Washer	N/A	1
12	Spring	49-0144	1
13	Washer	N/A	1
14	Plastic Housing	N/A	1
15	O-ring (See 70-0306)	N/A Sep.	1
16	Nut	N/A	1
17	Wire Assembly	N/A	1
	O-ring Repair Kit (Inc. 4, 8-9, 15)	70-0306	

BELTGUARD/SHEAVE ASSEMBLY (GH-2504_3004-0M10_0M30)



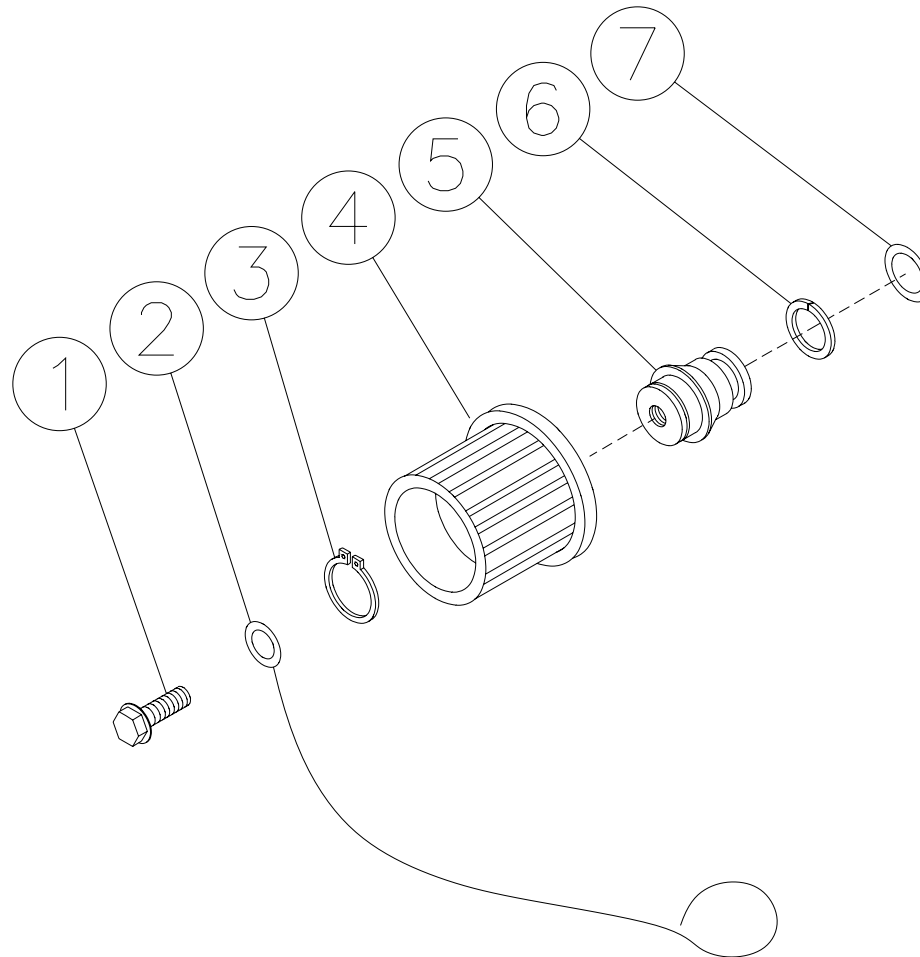
GH-2504/3004-0M10/30 BELTGUARD
SHEAVE ASSY-071411-CH

For parts Call 888-279-9274

BELTGUARD/SHEAVE ASSEMBLY (GH-2504_3004-0M10_0M30)

GH-2504/3004-0M10/30 BELTGUARD SHEAVE ASSY-071411-CH			
BELTGUARD/SHEAVE ASSEMBLY			
REF. #	DESCRIPTION	PART #	QTY.
1	Beltguard Cover Assembly (Includes 2-5)	850-0242	1
2	Fastener	33-0197	1
3	Rubber Grommet	33-0001	5
4	Beltguard Cover- Black	6-0064A01	1
5	Trimlock *(Six Feet Required)	33-0020	1
6	Bolt	27-0015	4
7	Motor Bushing (GH-2504)	9-0010	1
-	Motor Bushing (GH-3004)	9-0008	1
8	Pump Bushing	9-0017	1
9	Belt (GH-2504)	11-0001	2
-	Belt (GH-3004)	11-0017	2
10	Motor Sheave (GH-2504)	10-0065	1
-	Motor Sheave (GH-3004)	10-0036	1
11	Pump Sheave	10-0038	1
12	Backplate Assembly (Includes 5, 13-14)	850-0241	1
13	Decal-Warning: Beltguard in Place (See 34-9012)	N/A Sep.	1
14	Backplate (See 850-0241)	N/A Sep.	1
15	Key- Motor w/ Motor (GH-2504)	43-0078	1
-	Key- Motor w/Bushing (GH-3004)	N/A	1
16	Pump Key	43-0048	1
*Must Order in One Foot Lengths			

COIL DRAIN PLUG (850-0218)

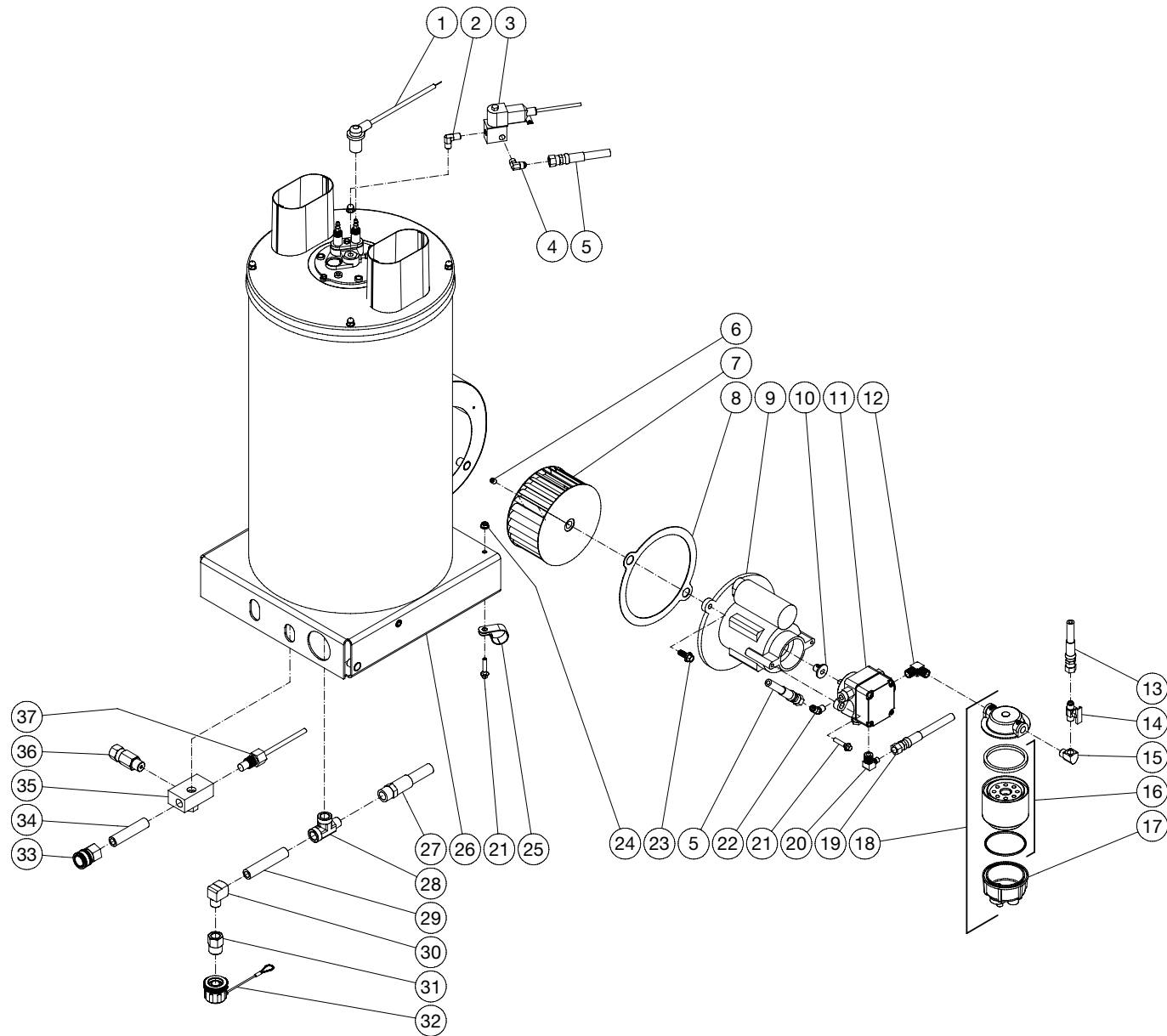


COIL DRAIN PLUG (850-0218)

850-0218-041597-BAR

COIL DRAIN PLUG (850-0218)			
REF. #	DESCRIPTION	PART #	QTY.
1	Bolt	27-9526	1
2	Retaining Cable	33-0260	1
3	Snap Ring	33-0261	1
4	Hand Wheel	16-0239	1
5	Plug	24-0147	1
6	Back-up Ring	25-0424	1
7	O-ring	25-0423	1

HEAT EXCHANGER/BLOWER MOTOR

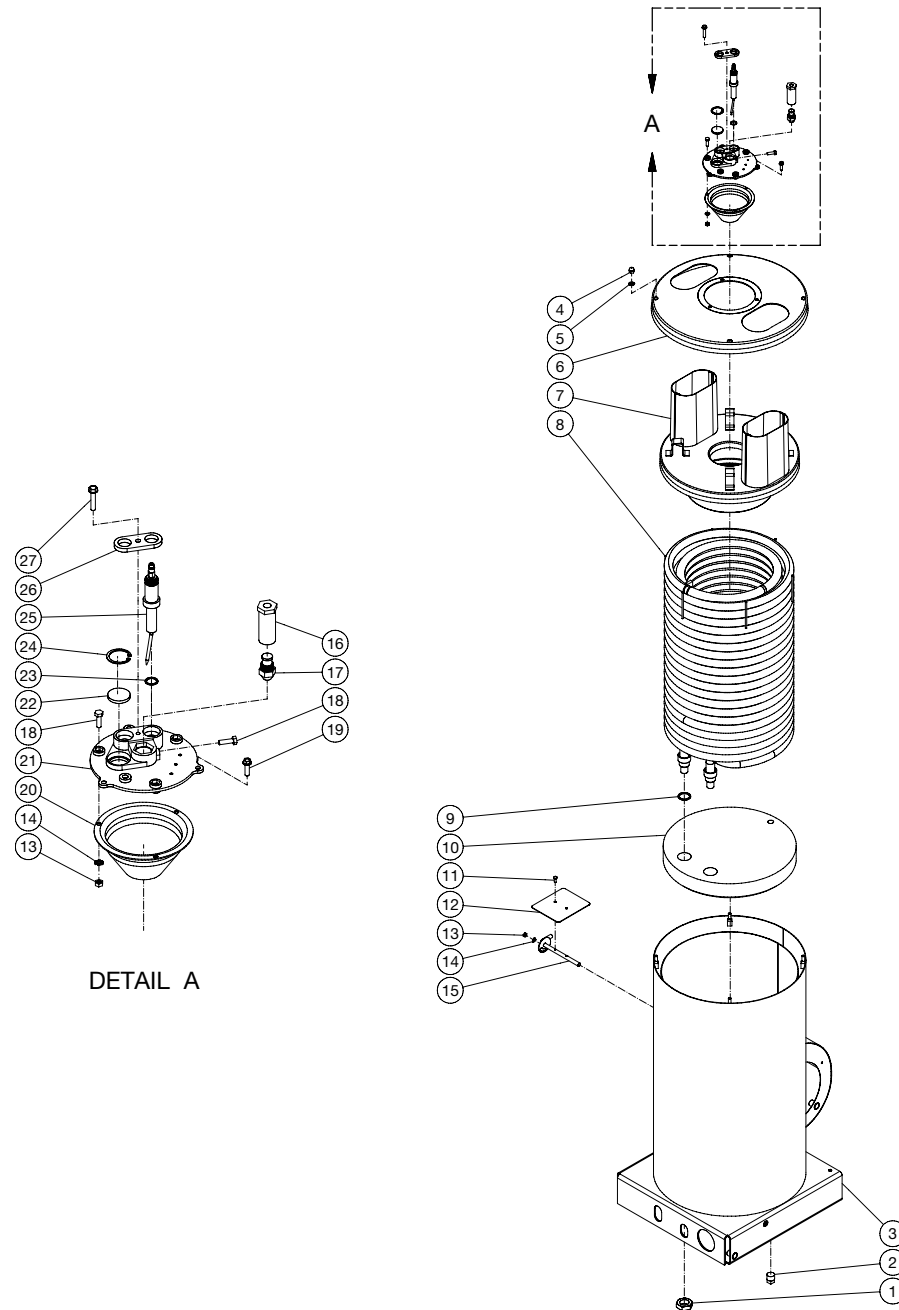


For parts Call 888-279-9274

HEAT EXCHANGER/BLOWER MOTOR

OMHSE018 072324			
HEAT EXCHANGER/BLOWER MOTOR			
ITEM	TITLE	PART #	QTY
1	ELECTRODE WIRE	32-0988	2
2	ELBOW	23-0249	1
3	FUEL SOLENOID	44-0101	1
4	ELBOW	23-0287	1
5	HP FUEL HOSE	15-0165	1
6	SET SCREW (W/ BLOWER FAN)	30-3031	1
7	FAN/ BLOWER	44-0103	1
8	SHIM	20-0460A18	1
9	BLOWER MOTOR - 240V	2-0086	1
10	COUPLER (W/ BLOWER MOTOR)	33-0265	1
11	FUEL PUMP	3-0020	1
12	ELBOW	23-0130	1
13	FUEL HOSE	15-0147	1
14	FUEL VALVE	22-0265	1
15	ELBOW	23-0014	1
16	STRAINER	19-0053	1
17	BOWL - FUEL FILTER / WATER SEPARATOR	19-0071	1
18	FUEL FILTER / WATER SEPERATOR	19-0070	1
19	HP FUEL HOSE	15-0190	1
20	ELBOW	23-0237	1
21	BOLT	27-8898	3
22	ELBOW	23-0288	1
23	BOLT	27-9524	2
24	NUT	30-3022	1
25	CLIP	33-0291	1
26	HEAT EXCHANGER ASSEMBLY	850-0240	1
27	HIGH PRESSURE HOSE	15-0192	1
28	STREET TEE	23-0058	1
29	PIPE NIPPLE	24-0165	1
30	ELBOW	23-0034	1
31	ADAPTER	23-0279	1
32	DRAIN PLUG ASSEMBLY	850-0218	1
33	QUICK CONNECT SOCKET	17-0004	1
34	PIPE NIPPLE	24-0141	1
35	OUTLET CONNECTOR	24-0138	1
36	PRESSURE RELIEF VALVE (4004)	22-0541	1
-	SAFETY RELEIF VALVE (2504 / 3004 / 3504)	22-0273	1
37	HI LIMIT SWITCH	32-0798	1

BOILER ASSEMBLY (850-0240)

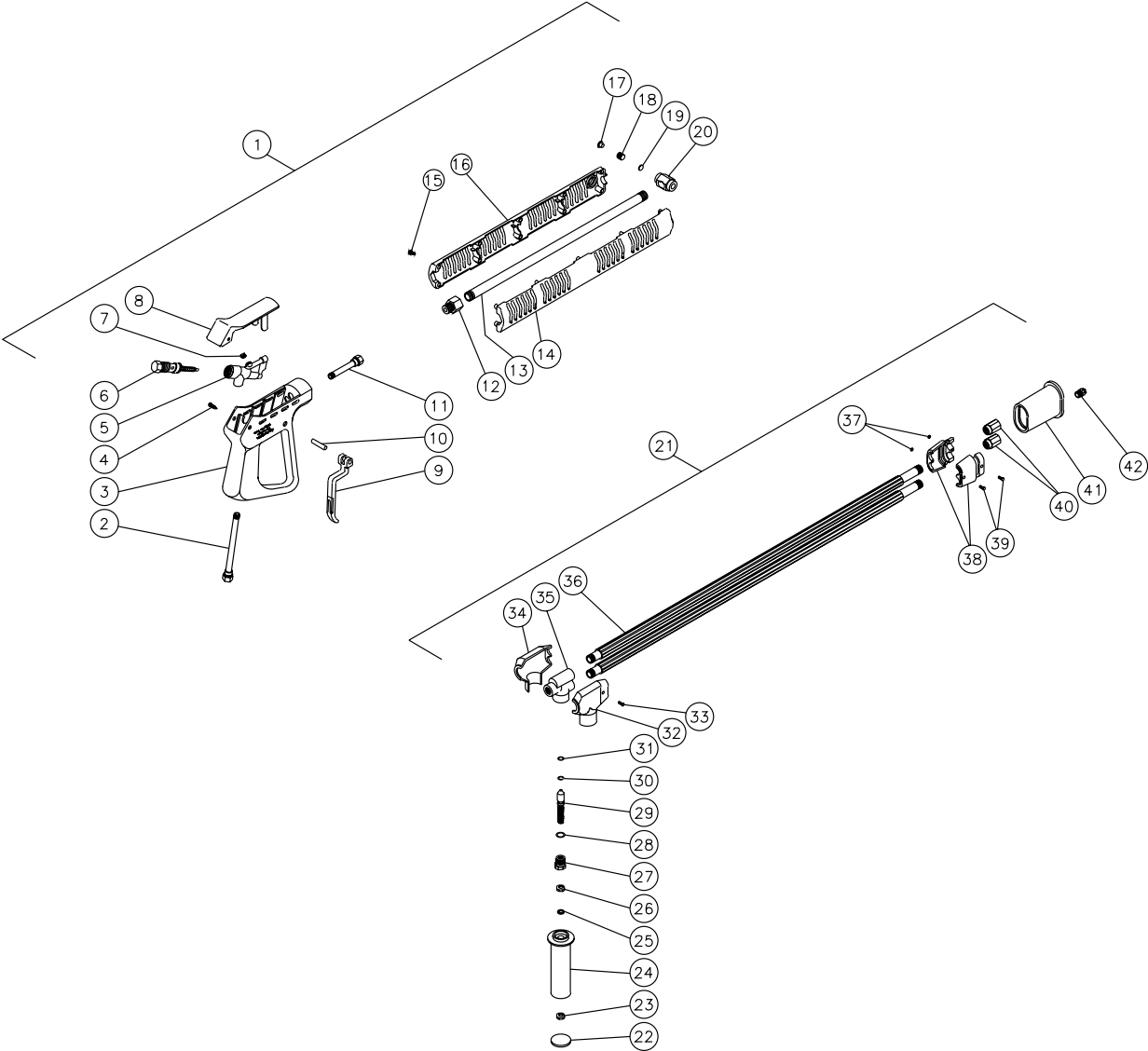


BOILER ASSEMBLY (850-0240)

BOILER ASSEMBLY			
ITEM	DESCRIPTION	PART #	QTY
1	NUT	30-0121	2
2	PLUG	24-0034	1
3	OUTER WRAP	20-0431A18	1
4	ACORN NUT	30-6002	4
5	LOCKWASHER	28-1028	4
6	TOP PAN	20-0371A18	1
7	INNER PAN ASSEMBLY	20-0372	1
8	HEAT EXCHANGER COIL	66-0011	1
9	WASHER	28-0521	2
10	INSULATION	33-0250	1
11	BOLT	27-8879	2
12	AIR DIVERTER	20-0378A18	1
13	NUT	30-6001	4
14	STAR WASHER	28-1009	4
15	AIR DIVERTER STEM	20-0377A18	1
16	FUEL NOZZLE HOLDER	23-0292	1
17	FUEL NOZZLE	18-0383	1
-	NOZZLE OIL (3003)	18-0305	1
18	BOLT	27-8878	4
19	BOLT	27-9526	3
20	CONE	20-0373	1
21	ELECTRODE PLATE	38-0065	1
22	SIGHT GLASS	33-0252	1
23	WASHER	28-0523	2
24	SNAP RING	33-0254	1
25	ELECTRODE	32-0987	2
26	ELECTRODE BRACKET	20-1094A18	1
27	BOLT	27-8807	1

850-0240 112923

GUN/WAND (850-0181) & ADJUSTABLE PRESSURE DUAL LANCE (850-0185)



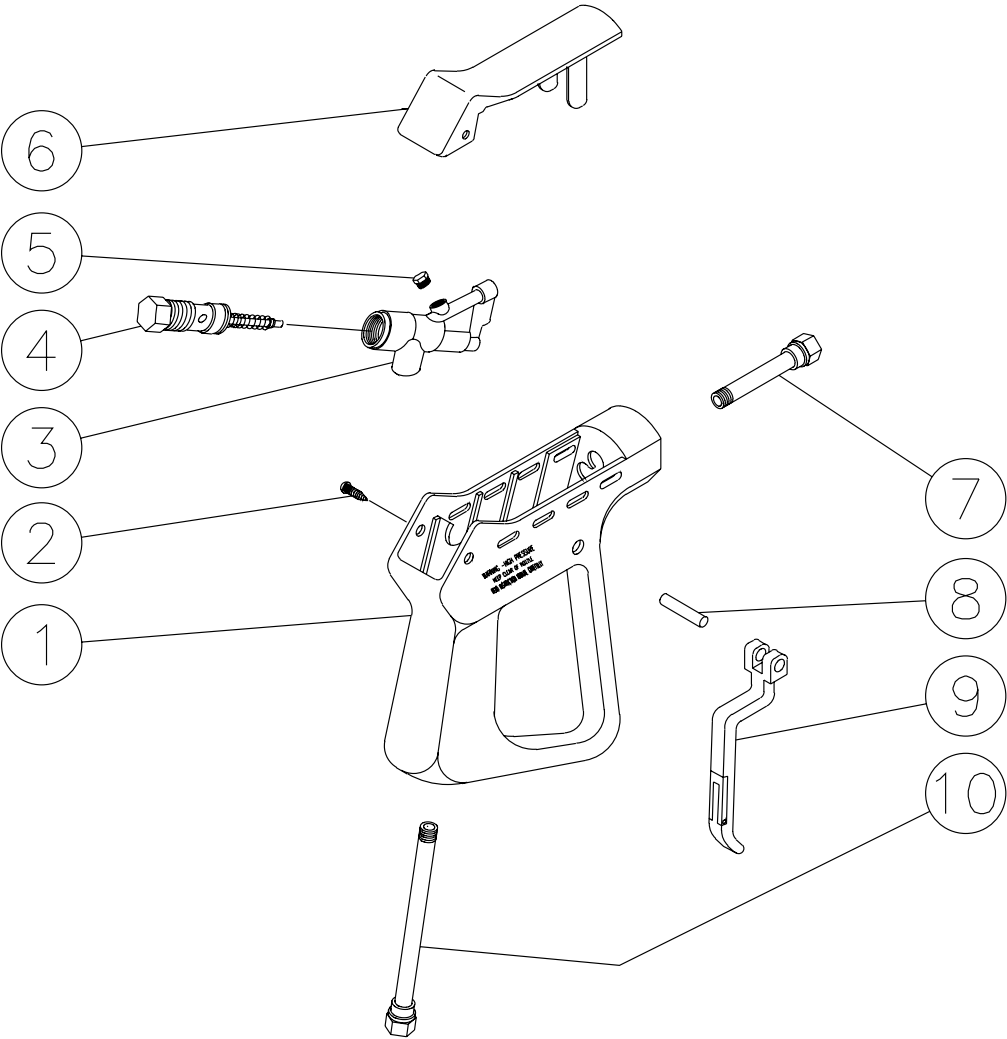
OMHSP051-051597-JTR

GUN/WAND (850-0181) & ADJUSTABLE PRESSURE DUAL LANCE (850-0185)

OMHSP051-051597-JTR

GUN/WAND (850-0181) & ADJUSTABLE PRESSURE DUAL LANCE (850-0185)								
REF. #	DESCRIPTION	PART #	QTY.		REF. #	DESCRIPTION	PART #	QTY.
1	Gun/Lance Assembly (Includes 2-20)	850-0181	1		24	Handle	16-0313	1
2	Pipe Assembly	16-0016	1		25	Washer	28-1021	1
3	Plastic Housing	16-0008	1		26	Nut	30-3010	1
4	Screw	27-3230	2		27	Adaptor	23-0271	1
5	Housing	16-0012	1		28	O-ring	25-0351	1
6	Gun Repair Kit	70-0055	1		29	Piston	16-0314	1
7	Plug	39-0024	1		30	Back-up Ring	25-0352	1
8	Cover	16-0009	1		31	O-ring	25-0353	1
9	Trigger Safety Lock-off	16-0010	1		32	Upper Protector	16-0315	1
10	Trigger Pin	16-0063	1		33	Screw	27-8862	1
11	Pipe Assembly	16-0013	1		34	Lower Protector	16-0316	1
12	Adaptor	16-0283	1		35	Body	23-0272	1
13	Pipe	16-0277	1		36	Lance w/Protective Cover	16-0328	2
14	Guard Lance (Right Side)	16-0320	1		37	Nut	30-3060	2
15	Screw	27-8382	6		38	Pipe Clamp	16-0318	2
16	Guard Lance (Left Side)	16-0321	1		39	Screw	27-8861	2
17	Plug	39-0076	1		40	Nipple	24-0127	2
18	Screw	49-0103	1		41	Nozzle Protector	16-0319	1
19	Spacer	16-0282	1		42	Nozzle-6540	18-0110	1
20	Lance Holder (See 16-0306)	N/A Sep.	1			Gun Assembly (		

GUN ASSEMBLY (16-0001)



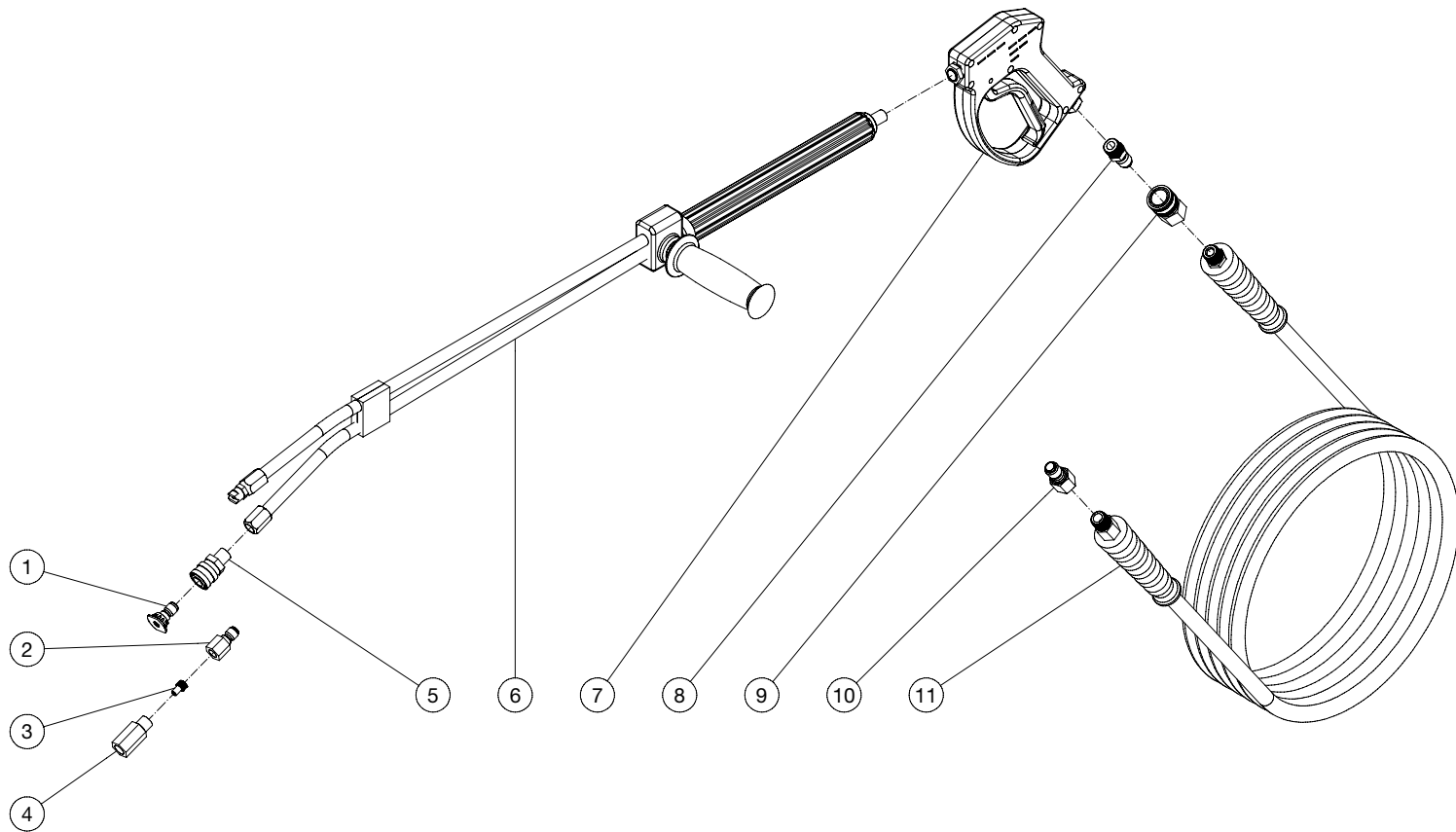
16-0001-110399-RD

GUN ASSEMBLY (16-0001)

16-0001-110399-RD

GUN ASSEMBLY (16-0001)			
REF. #	DESCRIPTION	PART #	QTY.
1	Plastic Housing	16-0008	1
2	Screw	27-3230	2
3	Brass Housing	16-0012	1
4	Gun Repair Kit	70-0055	1
5	Brass Plug	39-0024	1
6	Plastic Cover	16-0009	1
7	Pipe Assembly	16-0013	1
8	Trigger Pin	16-0063	1
9	Trigger/Safety Lock-off	16-0010	1
10	Pipe Assembly- Inlet	16-0016	1
	Complete Gun Assembly	16-0001	1

GUN/WAND/HOSE ASSEMBLY

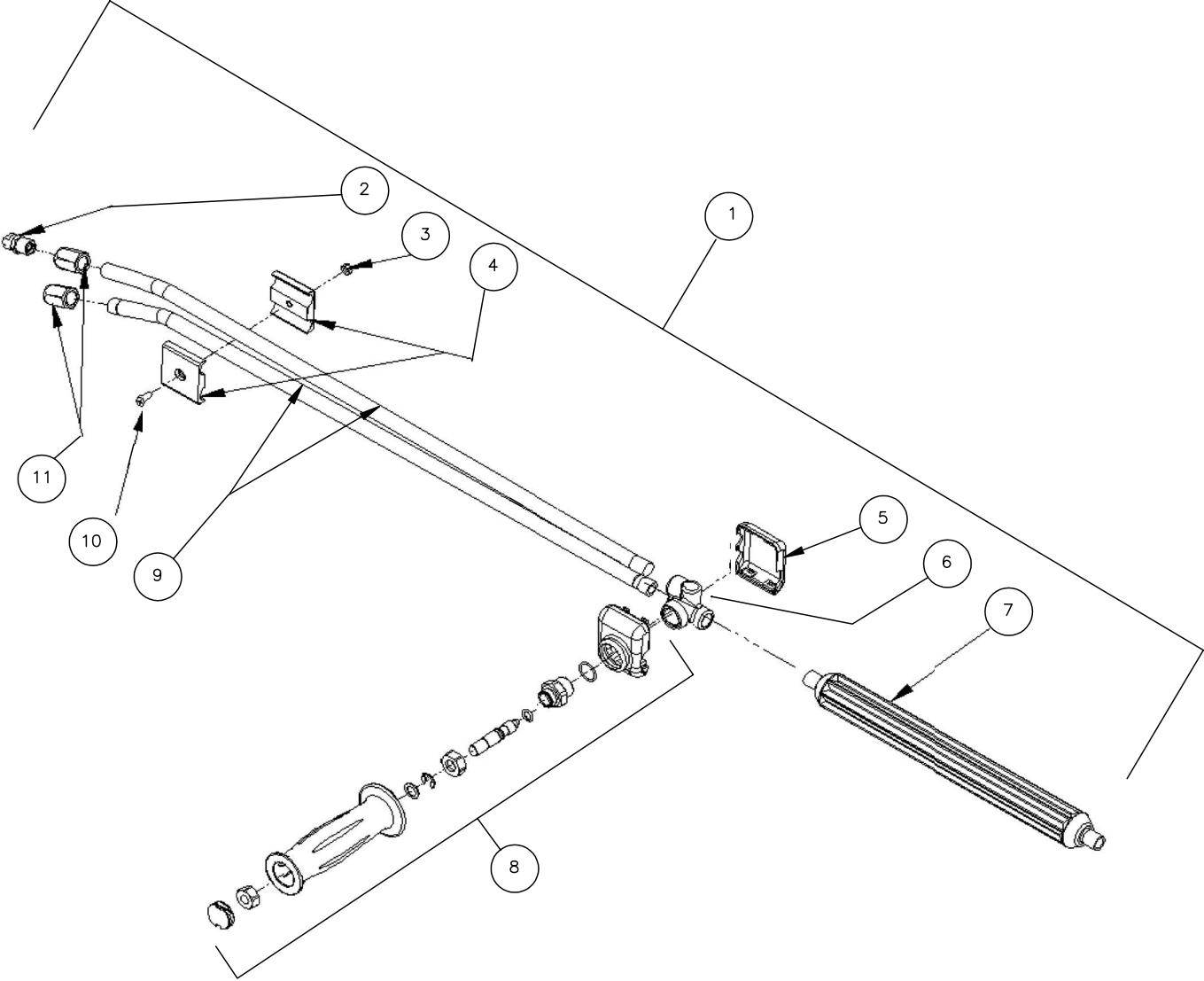


For parts Call 888-279-9274

GUN/WAND/HOSE ASSEMBLY

HSE LG - GUN_WAND_HOSE ASSY 112823			
GUN/WAND/HOSE ASSEMBLY			
ITEM	DESCRIPTION	PART #	QTY
1	NOZZLE 00035 QC (4004)	18-0392	1
-	NOZZLE 15035 QC (4004)	18-0393	1
-	NOZZLE 25035 QC (4004)	18-0395	1
-	NOZZLE 40035 QC (4004)	18-0396	1
-	NOZZLE 00040 QC (3004)	18-0397	1
-	NOZZLE 15040 QC (3004)	18-0399	1
-	NOZZLE 25040 QC (3004)	18-0400	1
-	NOZZLE 40040 QC (3004)	18-0401	1
2	QUICK CONNECT (STEAM)	17-0017	1
3	STEAM NOZZLE	18-0327	1
4	STEAM NOZZLE HOLDER	23-0350	1
5	QUICK CONNECT	17-0028	1
6	DUAL LANCE - 36" (3004)	16-0416	1
-	DUAL LANCE - 48" (4004)	16-0417	1
7	TRIGGER GUN 5000 PSI	16-0446	1
8	QUICK CONNECT	17-0005	1
9	QUICK CONNECT	17-0004	1
-	QUICK CONNECT (STEAM)	17-0004	2
10	QUICK CONNECT	17-0006	1
-	QUICK CONNECT (STEAM)	17-0006	2
11	HOSE 4500 PSI (3004, 4004)	15-0166	1
-	HOSE 3000 PSI (STEAM)	15-0077	1

DUAL LANCE ASSEMBLY (16-0416)

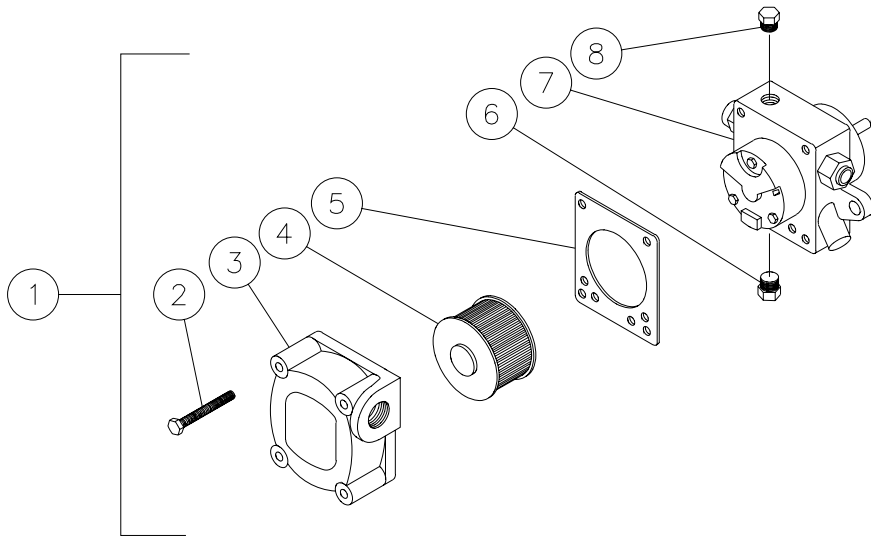


16-0416_16-0417-102405-RZ

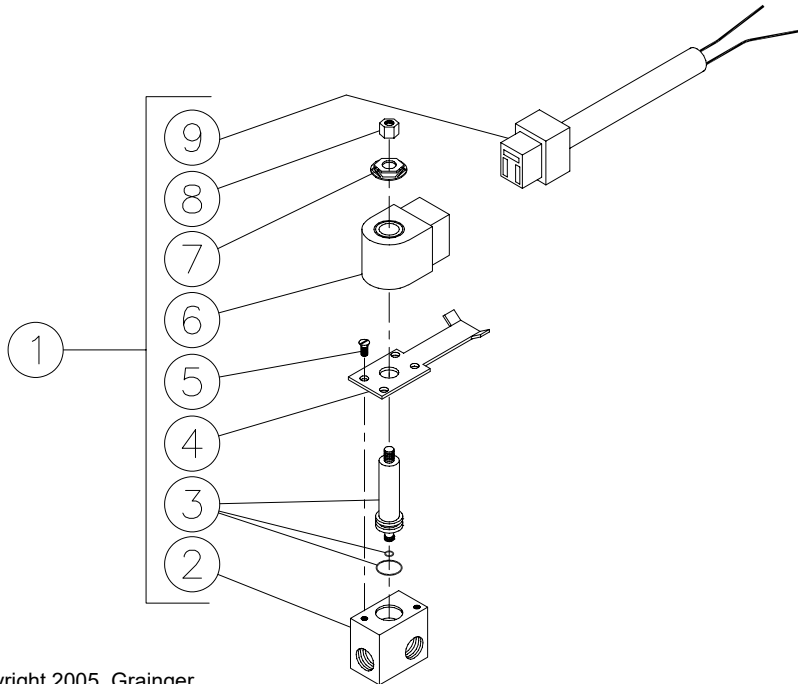
DUAL LANCE ASSEMBLY (16-0416)

16-0416-102405-RZ

DUAL LANCE ASSEMBLY (16-0416)			
REF. #	DESCRIPTION	PART #	QTY.
1	Dual Lance Assembly - 36" (Inc. 2-11)	16-0416	1
2	Detergent Nozzle	18-0110	1
3	Nut	30-6001	1
4	Clamp	16-0420	2
5	Lower Valve Cover (See 16-0416)	N/A Sep.	1
6	Housing (See 16-0416)	N/A Sep.	1
7	Lance	16-0419	1
8	Handle Repair Kit	70-0419	1
9	Lance (See 16-0416)	N/A Sep.	2
10	Screw	27-8196	1
11	Nozzle Adapter	24-0280	2

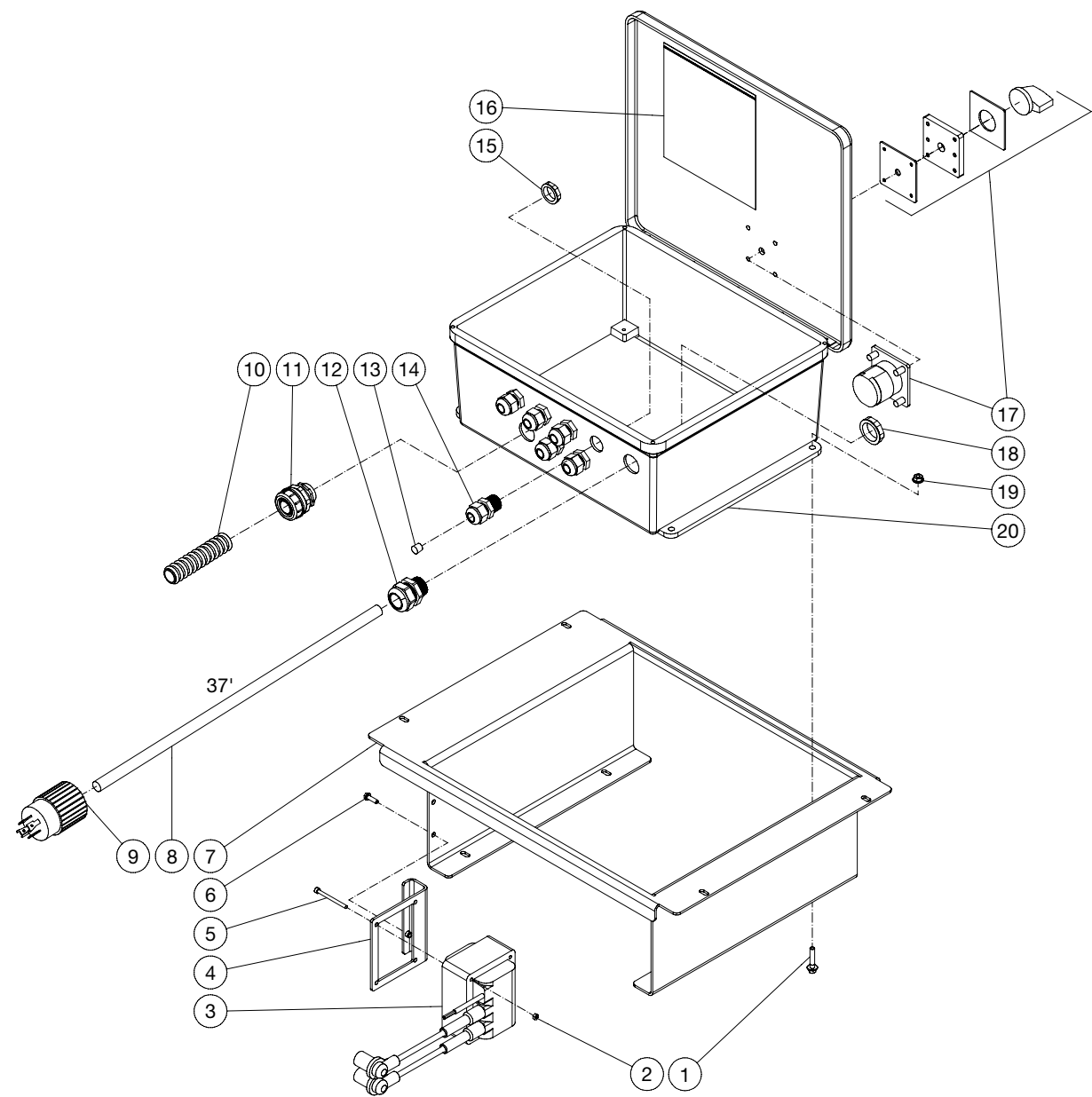
FUEL PUMP (3-0020)

3-0129 021720 RIGHT HANDED JRC			
FUEL PUMP			
REF #	DESCRIPTION	PART #	QTY.
1	FUEL PUMP COMPLETE-RIGHT HAND	3-0020	1
2	COVER SCREW	46-1006	4
3	COVER-RIGHT HAND	N/A	1
4	STRAINER	19-0034	1
5	COVER GASKET	26-0109	1
6	PLUG	N/A	3
7	BODY	N/A	1
8	PLUG	24-0082	1

FUEL SOLENOID (44-0101)

44-0098 021720 JRC			
FUEL SOLENOID			
REF. #	DESCRIPTION	PART #	QTY.
1	SOLENOID COMPLETE+120V	44-0101	1
2	SOLENOID BODY	N/A	1
3	SOLENOID PISTON	46-1012	1
4	SOLENOID BASE	N/A	1
5	SCREW (SEE 44-0101)	N/A SEP.	2
6	SOLENOID COIL-120V	46-1020	1
7	SPRING (SEE 44-0101)	N/A SEP.	1
8	PISTON NUT	46-1016	1
9	DIN CONNECTOR CORD	32-0443	1

CONTROL PANEL (BEFORE SERIAL #15168467)

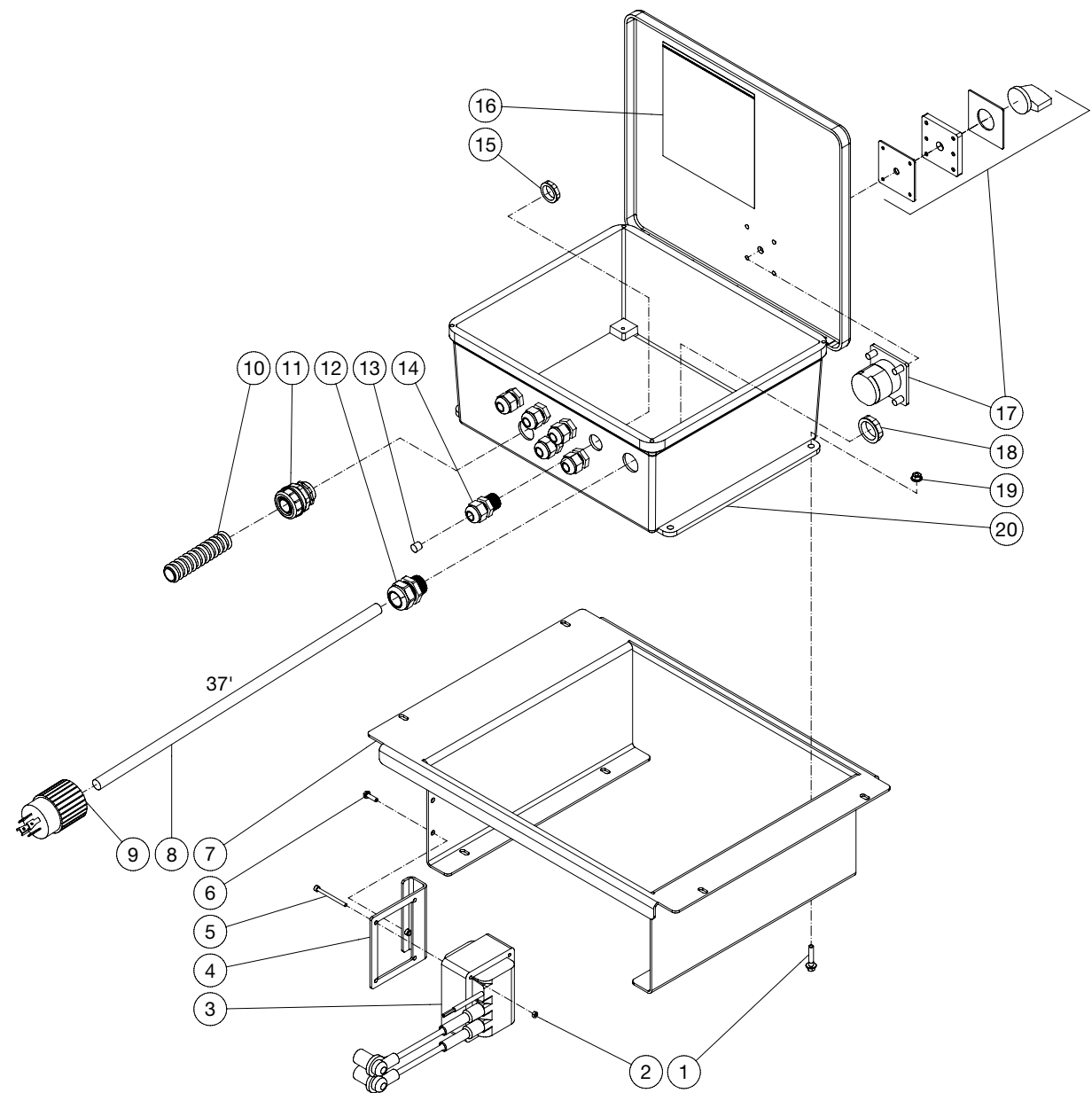


GH-2504_3004_4004-0M10_30 & SM10_SM30 CONTROL PANEL 032024

CONTROL PANEL (BEFORE SERIAL #15168467)

GH-2504_3004_4004-0M10_30 & SM10_SM30 CONTROL PANEL 032024			
CONTROL PANEL			
ITEM	DESCRIPTION	PART #	QTY
1	BOLT	27-8898	4
2	NUT	30-0137	4
3	IGNITOR W/WIRES	850-0223	1
4	IGNITOR BRACKET	20-0418A18	1
5	SCREW	27-8899	4
6	BOLT	27-9526	2
7	CONTROL PANEL	20-0432A18	1
8	CORD *(THIRTY SEVEN FEET REQUIRED) (2504-0M30)	32-0025	1
-	CORD *(THIRTY SEVEN FEET REQUIRED) (3004-0M30; 3004-SM30; 4004-SM30)	32-0023	1
-	CORD W/GFCI *(FORTY FEET REQUIRED) (2504-0M10)	32-0334	1
-	GFCI CORDSET (3004-0M10; 3004-SM10)	32-1223	1
-	CORD *(THIRTY SEVEN FEET REQUIRED) (4004-SM10)	32-0504	1
9	PLUG (2504-0M30)	32-0118	1
-	PLUG (3004-0M30; 3004-SM30; 4004-SM30)	32-0037	1
-	PLUG (4004-SM10)	32-0012	1
10	CONDUIT *(ONE FOOT REQUIRED) (2504)	32-0486	1
-	CONDUIT *(ONE FOOT REQUIRED) (3004; 4004)	32-0486	1
11	CONDUIT STRAIGHT	32-0488	1
12	CORD RELIEF	9-0046	1
-	BUSHING (3004-0M10; 3004-SM10; 4004-SM10)	9-0048	1
13	PLUG	32-0514	1
14	STRAIN RELIEF	32-0437	6
15	ELECTRICAL LOCKNUT	32-0108	6
16	PLASTIC ZIPLOCK BAG	41-0184	1
17	CAM SWITCH	32-1061	1
18	ELECTRICAL LOCKNUT	32-0292	1
-	ELECTRICAL LOCKNUT (3004-0M10; 3004-SM10; 4004-SM10)	32-0515	1
19	NUT	30-3022	4
20	ELECTRIC BOX	32-0462	1
*MUST ORDER IN ONE FOOT LENGTHS			

CONTROL PANEL (AFTER SERIAL #15168467)

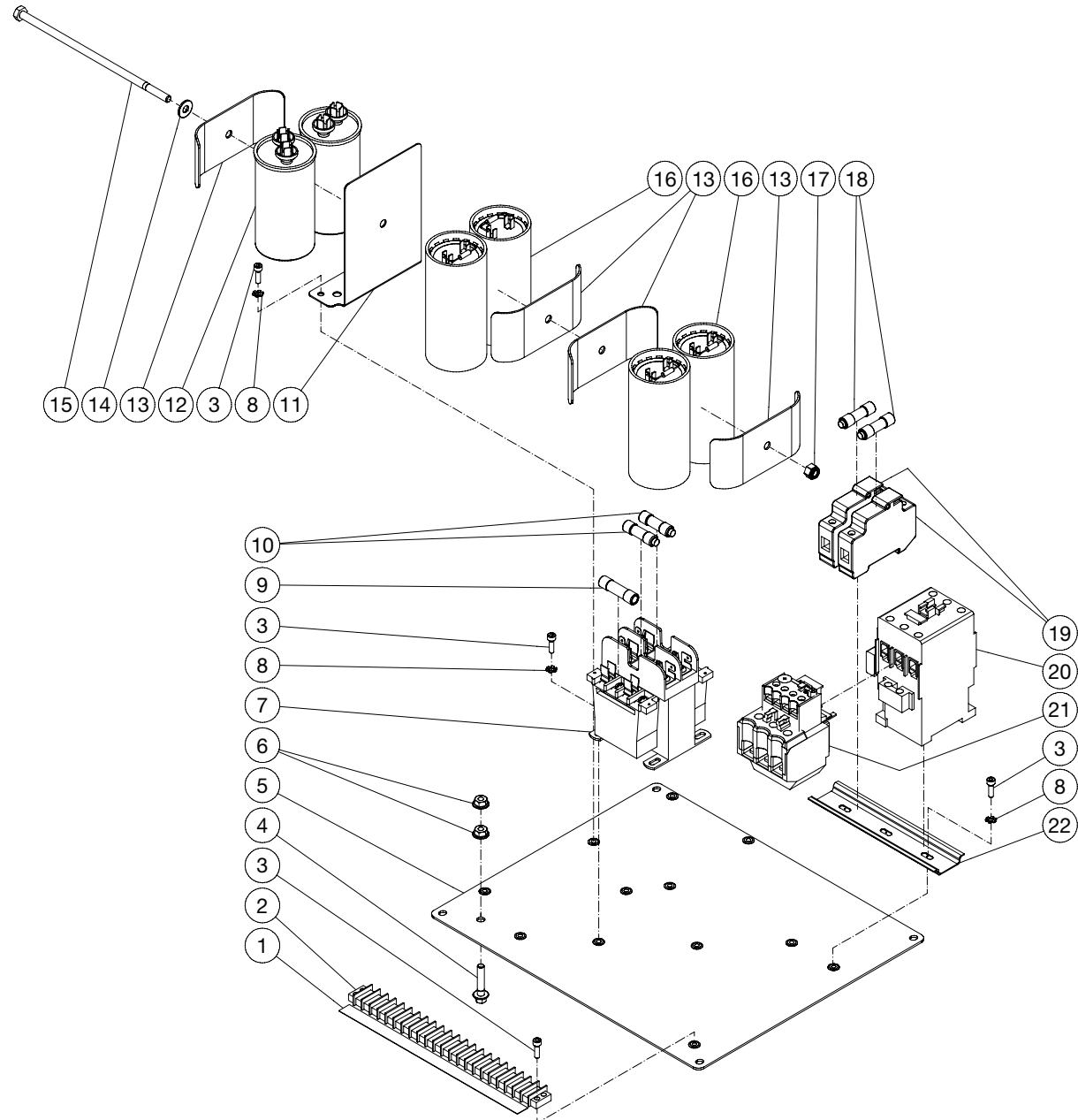


GH-3004-0M10_30 & 3004_4004-SM10_SM30 CONTROL PANEL 051424

CONTROL PANEL (AFTER SERIAL #15168467)

GH-3004-0M10_30 & 3004_4004-SM10_SM30 CONTROL PANEL 051424			
CONTROL PANEL			
ITEM	TITLE	PART #	QTY
1	BOLT	27-8898	4
2	NUT	30-0137	4
3	IGNITOR W/WIRES	850-0223	1
4	IGNITOR BRACKET	20-0418A18	1
5	SCREW	27-8899	4
6	BOLT	27-9526	2
7	CONTROL PANEL	20-0432A18	1
8	GFCI CORDSET *(THIRTY SEVEN FEET REQUIRED) (3004-0M10/ 3004-SM10)	32-0021	1
-	CORD *(THIRTY SEVEN FEET REQUIRED) (3004-0M30/ 3004-SM30/ 4004-SM30)	32-0023	1
-	CORD *(THIRTY SEVEN FEET REQUIRED) (4004-SM10)	32-0504	1
9	PLUG (3004-0M30/3004-SM30/4004-SM30)	32-0037	1
-	PLUG (3004-0M10/3004-SM10/4004-SM10)	32-0012	1
10	CONDUIT 3/4" BLACK *(ONE FOOT REQUIRED)	32-0486	1
11	CONDUIT STRAIGHT	32-0488	1
12	CORD RELIEF	9-0046	1
-	BUSHING (3004-0M10/3004-SM10/4004-SM10)	9-0048	1
13	PLUG	32-0514	1
14	STRAIN RELIEF	32-0437	6
15	ELECTRICAL LOCKNUT	32-0108	6
16	PLASTIC ZIPLOCK BAG	41-0184	1
17	CAM SWITCH	32-1061	1
18	ELECTRICAL LOCKNUT	32-0292	1
-	ELECTRICAL LOCKNUT (3004-0M10/3004-SM10/4004-SM10)	32-0515	1
19	NUT	30-3022	4
20	ELECTRIC BOX	32-0462	1
*MUST ORDER IN ONE FOOT LENGTHS			

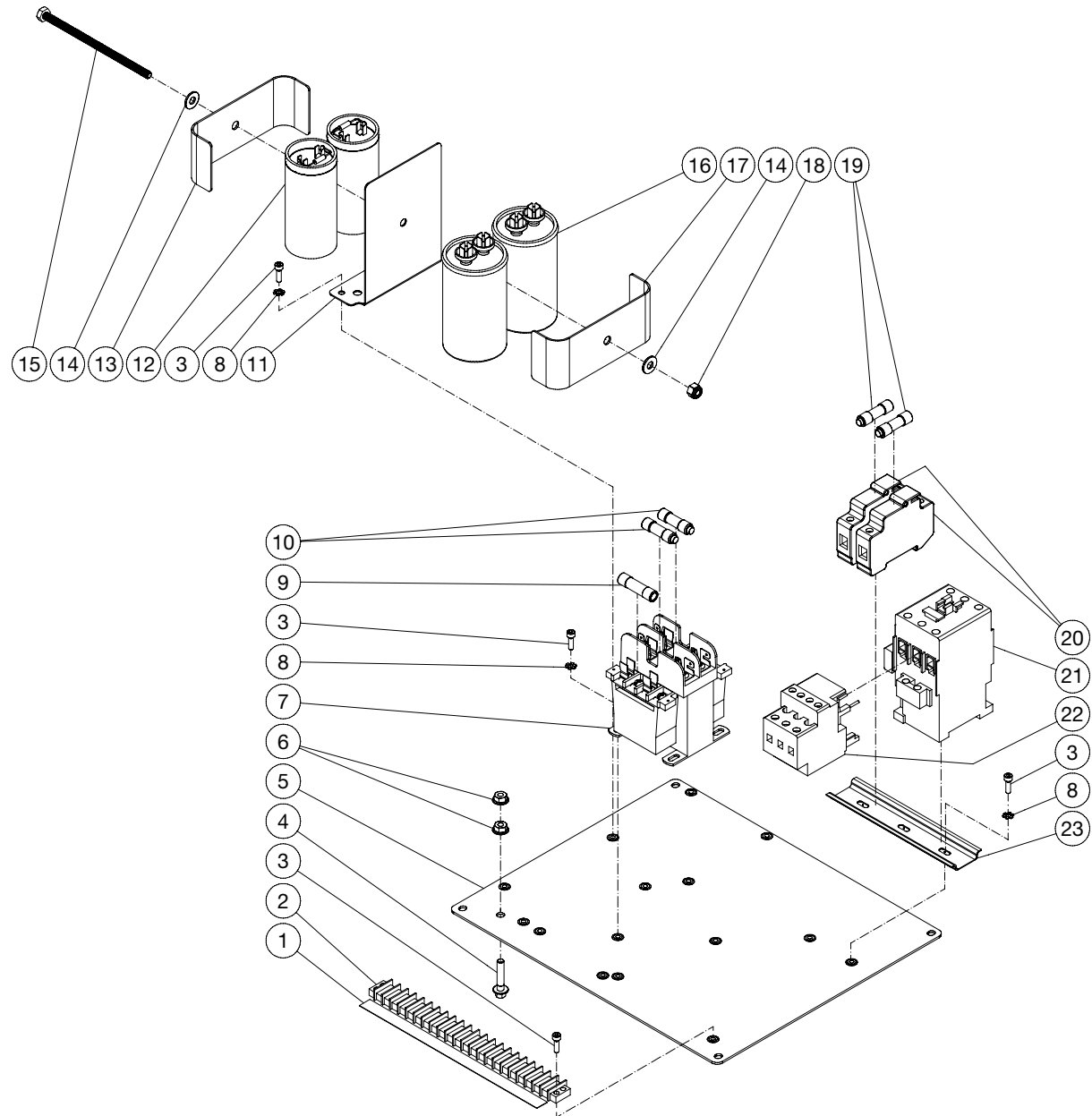
ELECTRIC PANEL SINGLE PHASE (BEFORE SERIAL #15143763)



ELECTRIC PANEL SINGLE PHASE (BEFORE SERIAL #15143763)

GH-2504_3004 ELECTRIC PANEL SINGLE PHASE 030920 JC			
ELECTRIC PANEL			
ITEM	DESCRIPTION	PART #	QTY
1	DECAL - TERMINAL STRIP (SEE 71-0057)	N/A	1
2	TERMINAL STRIP	32-0463	1
3	SCREW	27-8835	8
4	BOLT	27-8898	1
5	ELECTRIC PANEL	20-0434A06	1
6	NUT	30-3022	2
7	TRANSFORMER	32-0313	1
8	STAR WASHER	28-1009	6
9	FUSE 0.6A	32-0471	1
10	FUSE	32-0467	2
11	BRACKET	20-0437A18	1
12	CAPACITOR - RUN (W/MOTOR) (3004-0M10)	32-0520	2
-	CAPACITOR - RUN (W/MOTOR) (2504-0M10)	32-0518	2
13	CAPACITOR CLAMP (3004-0M10)	20-0467	4
-	CAPACITOR CLAMP (2504-0M10)	20-0467	2
14	WASHER (3004-0M10)	28-0002	1
-	WASHER (2504-0M10)	28-0001	1
15	BOLT (3004-0M10)	27-0038	1
-	BOLT 2504-0M10)	27-0759	1
16	CAPACITOR - START (W/MOTOR) (3004-0M10)	32-0517	4
-	CAPACITOR - START (W/MOTOR) (2504-0M10)	32-0516	2
17	LOCKNUT (3004-0M10)	30-0155	1
-	LOCKNUT (2504-0M10)	30-0154	1
18	FUSE 5A	32-0470	2
19	FUSE HOLDER	32-0473	2
20	CONTACTOR 43A 3 POLE	32-0479	1
21	OVERLOAD RELAY 30-45A (3004-0M10)	32-0485	1
-	OVERLOAD 24.5-36A (2504-0M10)	32-1073	1
22	DIN RAIL *(ONE FOOT REQUIRED) (3004-0M10)	32-0316	1
-	DIN RAIL *(FOUR FEET REQUIRED) (2504-0M10)	32-0316	1
*MUST ORDER IN ONE FOOT LENGHTS			

ELECTRIC PANEL SINGLE PHASE (AFTER SERIAL #15143763)

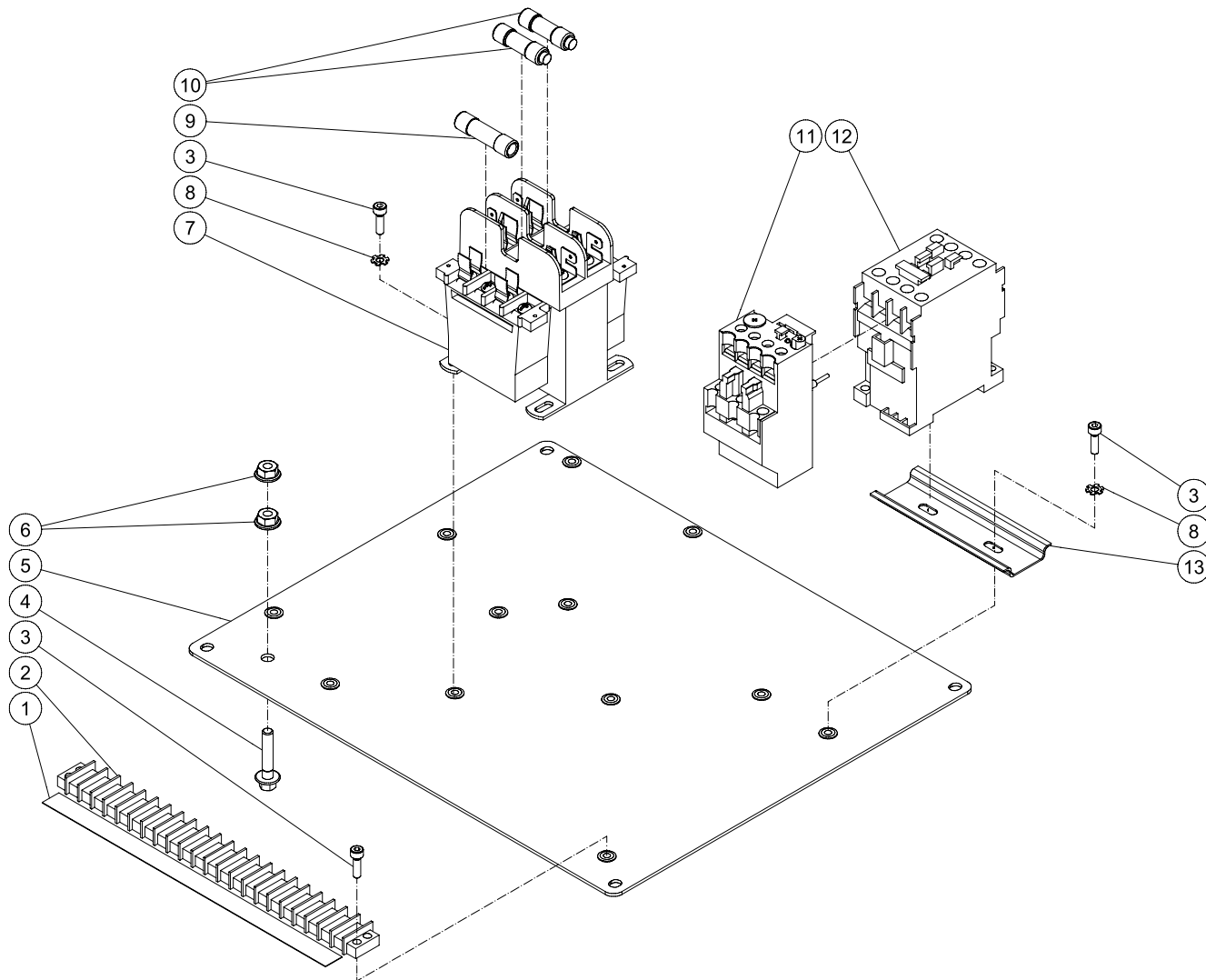


GH-2504_3004_4004 ELECTRIC PANEL SINGLE PHASE 042324

ELECTRIC PANEL SINGLE PHASE (AFTER SERIAL #15143763)

GH-2504_3004_4004 ELECTRIC PANEL SINGLE PHASE 042324			
ELECTRIC PANEL SINGLE PHASE			
ITEM	DESCRIPTION	PART #	QTY
1	DECAL - TERMINAL STRIP (SEE 71-0057)	N/A	1
2	TERMINAL STRIP	32-0463	1
3	SCREW	27-8835	8
4	BOLT	27-8898	1
5	ELECTRIC PANEL	20-0434A06	1
6	NUT	30-3022	2
7	TRANSFORMER	32-0313	1
8	STAR WASHER	28-1009	6
9	FUSE 0.6A	32-0471	1
10	FUSE	32-0467	2
11	BRACKET	20-0437A18	1
12	CAPACITOR - START (W/MOTOR) (3004-0M10)	32-1293	2
-	CAPACITOR - START (W/MOTOR) (2504-0M10, 4004-SM10)	32-1268	2
13	BRACKET - CAPACITOR CLAMP	20-1650A18	1
14	WASHER	28-0002	2
15	BOLT (3004-0M10, 4004-SM10)	27-0032	1
-	BOLT (2504-0M10)	27-0024	1
16	CAPACITOR - RUN (W/MOTOR) (3004-0M10)	32-1292	2
-	CAPACITOR - RUN (W/MOTOR) (2504-0M10)	32-1296	1
-	CAPACITOR - RUN (W/MOTOR) (4004-SM10)	32-1297	2
17	CAPACITOR CLAMP BRACKET (3004-0M10, 4004-SM10)	20-1650A18	1
-	TUBE CLIP (2504-0M10)	33-0673	1
18	LOCKNUT	30-0155	1
19	FUSE 5A	32-0470	2
20	FUSE HOLDER	32-0473	2
21	CONTACTOR (2504-0M10, 3004-0M10)	32-0479	1
-	CONTACTOR (4004-SM10)	32-0480	1
22	OVERLOAD (2504-0M10, 3004-0M10)	32-1073	1
-	OVERLOAD (4004-SM10)	32-0938	1
23	DIN RAIL *(ONE FOOT REQUIRED) (3004-0M10, 4004-SM10)	32-0316	1
-	DIN RAIL *(ONE FOOT REQUIRED) (2504-0M10)	32-0316	1
*MUST ORDER IN ONE FOOT LENGTHS			

ELECTRIC PANEL THREE PHASE (BEFORE SERIAL #15144936)

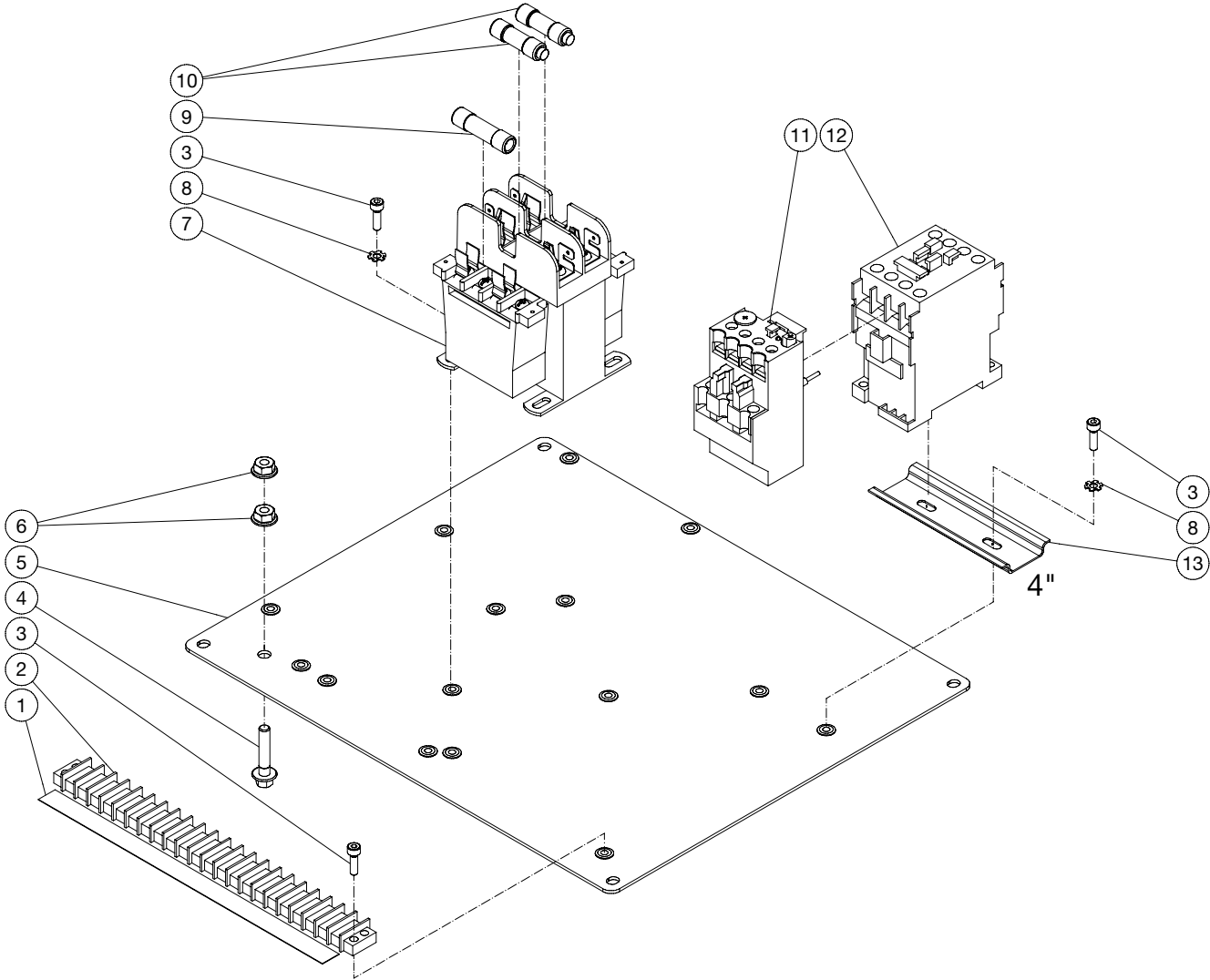


GH-2504 .3004 ELECTRIC PANEL
THREE PHASE 092413 CH

ELECTRIC PANEL THREE PHASE (BEFORE SERIAL #15144936)

GH-2504_3004 ELECTRIC PANEL THREE PHASE 092413 CH			
ELECTRIC PANEL			
ITEM	DESCRIPTION	PART #	QTY
1	DECAL - TERMINAL STRIP (SEE 71-0057)	34-0867	1
2	TERMINAL STRIP	32-0463	1
3	SCREW	27-8835	6
4	BOLT	27-8898	1
5	ELECTRIC PANEL	20-0434A06	1
6	NUT	30-3022	2
7	TRANSFORMER	32-0313	1
8	STAR WASHER	28-1009	4
9	FUSE 0.6A	32-0471	1
10	FUSE 0.5A	32-0467	2
11	OVERLOAD RELAY 16-24A (GH-2504-0M30)	32-0483	1
-	OVERLOAD RELAY 18-30A (GH-3004-0M30)	32-0484	1
12	CONTACTOR 23A 4 POLE (GH-2504-0M30)	32-0477	1
-	CONTACTOR 30A 3 POLE (GH-3004-0M30)	32-0478	1
13	DIN RAIL *(ONE FOOT REQUIRED)	32-0316	1
*MUST ORDER IN ONE FOOT LENGTHS			

ELECTRIC PANEL THREE PHASE (AFTER SERIAL #15144936)

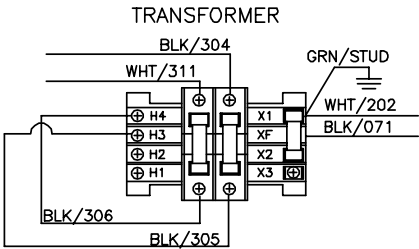
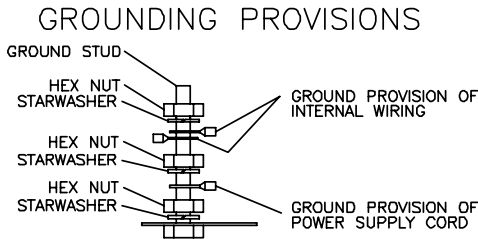
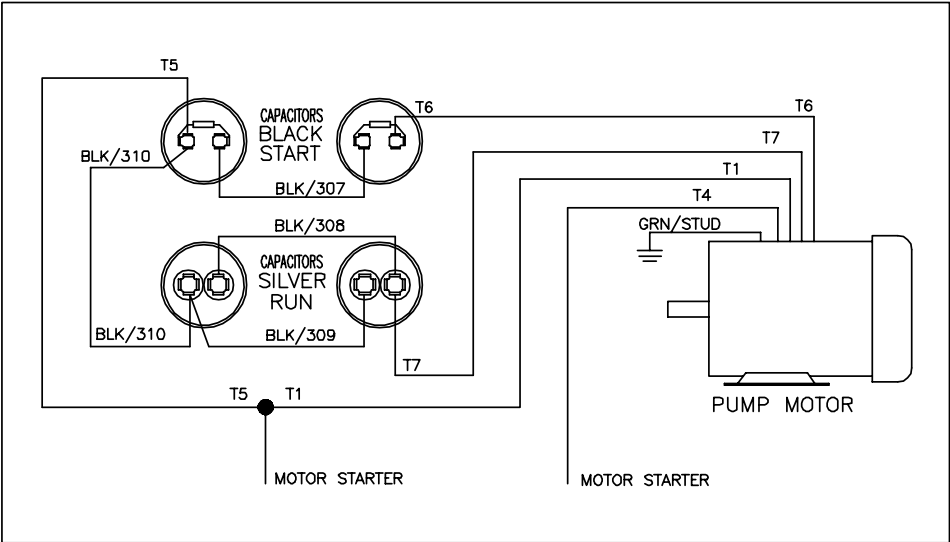
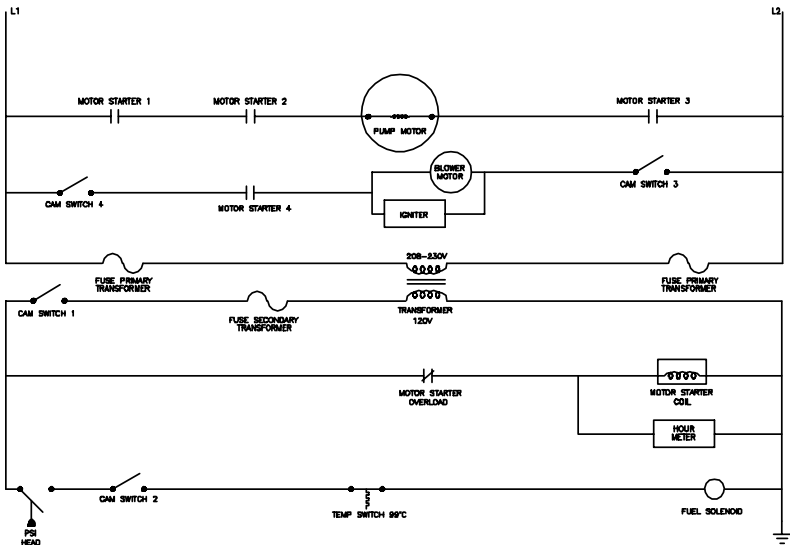


GH-2504_3004_4004 ELECTRIC PANEL THREE PHASE 042324

ELECTRIC PANEL THREE PHASE (AFTER SERIAL #15144936)

GH-2504_3004_4004 ELECTRIC PANEL THREE PHASE 042324			
ELECTRIC PANEL THREE PHASE			
ITEM	DESCRIPTION	PART #	QTY
1	DECAL - TERMINAL STRIP (SEE 71-0057)	N/A	1
2	TERMINAL STRIP	32-0463	1
3	SCREW	27-8835	6
4	BOLT	27-8898	1
5	ELECTRIC PANEL	20-0434A06	1
6	NUT	30-3022	2
7	TRANSFORMER	32-0313	1
8	STAR WASHER	28-1009	4
9	FUSE 0.6A	32-0471	1
10	FUSE	32-0467	2
11	OVERLOAD RELAY (3004-0M30)	32-1076	1
-	OVERLOAD RELAY (2504-0M30)	32-0483	1
-	OVERLOAD (4004-SM30)	32-1074	1
12	CONTACTOR (2504-0M30)	32-0477	1
-	CONTACTOR (3004-0M30, 004-SM30)	32-0478	1
13	DIN RAIL	32-0316	1
-	DIN RAIL (4004-SM30)	32-0316	1
*MUST ORDER IN ONE FOOT LENGTHS			

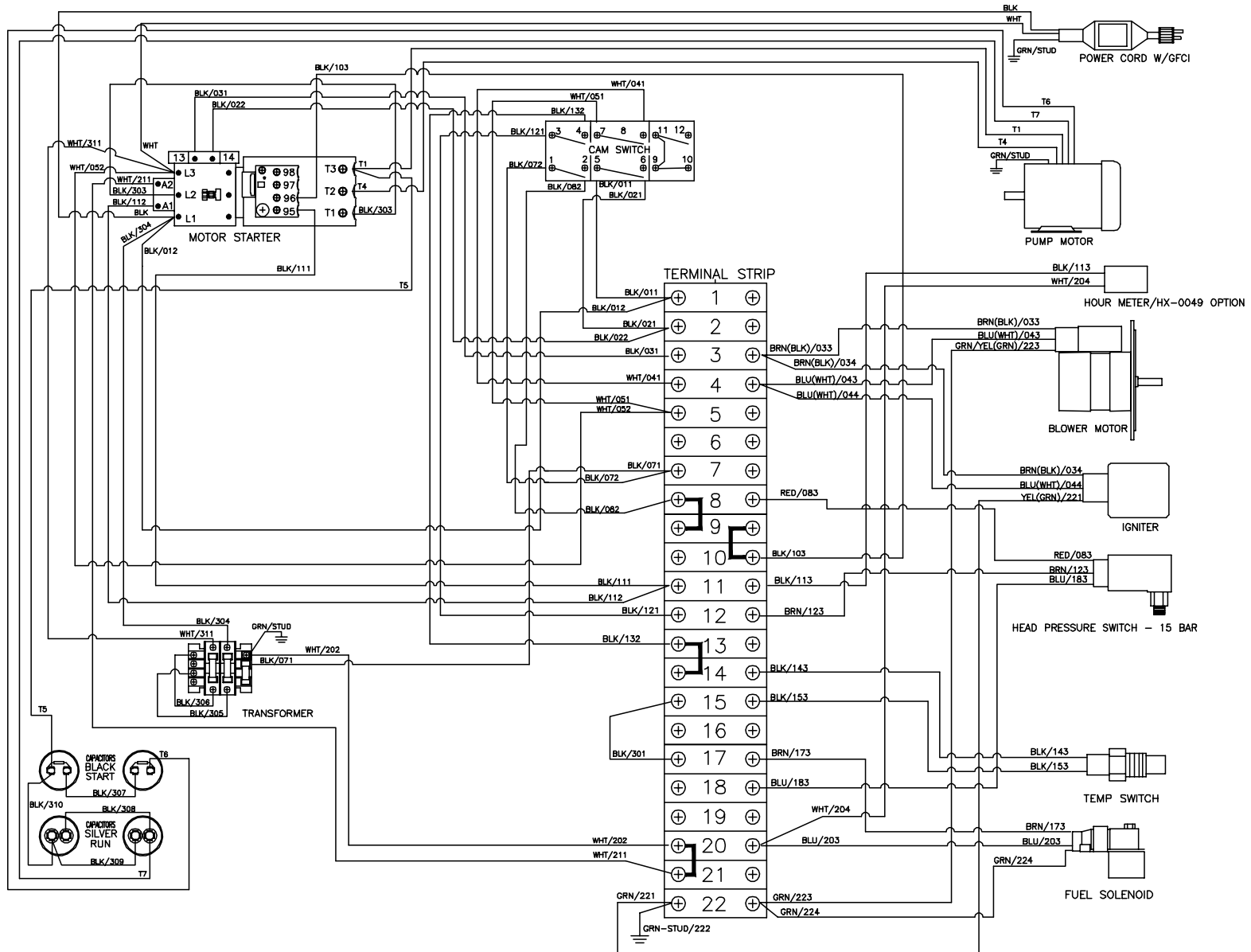
WIRING SCHEMATIC FOR GH-2504-SM10 (208-230 VOLT)



FACTORY SETTING	PRIMARY		SECONDARY	
	VOLTAGE	TERMINALS	VOLTAGE	TERMINALS
	208	H4-H3	115	XF-X1
	230	H4-H2	115	XF-X1

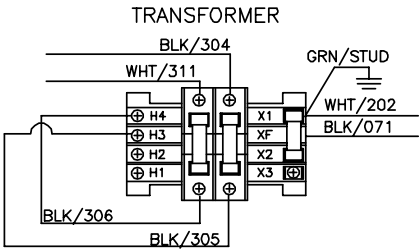
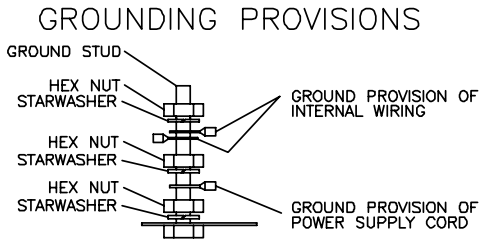
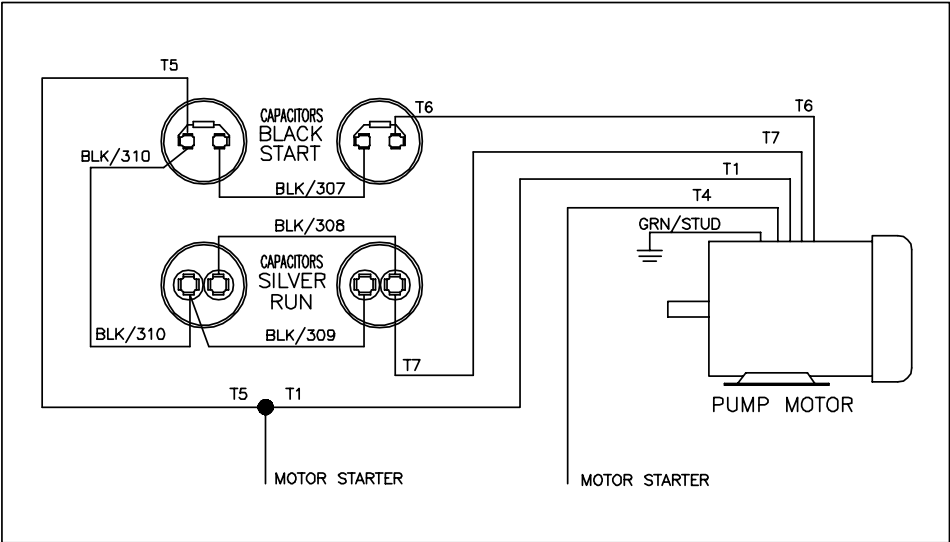
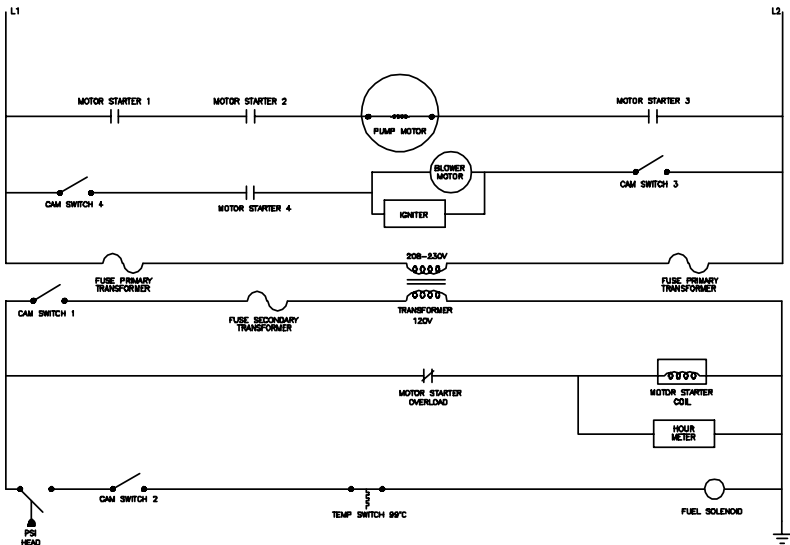
WIRE SCHEMATIC GH-2504-0M10-061203-KZ

WIRING DIAGRAM FOR GH-2504-SM10 (208-230 VOLT)



WIRE DIAGRAM GH-2504-0M10-061203-KZ

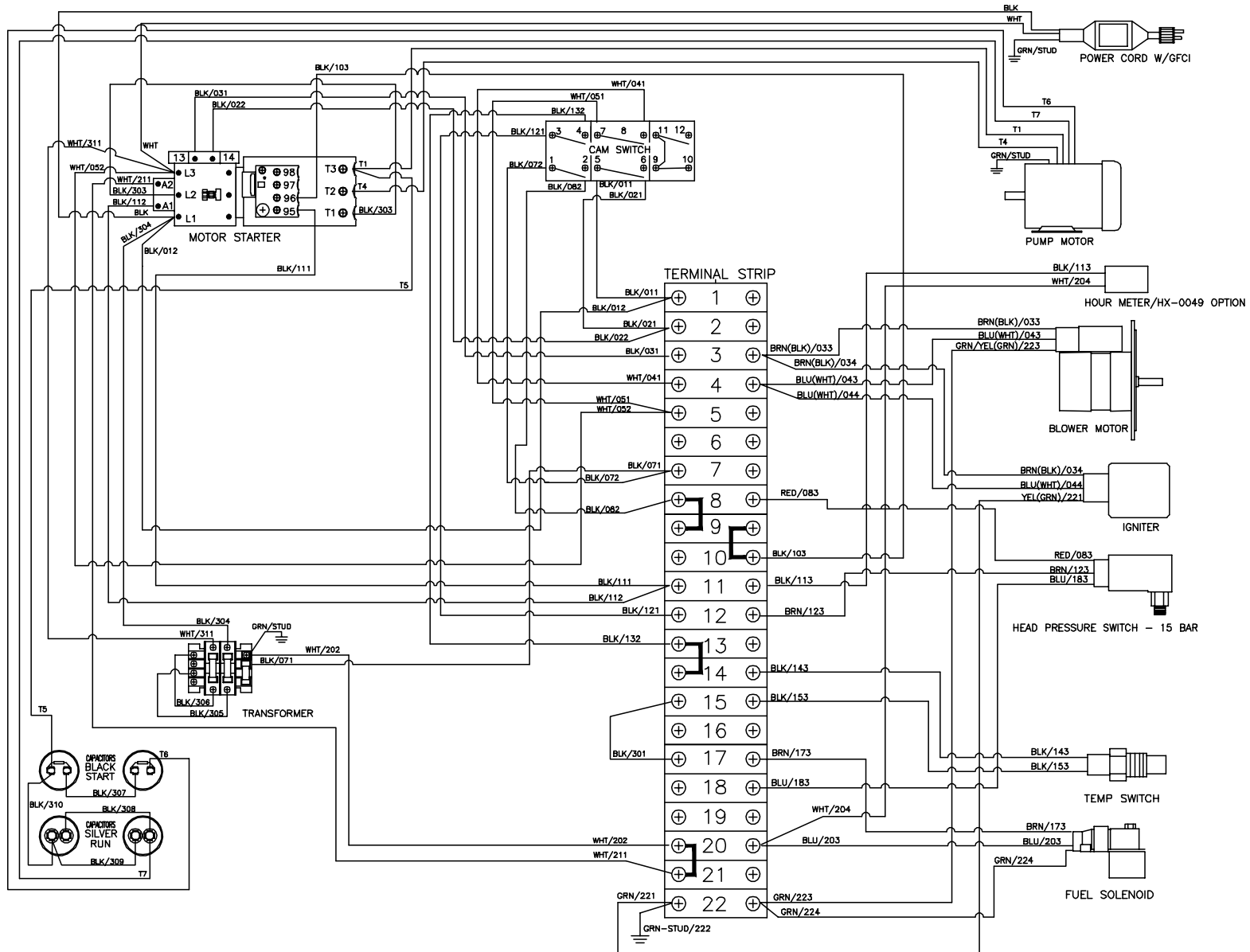
WIRING SCHEMATIC FOR GH-2504-0M10 (208-230 VOLT)



FACTORY SETTING	PRIMARY		SECONDARY	
	VOLTAGE	TERMINALS	VOLTAGE	TERMINALS
	208	H4-H3	115	XF-X1
	230	H4-H2	115	XF-X1

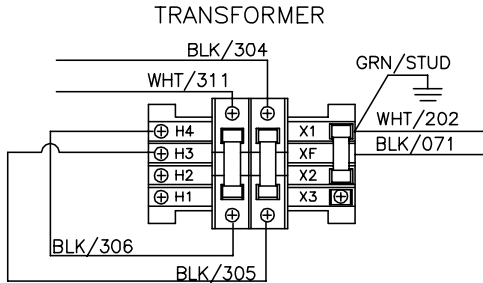
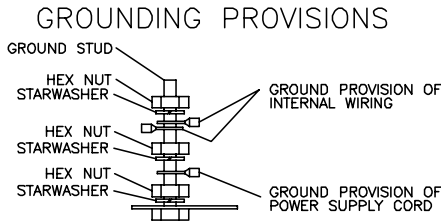
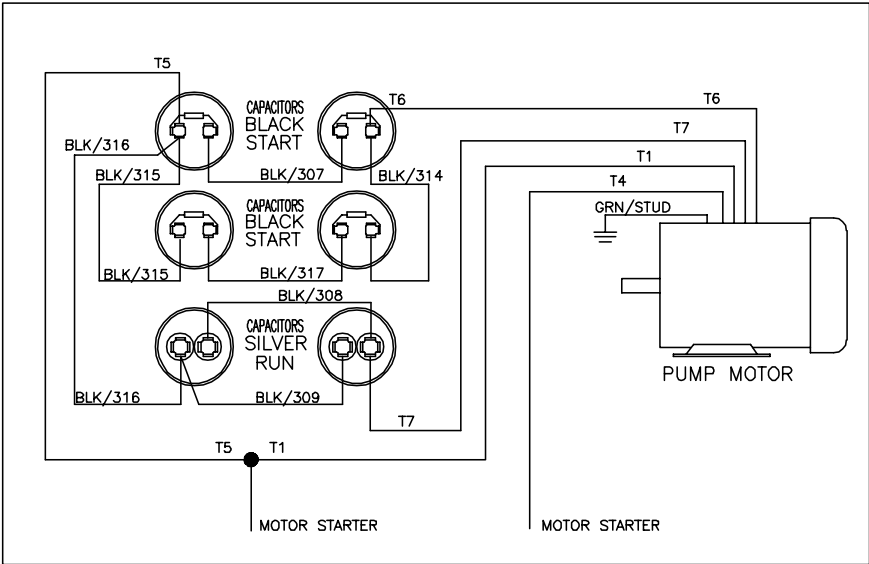
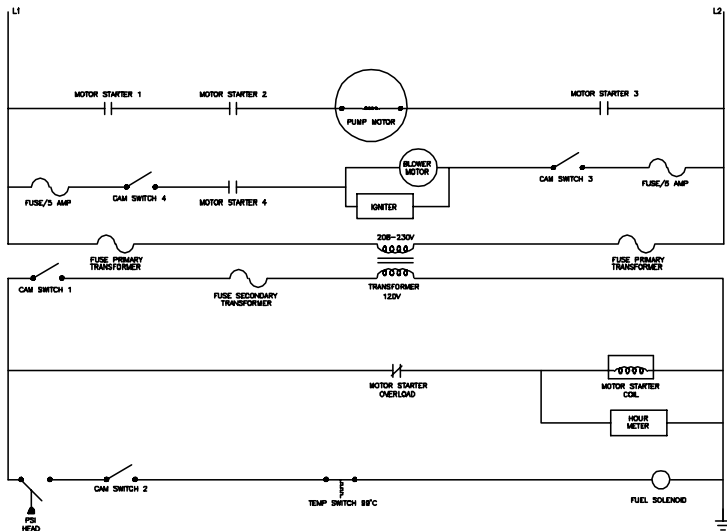
WIRE SCHEMATIC GH-2504-0M10-061203-KZ

WIRING DIAGRAM FOR GH-2504-0M10 (208-230 VOLT)



WIRE DIAGRAM GH-2504-0M10-061203-KZ

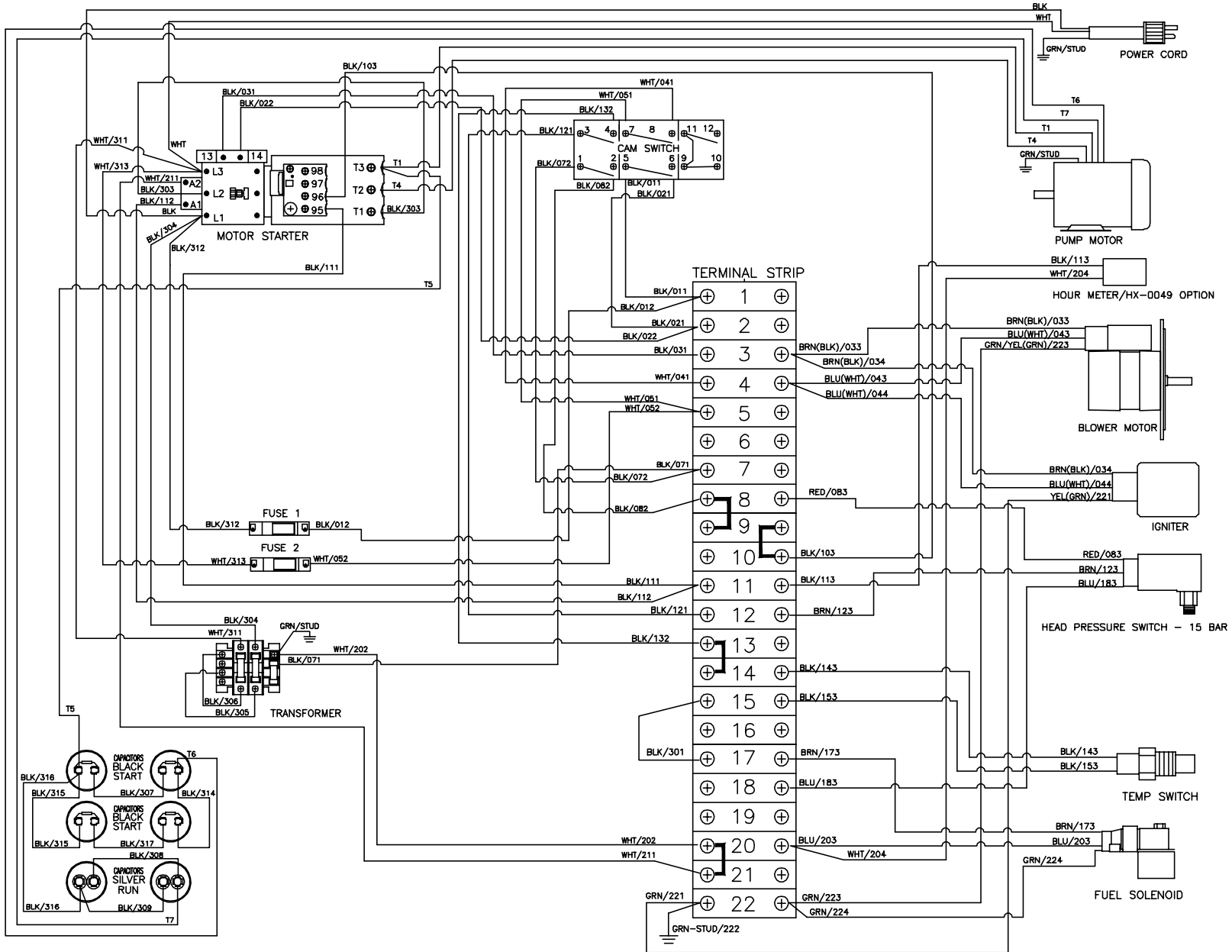
WIRING SCHEMATIC FOR GH-3004-SM10 (208-230 VOLT) (BEFORE SERIAL #15143763)



FACTORY SETTING	PRIMARY		SECONDARY	
	VOLTAGE	TERMINALS	VOLTAGE	TERMINALS
	208	H4-H3	115	XF-X1
	230	H4-H2	115	XF-X1

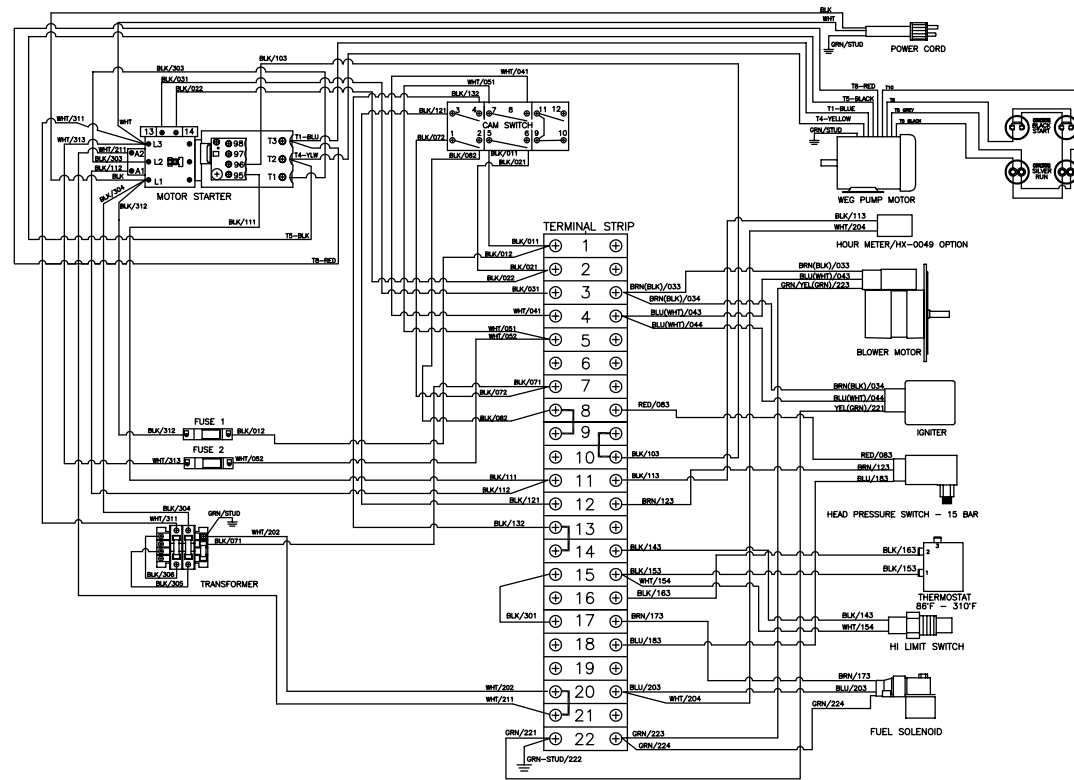
WIRE SCHEMATIC GH-3004-0M10-061203-KZ

WIRING DIAGRAM FOR GH-3004-SM10 (208-230 VOLT) (BEFORE SERIAL #15143763)

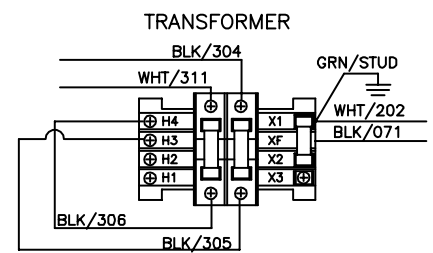
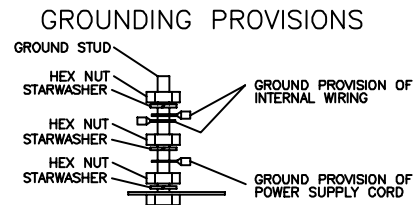
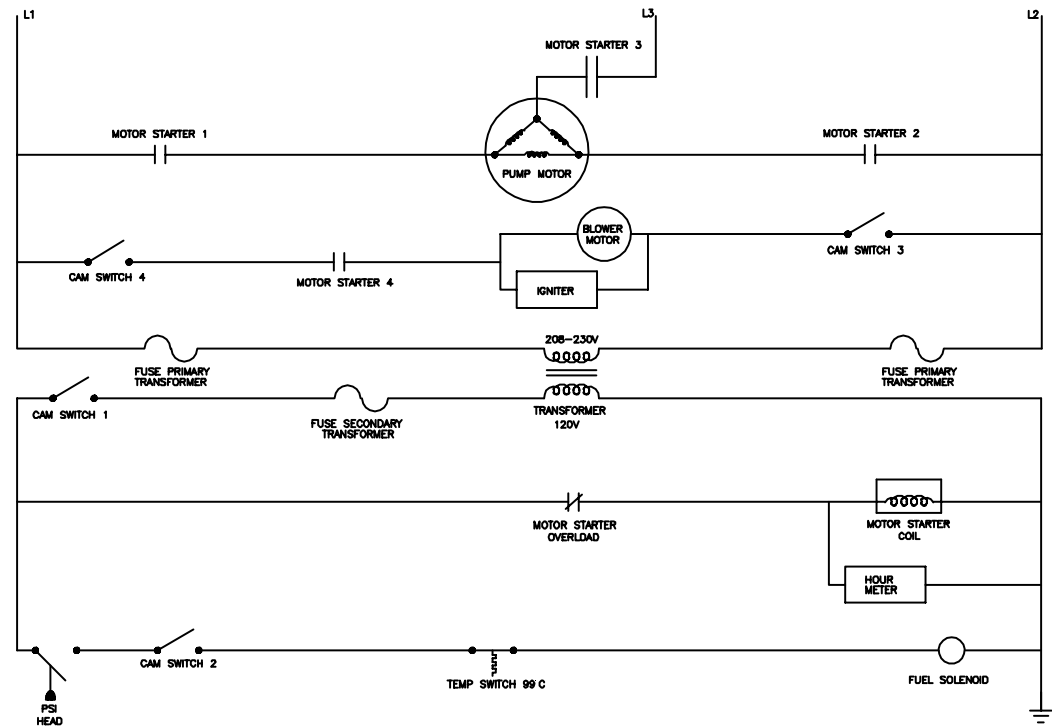


WIRE DIAGRAM GH-3004-0M10-061203-KZ

WIRING DIAGRAM FOR GH-3004-SM10 (208-230 VOLT) (AFTER SERIAL #15143763)



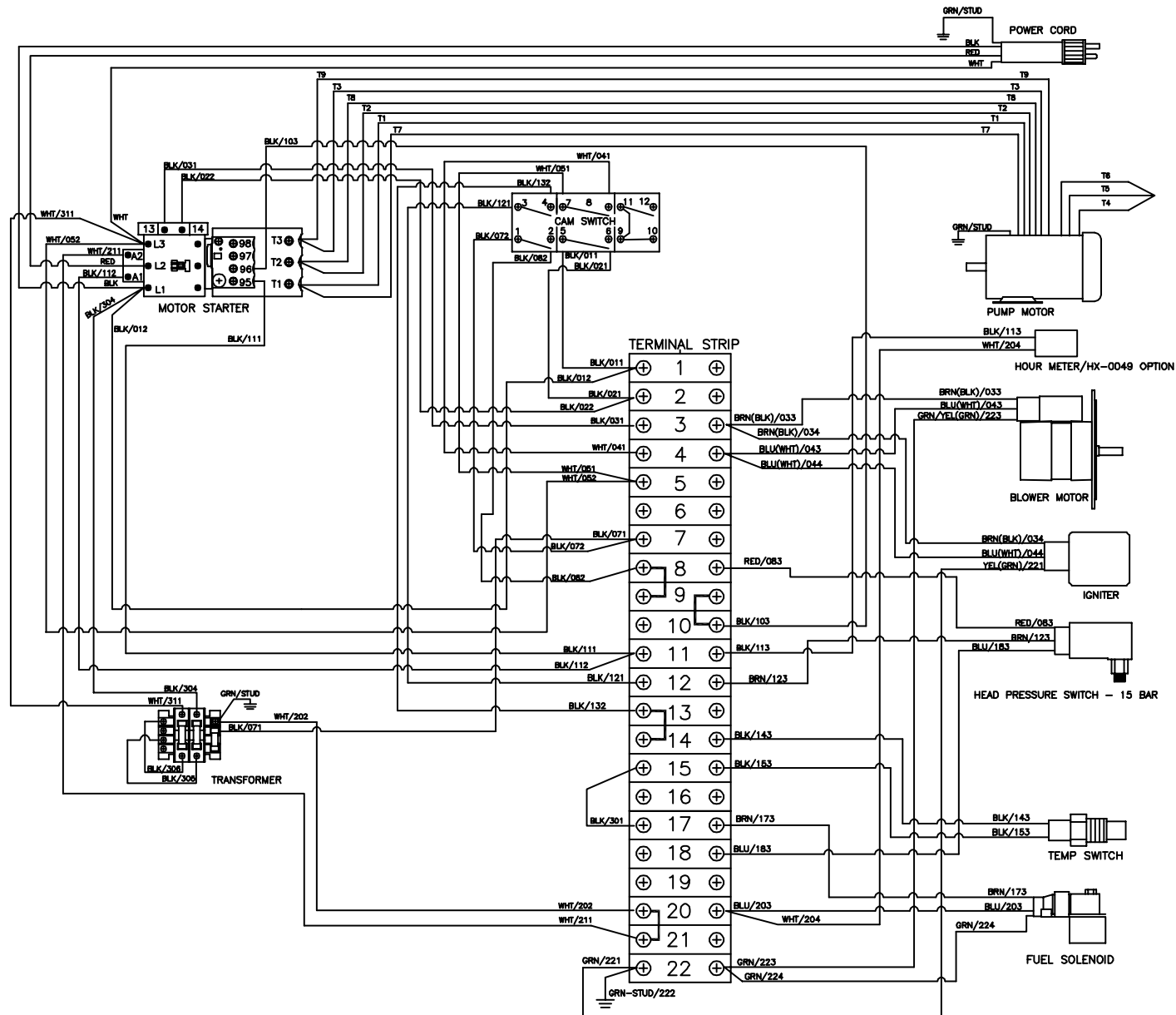
WIRING SCHEMATIC FOR GH-2504/3004-SM30 (208-230 VOLT) (BEFORE SERIAL #15144936)



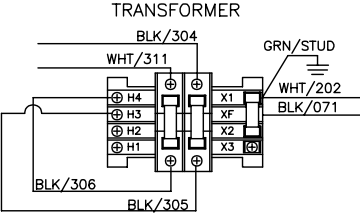
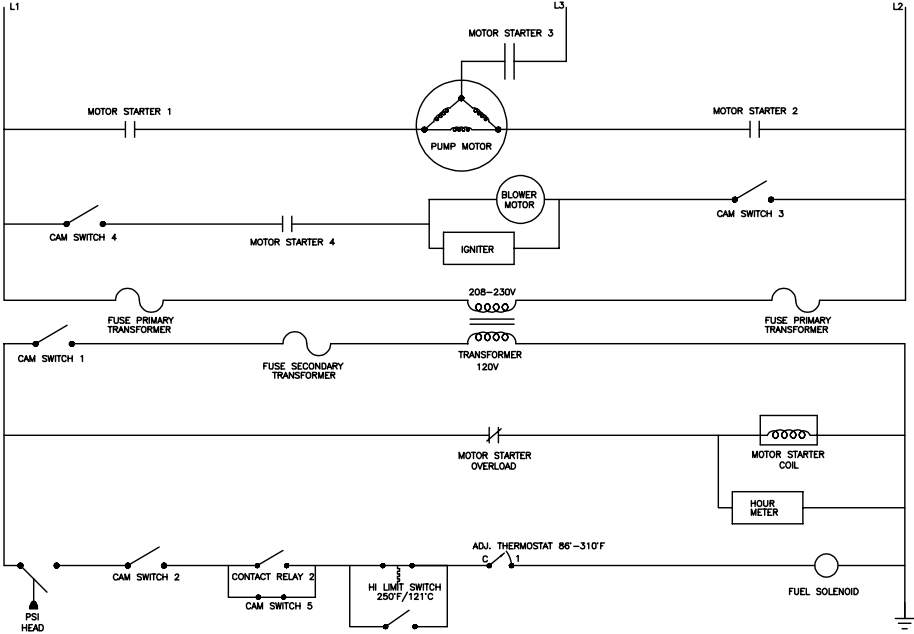
FACTORY SETTING	PRIMARY VOLTAGE	TERMINALS	SECONDARY VOLTAGE	TERMINALS
	208	H4-H3	115	XF-X1
	230	H4-H2	115	XF-X1

WIRE SCHEMATIC GH-2504-3004-0M30 061203

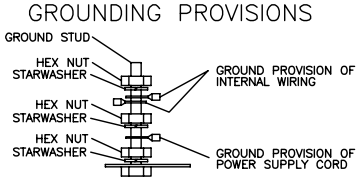
WIRING DIAGRAM FOR GH-2504/3004-SM30 (208-230 VOLT) (BEFORE SERIAL #15144936)



WIRING SCHEMATIC FOR GH-2504/3004-SM30 (208-230 VOLT) (AFTER SERIAL #15144936)

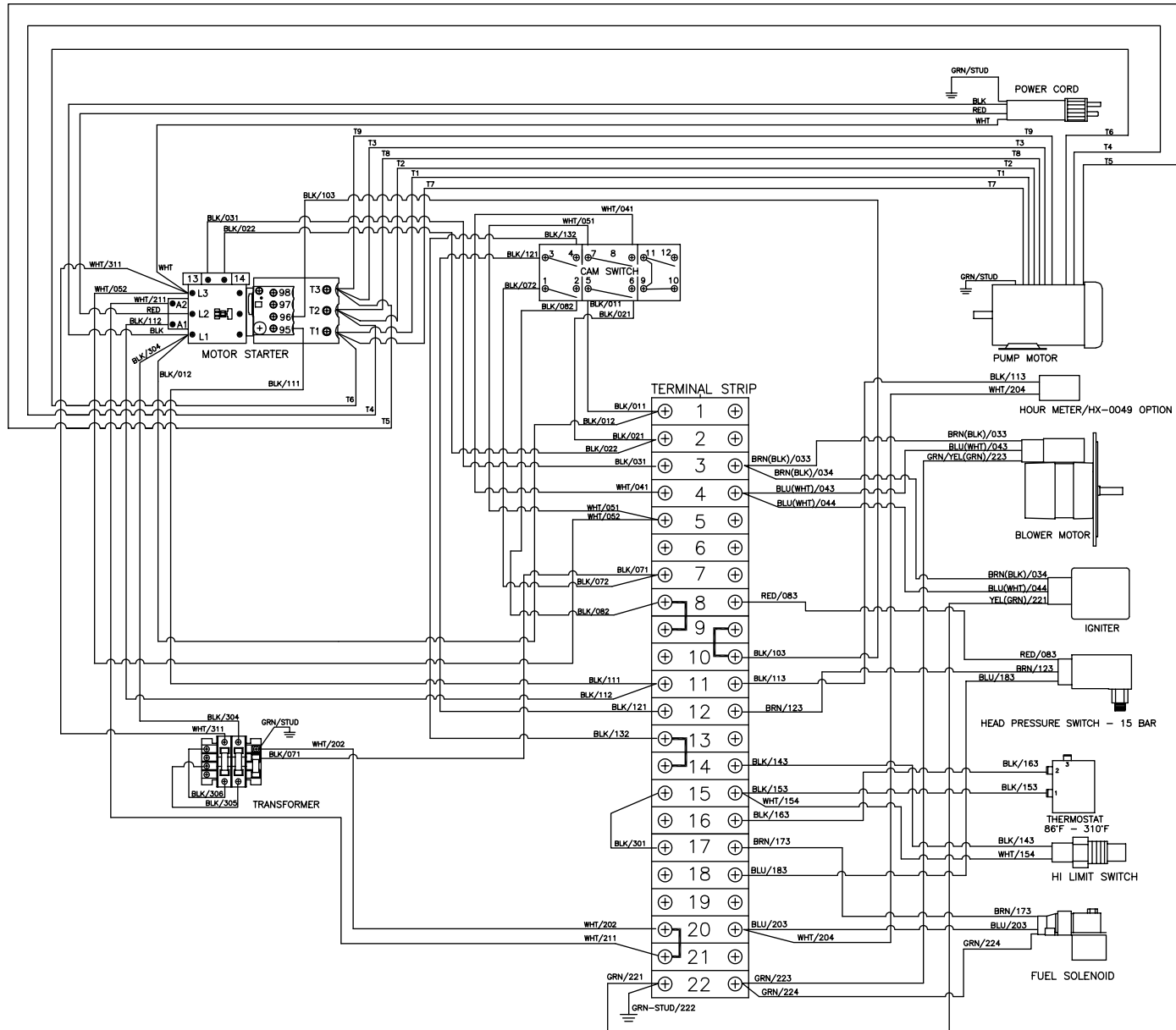


FACTORY SETTING	PRIMARY VOLTAGE	TERMINALS	SECONDARY VOLTAGE	TERMINALS
	230	H4-H2	115	XF-X1



WIRE SCHEMATIC GH-2504-3004-0M30 041521

WIRING DIAGRAM FOR GH-2504/3004-SM30 (208-230 VOLT) (AFTER SERIAL #15144936)



WIRE DIAGRAM GH-2504-3004-0M30 041521

For parts Call 888-279-9274

Manufactured by Mi-T-M
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