

PARTS LIST FOR
2503/3004 SERIES
STATIONARY
ELECTRIC DRIVEN/BELT DRIVE
ELECTRIC HEATED
HOT WATER PRESSURE WASHER
HOT WATER PRESSURE WASHER

PUMP OIL GRADE:	SAE30W Non-Detergent
PUMP OIL CAPACITY:	37.2 oz.
HEAT EXCHANGE RATING:	
	2503: 48kW
	3004: 72kW
PRESSURE NOZZLE:	
	2503: 3.5
	3004: 4.5

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 ensure 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 INSTALLING, USING OR REPAIRING THIS UNIT! READ AND FOLLOW THE SAFETY WARNINGS BEFORE ATTEMPTING ANY REPAIRS ON THIS PRESSURE WASHER!

SAFETY WARNINGS

1. NEVER alter or modify the equipment. Use only genuine manufacturer parts for repair of your pressure washer. Failure to do so can cause hazardous operating conditions and will VOID warranty. Repairs performed on this pressure washer should be done by a qualified serviceman in accordance with local, state and national regulations.
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 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. Before servicing the unit, always shut off the unit and trigger the gun to release trapped pressure. Know how to stop the pressure washer and bleed pressures quickly. Be thoroughly familiar with controls. Be sure any accessory items and system components being used will withstand the pressure developed.

NOTES

DATE	SERIAL NUMBER	REASON FOR CHANGE
04-26-19	15131522	CHANGED REGULATING VALVE FROM 22-0501 TO 22-0507
05-01-22	15154451	CHANGED CW MOTOR FROM 2-0091 TO 2-0208 CHANGED CW MOTOR FROM 2-0110 TO 2-0210
08-17-22	15155258	REPLACED 32-0799 ELECTRIC BOX WITH 20-1601A18
04-01-23	15159371	3-0202 PUMP DESIGN CHANGE
01-05-26	15174501	ADDING THE AUXILIARY CONTACT ON THE CW PUMP MOTOR IN SERIES WITH THE HEATER CONTROLS

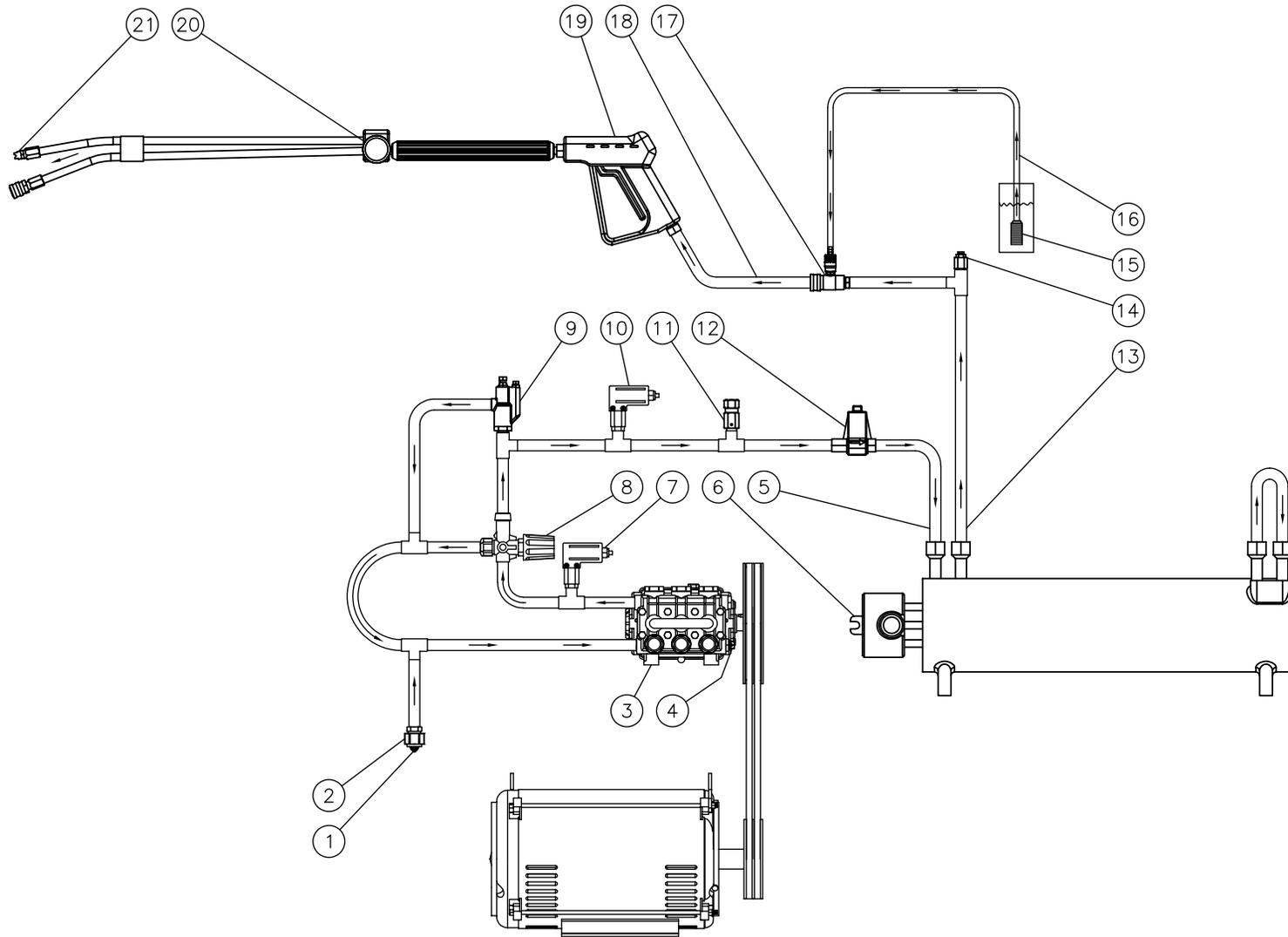
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SPECIFICATIONS

Operating Pressure (PSI/Bar):	2500/5.36	3000/6.43
High Pressure Nozzle:	3.5	4.5
Water Volume (GPM/lpm):	2.8/10.6	3.9/14.8
Motor:	TEFC	
Horsepower	6	8
Voltage	460	
RPM	1725	
Phase	3	
Amps	8	10
Pump:	Belt Driven, Oil Bath, Triplex Piston	
Oil Type	SAE30W Non-Detergent	
Oil Capacity (oz./liters)	37.2 / 1.1	
Plungers	Ceramic	
Manifold	Forged Brass	
Valves	Stainless Steel	
Unloader	Pre-set at the factory	
Thermal Relief Valve	Relieves heated water during unloader bypass stage	
Detergent Injector	Adjustable low pressure down stream from pump	
Heat Exchanger:		
Voltage	480	
Phase	3	
Amps	60	90
Rating	48kW	72kW
Electric Controls:		
Heat Exchanger	Rocker Switch	
Control Voltage	24 Volt AC	
Safety Devices:		
Thermostat	Adjustable	
Relief Valve	Relieves Excessive System Pressure	
Unit Net Weight (Lbs/kg):	624/284	725/329
Unit Shipping Weight (Lbs/kg):	725/329	826/375
Unit Net Dimension (In/cm):	39.5Lx25Wx49.25H / 100.33Lx63.45Wx125.01H	
Unit Shipping Dimension (In/cm):	57.13Lx35.75Wx51.13H / 145.11Lx90.81Wx129.87H	

FLOW CHART



GENERAL THEORY OF OPERATION

WATER FLOW: Connect a pressurized water source to the INLET GARDEN HOSE CONNECTION (2) and turn on the water supply. The water will flow through a WATER STRAINER (1) and into the TRIPLE HIGH PRESSURE PUMP (3) which has an UNLOADER (8) 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 (4) will open at 125°F/52°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 (7) that controls the time-delay shutdown feature.

After the high pressure water exits the pump, it enters a safety system which protects the operator from danger. The safety system contains a PRESSURE SWITCH (10) and a FLOW SWITCH (12) which must signal that water is flowing before it allows the heaters to turn on. From there, the water flows through the HEAT EXCHANGER INLET (5) where it is heated when the heat exchanger switches are on. As the water exits the HEAT EXCHANGER OUTLET (13), it passes an ADJUSTABLE THERMOSTAT (14) which senses the water temperature and shuts off the heat exchangers if the water gets too hot.

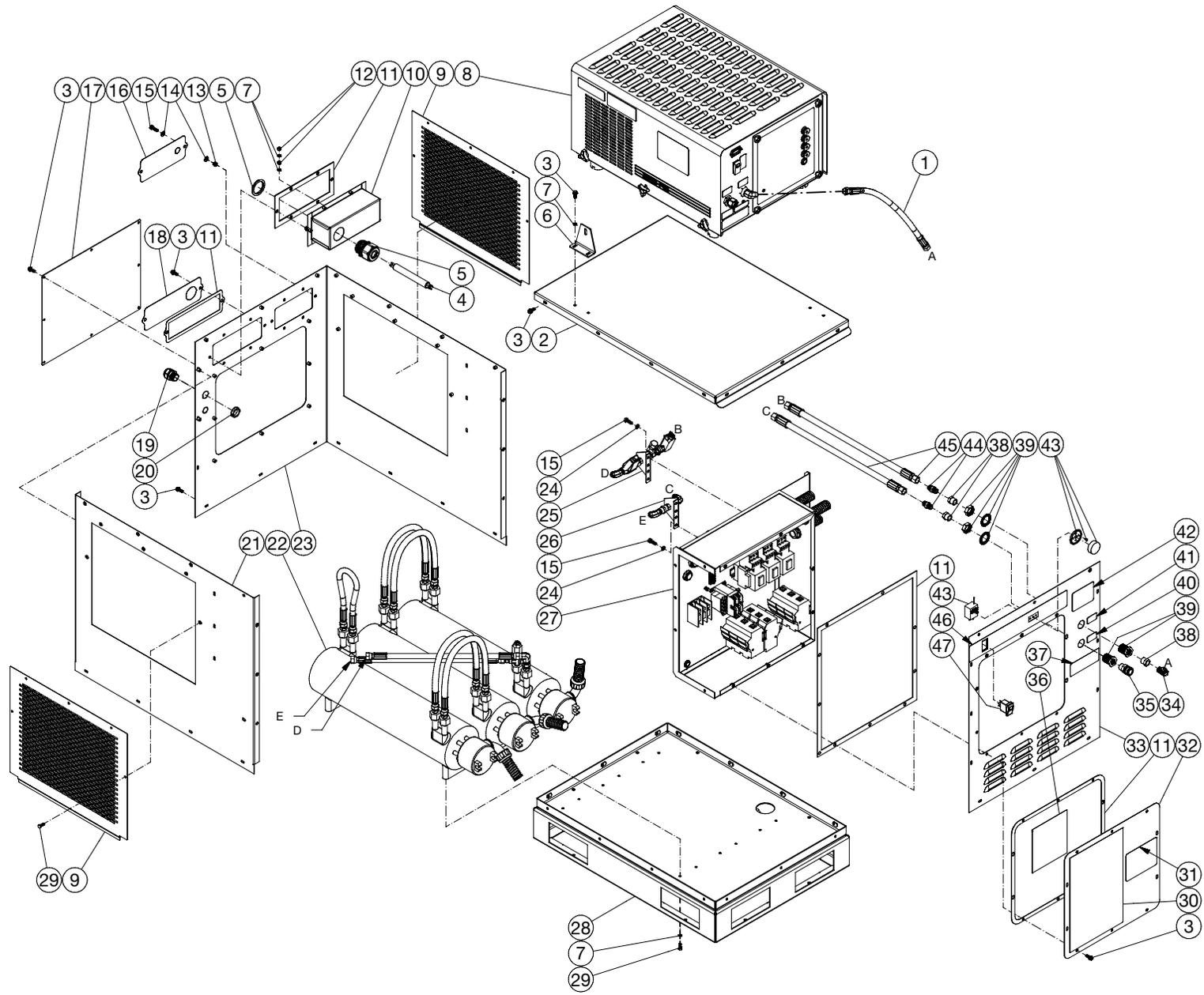
If the unloader fails to bypass water, or the heat exchanger remains on when the trigger gun is closed, the SAFETY RELIEF VALVE (11) will relieve and allow water to exit safely.

During normal operation, the trapped pressure in bypass mode may be lowered by the PRESSURE REGULATING VALVE (9), which will relieve a small amount of water into the bypass loop. This will lower the trapped pressure between the unloader and gun.

The heated water then flows through the HIGH PRESSURE HOSE (18) and to the TRIGGER GUN ASSEMBLY (19) which allows the operator to control the water supply. When the trigger gun is open, the water flows through the ADJUSTABLE PRESSURE DUAL LANCE (20) and exits the NOZZLES (21).

DETERGENT: When using detergents, the solution passes through the DETERGENT STRAINER (15) located on the DETERGENT HOSE (16). The detergent solution then travels through the DETERGENT METERING VALVE (17) and into the high pressure hose.

UNIT ASSEMBLY (BEFORE SERIAL #15155258)



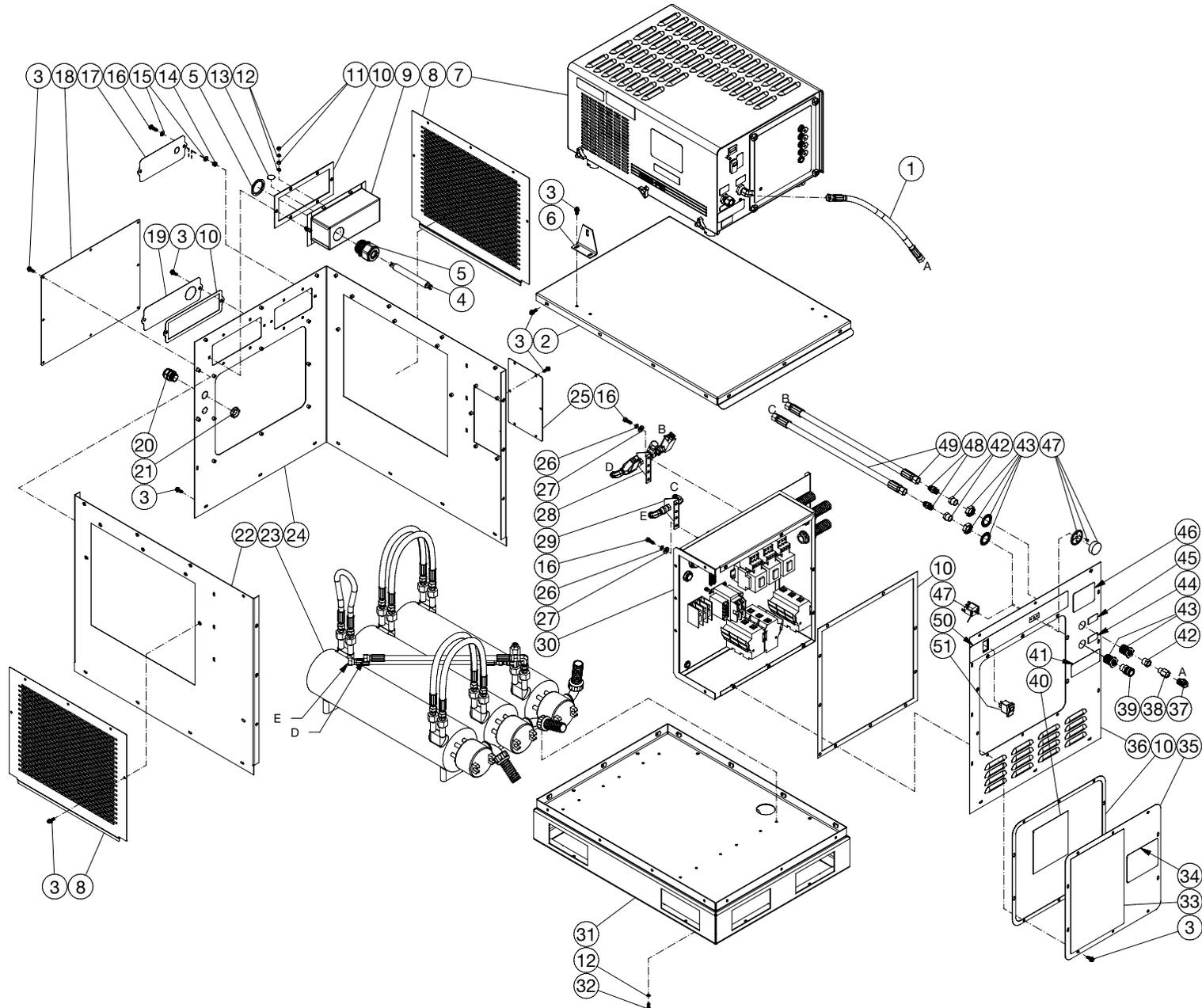
DH-2503_3004-AE0E4G UNIT ASSEMBLY 122921 CAN

UNIT ASSEMBLY (BEFORE SERIAL #15155258)

DH-2503_3004-AEOE4G UNIT ASSEMBLY 122921 CAN			
UNIT ASSEMBLY			
ITEM	DESCRIPTION	PART #	QTY
1	20" HP HOSE	15-0368	1
2	CAP PLATE	20-1483A18	1
3	BOLT	27-1200	72
4	CORD *(FOUR FEET REQUIRED)	32-1202	1
5	CORD GRIP	32-1201	1
6	BRACKET - CW MOUNT	20-1482A18	2
7	LOCKWASHER	29-0006	18
8	DH PRESSURE UNIT ASSY DEALER EXCL	DH PRESSURE UNIT ASSY	1
9	ACCESS PANEL	20-1552A18	2
10	JUNCTION BOX	20-1461A18	1
11	GASKET SET	26-0405	1
12	NUT	30-0002	2
13	LOCKNUT	30-0157	2
14	WASHER	28-0003	4
15	BOLT	27-0067	6
16	COVER PLATE	20-1668A18	1
17	PANEL - BACK	20-1458A18	1
18	COVER PLATE	20-1462A18	1
19	CORD RELIEF	9-0046	1
20	ELECTRICAL LOCKNUT	32-0292	1
21	SECONDARY BODY PANEL	20-1454A18	1
22	3004 CARTRIDGE PLUMBING	3004 CARTRIDGE PLUMBING	1
-	2503 CARTRIDGE PLUMBING	2503 CARTRIDGE PLUMBING	1
23	PRIMARY BODY PANEL	20-1453A18	1
24	LOCKWASHER	29-0007	4
25	INLET PLUMBING ASSY	INLET PLUMBING ASSY	1
26	OUTLET PLUMBING ASSY	OUTLET PLUMBING ASSY	1
27	ELEC BOX ASSY	ELEC BOX ASSY	1
28	BASE FRAME	20-1452A18	1
29	BOLT	27-0015	22
30	DECAL	N/A	1
31	DECAL - LOGO	N/A	1
32	E-BOX COVER PANEL	20-1459A18	1
33	FRONT PANEL	20-1455A18	1
34	ELBOW	24-0092	1
35	QUICK CONNECT SOCKET	17-0029	1
36	PLASTIC ZIPLOCK BAG	41-0184	1
37	DECAL-CAUT:HOT SUR/HOT DIS E/S	N/A	1
38	REDUCER BUSHING	23-0016	3
39	ADAPTER	23-0365	2
40	DECAL - OUTLET	N/A	1
41	DECAL-INLET (E/S)	N/A	1
42	DECAL - DATA PLATE	N/A	1
43	ADJUSTABLE THERMOSTAT	32-0962	1
44	NIPPLE	24-0002	2
45	24.5" HP HOSE	15-0254	2
46	DECAL - CONTROL PANEL	N/A	1
47	ROCKER SWITCH (2503/3004)	32-0731	1
-	ROCKER SWITCH (HX-0298)	32-0732	1
-	DECAL SET - GHE/HAE 2503 & 3004	71-3002	1

*MUST ORDER IN ONE FOOT LENGTHS

UNIT ASSEMBLY (BETWEEN SERIAL #15155258 - #15174501)



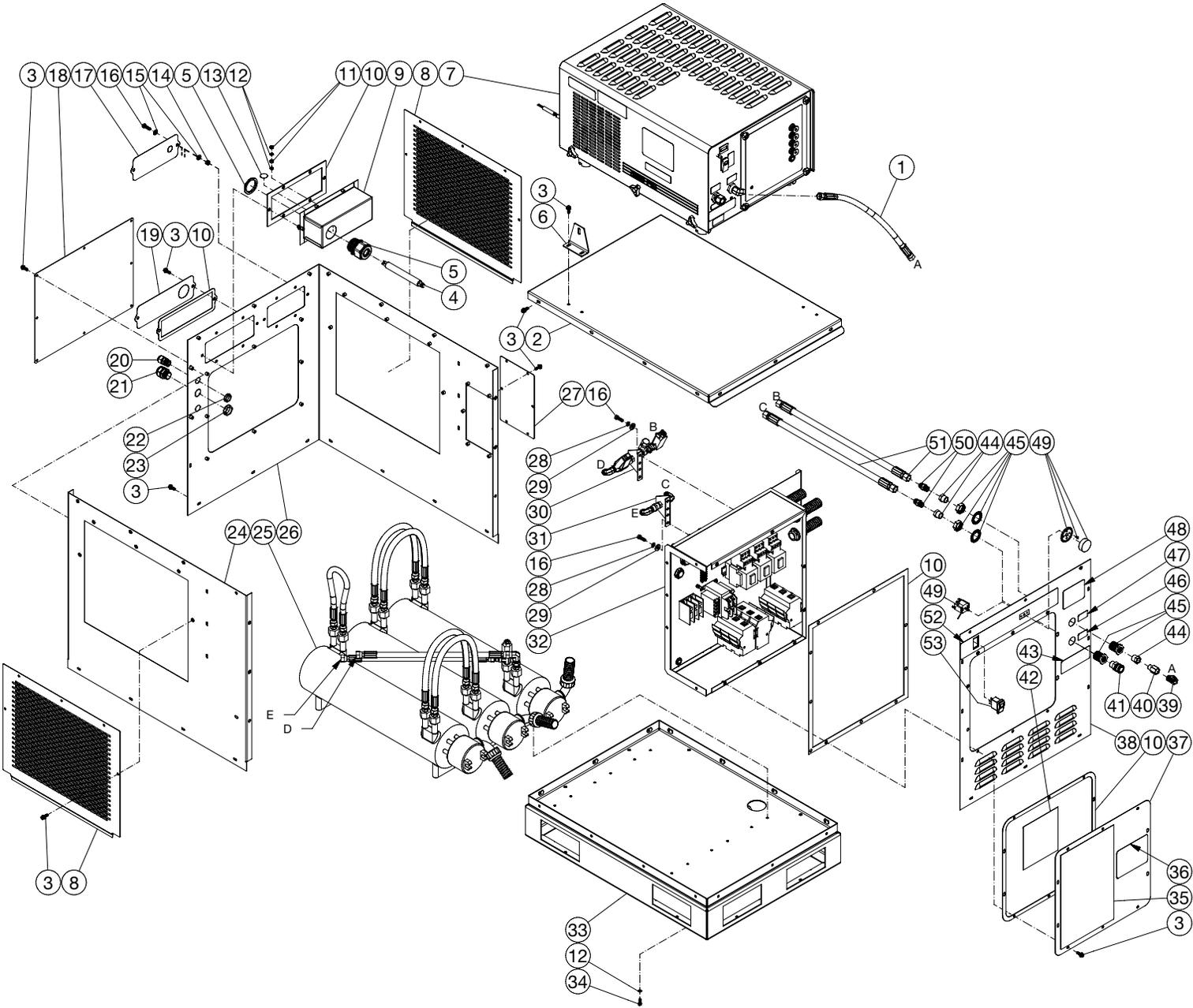
DH-2503_3004 UNIT ASSEMBLY 031025

UNIT ASSEMBLY (BETWEEN SERIAL #15155258 - #15174501)

DH-2503_3004 UNIT ASSEMBLY 031025								
UNIT ASSEMBLY								
ITEM	DESCRIPTION	PART #	QTY		ITEM	DESCRIPTION	PART #	QTY
1	20" HP HOSE	15-0368	1		27	WASHER	28-0022	4
2	CAP PLATE	20-1483A18	1		28	INLET PLUMBING ASSY	N/A	1
3	BOLT	27-1200	88		29	OUTLET PLUMBING ASSY	N/A	1
4	CORD *(FOUR FEET REQUIRED)	32-1202	1		30	ELEC BOX ASSY	N/A	1
5	CORD GRIP	32-1201	1		31	BASE FRAME	20-1452A18	1
6	BRACKET - CW MOUNT	20-1482A18	2		32	BOLT	27-0015	12
7	DH PRESSURE UNIT ASSY DEALER EXCL	N/A	1		33	DECAL	N/A	1
8	ACCESS PANEL	20-1552A18	2		34	DECAL - LOGO	N/A	1
9	JUNCTION BOX	20-1461A18	1		35	E-BOX COVER PANEL	20-1459A18	1
10	GASKET SET	26-0405	1		36	FRONT PANEL	20-1455A18	1
11	NUT	30-0002	2		37	ELBOW	24-0092	1
12	LOCKWASHER	29-0006	14		38	ADAPTER	24-0366	1
13	DECAL- GROUND PICTORIAL (SEE 71-3002)	N/A	1		39	QUICK CONNECT SOCKET	17-0029	1
14	LOCKNUT	30-0157	2		40	PLASTIC ZIPLOCK BAG	41-0184	1
15	WASHER	28-0003	4		41	DECAL-CAUT: HOT SUR/HOT DIS E/S (SEE 71-3002)	N/A	1
16	BOLT	27-0067	6		42	REDUCER BUSHING	23-0016	3
17	COVER PLATE	20-1668A18	1		43	ADAPTER	23-0365	2
18	PANEL - BACK	20-1458A18	1		44	DECAL - OUTLET (SEE 71-3002)	N/A	1
19	COVER PLATE	20-1462A18	1		45	DECAL-INLET (E/S) (SEE 71-3002)	N/A	1
20	CORD RELIEF	9-0046	1		46	DECAL - DATA PLATE	N/A	1
21	ELECTRICAL LOCKNUT	32-0292	1		47	ADJUSTABLE THERMOSTAT	32-0734	1
22	SECONDARY BODY PANEL	20-1454A18	1		48	NIPPLE	24-0002	2
23	3004 CARTRIDGE PLUMBING	N/A	1		49	24.5" HP HOSE	15-0254	2
-	2503 CARTRIDGE PLUMBING	N/A	1		50	DECAL - CONTROL PANEL (SEE 71-3002)	N/A	1
24	PRIMARY BODY PANEL	20-1453A18	1		51	ROCKER SWITCH	32-0731	1
25	ACCESS PANEL	20-1747A18	1		-	ROCKER SWITCH	32-0732	1
26	LOCKWASHER	29-0007	4		-	DECAL SET - 2503 & 3004	71-3002	1

*MUST ORDER IN ONE FOOT LENGTHS

UNIT ASSEMBLY (AFTER SERIAL #15174501)



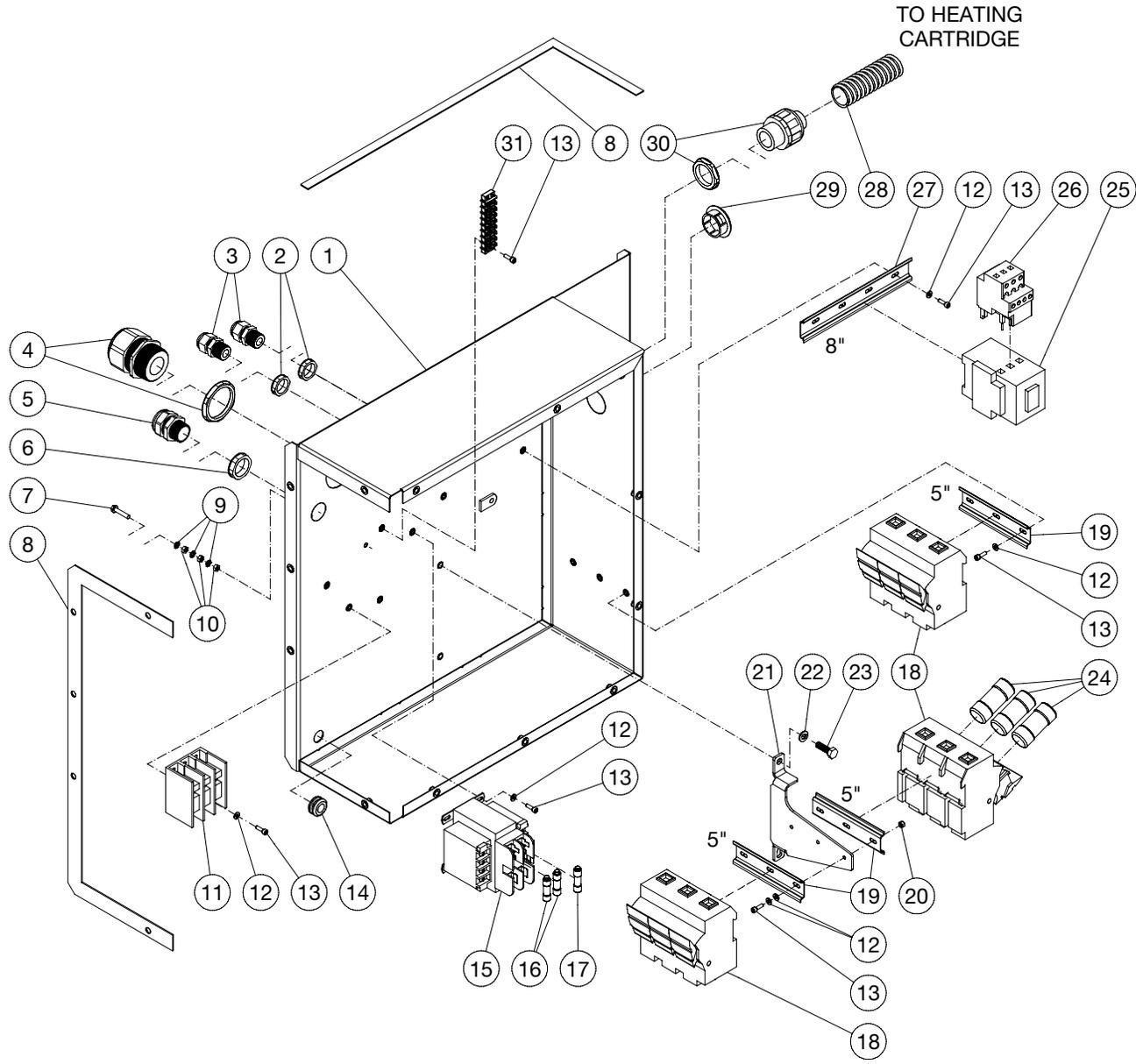
DH-2503_3004 UNIT ASSEMBLY 121025

UNIT ASSEMBLY (AFTER SERIAL #15174501)

DH-2503_3004 UNIT ASSEMBLY 121025							
UNIT ASSEMBLY							
ITEM	DESCRIPTION	PART #	QTY	ITEM	DESCRIPTION	PART #	QTY
1	20" HP HOSE	15-0368	1	28	LOCKWASHER	29-0007	4
2	CAP PLATE	20-1483A18	1	29	WASHER	28-0022	4
3	BOLT	27-1200	88	30	INLET PLUMBING ASSY	N/A	1
4	CORD *(FOUR FEET REQUIRED)	32-1202	1	31	OUTLET PLUMBING ASSY	N/A	1
5	CORD GRIP	32-1201	1	32	ELEC BOX ASSY	N/A	1
6	BRACKET - CW MOUNT	20-1482A18	2	33	BASE FRAME	20-1452A18	1
7	DH PRESSURE UNIT ASSY DEALER EXCL	N/A	1	34	BOLT	27-0015	12
8	ACCESS PANEL	20-1552A18	2	35	DECAL	N/A	1
9	JUNCTION BOX	20-1461A18	1	36	DECAL - LOGO	N/A	1
10	GASKET SET	26-0405	1	37	E-BOX COVER PANEL	20-1459A18	1
11	NUT	30-0002	2	38	FRONT PANEL	20-1455A18	1
12	LOCKWASHER	29-0006	14	39	ELBOW	24-0092	1
13	DECAL- GROUND PICTORIAL (SEE 71-3002)	34-0889	1	40	ADAPTER	24-0366	1
14	LOCKNUT	30-0157	2	41	QUICK CONNECT SOCKET	17-0029	1
15	WASHER	28-0003	4	42	PLASTIC ZIPLOCK BAG	41-0184	1
16	BOLT	27-0067	6	43	DECAL - CAUT: HOT SUR/HOT DIS E/S	N/A	1
17	COVER PLATE	20-1668A18	1	44	REDUCER BUSHING	23-0016	3
18	PANEL - BACK	20-1458A18	1	45	ADAPTER	23-0365	2
19	COVER PLATE	20-1462A18	1	46	DECAL - OUTLET	N/A	1
20	STRAIN RELIEF	32-0437	1	47	DECAL - INLET (E/S)	N/A	1
21	CORD RELIEF	9-0046	1	48	DECAL - DATA PLATE	N/A	1
22	ELECTRICAL LOCKNUT	32-0108	1	49	ADJUSTABLE THERMOSTAT	32-0734	1
23	ELECTRICAL LOCKNUT	32-0292	1	50	NIPPLE	24-0002	2
24	SECONDARY BODY PANEL	20-1454A18	1	51	24.5" HP HOSE	15-0254	2
25	3004 CARTRIDGE PLUMBING	N/A	1	52	DECAL - CONTROL PANEL	N/A	1
-	2503 CARTRIDGE PLUMBING	N/A	1	53	ROCKER SWITCH (2503/3004)	32-0731	1
26	PRIMARY BODY PANEL	20-1453A18	1	-	ROCKER SWITCH (HX-0298)	32-0732	1
27	ACCESS PANEL	20-1747A18	1	-	DECAL SET - 2503 & 3004	71-3002	1

*MUST ORDER IN ONE FOOT LENGTHS

UNIT ELECTRIC BOX ASSEMBLY (BEFORE SERIAL #15174501)

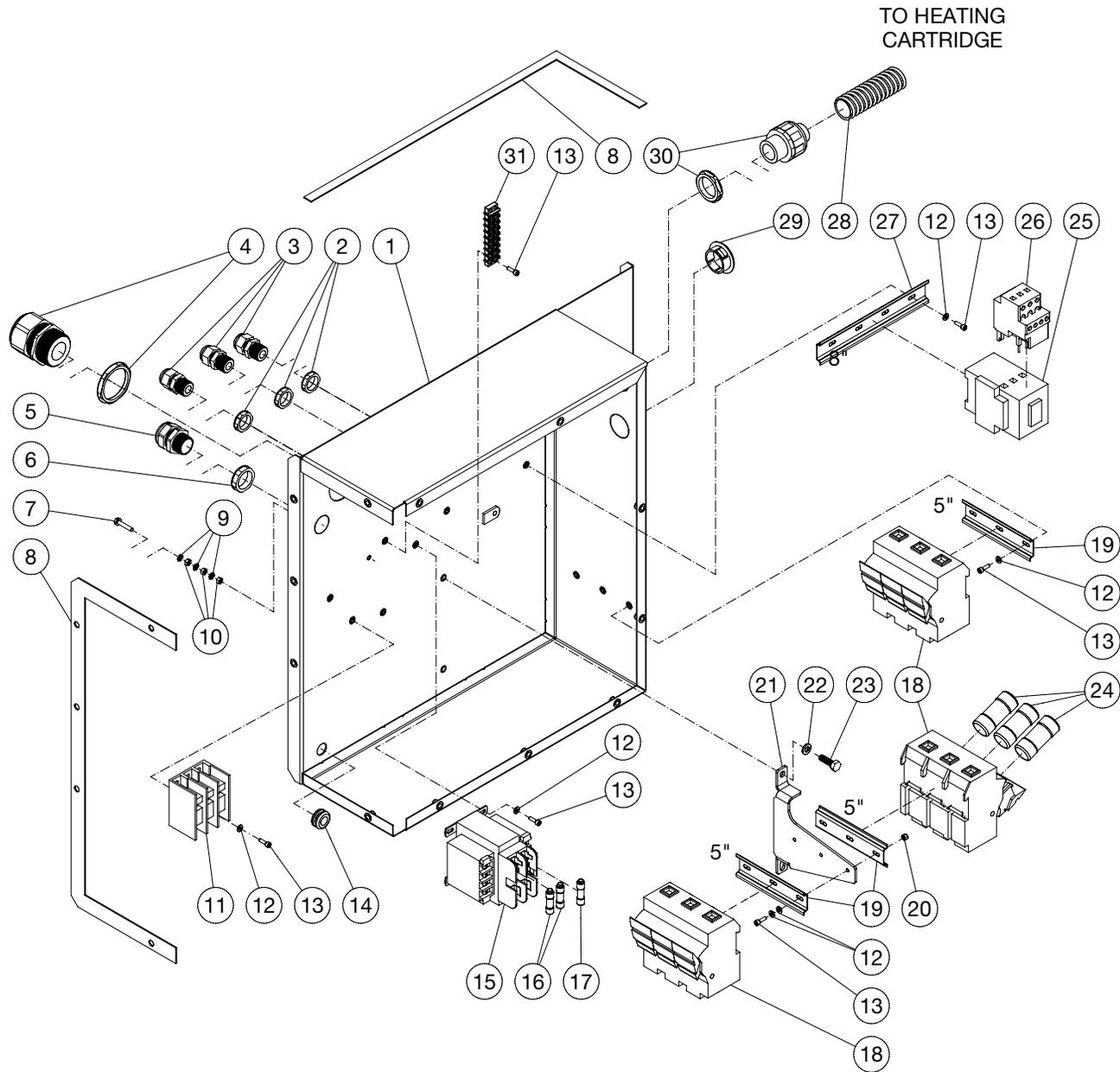


GHE-2503_3004-3460 E-BOX ASSEMBLY 103123

UNIT ELECTRIC BOX ASSEMBLY (BEFORE SERIAL #15174501)

GHE-2503_3004-3460 E-BOX ASSEMBLY 103123			
UNIT ELECTRIC BOX ASSEMBLY			
ITEM	TITLE	PART #	QTY
1	ELECTRIC PANEL	20-1456A18	1
2	ELECTRICAL LOCKNUT	32-0108	2
3	STRAIN RELIEF	32-0437	2
4	CORD GRIP	32-1201	1
5	CORD RELIEF	9-0046	1
6	ELECTRICAL LOCKNUT	32-0292	1
7	BOLT	27-8807	1
8	GASKET SET	26-0405	1
9	STAR WASHER	28-1009	3
10	NUT	30-6001	3
11	POWER BLOCK 3-POLE	32-0905	1
12	WASHER (3004)	28-0010	15
-	WASHER (2503)	28-0010	12
13	SCREW (3004)	27-8835	14
-	SCREW (2503)	27-8835	11
14	GROMMET	33-0001	1
15	TRANSFORMER	32-0735	1
16	FUSE	32-0467	2
17	FUSE	32-0470	1
18	FUSE HOLDER (3004)	32-1199	3
-	FUSE HOLDER (2503)	32-1199	2
19	DIN RAIL *(TWO FEET REQUIRED) (3004)	32-0316	3
-	DIN RAIL *(ONE FOOT REQUIRED) (2503)	32-0316	2
20	NUT	30-3158	3
21	FUSE HOLDERS	20-1460A18	1
22	LOCKWASHER	29-0007	2
23	BOLT	27-0067	2
24	FUSE (3004)	32-1200	9
-	FUSE (2503)	32-1200	6
25	CONTACTOR 45 AMP (3004)	32-0328	3
-	CONTACTOR-45 AMP (2503)	32-0328	2
26	OVERLOAD (3004)	32-1073	3
-	OVERLOAD (2503)	32-1073	2
27	DIN RAIL *(ONE FOOT REQUIRED)	32-0316	1
28	CONDUIT FLEX *(TEN FEET REQUIRED) (3004)	32-0908	3
-	CONDUIT FLEX *(SIX FEET REQUIRED) (2503)	32-0908	2
29	HEYCO PLUG (2503)	39-0393	1
30	STRAIGHT CONDUIT FITTING (3004)	32-0996	3
-	STRAIGHT CONDUIT FITTING (2503)	32-0996	2
31	TERMINAL STRIP	32-0436	1
*MUST ORDER IN ONE FOOT LENGTHS			

UNIT ELECTRIC BOX ASSEMBLY (AFTER SERIAL #15174501)

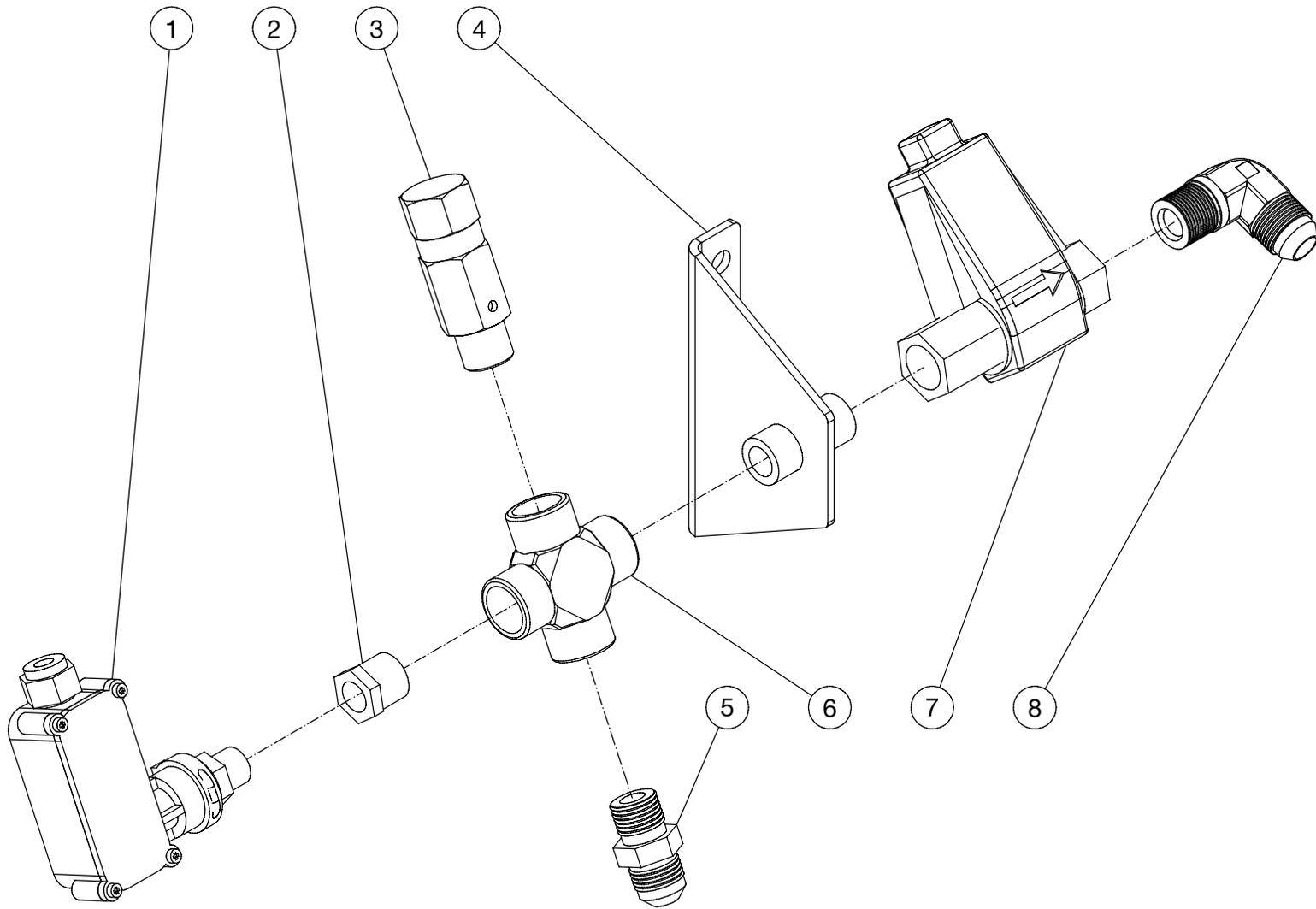


GHE-2503_3004-3460 E-BOX ASSEMBLY 121025

UNIT ELECTRIC BOX ASSEMBLY (AFTER SERIAL #15174501)

GHE-2503_3004-3460 E-BOX ASSEMBLY 121025							
UNIT ELECTRIC BOX ASSEMBLY							
ITEM	TITLE	PART #	QTY	ITEM	TITLE	PART #	QTY
1	ELECTRIC PANEL	20-1456A18	1	19	DIN RAIL *(TWO FEET REQUIRED) (3004)	32-0316	3
2	ELECTRICAL LOCKNUT	32-0108	3	-	DIN RAIL *(ONE FOOT REQUIRED) (2503)	32-0316	2
3	STRAIN RELIEF	32-0437	3	20	NUT	30-3158	3
4	CORD GRIP	32-1201	1	21	FUSE HOLDERS	20-1460A18	1
5	CORD RELIEF	9-0046	1	22	LOCKWASHER	29-0007	2
6	ELECTRICAL LOCKNUT	32-0292	1	23	BOLT	27-0067	2
7	BOLT	27-8807	1	24	FUSE (3004)	32-1200	9
8	GASKET SET	26-0405	1	-	FUSE (2503)	32-1200	6
9	STAR WASHER	28-1009	3	25	CONTACTOR 45 AMP (3004)	32-0328	3
10	NUT	30-6001	3	-	CONTACTOR-45 AMP (2503)	32-0328	2
11	POWER BLOCK 3-POLE	32-0905	1	26	OVERLOAD (3004)	32-1073	3
12	WASHER (3004)	28-0010	15	-	OVERLOAD (2503)	32-1073	2
-	WASHER (2503)	28-0010	12	27	DIN RAIL *(ONE FOOT REQUIRED)	32-0316	1
13	SCREW (3004)	27-8835	14	28	CONDUIT FLEX *(TEN FEET REQUIRED) (3004)	32-0908	3
-	SCREW (2503)	27-8835	11	-	CONDUIT FLEX *(SIX FEET REQUIRED) (2503)	32-0908	2
14	GROMMET	33-0001	1	29	HEYCO PLUG (2503)	39-0393	1
15	TRANSFORMER	32-0735	1	30	STRAIGHT CONDUIT FITTING (3004)	32-0996	3
16	FUSE	32-0467	2	-	STRAIGHT CONDUIT FITTING (2503)	32-0996	2
17	FUSE 5A	32-0470	1	31	TERMINAL STRIP	32-0436	1
18	FUSE HOLDER (3004)	32-1199	3	*MUST ORDER IN ONE FOOT LENGTHS			
-	FUSE HOLDER (2503)	32-1199	2				

INLET PLUMBING ASSEMBLY

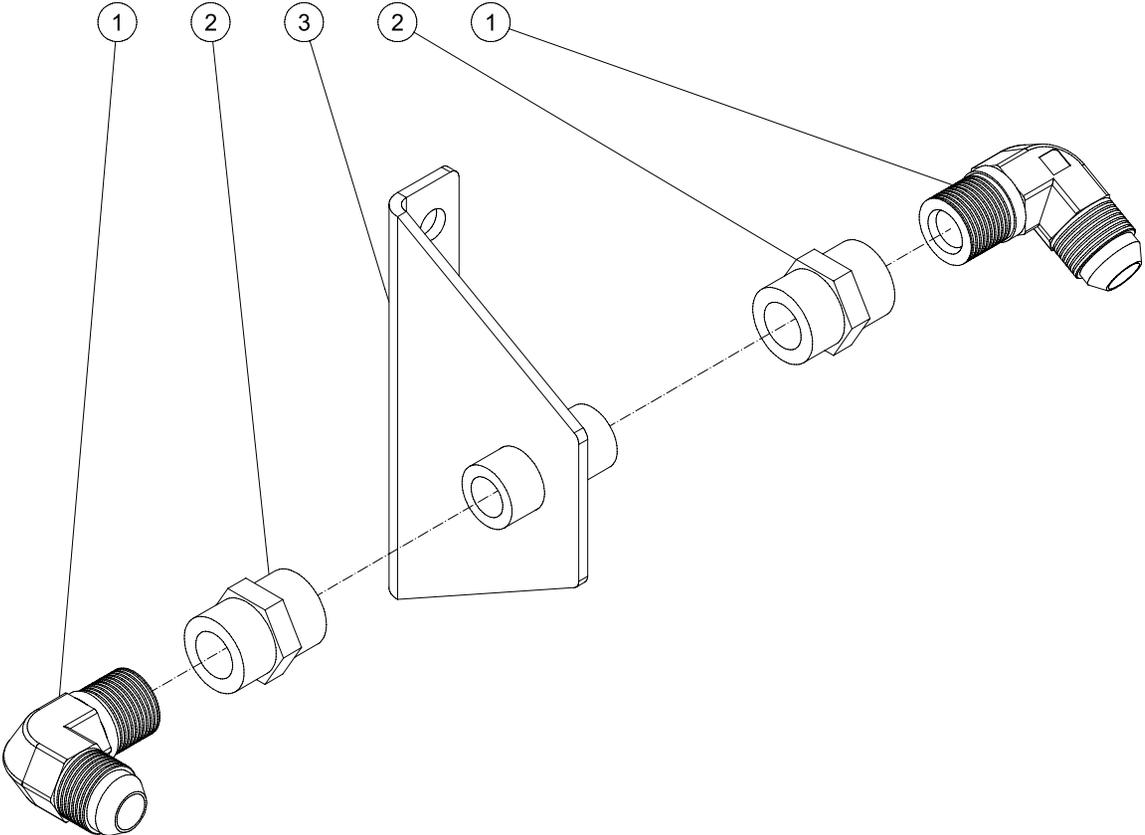


GHE-2503_3004-3460 INLET PLUMBING ASSEMBLY 071818 JRC

INLET PLUMBING ASSEMBLY

GHE-2503_3004 INLET PLUMBING ASSEMBLY 071818 JRC			
INLET PLUMBING			
ITEM	TITLE	PART #	QTY
1	PRESSURE SWITCH	22-0171	1
2	BUSHING	24-0181	1
3	PRESSURE RELIEF VALVE	22-0273	1
4	WATER OUTLET BRACKET	13-0199A18	1
5	NIPPLE	24-0002	1
6	STEEL CROSS	24-0001	1
7	FLOW SWITCH	22-0348	1
8	ELBOW	24-0092	1

OUTLET PLUMBING ASSEMBLY

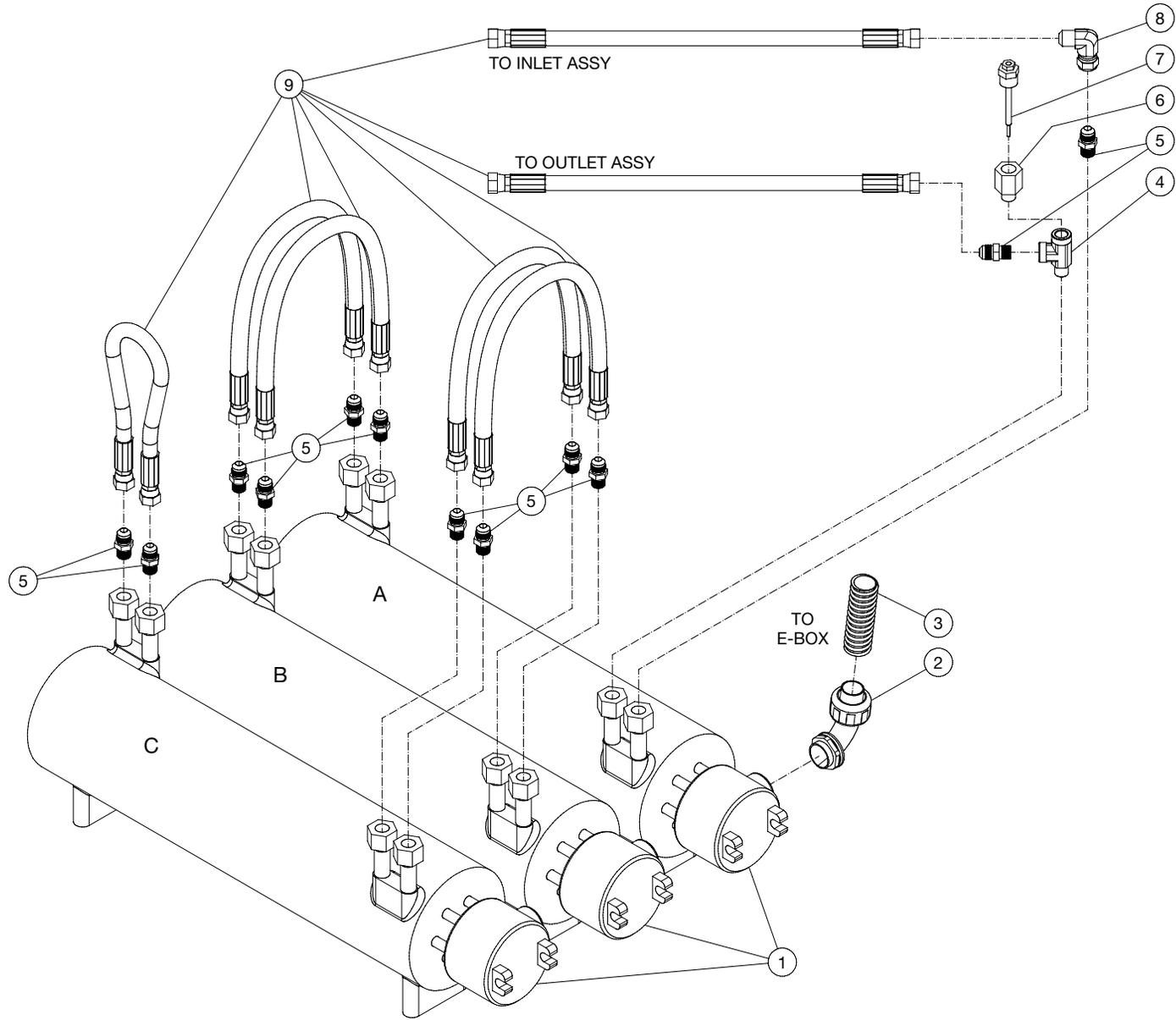


GHE-2503_3004-3460 OUTLET PLUMBING ASSEMBLY 042116 JDK

OUTLET PLUMBING ASSEMBLY

GHE-2503_3004-3460 OUTLET PLUMBING ASSEMBLY 042116 JDK			
OUTLET PLUMBING ASSEMBLY			
ITEM	DESCRIPTION	PART #	QTY
1	ELBOW	24-0092	2
2	COUPLER	23-0077	2
3	WATER OUTLET BRACKET	13-0199A18	1

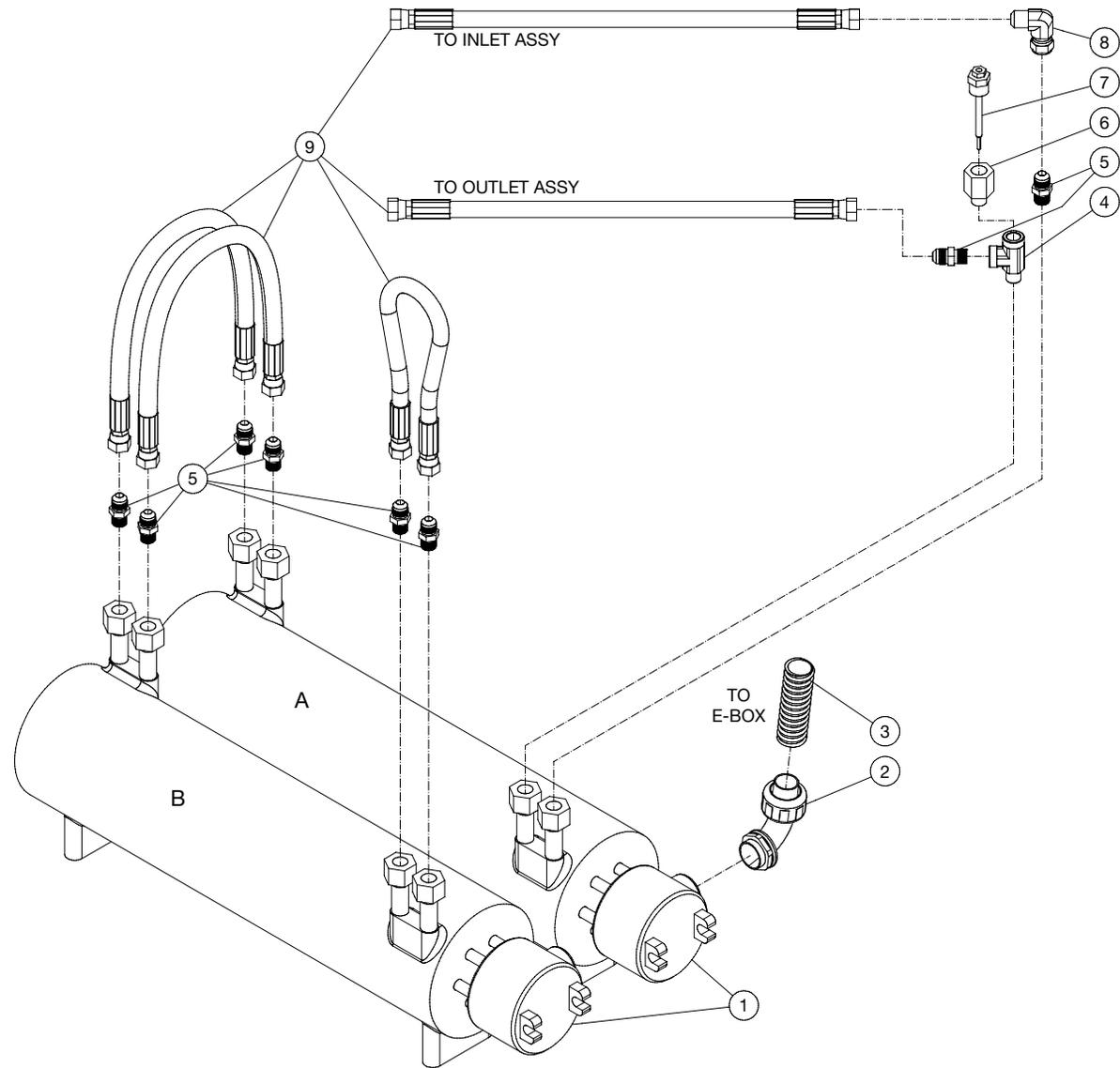
3 CARTRIDGE PLUMBING



3 CARTRIDGE PLUMBING

GHE-3004-3460 CARTRIDGE PLUMBING 080122 SMS			
3 CARTRIDGE PLUMBING			
ITEM	DESCRIPTION	PART #	QTY
1	HEATING CARTRIDGE	32-1188	3
2	CONDUIT ELBOW	32-0907	3
3	CONDUIT FLEX *(TEN FEET REQUIRED)	32-0908	1
4	STREET TEE	23-0058	1
5	NIPPLE	24-0002	12
6	REDUCER	24-0048	1
7	ADJUSTABLE THERMOSTAT	32-0962	1
8	90° ELBOW FITTING	24-0272	1
9	HOSE - 3/8" X 20" 6000PSI R2 BLK	15-0368	7
*MUST ORDER IN ONE FOOT LENGTHS			

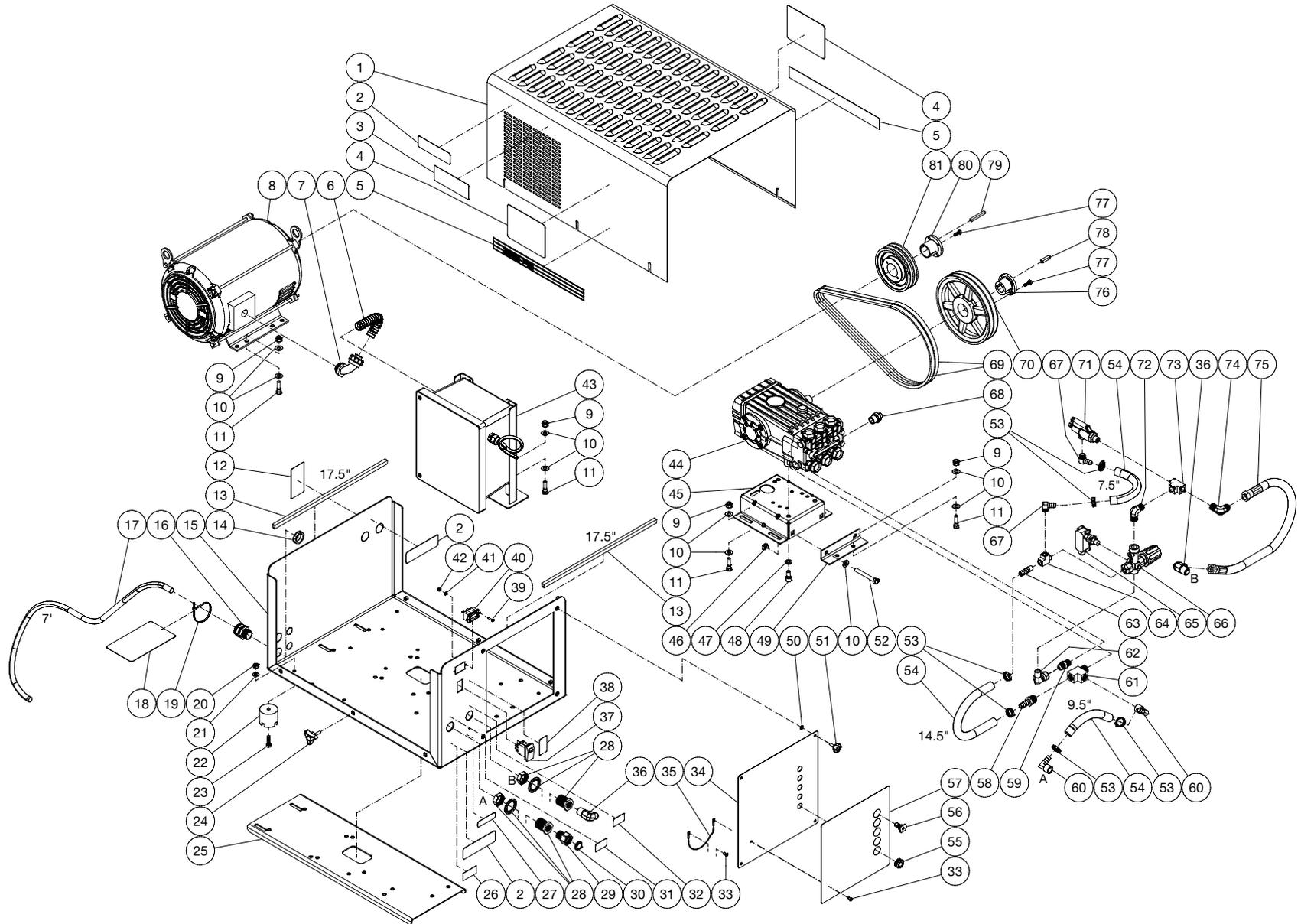
2 CARTRIDGE PLUMBING



2 CARTRIDGE PLUMBING

GHE-2503-3460 CARTRIDGE PLUMBING 080122 SMS			
2 CARTRIDGE PLUMBING			
ITEM	DESCRIPTION	PART #	QTY
1	HEATING CARTRIDGE	32-1188	2
2	CONDUIT ELBOW	32-0907	2
3	CONDUIT FLEX *(SIX REQUIRED)	32-0908	1
4	STREET TEE	23-0058	1
5	NIPPLE	24-0002	8
6	REDUCER	24-0048	1
7	ADJUSTABLE THERMOSTAT	32-0962	1
8	90° ELBOW FITTING	24-0272	1
9	HOSE - 3/8" X 20" 6000PSI R2 BLK	15-0368	5
*MUST ORDER IN ONE FOOT LENGTHS			

CW UNIT ASSEMBLY (BEFORE SERIAL #15131522)



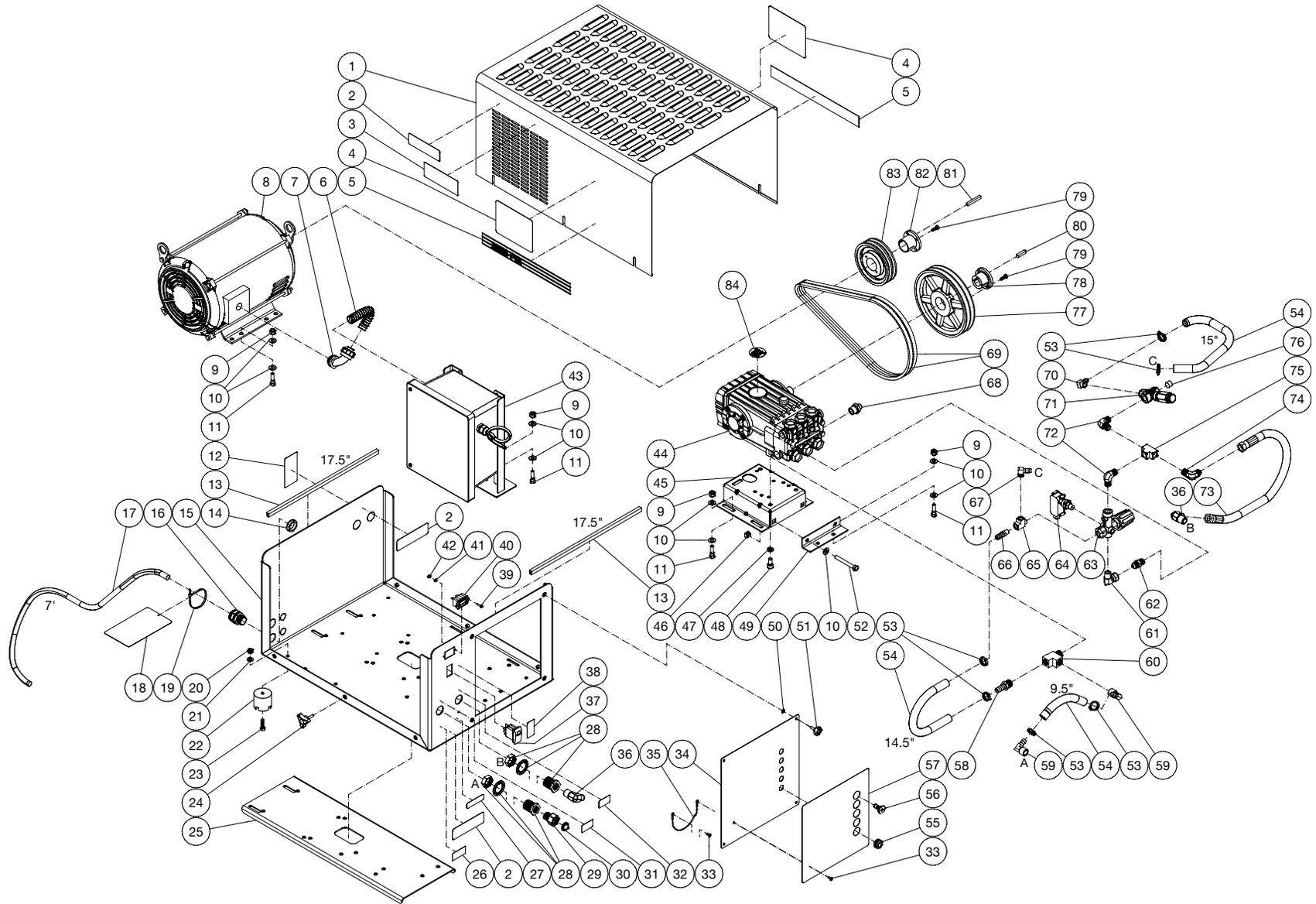
DH-2503_3004-AE0E4G CW UNIT ASSEMBLY 073018 JJR

CW UNIT ASSEMBLY (BEFORE SERIAL #15131522)

UNIT ASSEMBLY								
ITEM	DESCRIPTION	PART #	QTY		ITEM	DESCRIPTION	PART #	QTY
1	HOOD	21-0195	1		47	LOCKWASHER	29-0055	4
2	DECAL - RISK OF INJURY	N/A	3		48	BOLT	27-8471	4
3	DECAL-CAUT: HOT SUR/HOT DIS E/S	N/A	1		49	TENSION BRACKET	20-0584A18	1
4	DECAL - LOGO	N/A	2		50	WASHER	28-1045	4
5	DECAL - 14" STRIPE (3004)	N/A	2		51	KNOB	62-0057	4
-	DECAL - 14" STRIPE (2503)	N/A	2		52	BOLT	27-0576	2
6	CONDUIT (3004) *(TWO FEET REQUIRED)	32-0486	1		53	HOSE CLAMP	42-0011	6
-	CONDUIT (2503) *(TWO FEET REQUIRED)	32-0486	1		54	HOSE *(TWO FEET REQUIRED)	15-0007	1
7	CONDUIT ELBOW	32-0487	1		55	GROMMET	33-0002	5
8	MOTOR - 8HP (3004)	2-0110	1		56	NOZZLE (3004)	18-0402	1
-	MOTOR - 6HP (2503)	2-0091	1		-	NOZZLE (2503)	18-0392	1
9	NUT	30-5159	13		-	NOZZLE (3004)	18-0403	1
10	WASHER	28-0123	28		-	NOZZLE (2503)	18-0393	1
11	BOLT	27-9563	13		-	NOZZLE (3004)	18-0404	1
12	DECAL- SILVER STICKER	N/A	1		-	NOZZLE (2503)	18-0395	1
13	EDGING *(THREE FEET REQUIRED)	33-0020	1		-	NOZZLE (3004)	18-0405	1
14	ELECTRICAL LOCKNUT	32-0292	1		-	NOZZLE (2503)	18-0396	1
15	FRAME	21-0193	1		57	DECAL - SERVICE PANEL	N/A	1
16	CORD RELIEF	9-0046	1		58	BARB	23-0045	1
17	CORD	32-0025	1		59	NIPPLE	24-0002	1
18	TAG - WARNING RISK OF ELECTROCUTION	34-1035	1		60	HOSE BARB	23-0418	2
19	CABLE TIE	33-0022	1		-		15-0007	1
20	LOCKNUT	30-5158	4		61	TEE	23-0124	1
21	WASHER	28-0122	4		62	ELBOW	24-0046	1
22	ISOLATOR	14-0008	4		63	HOSE BARB	23-0120	1
23	BOLT	27-5024	4		64	TEE	23-0127	1
24	KNOB	7-0168	6		65	PRESSURE SWITCH	22-0171	1
25	PLATE (3004)	21-0240	1		66	UNLOADER	8-0361	1
26	DECAL - MADE IN USA	34-3553	1		67	ELBOW	23-0119	2
27	DECAL - WARNING POTABLE WATER (E/S)	N/A	1		68	RELIEF VALVE	22-0371	1
28	ADAPTER	23-0365	2		69	BELT (3004)	11-0005	2
29	SWIVEL	23-0095	1		-	BELT (2503)	11-0031	2
30	FILTER	19-0001	1		70	SHEAVE (3004)	10-0007	1
31	DECAL - INLET (E/S)	N/A	1		-	SHEAVE (2503)	10-0104	1
32	DECAL - OUTLET	N/A	1		71	REGULATING VALVE	22-0501	1
33	RIVET	53-0009	2		-	BYPASS HOSE	15-0007	1
34	SERVICE PANEL	21-0194	1		72	ELBOW	24-0131	1
35	LANYARD	33-0424	1		73	TEE	23-0041	1
36	90° ELBOW FITTING	24-0074	2		74	ELBOW	24-0092	1
37	SWITCH	32-0801	1		75	HOSE	15-0221	1
38	DECAL - ON/OFF	N/A	1		76	BUSHING	9-0017	1
39	SCREW	27-8881	2		77	BOLT	27-0015	4
40	HOOR METER	32-0668	1		78	KEY	43-0048	1
41	STAR WASHER	28-1009	2		79	KEY	43-0078	1
42	NUT	30-0052	2		80	BUSHING (3004)	9-0008	1
43	ELECTRIC BOX ASSY	N/A	1		-	BUSHING (2503)	9-0010	1
44	PUMP (3004)	3-0202	1		81	SHEAVE (3004)	10-0041	1
-	PUMP (2503)	3-0203	1		-	SHEAVE (2503)	10-0067	1
45	PUMP HAT	5-0153A18	1		-	DECAL SET (3004)	71-3001	1
46	CLIP NUT	30-6025	2		-	DECAL SET (2503)	71-3000	1

*MUST ORDER IN ONE FOOT LENGTHS

CW UNIT ASSEMBLY (BETWEEN SERIAL #15131522 - #15155258)



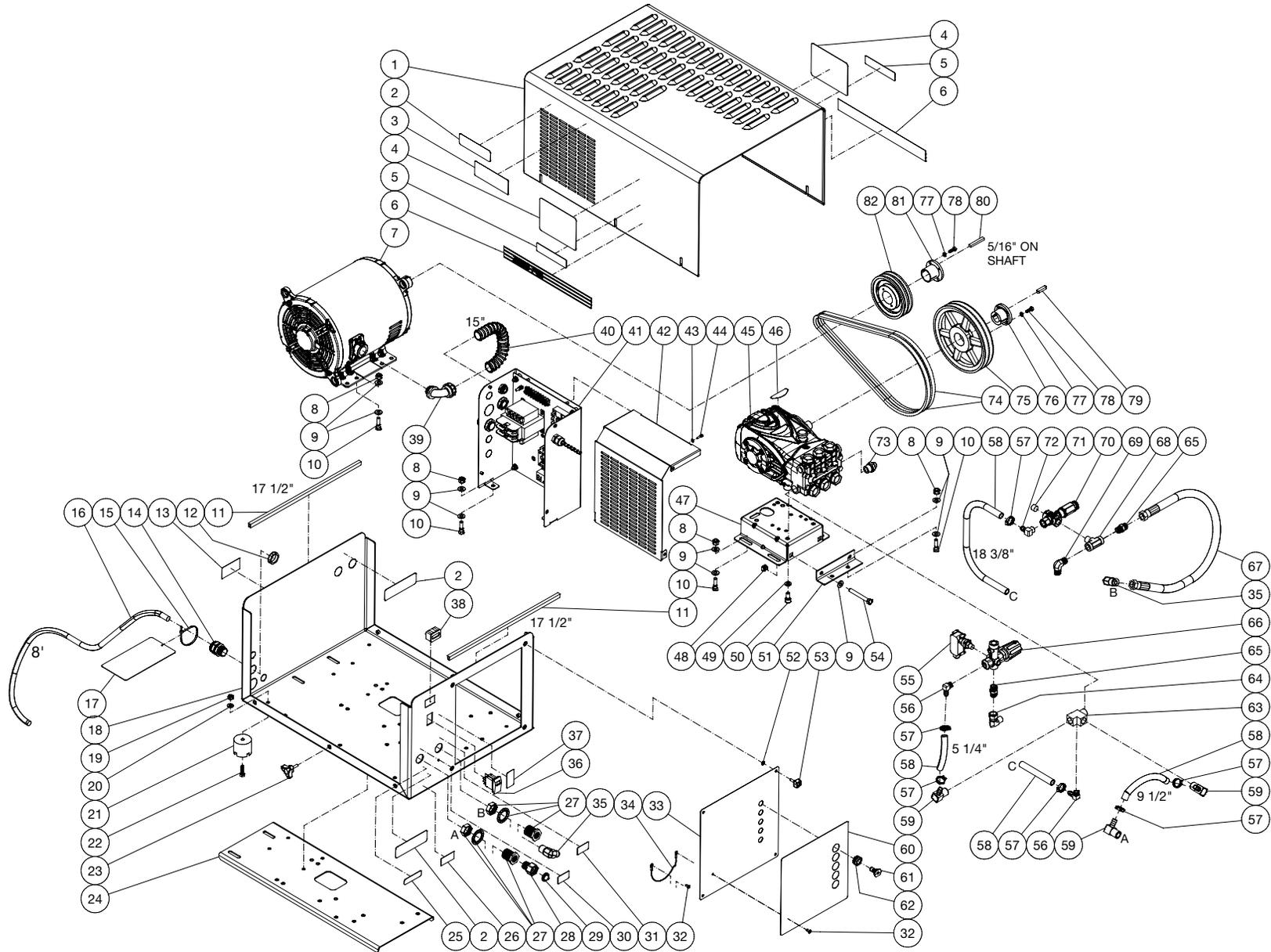
DH-2503_3004-AE0E4G CW UNIT ASSEMBLY 042519 JRC

CW UNIT ASSEMBLY (BETWEEN SERIAL #15131522 to #15155258)

CW UNIT ASSEMBLY					DH-2503_3004-AE0E4G CW UNIT ASSEMBLY 042519 JRC				
ITEM	TITLE	PART #	QTY		ITEM	TITLE	PART #	QTY	
1	HOOD	21-0195	1		48	BOLT	27-8471	4	
2	DECAL - RISK OF INJURY (E/S) (SEE 71-3000/71-3001)	N/A	3		49	TENSION BRACKET	20-0584A18	1	
3	DECAL - CAUT:HOT SUR/HOT DIS E/S (SEE 71-3000/71-3001)	N/A	1		50	WASHER	28-1045	4	
4	DECAL - LOGO (SEE 71-3000/71-3001)	N/A	2		51	KNOB	62-0057	4	
5	DECAL - 14" STRIPE (3004) (SEE 71-3001)	N/A	2		52	BOLT	27-0576	2	
-	DECAL - 14" STRIPE (2503) (SEE 71-3000)	N/A	2		53	HOSE CLAMP	42-0011	6	
6	CONDUIT *(TWO FEET REQUIRED) (3004)	32-0486	1		54	HOSE *(FOUR FEET REQUIRED)	15-0007	1	
-	CONDUIT *(TWO FEET REQUIRED) (2503)	32-0486	1		55	GROMMET	33-0001	5	
7	CONDUIT ELBOW	32-0487	1		56	NOZZLE (3004)	18-0402	1	
8	MOTOR - 8HP (3004)	2-0110	1		-	NOZZLE (3004)	18-0403	1	
-	MOTOR - 6HP (2503)	2-0091	1		-	NOZZLE (3004)	18-0404	1	
9	NUT	30-5159	13		-	NOZZLE (3004)	18-0405	1	
10	WASHER	28-0123	28		-	NOZZLE (2503)	18-0392	1	
11	BOLT	27-9563	13		-	NOZZLE (2503)	18-0393	1	
12	DECAL - SILVER STICKER	N/A	1		-	NOZZLE (2503)	18-0395	1	
13	EDGING *(THREE FEET REQUIRED)	33-0020	1		-	NOZZLE (2503)	18-0396	1	
14	ELECTRICAL LOCKNUT	32-0292	1		57	DECAL - SERVICE PANEL (SEE 71-3000/71-3001)	N/A	1	
15	FRAME	21-0193	1		58	BARB	23-0045	1	
16	CORD RELIEF	9-0046	1		59	HOSE BARB	23-0418	2	
17	CORD *(SEVEN FEET REQUIRED)	32-0025	1		60	TEE	23-0124	1	
18	TAG - WARNING RISK OF ELECTROCUTION	34-1035	1		61	ELBOW	24-0046	1	
19	CABLE TIE	33-0022	1		62	NIPPLE	24-0002	1	
20	LOCKNUT	30-5158	4		63	UNLOADER	8-0361	1	
21	WASHER	28-0122	4		64	PRESSURE SWITCH	22-0171	1	
22	ISOLATOR	14-0008	4		65	TEE	23-0127	1	
23	BOLT	27-5024	4		66	HOSE BARB	23-0120	1	
24	KNOB	7-0168	6		67	ELBOW	23-0119	1	
25	PLATE (3004)	21-0240	1		68	RELIEF VALVE	22-0371	1	
26	DECAL - MADE IN USA	34-3553	1		69	BELT (3004)	11-0005	2	
27	DECAL - WARNING POTABLE WATER (E/S) (SEE 71-3000/71-3001)	N/A	1		-	BELT (2503)	11-0031	1	
28	ADAPTER	23-0365	2		70	ELBOW	23-0050	1	
29	SWIVEL	23-0095	1		71	REGULATING VALVE	22-0507	1	
30	FILTER	19-0001	1		72	ELBOW	24-0131	2	
31	DECAL - INLET (SEE 71-3000/71-3001)	N/A	1		73	HOSE	15-0221	1	
32	DECAL - OUTLET (SEE 71-3000/71-3001)	N/A	1		74	ELBOW	24-0092	1	
33	RIVET	53-0009	2		75	TEE	23-0041	1	
34	SERVICE PANEL	21-0194	1		76	PLUG	23-0244	1	
35	LANYARD	33-0424	1		77	SHEAVE (3004)	10-0007	1	
36	90° ELBOW FITTING	24-0074	2		-	SHEAVE (2503)	10-0104	1	
37	SWITCH	32-0801	1		78	BUSHING	9-0017	1	
38	DECAL - ON/OFF (SEE 71-3000/71-3001)	N/A	1		79	BOLT	27-0015	4	
39	SCREW	27-8881	2		80	KEY	43-0048	1	
40	HOOR METER	32-0668	1		81	KEY	43-0174	1	
41	STAR WASHER	28-1009	2		82	BUSHING (3004)	9-0008	1	
42	NUT	30-0052	2		-	BUSHING (2503)	9-0010	1	
43	ELECTRIC BOX ASSY	CW UNIT E-BOX ASSY	1		83	SHEAVE (3004)	10-0041	1	
44	PUMP (3004)	3-0202	1		-	SHEAVE (2503)	10-0067	1	
-	PUMP (2503)	3-0203	1		84	DECAL - PUMP (3004) (SEE 71-3001)	N/A	1	
45	PUMP HAT	5-0153A18	1		-	DECAL - PUMP (2503) (SEE 71-3000)	N/A	1	
46	CLIP NUT	30-6025	2		-	DECAL SET (3004)	71-3001	1	
47	LOCKWASHER	29-0055	4		-	DECAL SET (2503)	71-3000	1	

*MUST ORDER IN ONE FOOT LENGTHS

CW UNIT ASSEMBLY (BETWEEN SERIAL #15155258 - #15174501)



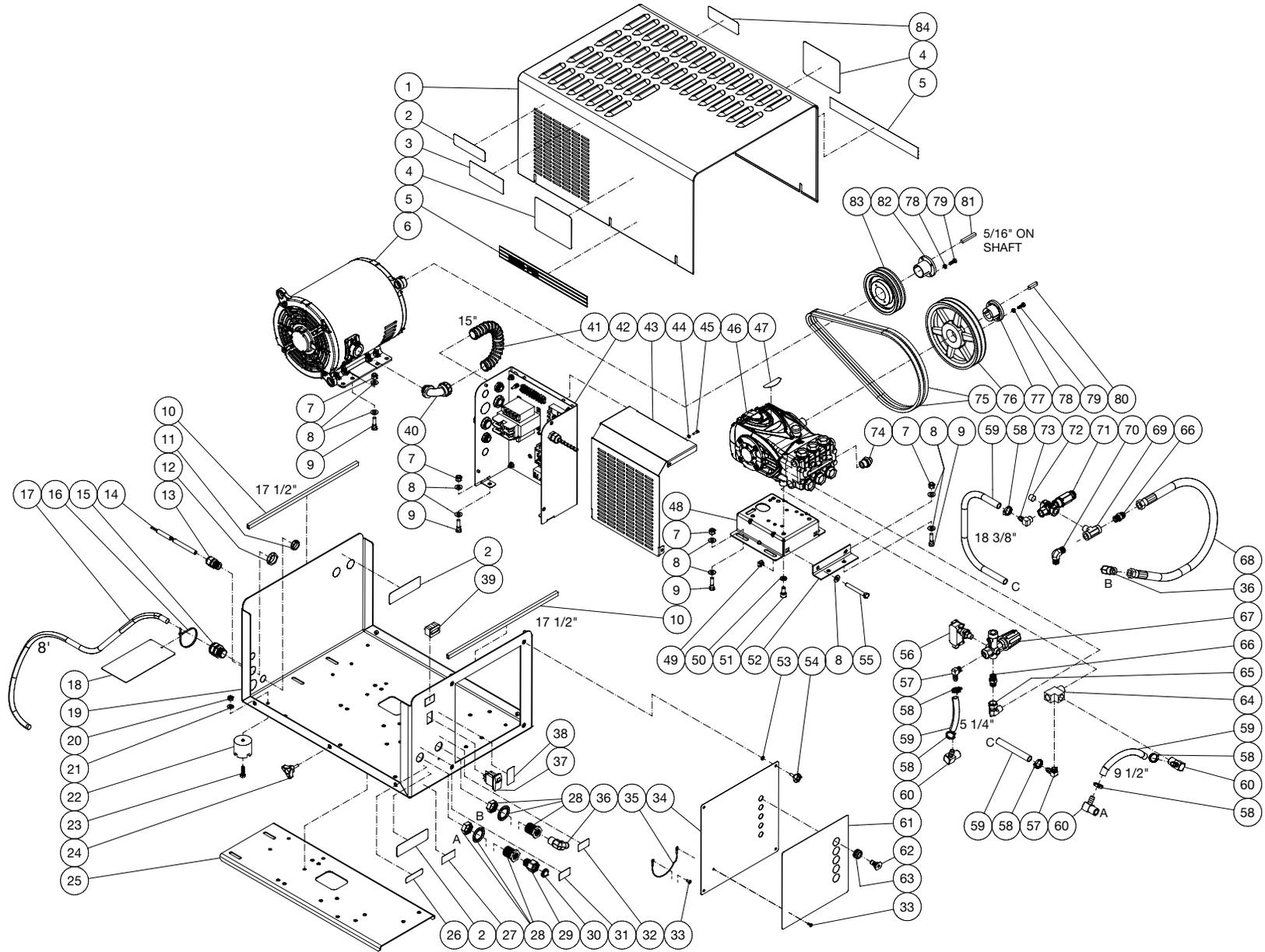
DH-2503_3004 CW UNIT ASSEMBLY 031025

CW UNIT ASSEMBLY (BETWEEN SERIAL #15155258 - #15174501)

CW UNIT ASSEMBLY				DH-2503_3004 CW UNIT ASSEMBLY 031025			
ITEM	TITLE	PART #	QTY	ITEM	TITLE	PART #	QTY
1	HOOD	21-0337	1	47	PUMP HAT	5-0153A18	1
2	DECAL - RISK OF INJURY (E/S) (SEE 71-3000 OR 71-3001)	N/A	3	48	CLIP NUT	30-6025	2
3	DECAL-CAUT:HOT SUR/HOT DIS E/S (SEE 71-3000 OR 71-3001)	N/A	1	49	LOCKWASHER	29-0055	4
4	DECAL - LOGO (SEE 71-3000 OR 71-3001)	N/A	2	50	BOLT	27-8471	4
5	DECAL - 3000 PSI (SEE 71-3001)	N/A	2	51	TENSION BRACKET	20-0584A18	1
-	DECAL-2500 PSI (SEE 71-3000)	N/A	2	52	WASHER	28-1045	4
6	DECAL - STRIPE (SEE 71-3000 OR 71-3001)	N/A	2	53	KNOB	62-0057	4
7	MOTOR - 8HP (3004)	2-0210	1	54	BOLT	27-0576	2
-	MOTOR - 6HP (2503)	2-0208	1	55	PRESSURE SWITCH	22-0171	1
8	NUT	30-5159	13	56	ELBOW	23-0119	2
9	WASHER	28-0123	28	57	HOSE CLAMP	42-0011	6
10	BOLT	27-9563	13	58	HOSE *(THREE FEET REQUIRED)	15-0007	1
11	EDGING *(THREE FEET REQUIRED)	33-0020	1	59	ELBOW	23-0053	3
12	ELECTRICAL LOCKNUT	32-0292	1	60	DECAL - SERVICE PANEL (SEE 71-3000 OR 71-3001)	N/A	1
13	DECAL	-	1	61	NOZZLE 00045 QC (3004)	18-0402	1
14	CORD RELIEF	9-0046	1	-	NOZZLE (3004)	18-0403	1
15	CABLE TIE	33-0022	1	-	NOZZLE (3004)	18-0404	1
16	CORD *(EIGHT FEET REQUIRED)	32-0025	1	-	NOZZLE (3004)	18-0405	1
17	TAG - WARNING RISK OF ELECTROCUTION	N/A	1	-	NOZZLE (2503)	18-0392	1
18	FRAME	21-0193	1	-	NOZZLE (2503)	18-0393	1
19	LOCKNUT	30-5158	4	-	NOZZLE (2503)	18-0395	1
20	WASHER	28-0122	4	-	NOZZLE (2503)	18-0396	1
21	ISOLATOR	14-0008	4	62	GROMMET	33-0001	5
22	BOLT	27-5024	4	63	STREET TEE	23-0388	1
23	KNOB	7-0168	6	64	ELBOW	24-0046	1
24	PLATE (3004)	21-0240	1	65	NIPPLE	24-0002	2
25	DECAL - WARNING POTABLE WATER (SEE 71-3000 OR 71-3001)	N/A	1	66	UNLOADER	8-0361	1
26	DECAL - MADE IN USA	34-3553	1	67	HOSE	15-0221	1
27	ADAPTER	23-0365	2	68	TEE	24-0184	1
28	SWIVEL	23-0095	1	69	ELBOW	24-0131	1
29	FILTER	19-0001	1	70	REGULATING VALVE	22-0507	1
30	DECAL - INLET (SEE 71-3000 OR 71-3001)	N/A	1	71	PLUG	23-0244	1
31	DECAL - OUTLET (SEE 71-3000 OR 71-3001)	N/A	1	72	ELBOW	23-0050	1
32	RIVET	53-0009	2	73	RELIEF VALVE	22-0371	1
33	SERVICE PANEL	21-0194	1	74	BELT (3004)	11-0005	2
34	LANYARD	33-0424	1	-	BELT (2503)	11-0006	2
35	90 ELBOW FITTING	24-0074	2	75	SHEAVE (3004)	10-0007	1
36	SWITCH (2503/3004)	32-0801	1	-	SHEAVE (2503)	10-0104	1
-	SWITCH (HX-0298)	32-0731	1	76	BUSHING	9-0017	1
37	DECAL - ON/OFF (SEE 71-3000 OR 71-3001)	N/A	1	77	LOCKWASHER	29-0006	4
38	HOUR METER	32-0668	1	78	BOLT	27-0015	4
39	CONDUIT ELBOW	32-0487	1	79	KEY	43-0048	1
40	CONDUIT *(TWO FEET REQUIRED)	32-0486	1	80	KEY (3004)	43-0174	1
41	ELECTRIC BOX ASSEMBLY	N/A	1	-	KEY (2503)	43-0166	1
42	ELECTRIC BOX CAP	20-1637A18	1	81	BUSHING (3004)	9-0008	1
43	WASHER	28-0010	5	-	BUSHING (2503)	9-0010	1
44	SCREW	27-8835	5	82	SHEAVE (3004)	10-0041	1
45	PUMP (3004)	3-0202	1	-	SHEAVE (2503)	10-0067	1
-	PUMP (2503)	3-0203	1	-	DECAL SET (3004)	71-3001	1
46	DECAL - PUMP (SEE 71-3001) (3004)	N/A	1	-	DECAL SET (2503)	71-3000	1
-	DECAL - PUMP (SEE 71-3003) (2503)	N/A	1				

*MUST ORDER IN ONE FOOT LENGTHS

CW UNIT ASSEMBLY (AFTER SERIAL #15174501)



GHE-2503_3004 CW UNIT ASSEMBLY 121025

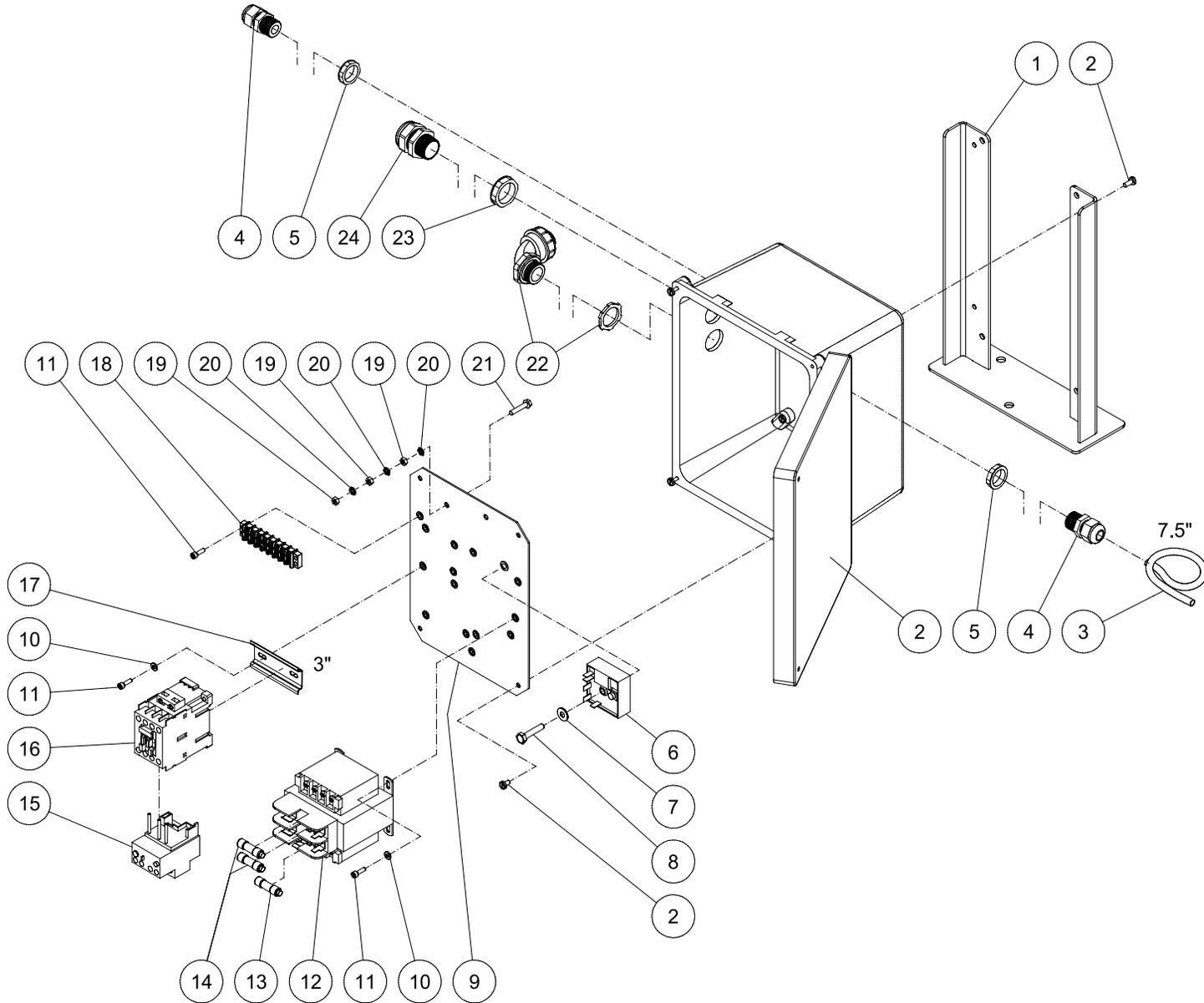
CW UNIT ASSEMBLY (AFTER SERIAL #15174501)

GHE-2503_3004 CW UNIT ASSEMBLY 121025

CW UNIT ASSEMBLY							
ITEM	TITLE	PART #	QTY	ITEM	TITLE	PART #	QTY
1	HOOD	21-0337	1	48	PUMP HAT	5-0153A18	1
2	DECAL - RISK OF INJURY (E/S) (SEE 71-3000 AND 71-3001)	N/A	3	49	CLIP NUT	30-6025	2
3	DECAL - CAUT:HOT SUR/HOT DIS E/S (SEE 71-3000 AND 71-3001)	N/A	1	50	LOCKWASHER	29-0055	4
4	DECAL - LOGO (SEE 71-3000 AND 71-3001)	N/A	2	51	BOLT	27-8471	4
5	DECAL - STRIPE (3004) (SEE 71-3001)	N/A	2	52	TENSION BRACKET	20-0584A18	1
-	DECAL - STRIPE (2503) (SEE 71-3000)	N/A	2	53	WASHER	28-1045	4
6	MOTOR - 8HP (3004)	2-0210	1	54	KNOB	62-0057	4
-	MOTOR - 6HP (2503)	2-0208	1	55	BOLT	27-0576	2
7	NUT	30-5159	13	56	PRESSURE SWITCH	22-0171	1
8	WASHER	28-0123	28	57	ELBOW	23-0119	2
9	BOLT	27-9563	13	58	HOSE CLAMP	42-0011	6
10	EDGING *(THREE FEET REQUIRED)	33-0020	1	59	HOSE *(THREE FEET REQUIRED)	15-0007	1
11	ELECTRICAL LOCKNUT	32-0108	1	60	ELBOW	23-0053	3
12	ELECTRICAL LOCKNUT	32-0292	1	61	DECAL - SERVICE PANEL (SEE 71-3000 AND 71-3001)	N/A	1
13	STRAIN RELIEF	32-0437	1	62	NOZZLE 00045 QC (3004)	18-0402	1
14	CORD *(NINE FEET REQUIRED)	32-0075	1	-	NOZZLE (3004)	18-0403	1
15	CORD RELIEF	9-0046	1	-	NOZZLE (3004)	18-0404	1
16	CABLE TIE	33-0022	1	-	NOZZLE (3004)	18-0405	1
17	CORD *(EIGHT FEET REQUIRED)	32-0025	1	-	NOZZLE (2503)	18-0392	1
18	TAG - WARNING RISK OF ELECTROCUTION	N/A	1	-	NOZZLE (2503)	18-0393	1
19	FRAME	21-0193	1	-	NOZZLE (2503)	18-0395	1
20	LOCKNUT	30-5158	4	-	NOZZLE (2503)	18-0396	1
21	WASHER	28-0122	4	63	GROMMET	33-0001	5
22	ISOLATOR	14-0008	4	64	STREET TEE	23-0388	1
23	BOLT	27-5024	4	65	ELBOW	24-0046	1
24	KNOB	7-0168	6	66	NIPPLE	24-0002	2
25	PLATE (3004)	21-0240	1	67	UNLOADER	8-0361	1
26	DECAL - WARNING POTABLE WATER (SEE 71-3000 AND 71-3001)	N/A	1	68	HOSE	15-0404	1
27	DECAL - MADE IN USA	34-3553	1	69	TEE	24-0184	1
28	ADAPTER	23-0365	2	70	ELBOW	24-0131	1
29	SWIVEL	23-0095	1	71	REGULATING VALVE	22-0507	1
30	FILTER	19-0001	1	72	PLUG	23-0244	1
31	DECAL - INLET (SEE 71-3000 AND 71-3001)	N/A	1	73	ELBOW	23-0050	1
32	DECAL - OUTLET (SEE 71-3000 AND 71-3001)	N/A	1	74	RELIEF VALVE	22-0371	1
33	RIVET	53-0009	2	75	BELT (3004)	11-0005	2
34	SERVICE PANEL	21-0194	1	-	BELT (2503)	11-0006	2
35	LANYARD	33-0424	1	76	SHEAVE (3004)	10-0007	1
36	90° ELBOW FITTING	24-0074	2	-	SHEAVE (2503)	10-0104	1
37	SWITCH	32-0801	1	77	BUSHING	9-0017	1
38	DECAL - ON/OFF (SEE 71-3000 AND 71-3001)	N/A	1	78	LOCKWASHER	29-0006	4
39	HOUR METER	32-0668	1	79	BOLT	27-0015	4
40	CONDUIT ELBOW	32-0487	1	80	KEY	43-0048	1
41	CONDUIT *(TWO FEET REQUIRED)	32-0486	1	81	KEY (3004)	43-0174	1
42	ELECTRIC BOX ASSEMBLY	N/A	1	-	KEY (2503)	43-0166	1
43	ELECTRIC BOX CAP	20-1637A18	1	82	BUSHING (3004)	9-0008	1
44	WASHER	28-0010	5	-	BUSHING (2503)	9-0010	1
45	SCREW	27-8835	5	83	SHEAVE (3004)	10-0041	1
46	PUMP (3004)	3-0202	1	-	SHEAVE (2503)	10-0067	1
-	PUMP (2503)	3-0203	1	84	DECAL - GRAINGER 800# LARGE (SEE 71-3000 AND 71-3001)	N/A	1
47	DECAL - PUMP (3004) (SEE 71-3001)	N/A	1	-	DECAL SET (3004)	71-3001	1
-	DECAL - PUMP (2503) (SEE 71-3000)	N/A	1	-	DECAL SET (2503)	71-3000	1

*MUST ORDER IN ONE FOOT LENGTHS

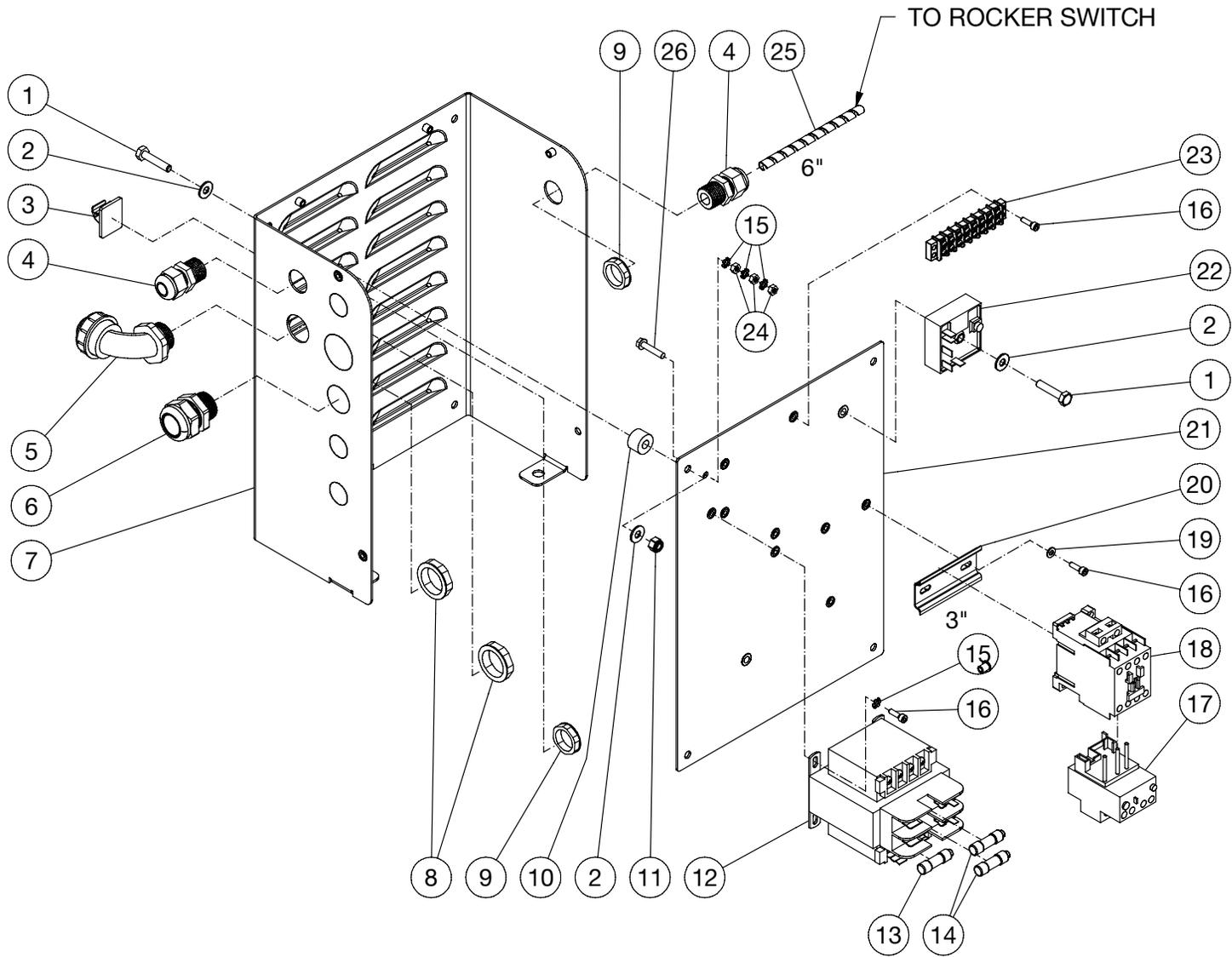
CW ELECTRIC BOX ASSEMBLY (BEFORE SERIAL #15155258)



CW ELECTRIC BOX ASSEMBLY (BEFORE SERIAL #15155258)

GHE-2503_3004 CW UNIT E-BOX ASSEMBLY 082416 JDK			
CW ELECTRIC BOX ASSEMBLY			
ITEM	DESCRIPTION	PART #	QTY
1	BRACKET	13-0227A01	1
2	ELECTRICAL BOX	32-0799	1
3	WRAP *(ONE FOOT REQUIRED)	33-0114	1
4	STRAIN RELIEF	32-0437	2
5	ELECTRICAL LOCKNUT	32-0108	2
6	TIMER SWITCH	32-0800	1
7	WASHER	28-0002	1
8	BOLT	27-0017	1
9	CONTROL PANEL	20-0723A06	1
10	WASHER	28-0010	4
11	SCREW	27-8835	6
12	TRANSFORMER	32-0735	1
13	FUSE	32-0743	1
14	FUSE	32-0467	2
15	OVERLOAD RELAY (3004)	32-0482	1
-	OVERLOAD RELAY (2503)	32-0481	1
16	CONTACTOR (2503)	32-0329	1
-	CONTACTOR (3004)	32-0327	1
17	DIN RAIL *(ONE FOOT REQUIRED)	32-0316	1
18	TERMINAL STRIP	32-0436	1
19	NUT	30-6001	3
20	STAR WASHER	28-1009	3
21	BOLT	27-8807	1
22	CONDUIT ELBOW	32-0487	1
23	ELECTRICAL LOCKNUT	32-0292	1
24	CORD RELIEF	9-0046	1
*MUST ORDER IN ONE FOOT LENGTHS			

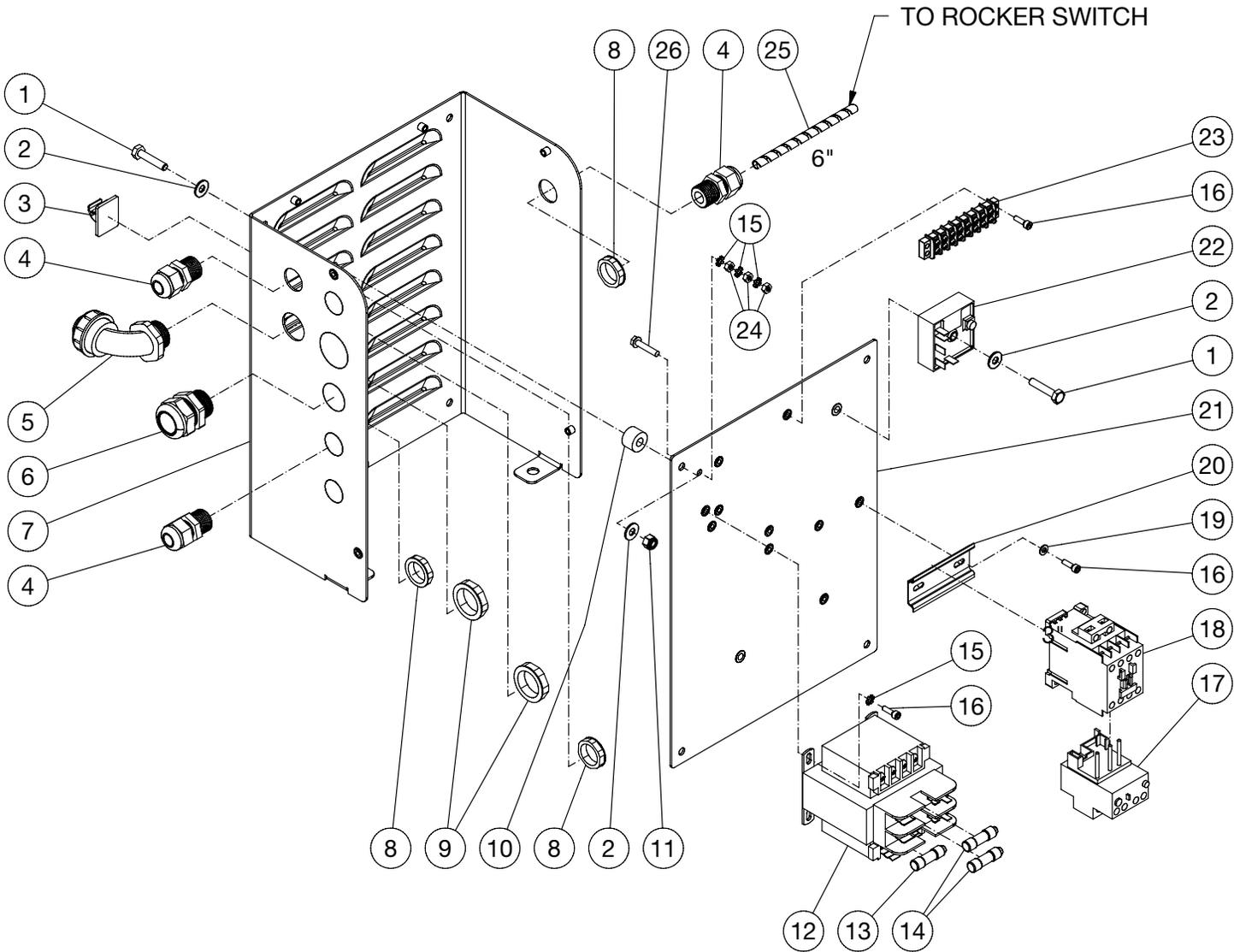
CW ELECTRIC BOX ASSEMBLY (BETWEEN SERIAL #15155258 - #15174501)



CW ELECTRIC BOX ASSEMBLY (BETWEEN SERIAL #15155258 - #15174501)

GHE-2503_3004 CW UNIT E-BOX ASSEMBLY 010322			
CW ELECTRIC BOX ASSEMBLY			
ITEM	TITLE	PART #	QTY
1	BOLT	27-0017	5
2	WASHER	28-0002	9
3	WIRE CLIP	33-0264	1
4	STRAIN RELIEF	32-0437	2
5	CONDUIT ELBOW	32-0487	1
6	CORD RELIEF	9-0046	1
7	ELECTRICAL BOX	20-1601A18	1
8	ELECTRICAL LOCKNUT	32-0292	2
9	ELECTRICAL LOCKNUT	32-0108	2
10	SPACER	33-0431	4
11	LOCKNUT	30-0155	4
12	TRANSFORMER	32-0735	1
13	FUSE	32-0743	1
14	FUSE	32-0467	2
15	STAR WASHER	28-1009	5
16	SCREW	27-8835	6
17	OVERLOAD RELAY (3004)	32-0482	1
-	OVERLOAD (2503)	32-0481	1
18	CONTACTOR	32-0327	1
19	WASHER	28-0010	2
20	DIN RAIL *(ONE FOOT REQUIRED)	32-0316	1
21	CONTROL PANEL BACKPLATE	20-1600A06	1
22	TIMER SWITCH	32-0800	1
23	TERMINAL STRIP	32-0436	1
24	NUT	30-6001	3
25	WRAP *(ONE FOOT REQUIRED)	33-0114	1
26	BOLT	27-8807	1
*MUST ORDER IN ONE FOOT LENGTHS			

CW ELECTRIC BOX ASSEMBLY (AFTER SERIAL #15174501)

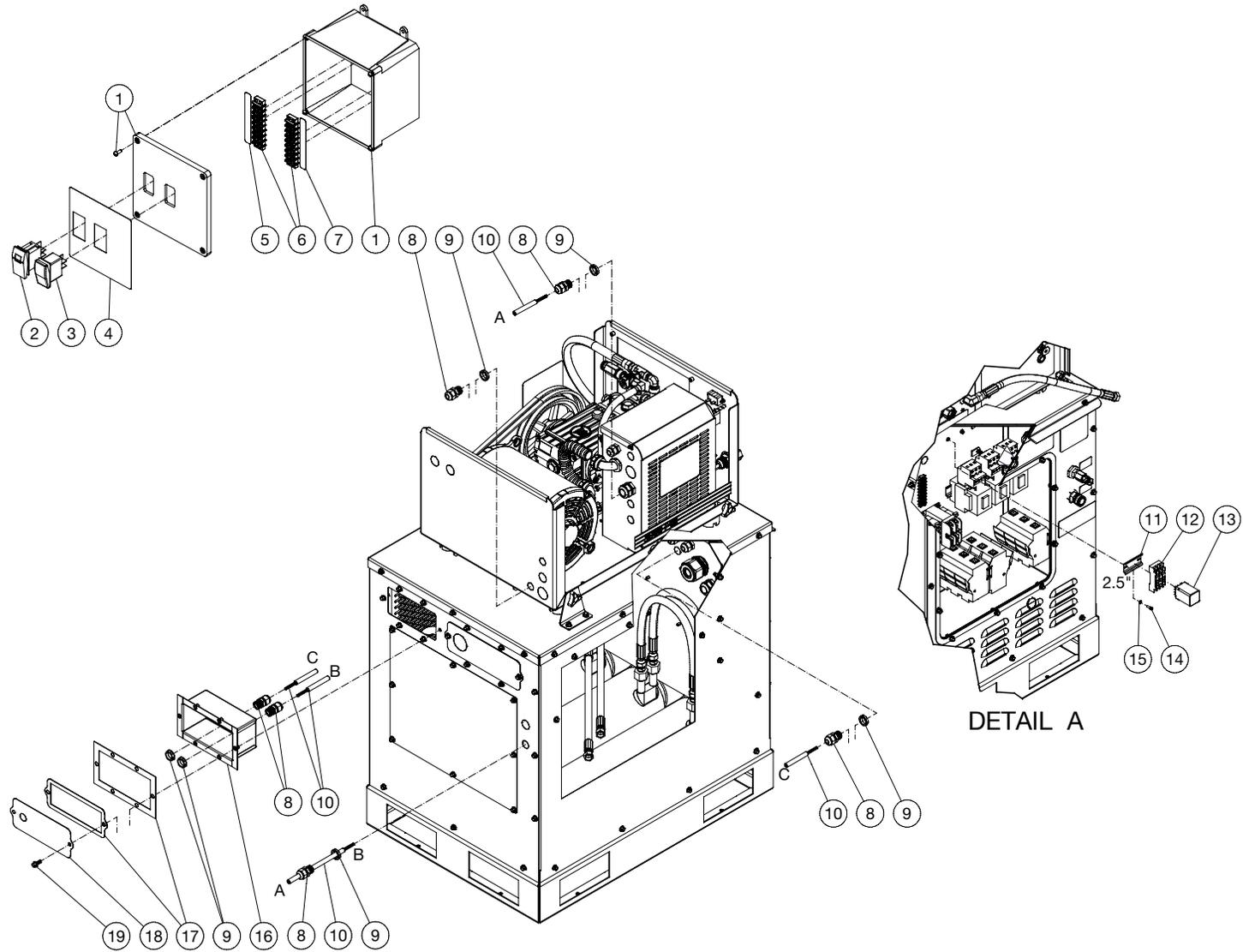


GHE-2503_3004 CW UNIT E-BOX ASSEMBLY 121025

CW ELECTRIC BOX ASSEMBLY (AFTER SERIAL #15174501)

GHE-2503_3004 CW UNIT E-BOX ASSEMBLY 121025			
CW UNIT ELECTRIC BOX			
ITEM	TITLE	PART #	QTY
1	BOLT	27-0017	5
2	WASHER	28-0002	9
3	WIRE CLIP	33-0264	1
4	STRAIN RELIEF	32-0437	3
5	CONDUIT ELBOW	32-0487	1
6	CORD RELIEF	9-0046	1
7	ELECTRICAL BOX	20-1601A18	1
9	ELECTRICAL LOCKNUT	32-0292	2
8	ELECTRICAL LOCKNUT	32-0108	3
10	SPACER	33-0431	4
11	LOCKNUT	30-0155	4
12	TRANSFORMER	32-0735	1
13	FUSE	32-0743	1
14	FUSE	32-0467	2
15	STAR WASHER	28-1009	5
16	SCREW	27-8835	6
17	OVERLOAD (3004)	32-0482	1
-	OVERLOAD (2503)	32-0481	1
18	CONTACTOR	32-0327	1
19	WASHER	28-0010	2
20	DIN RAIL *(ONE FOOT REQUIRED)	32-0316	1
21	CONTROL PANEL BACKPLATE	20-1600A06	1
22	TIMER SWITCH	32-0800	1
23	TERMINAL STRIP	32-0436	1
24	NUT	30-6001	3
25	WRAP *(ONE FOOT REQUIRED)	33-0114	1
26	BOLT	27-8807	1
*MUST ORDER IN ONE FOOT LENGTHS			

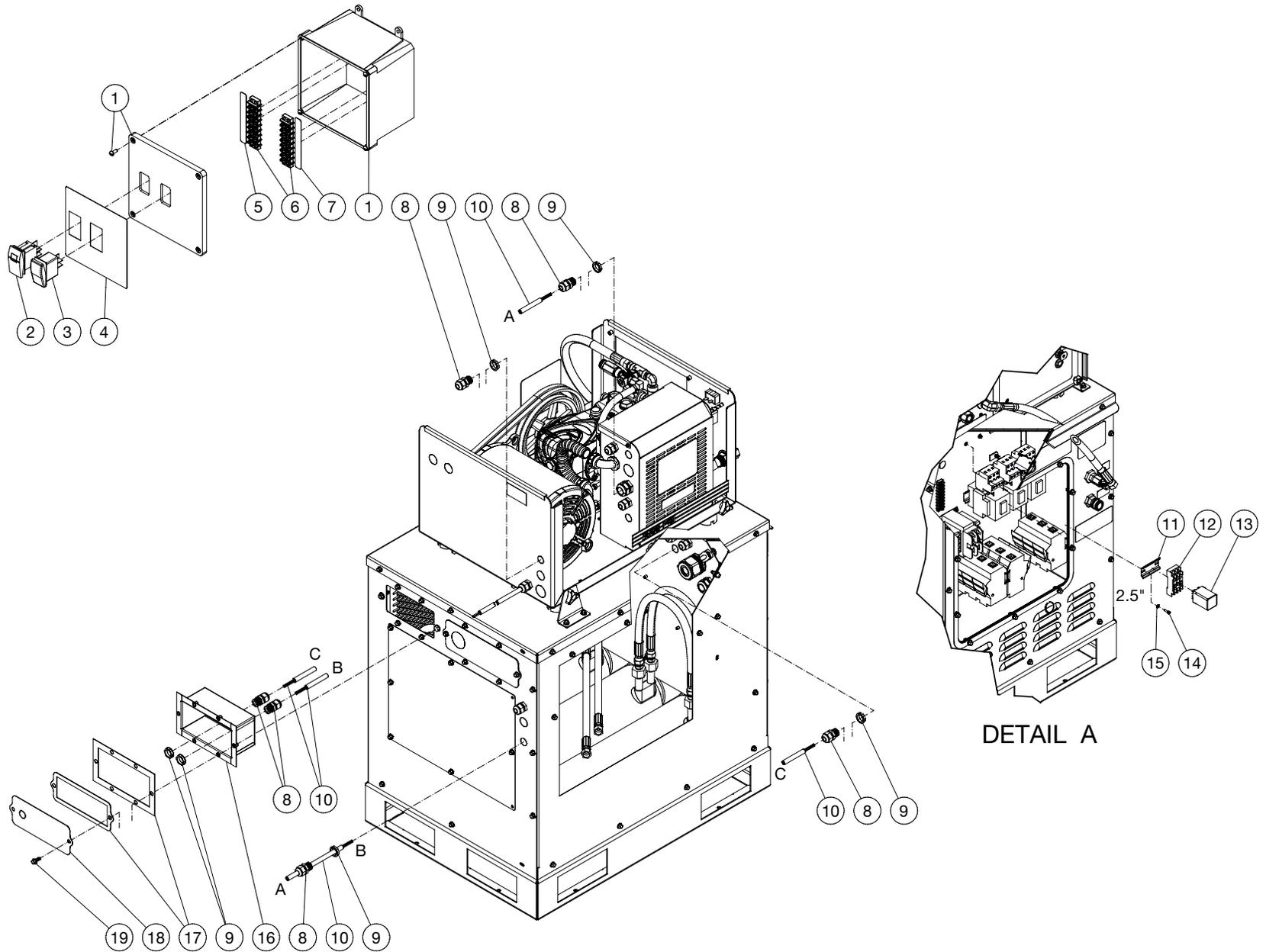
ELECTRIC BOX ASSEMBLY HX-0298 (BEFORE SERIAL #15174501)



ELECTRIC BOX ASSEMBLY HX-0298 (BEFORE SERIAL #15174501)

HX-0298 122921			
ELECTRIC BOX ASSEMBLY HX-0298			
ITEM	TITLE	PART #	QTY
1	ELECTRIC BOX	32-1248	1
2	SWITCH	32-0801	1
3	ROCKER SWITCH	32-0732	1
4	DECAL- REMOTE BOX (SEE 71-3011)	N/A	1
5	DECAL- TERMINAL STRIP (SEE 71-3011)	N/A	1
6	TERMINAL STRIP	32-0436	2
7	DECAL- TERMINAL STRIP (SEE 71-3011)	N/A	1
8	STRAIN RELIEF	32-0437	6
9	ELECTRICAL LOCKNUT	32-0108	6
10	CORD *(TWELVE FEET REQUIRED)	32-1286	5
11	DIN RAIL *(ONE FOOT REQUIRED)	32-0316	1
12	BASE - RELAY	32-0737	1
13	RELAY - LATCHING	32-0736	1
14	SCREW	27-8835	2
15	WASHER	28-0010	2
16	JUNCTION BOX	20-1667A18	1
17	JUNCTION BOX GASKET - INSIDE	26-0441	1
18	JUNCTION BOX COVER	20-1668A18	1
19	BOLT	27-1200	6
-	DECAL SET - REMOTE BOX - 2 SWITCHES	71-3011	1
*MUST ORDER IN ONE FOOT LENGTHS			

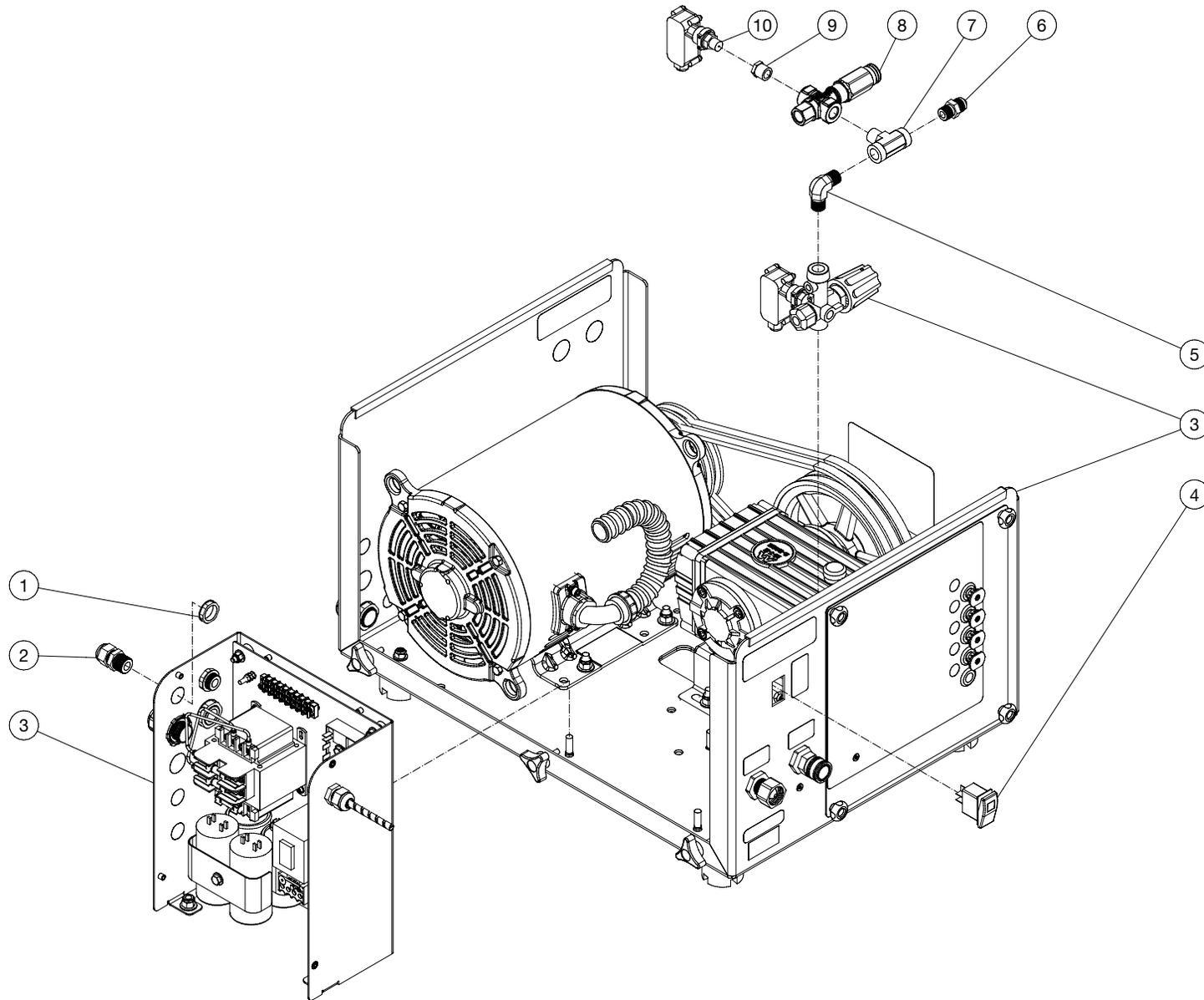
ELECTRIC BOX ASSEMBLY HX-0298 (AFTER SERIAL #15174501)



ELECTRIC BOX ASSEMBLY HX-0298 (AFTER SERIAL #15174501)

HX-0298 121025			
ELECTRIC BOX ASSEMBLY HX-0298			
ITEM	TITLE	PART #	QTY
1	ELECTRIC BOX	32-1248	1
2	SWITCH	32-0801	1
3	ROCKER SWITCH	32-0732	1
4	DECAL- REMOTE BOX (SEE 71-3011)	N/A	1
5	DECAL- TERMINAL STRIP (SEE 71-3011)	N/A	1
6	TERMINAL STRIP	32-0436	2
7	DECAL- TERMINAL STRIP (SEE 71-3011)	N/A	1
8	STRAIN RELIEF	32-0437	6
9	ELECTRICAL LOCKNUT	32-0108	6
10	CORD *(TWELVE FEET REQUIRED)	32-1286	5
11	DIN RAIL *(ONE FOOT REQUIRED)	32-0316	1
12	BASE - RELAY	32-0737	1
13	RELAY - LATCHING	32-0736	1
14	SCREW	27-8835	2
15	WASHER	28-0010	2
16	JUNCTION BOX	20-1667A18	1
17	JUNCTION BOX GASKET - INSIDE	26-0441	1
18	JUNCTION BOX COVER	20-1668A18	1
19	BOLT	27-1200	6
-	DECAL SET - REMOTE BOX - 2 SWITCHES	71-3011	1
*MUST ORDER IN ONE FOOT LENGTHS			

ELECTRIC START/STOP OPTION (CX-0069 AND HX-0307)

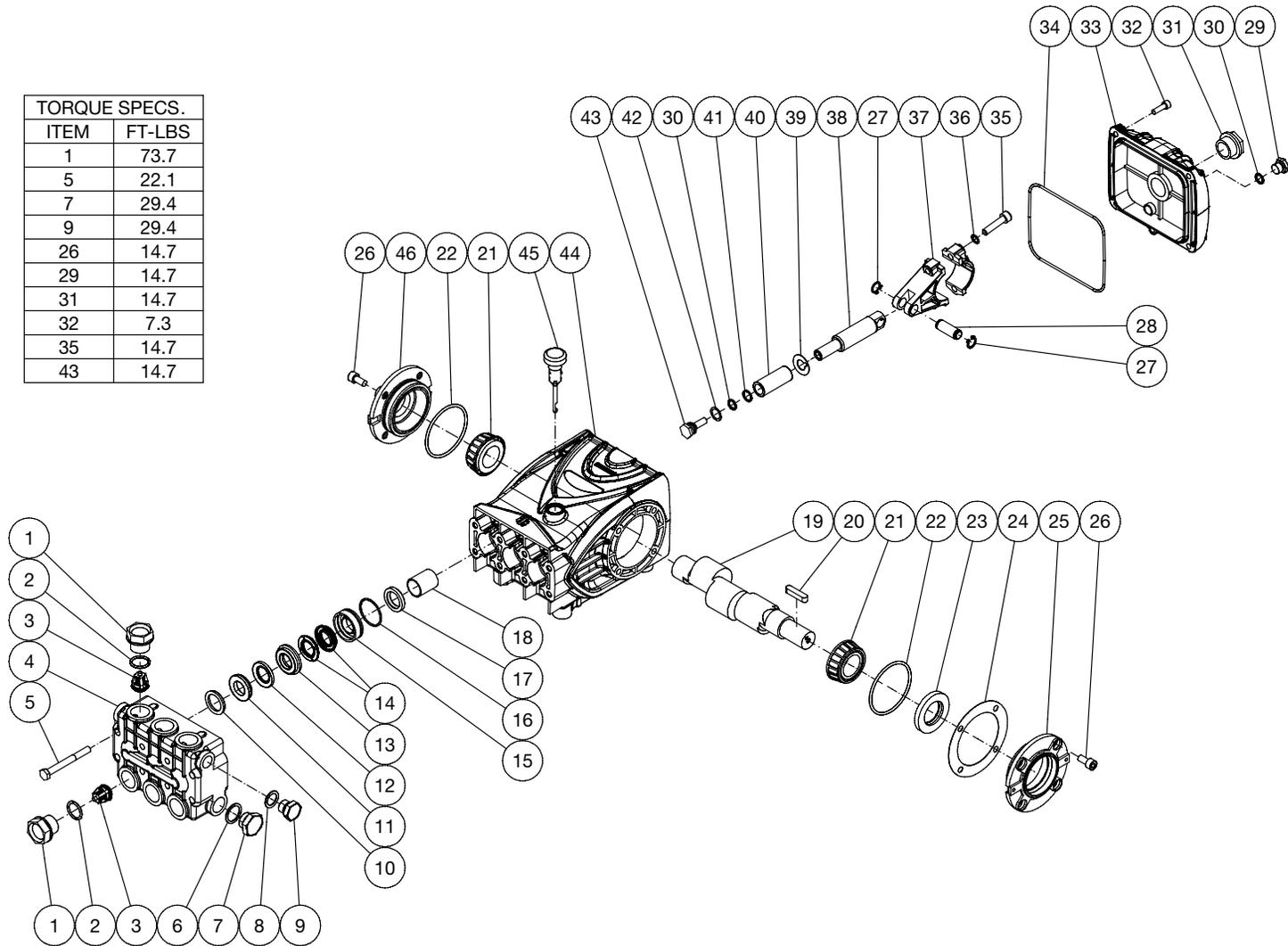


ELECTRIC START/STOP OPTION (CX-0069 AND HX-0307)

CX-0069 & HX-0307 021623			
ELECTRIC START/STOP OPTION (CX-0069 AND HX-0307)			
ITEM	TITLE	PART #	QTY
1	ELECTRICAL LOCKNUT	32-0108	1
2	STRAIN RELIEF	32-0437	1
3	CW STAINLESS ASSEMBLY	N/A	1
4	ROCKER SWITCH	32-0731	1
5	ELBOW (HX-0307)	24-0131	1
-	ELBOW (CX-0069)	24-0131	1
6	NIPPLE (HX-0307)	24-0002	1
-	NIPPLE (CX-0069)	24-0002	1
7	TEE (HX-0307)	24-0184	1
-	TEE (CX-0069)	24-0026	1
8	REGULATING VALVE (HX-0307)	22-0507	1
9	BUSHING	24-0181	1
10	PRESSURE SWITCH	22-0243	1

PUMP (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



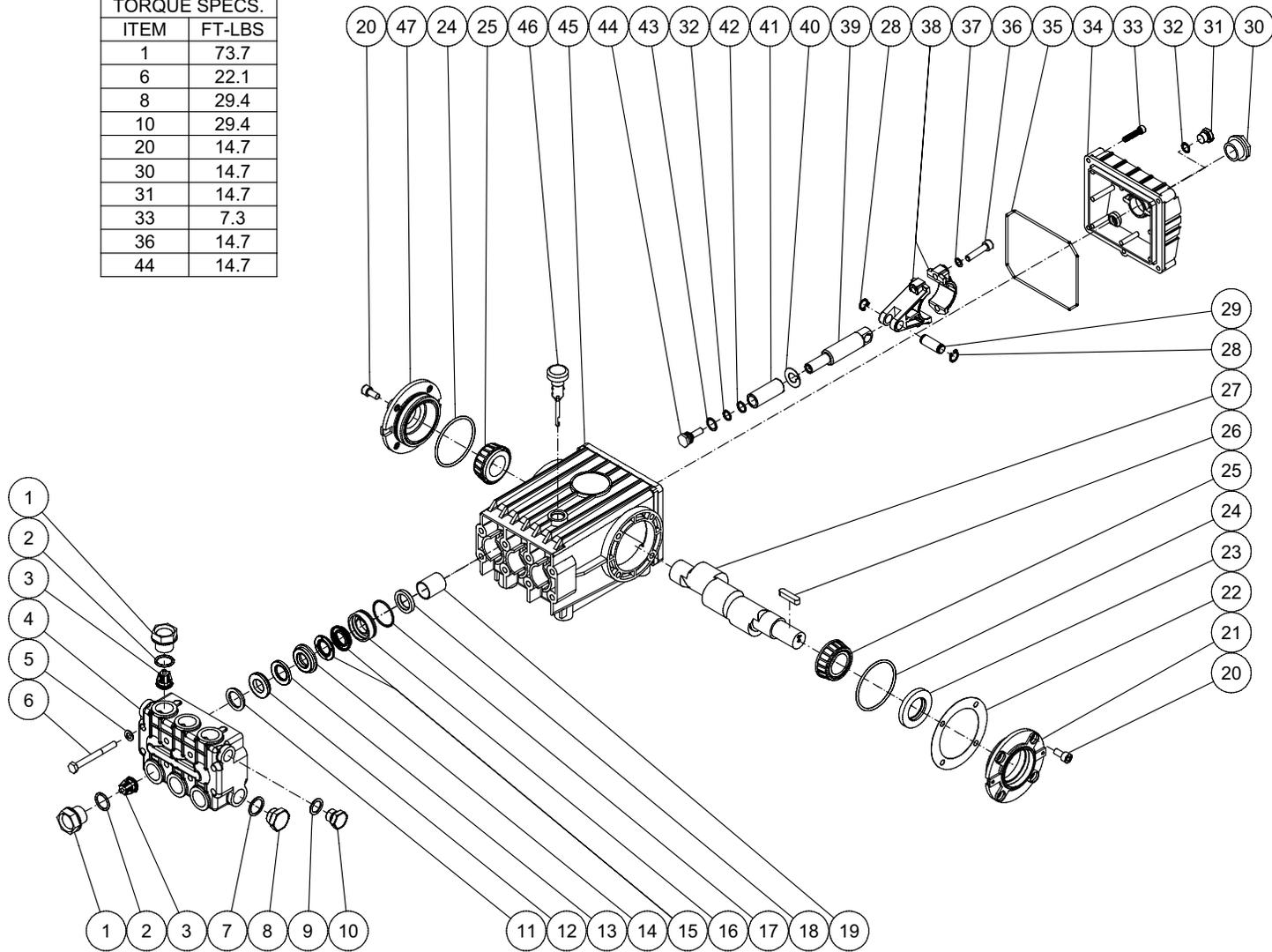
PUMP (3-0202)

3-0202 032923 CH							
PUMP ASSEMBLY							
ITEM	DESCRIPTION	PART #	QTY	ITEM	DESCRIPTION	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 (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 #15159371)	27-8812	5
9	PLUG	39-0018	2	-	BOLT (BEFORE SN #15159371)	27-8404	5
10	HEAD RING (SEE KIT 70-0030, SEE KIT 850-0122)	70-0030	3	33	CRANKCASE COVER (AFTER SN #15159371)	46-1906	1
11	V-PACKING SUPPORT (SEE KIT 70-0147, SEE KIT 850-0122)	26-0098	3	-	CRANKCASE COVER (BEFORE SN #15159371)	46-0295	1
12	O-RING (SEE KIT 70-0147, SEE KIT 70-0148, SEE KIT 850-0122)	25-0207	3	34	O-RING	25-0339	1
13	HIGH PRESSURE INTERMEDIATE SEAL RETAINER (SEE KIT 70-0148)	46-0659	3	35	BOLT	27-8435	6
14	PRESSURE SEAL (SEE KIT 70-0147, SEE KIT 850-0122)	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	46-0050	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 ASSEMBLY	10-12, 14, 16	3	3

PUMP (3-0203)

TORQUE SPECS.	
ITEM	FT-LBS
1	73.7
6	22.1
8	29.4
10	29.4
20	14.7
30	14.7
31	14.7
33	7.3
36	14.7
44	14.7

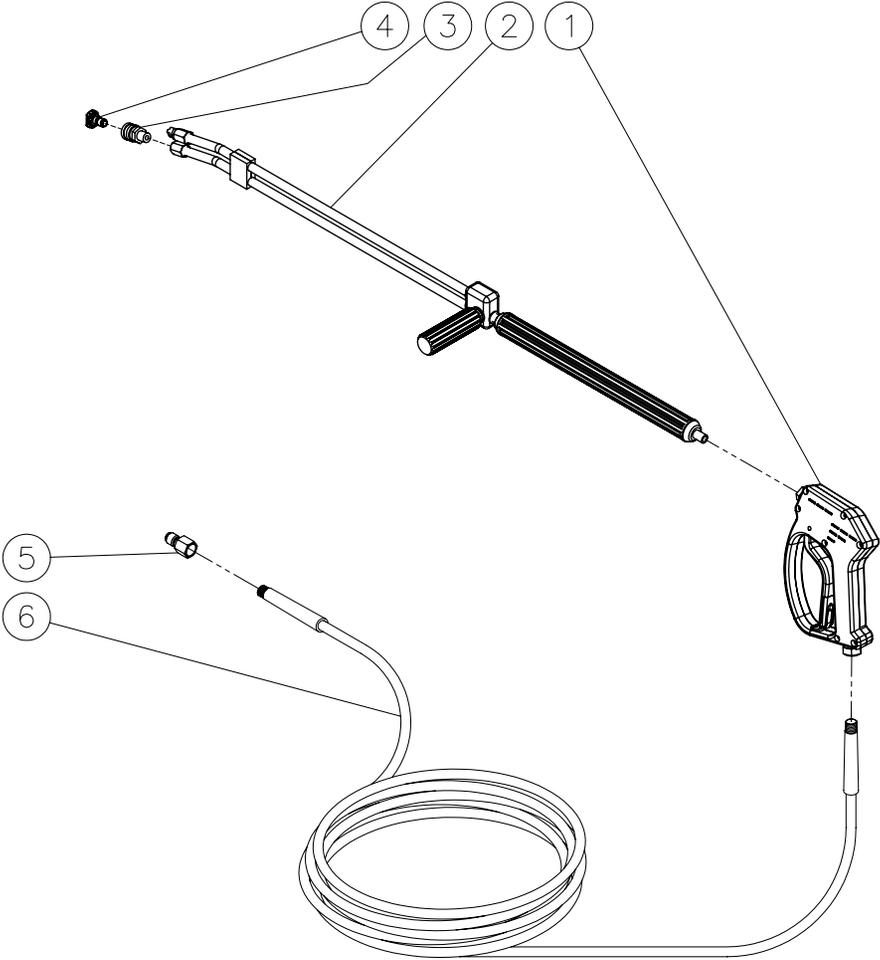


PUMP (3-0203)

3-0203 102419 ATL								
PUMP ASSEMBLY								
ITEM	DESCRIPTION	PART #	QTY		ITEM	DESCRIPTION	PART #	QTY
1	VALVE CAP	46-0889	6		25	BEARING	48-0012	2
2	O-RING	25-0012	6		26	KEY	43-0048	1
3	VALVE (SEE KIT 70-0009)	22-0056	6		27	CRANKSHAFT	46-0888	1
4	MANIFOLD	N/A	1		28	RETAINING RING	46-0103	6
5	WASHER	28-1039	8		29	CONNECTING ROD PIN	43-0032	3
6	BOLT	27-8185	8		30	OIL LEVEL INDICATOR	46-0114	1
7	WASHER	28-1038	2		31	PLUG	39-0017	1
8	PLUG	39-0019	2		32	O-RING	25-0014	4
9	WASHER	28-1002	2		33	BOLT	27-8404	5
10	PLUG	39-0018	2		34	CRANKCASE OPEN COVER	46-0295	1
11	HEAD RING (SEE KIT 70-0030 & 852-0122)	70-0030	3		35	O-RING	25-0339	1
12	V-PACKING SUPPORT (SEE KIT 70-0147 & 852-0122)	26-0098	3		36	BOLT	27-8435	6
13	O-RING (SEE KIT 70-0147, 70-0148 & 852-0122)	25-0207	3		37	LOCKWASHER	29-0154	6
14	HIGH PRESSURE INTERMEDIATE SEAL RETAINER (SEE KIT 70-0148)	46-0659	3		38	CONNECTING ROD	46-0051	3
15	PRESSURE SEAL (SEE KIT 70-0147 & 852-0122)	26-0197	3		39	PISTON ROD	46-0056	3
16	LOW PRESSURE SEAL RETAINER	46-0057	3		40	SLINGER WASHER	46-0146	3
17	O-RING (SEE KIT 852-0122)	25-0015	3		41	PLUNGER	46-0052	3
18	OIL SEAL	26-0047	3		42	BACK-UP RING	46-0109	3
19	BUSHING	9-0029	3		43	WASHER	28-0400	3
20	BOLT	27-8431	8		44	NUT / PISTON	46-0069	3
21	CRANKCASE COVER	46-0296	1		45	CRANKCASE	46-0047	1
22	SHIM	46-0113	1		46	OIL DIP STICK	46-0144	1
23	OIL SEAL	26-0049	1		47	CRANKCASE COVER	46-0336	1
24	O-RING	25-0013	2					

REPLACEMENT KITS				
KIT#	DESCRIPTION	ITEMS	# OF ASSEMBLIES	# OF CYLINDERS
70-0009	VALVES	3	6	3
70-0030	HEAD RING	11	3	3
70-0147	V-PACKING	12, 13, 15	3	3
70-0148	INTERMEDIATE RETAINER	13, 14	3	3
852-0122	V-PACKING ASSY	11-13, 15, 17	3	3

GUN / WAND / HOSE ASSEMBLY

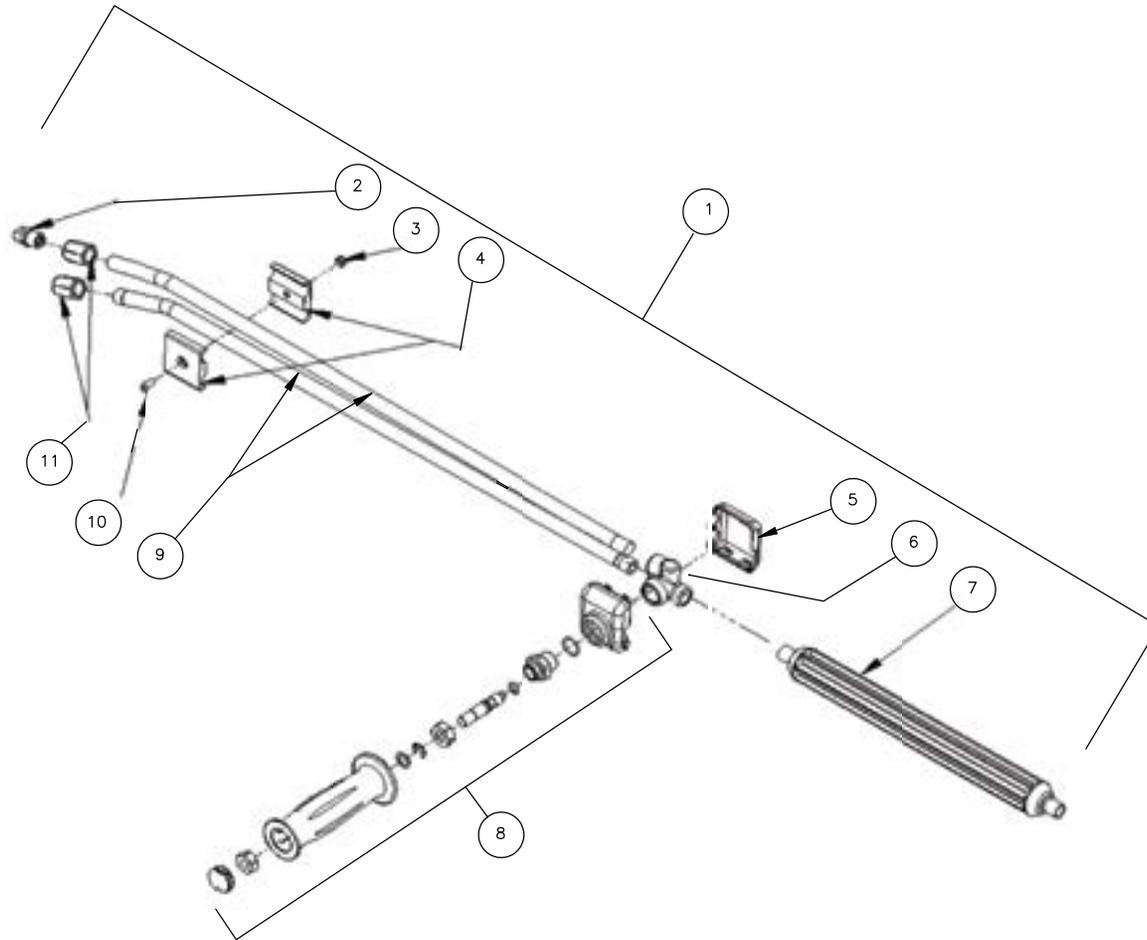


ELECTRIC HW GUN WAND HOSE ASSEMBLY 110719ATL

GUN / WAND / HOSE ASSEMBLY

ELECTRIC HW GUN WAND HOSE ASSY_GHE 110719 ATL			
GUN/WAND/HOSE ASSEMBLY			
REF. #	DESCRIPTION	PART #	QTY.
1	Gun Assembly	16-0446	1
2	Dual Lance 36" (2503)	16-0416	1
-	Dual Lance 48" (3004)	16-0417	1
3	Quick Connect Socket	17-0028	1
4	Nozzle- 0003.5 (2503)	18-0392	1
-	Nozzle- 1503.5 (2503)	18-0393	1
-	Nozzle- 2503.5 (2503)	18-0395	1
-	Nozzle- 4003.5 (2503)	18-0396	1
-	Nozzle- 0004.5 (3004)	18-0402	1
-	Nozzle- 1504.5 (3004)	18-0403	1
-	Nozzle- 2504.5 (3004)	18-0404	1
-	Nozzle- 4004.5 (3004)	18-0405	1
5	Quick Connect Plug	17-0006	1
6	High Pressure Hose Assembly (2503)	15-0146	1
-	High Pressure Hose Assembly (3004)	15-0166	1

DUAL LANCE ASSEMBLY

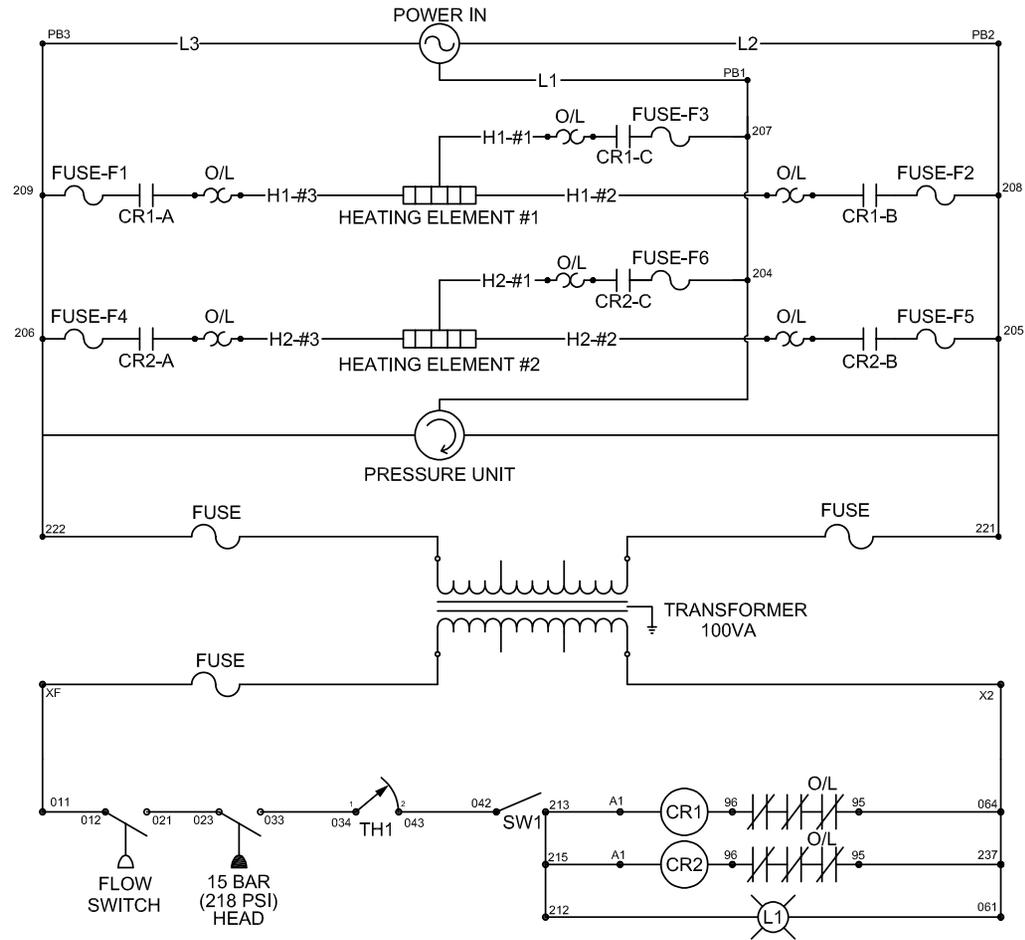


DUAL LANCE ASSEMBLY

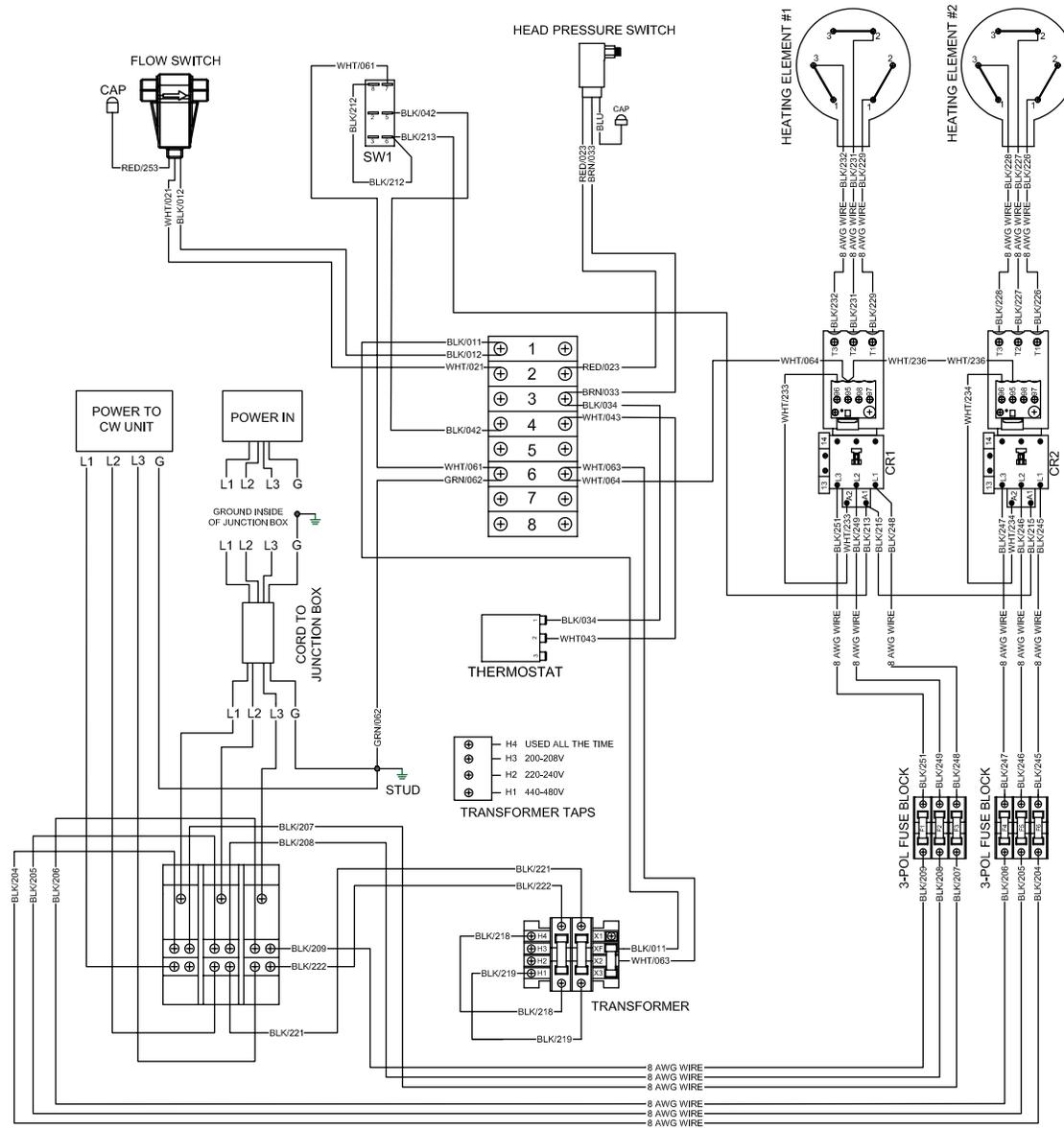
16-0416_16-0417-102405-RZ

DUAL LANCE ASSEMBLY (16-0416 & 16-0417)			
REF. #	DESCRIPTION	PART #	QTY.
1	Dual Lance Assembly - 36" (Inc. 2-11)	16-0416	1
-	Dual Lance Assembly - 48" (Inc. 2-11)	16-0417	1
2	Detergent Nozzle	18-0110	1
3	Nut	30-6001	1
4	Clamp	16-0420	2
5	Lower Valve Cover (See 16-0416 or 16-0417)	N/A Sep.	1
6	Housing (See 16-0416 or 16-0417)	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
-	Lance (See 16-0417)	N/A Sep.	2
10	Screw	27-8196	1
11	Nozzle Adapter	24-0280	2

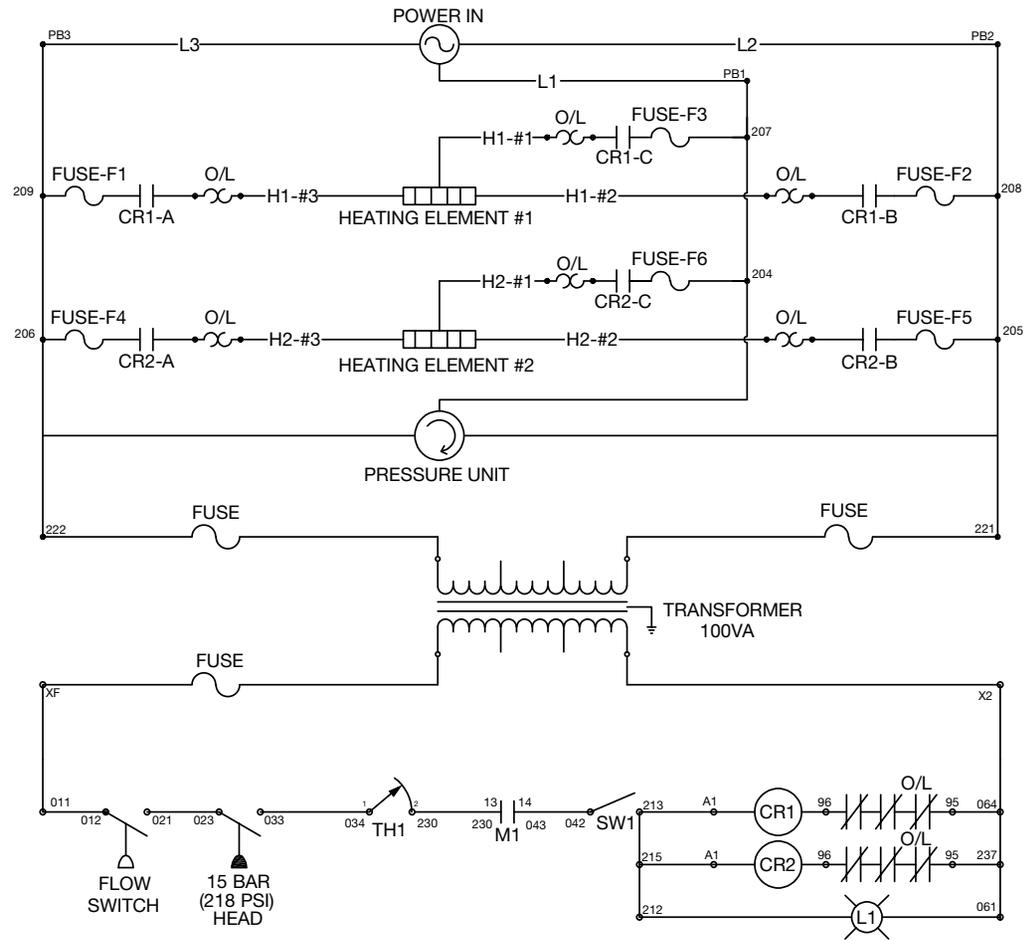
WIRE SCHEMATIC FOR HAE 2503 MODELS (BEFORE SERIAL #15174501)



WIRE DIAGRAM FOR HAE 2503 MODELS (BEFORE SERIAL #15174501)

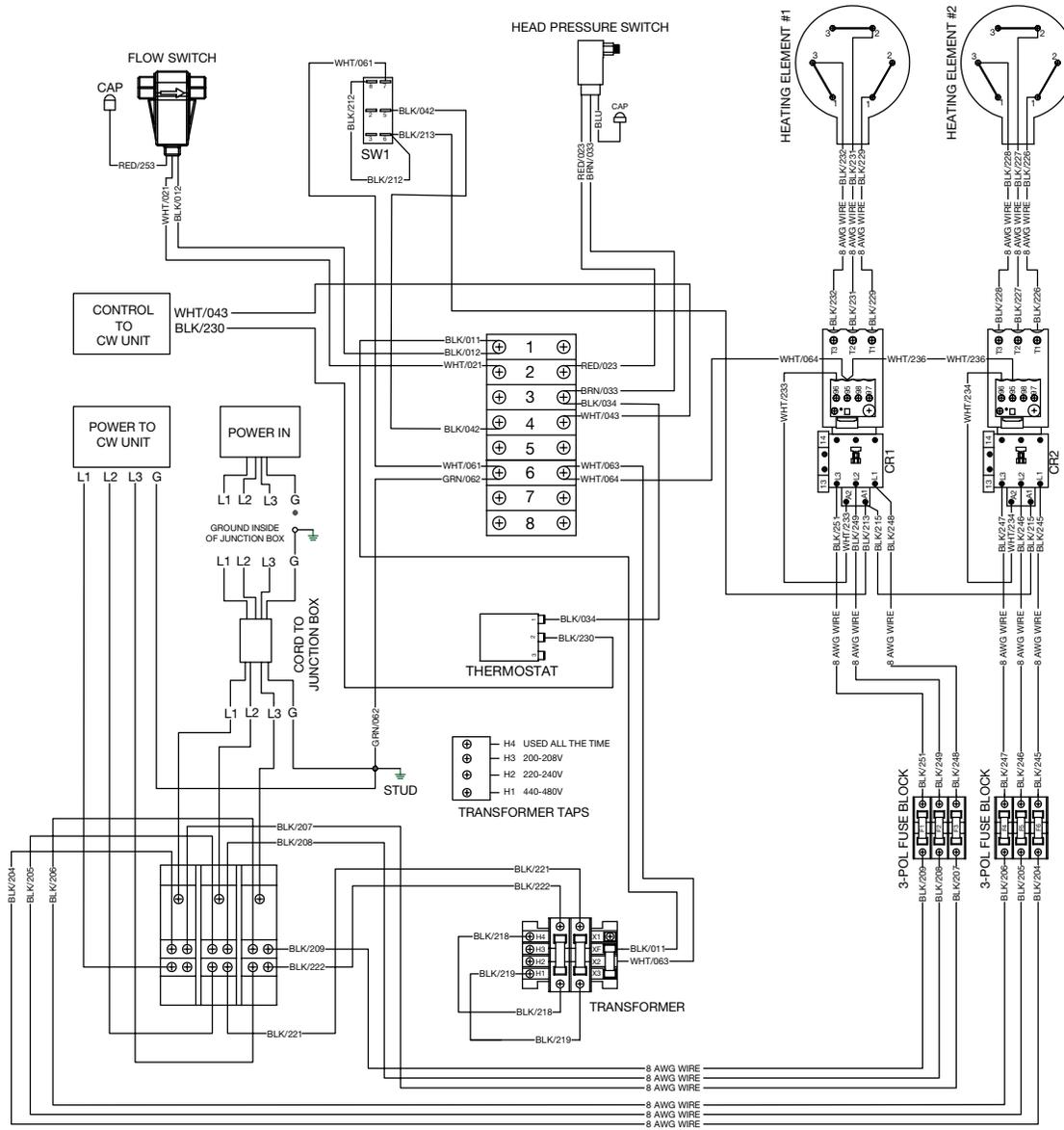


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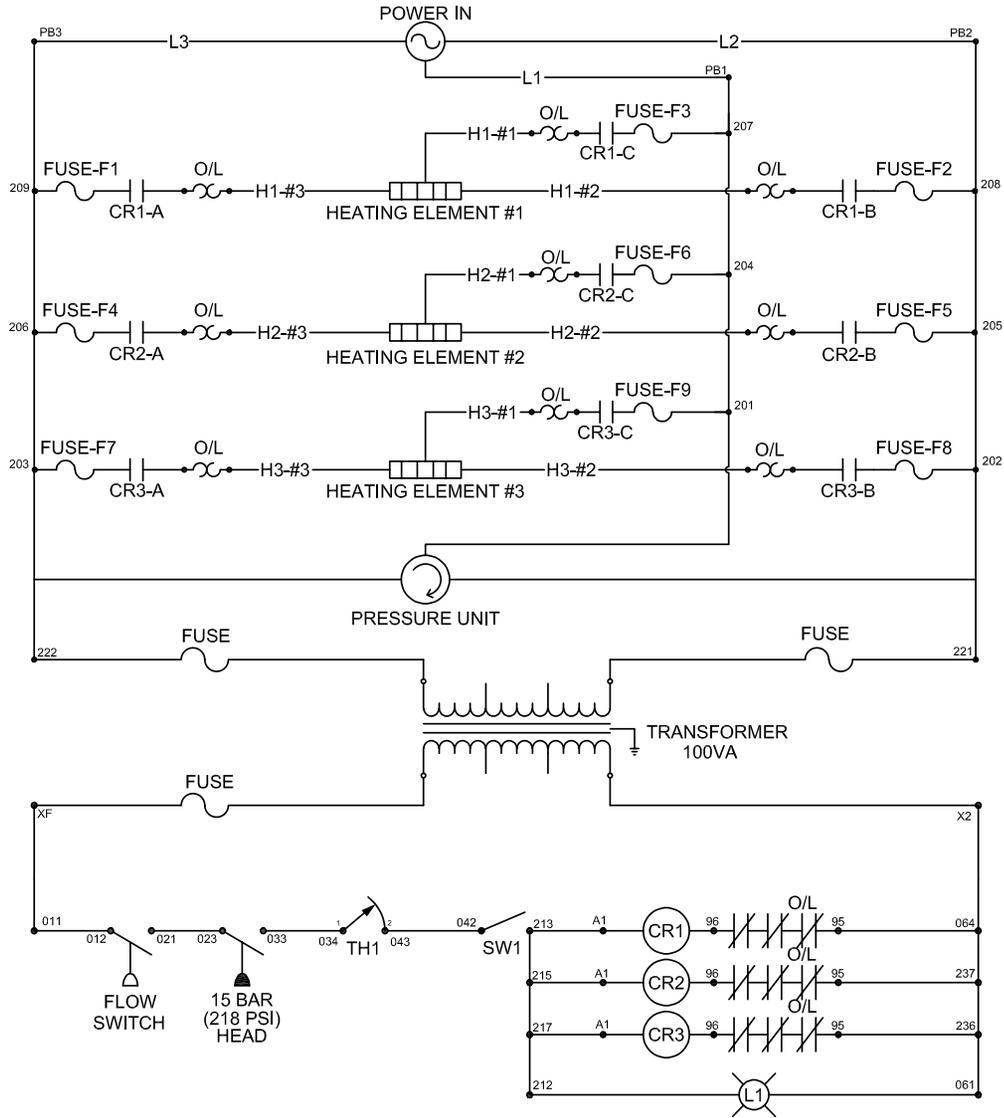


WS HAE-2503 103025

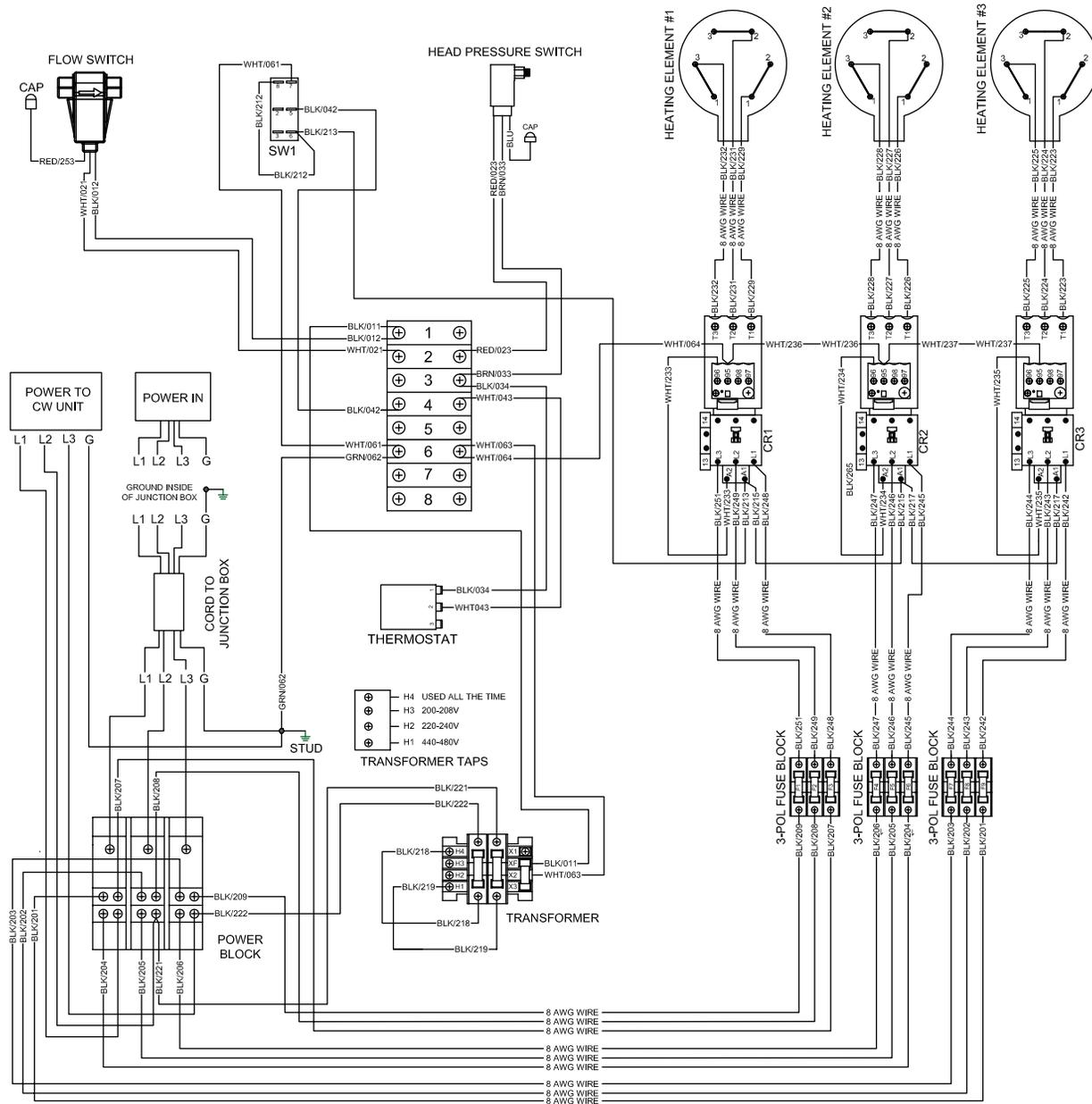
WIRE DIAGRAM FOR HAE 2503 MODELS (AFTER SERIAL #15174501)



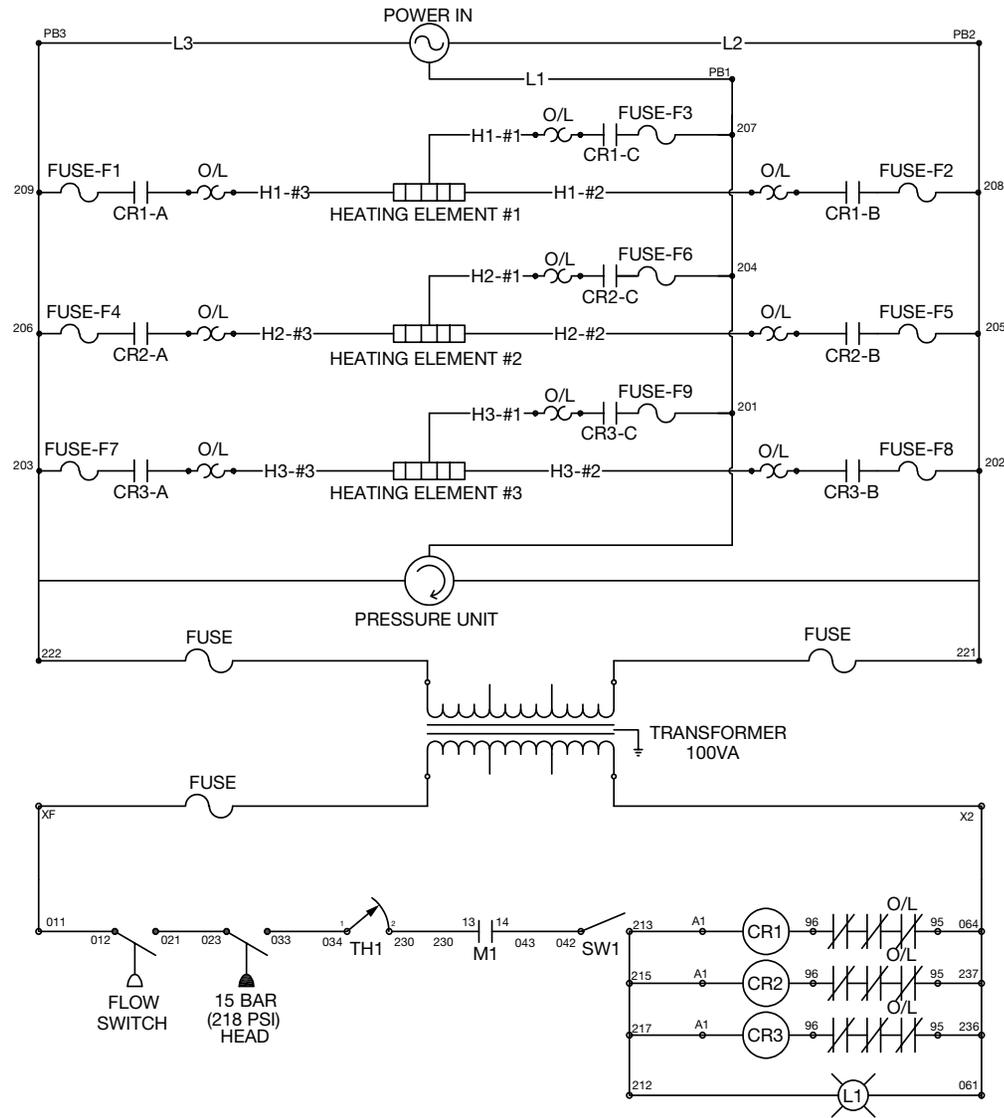
WIRE SCHEMATIC FOR HAE 3004 MODELS (BEFORE SERIAL #15174501)



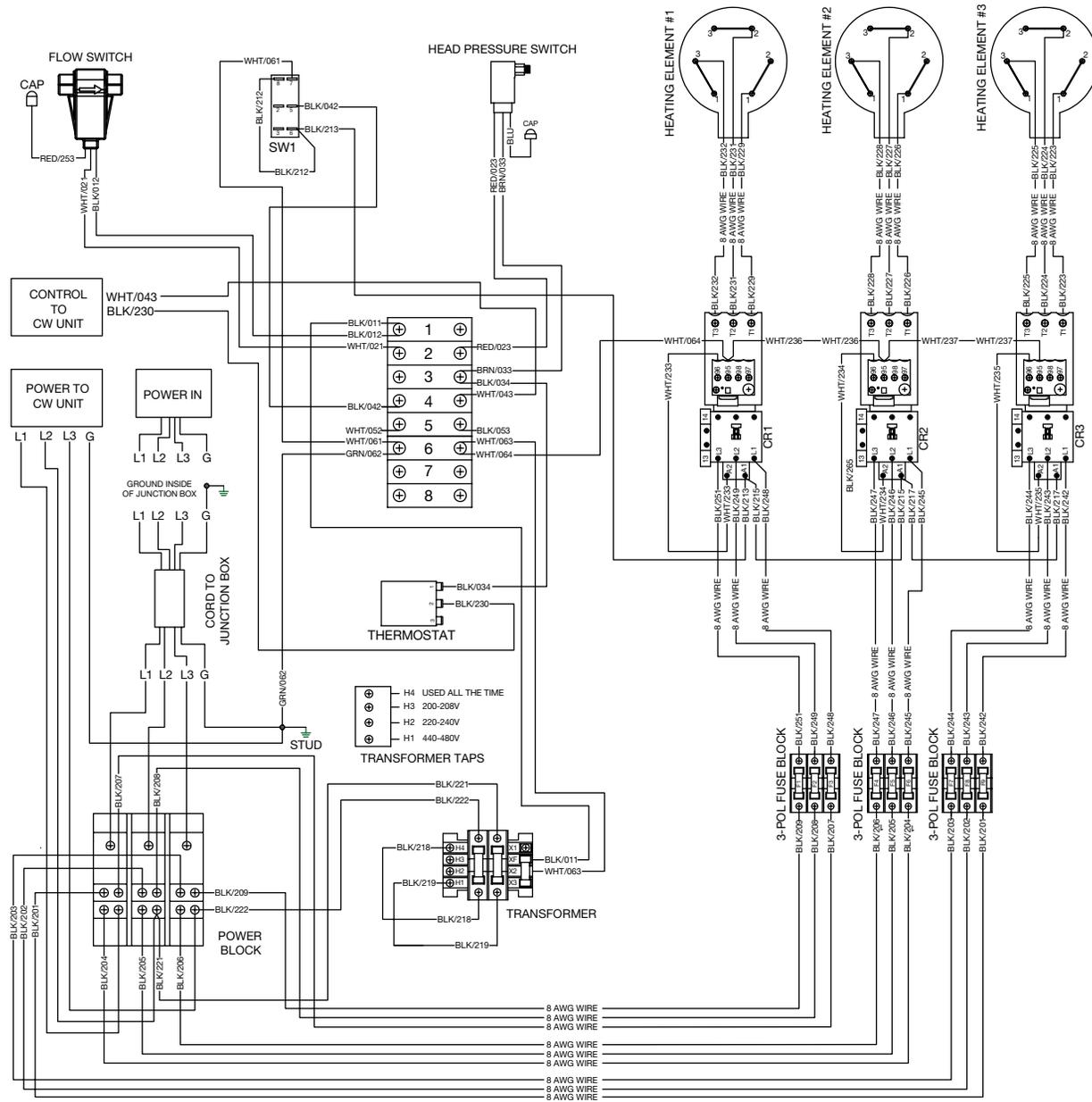
WIRE DIAGRAM FOR HAE 3004 MODELS (BEFORE SERIAL #15174501)



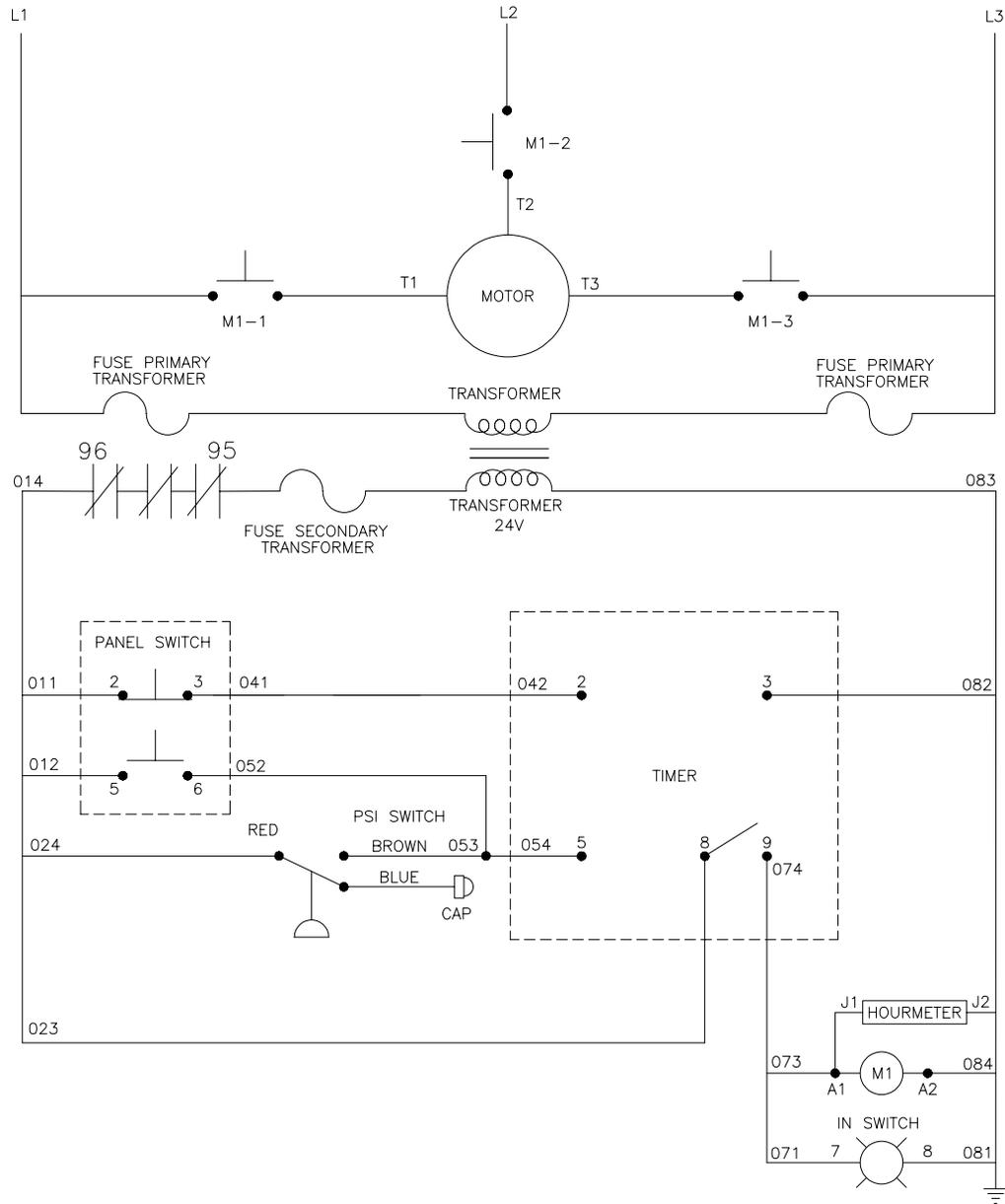
WIRE SCHEMATIC FOR HAE 3004 MODELS (AFTER SERIAL #15174501)



WIRE DIAGRAM FOR HAE 3004 MODELS (AFTER SERIAL #15174501)

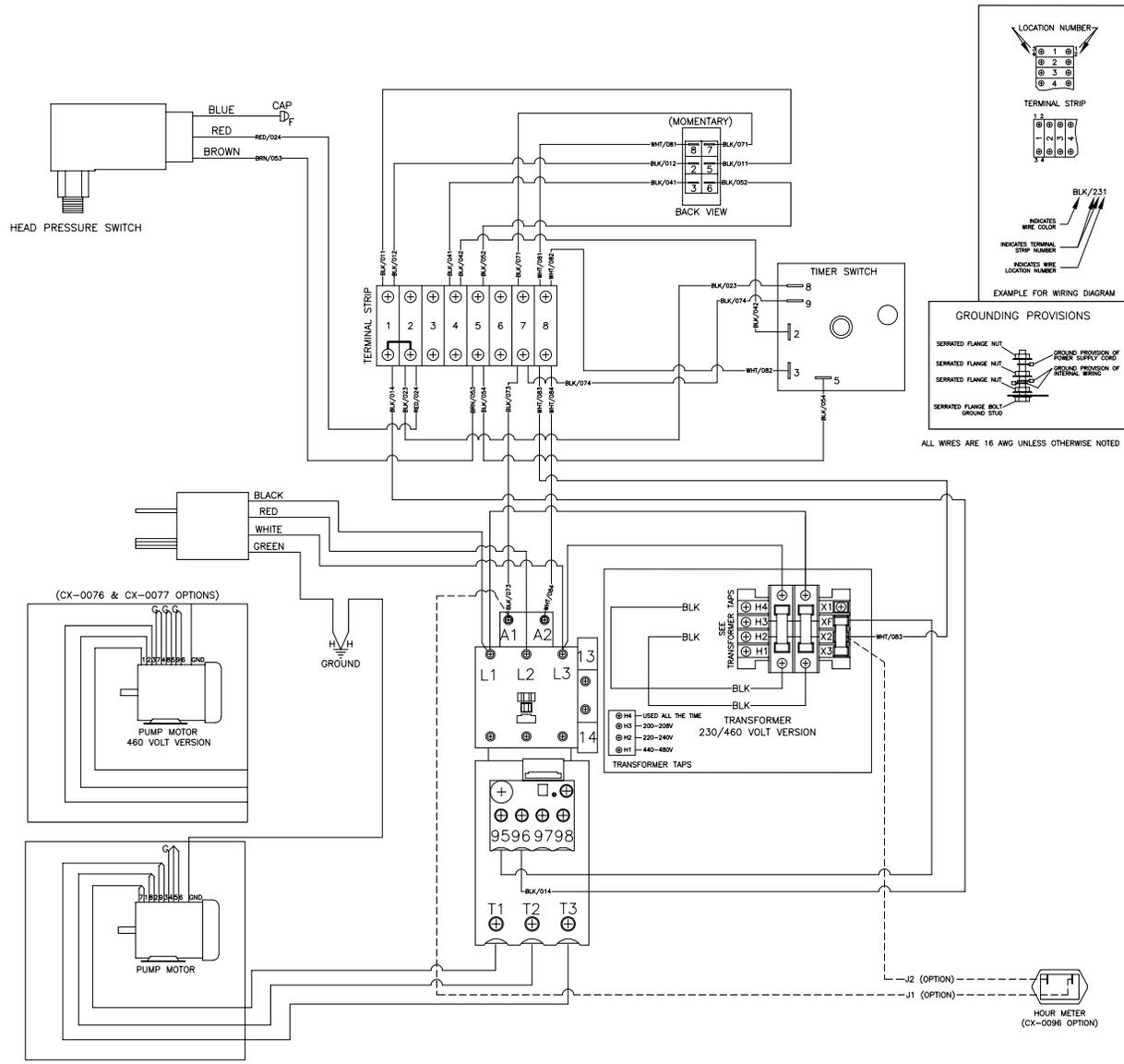


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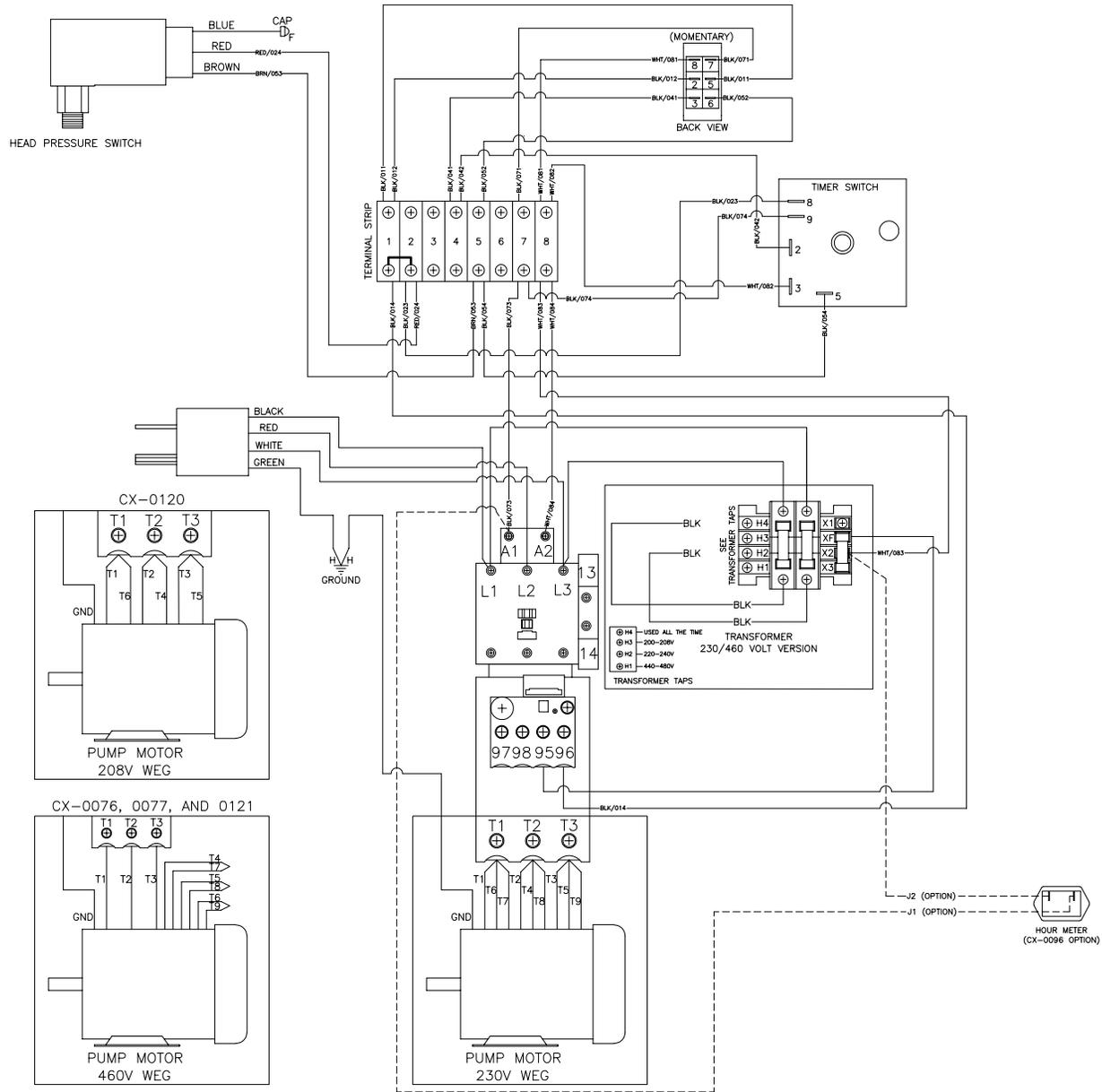
WS - CW-2004_3004-SME3 (CX-0076_77_96) 111318

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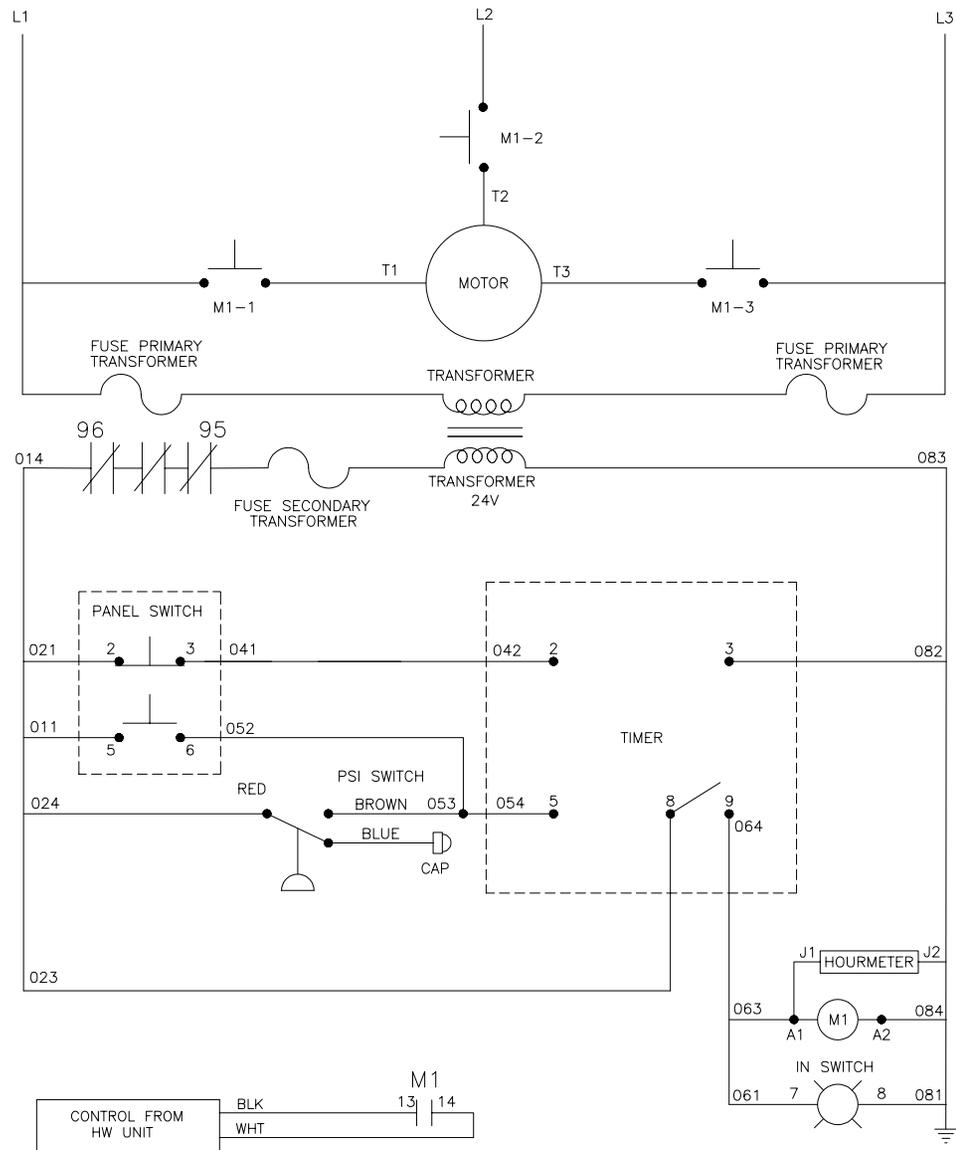
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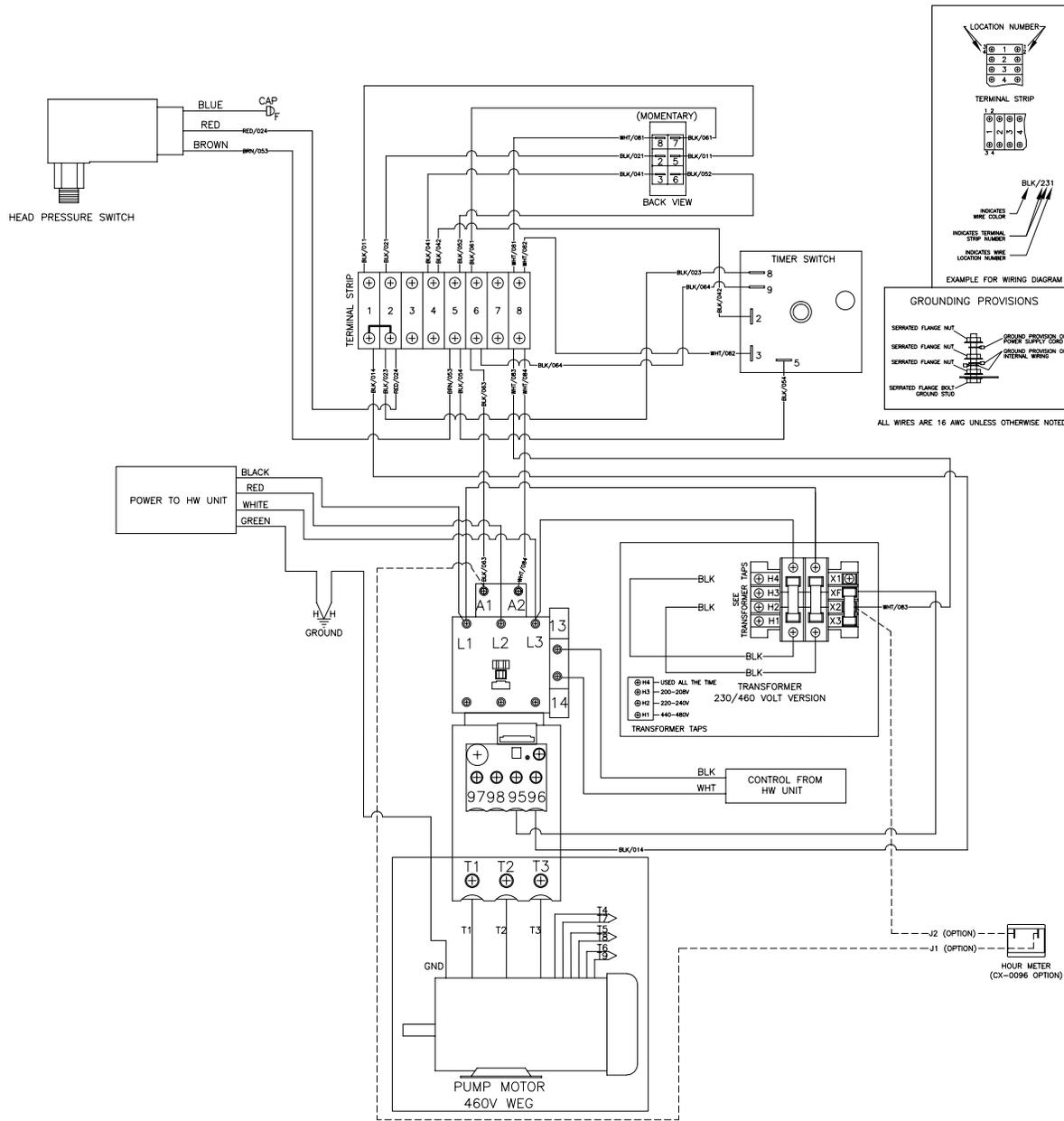
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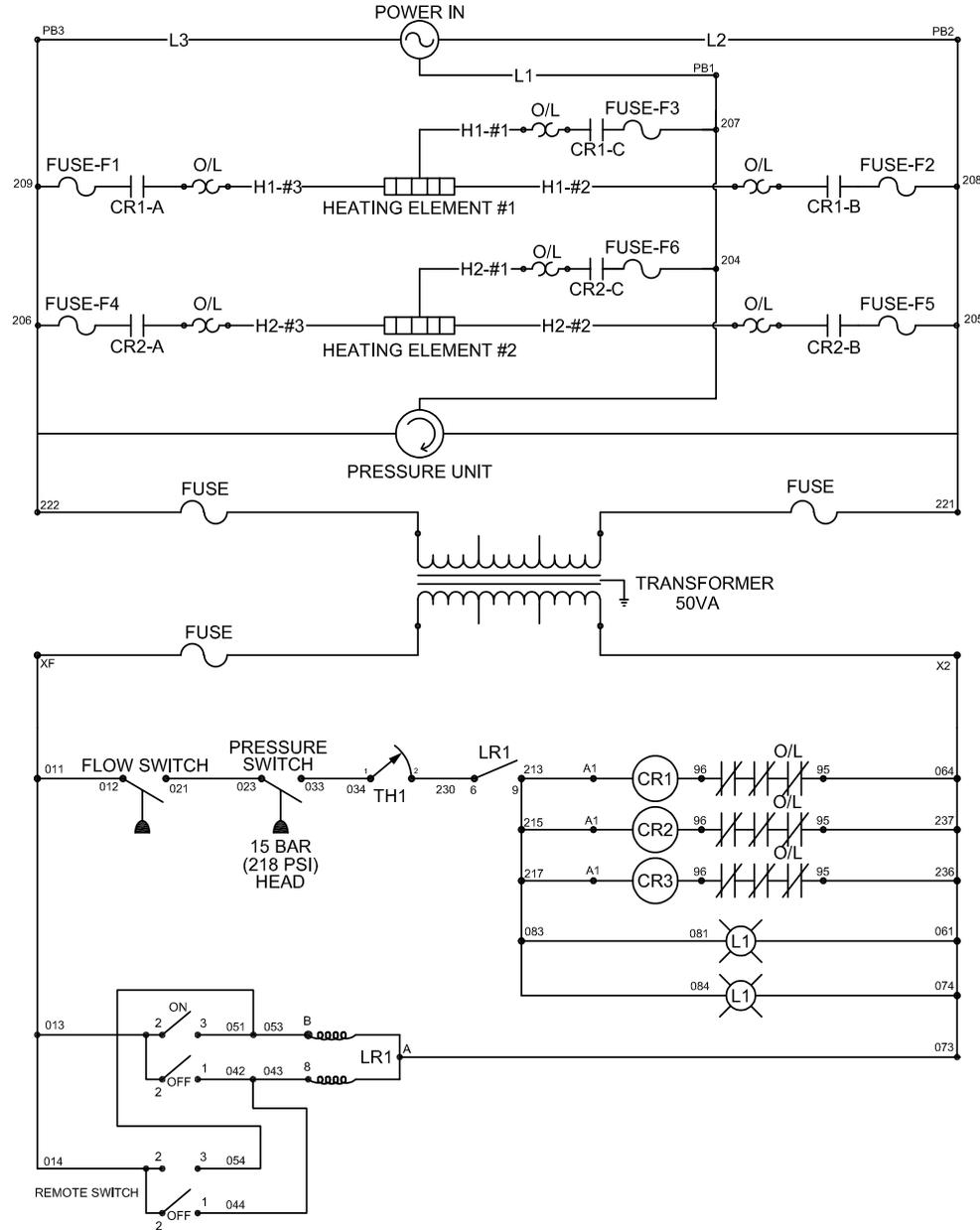


WS HAE CW PORTION 010726

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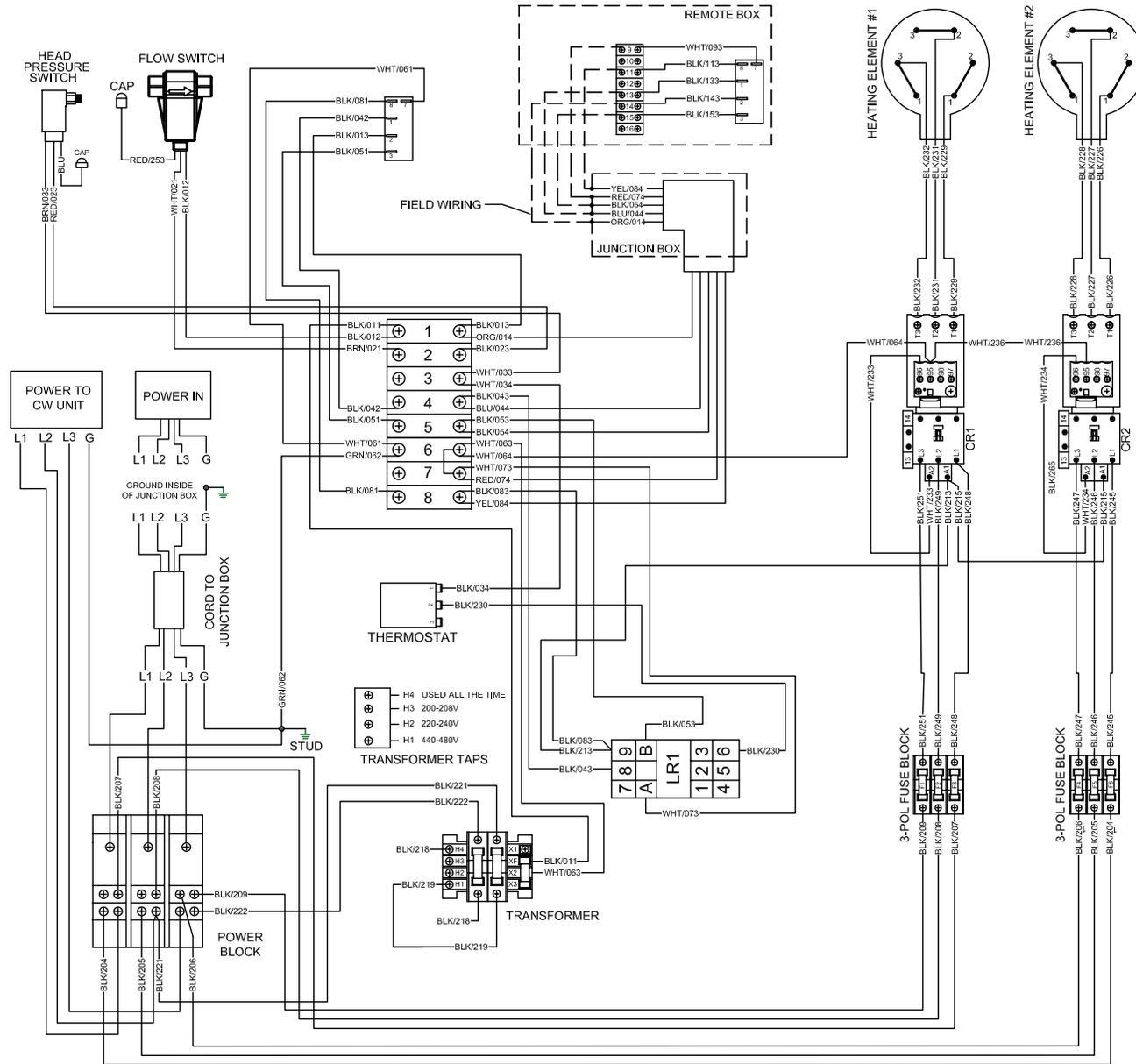


2503 WIRE SCHEMATIC (HX-0298) (BEFORE SERIAL # 15174501)



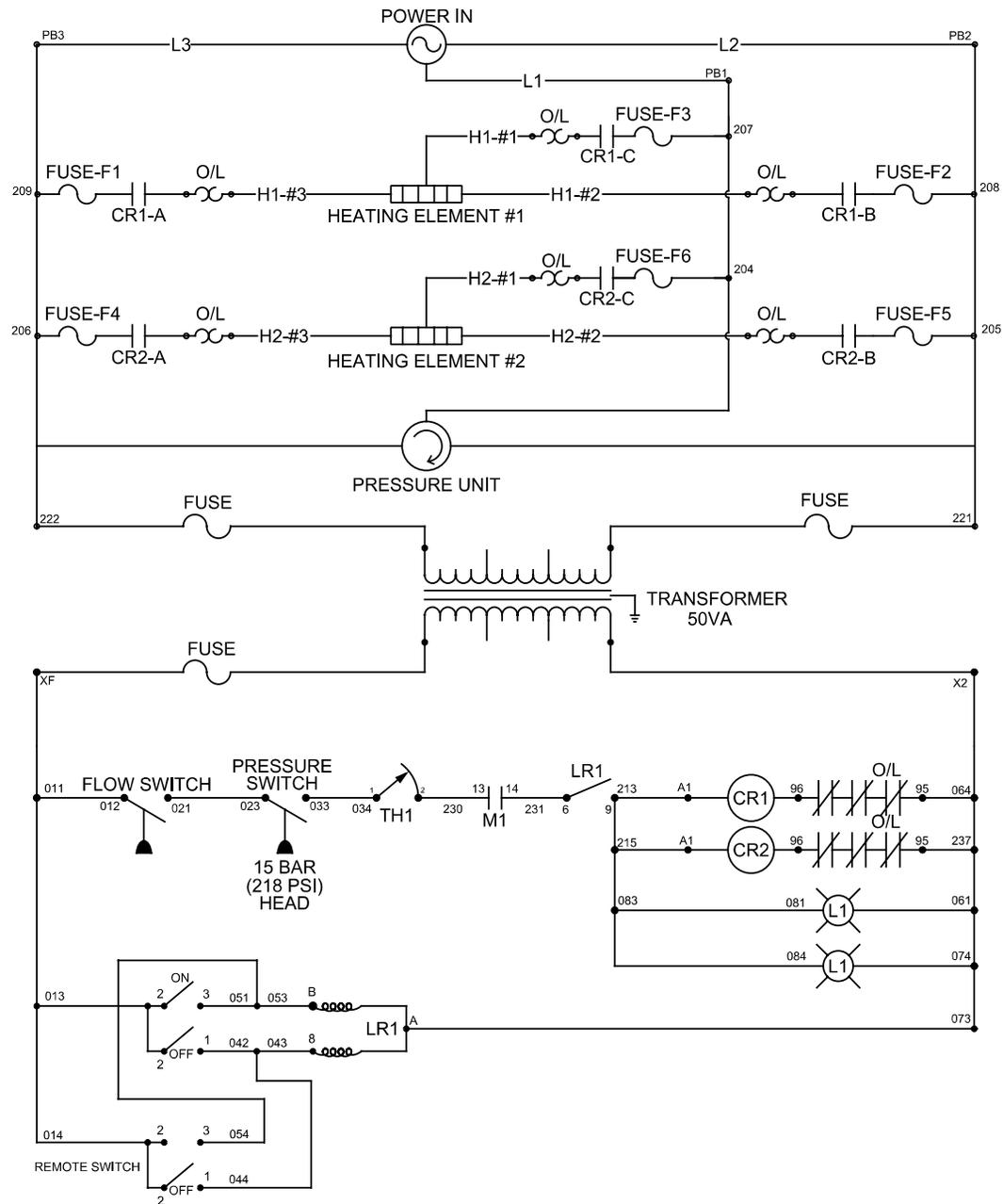
HX-0298 2503 HOT WATER PORTION WS

2503 WIRE DIAGRAM (HX-0298) (BEFORE SERIAL #15174501)



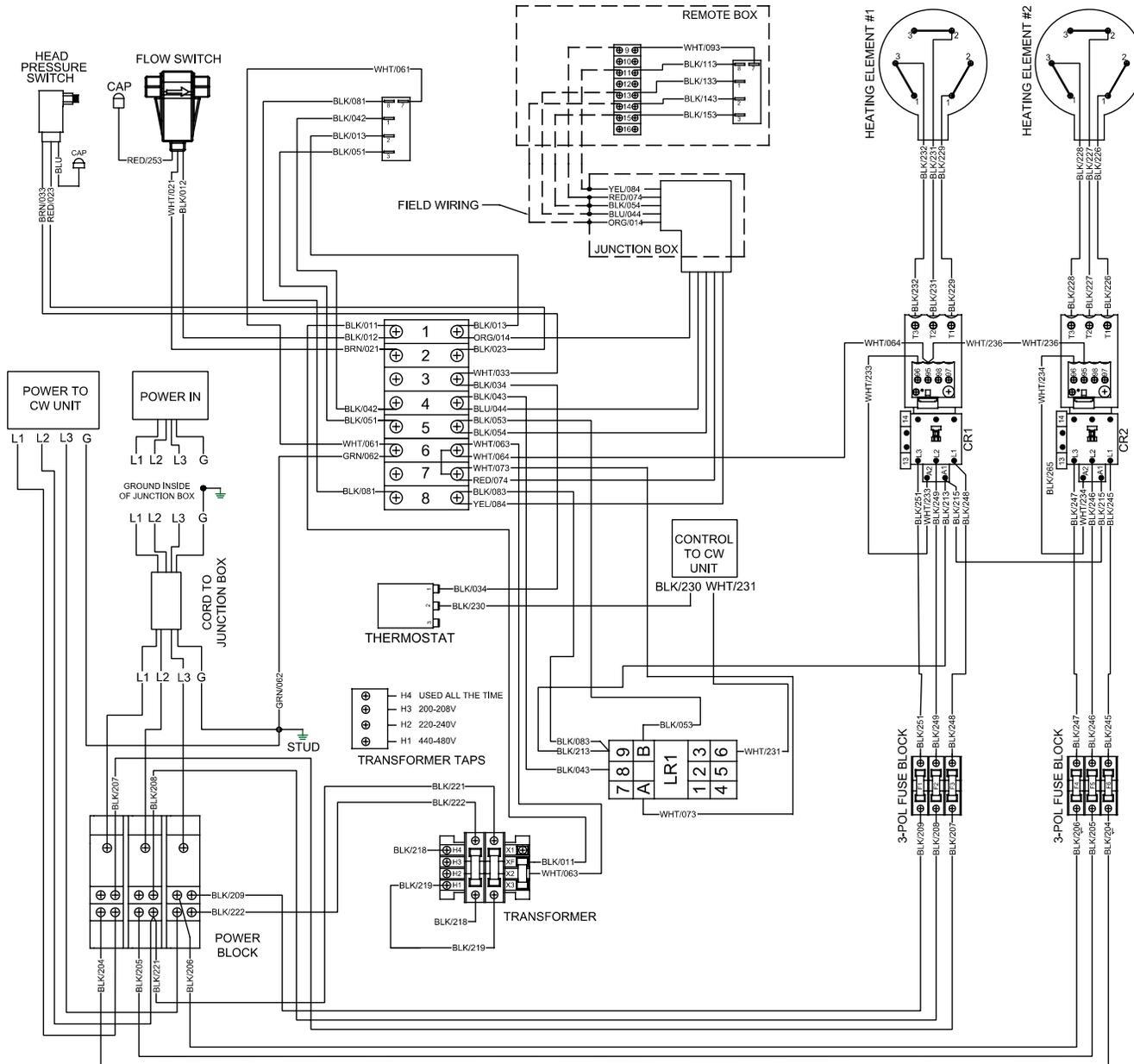
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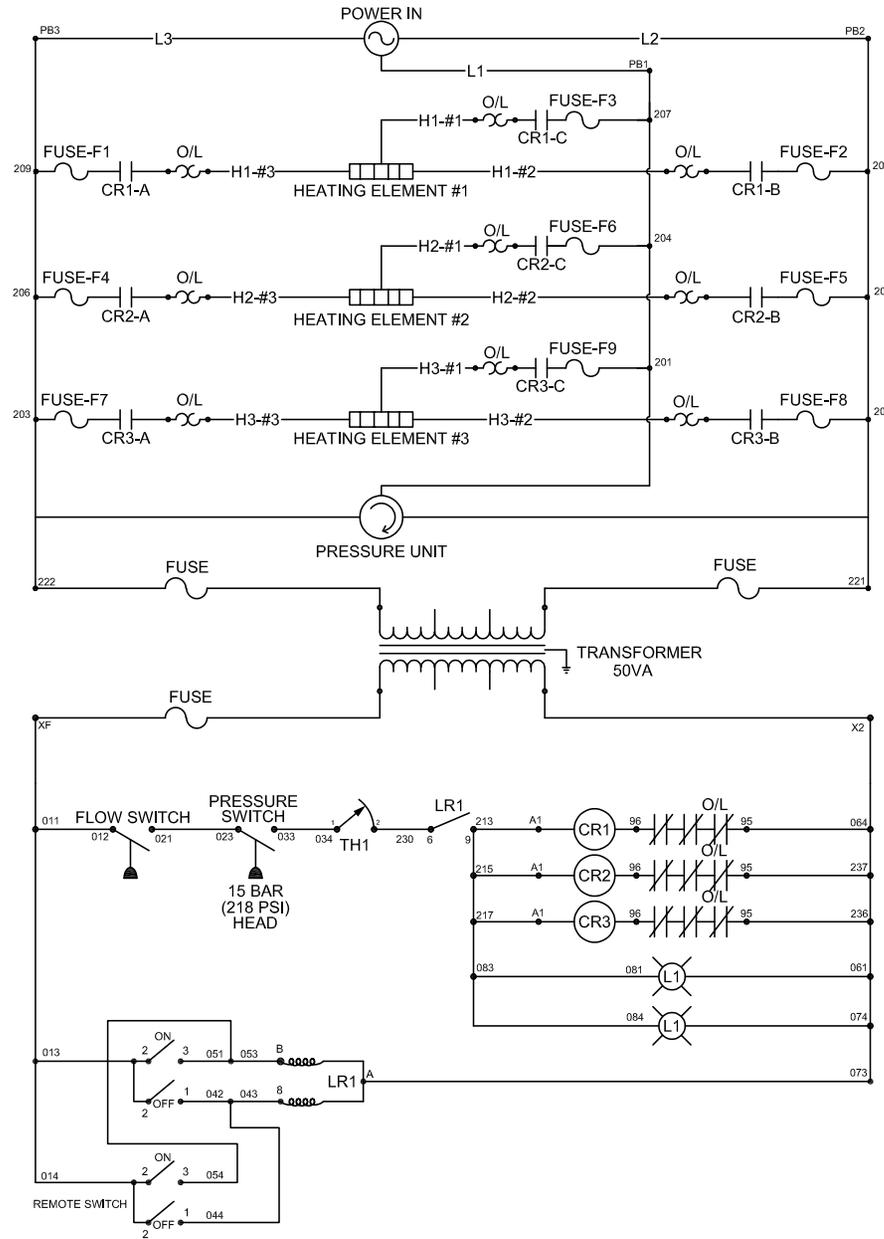
HX-0298 2503 HOT WATER PORTION WS 103025

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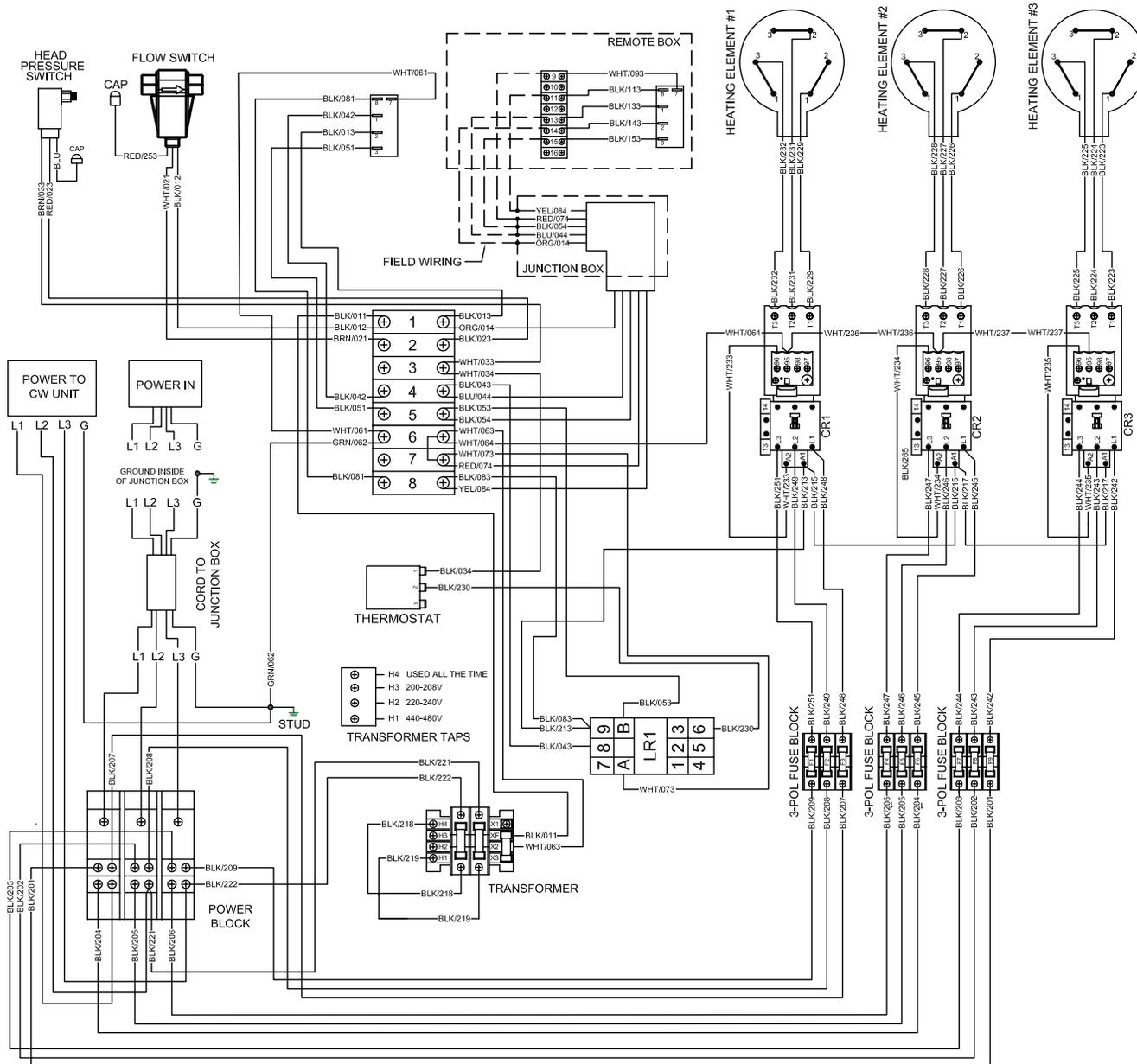
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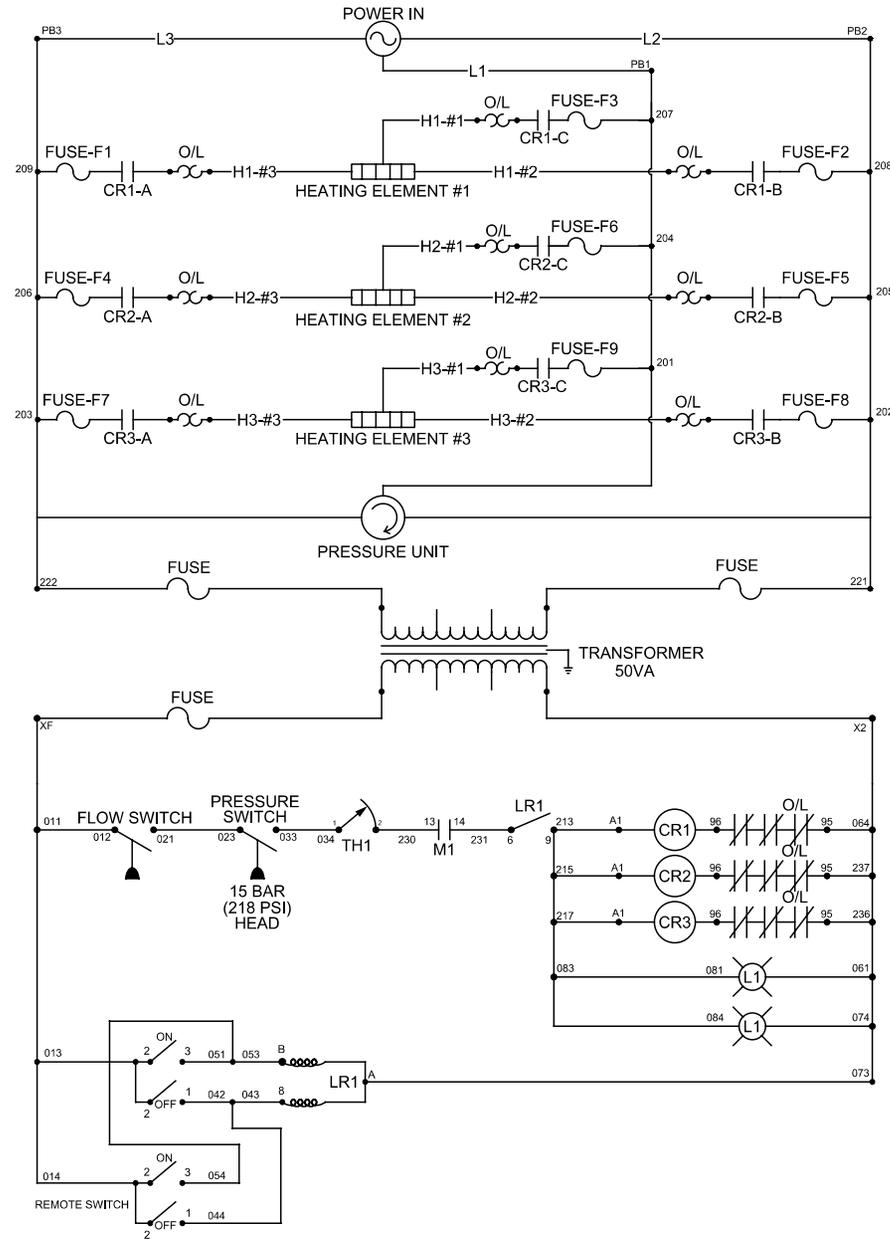
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3004 WIRE DIAGRAM (HX-0298) (BEFORE SERIAL #15174501)



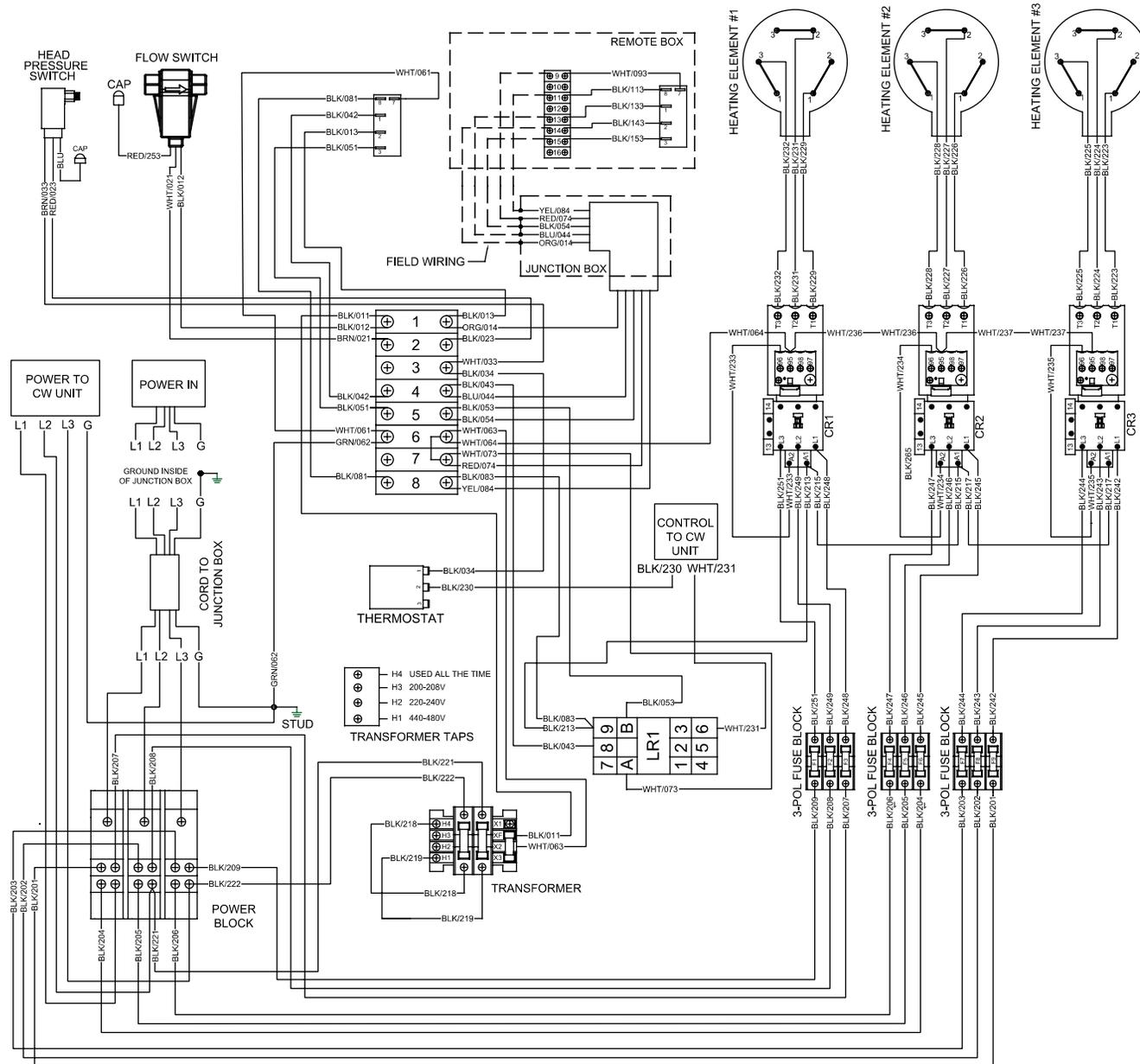
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3004 WIRE SCHEMATIC (HX-0298) (AFTER SERIAL #15174501)



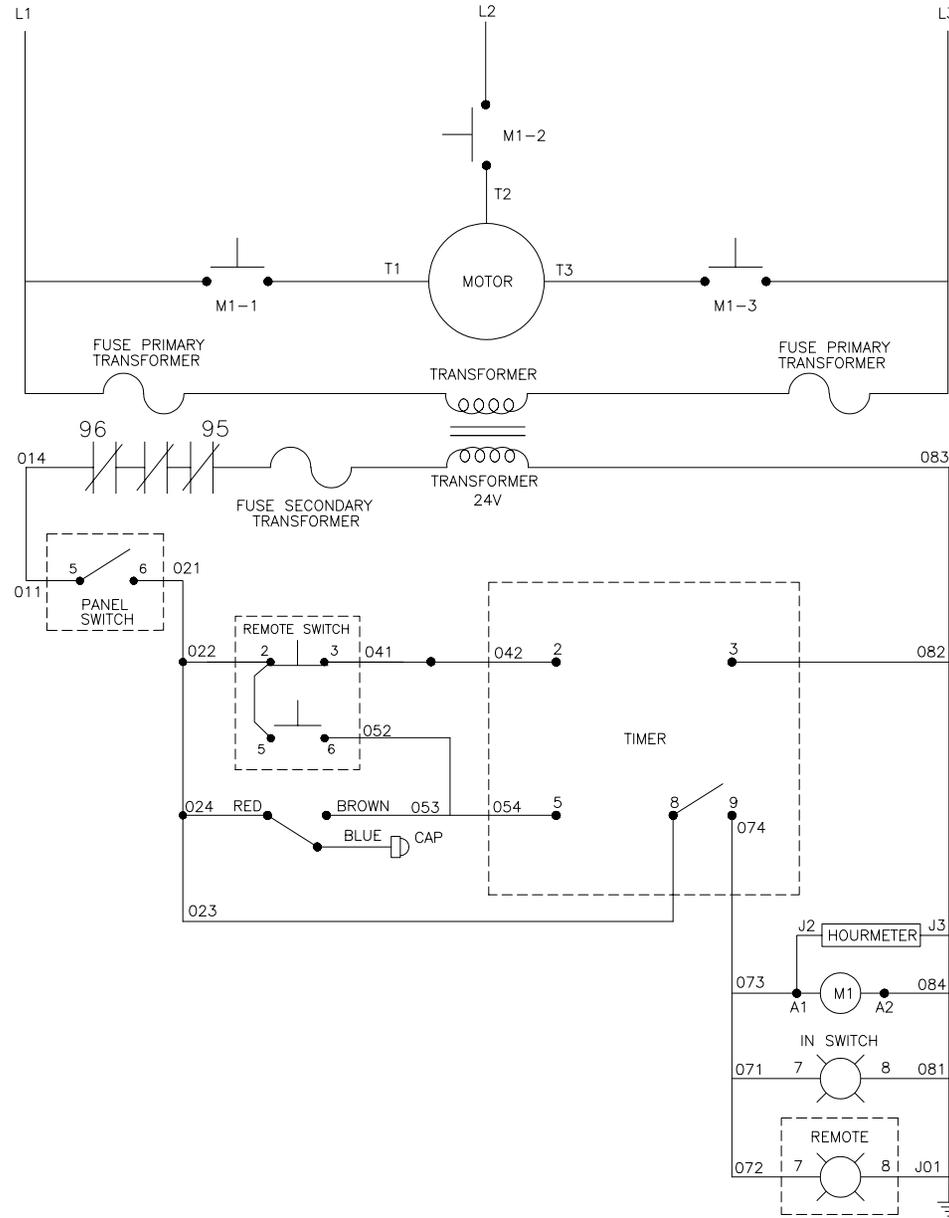
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3004 WIRE DIAGRAM (HX-0298) (AFTER SERIAL #15174501)



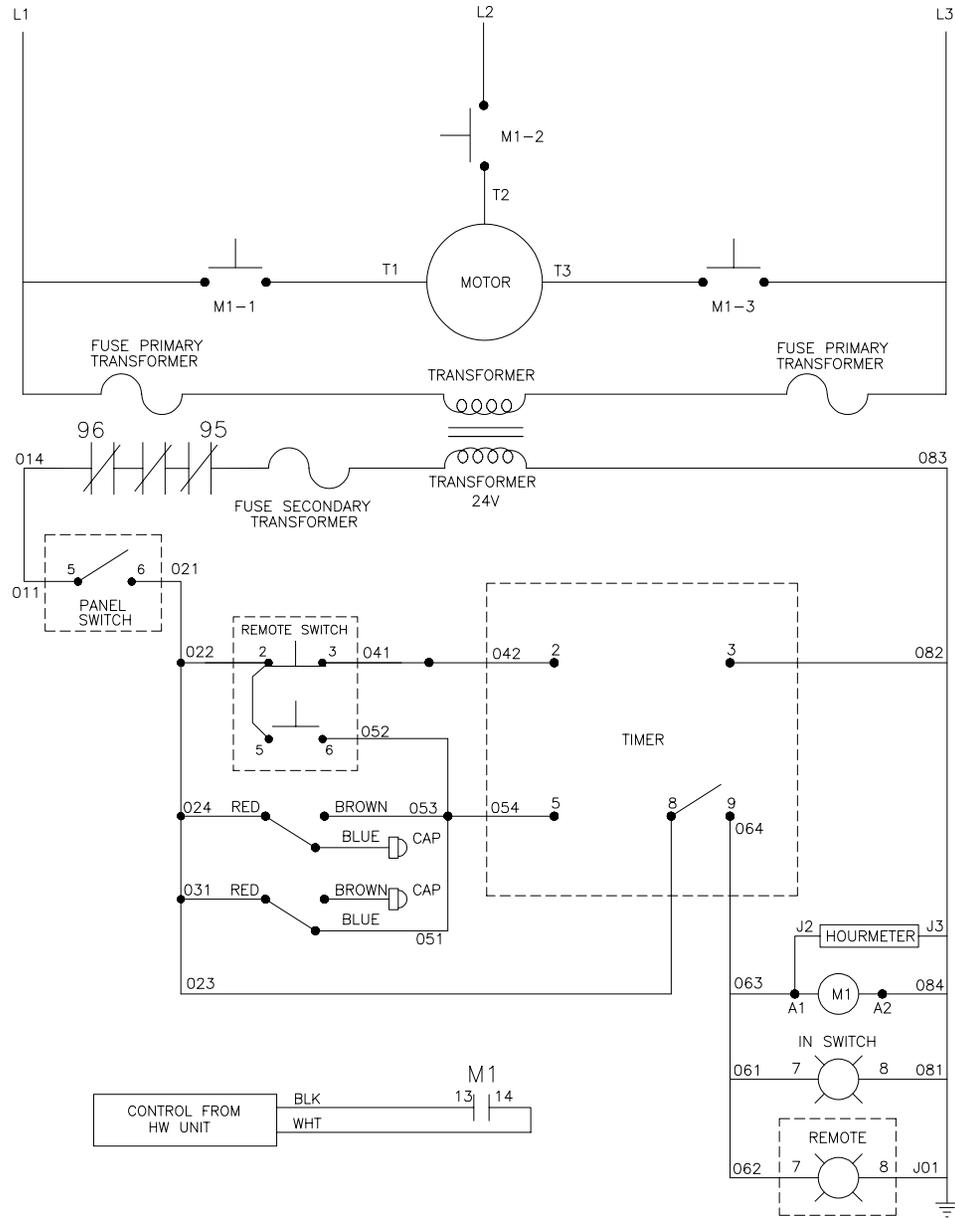
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STANDARD COLD WATER WIRE SCHEMATIC (HX-0298) (BEFORE SERIAL #15174501)



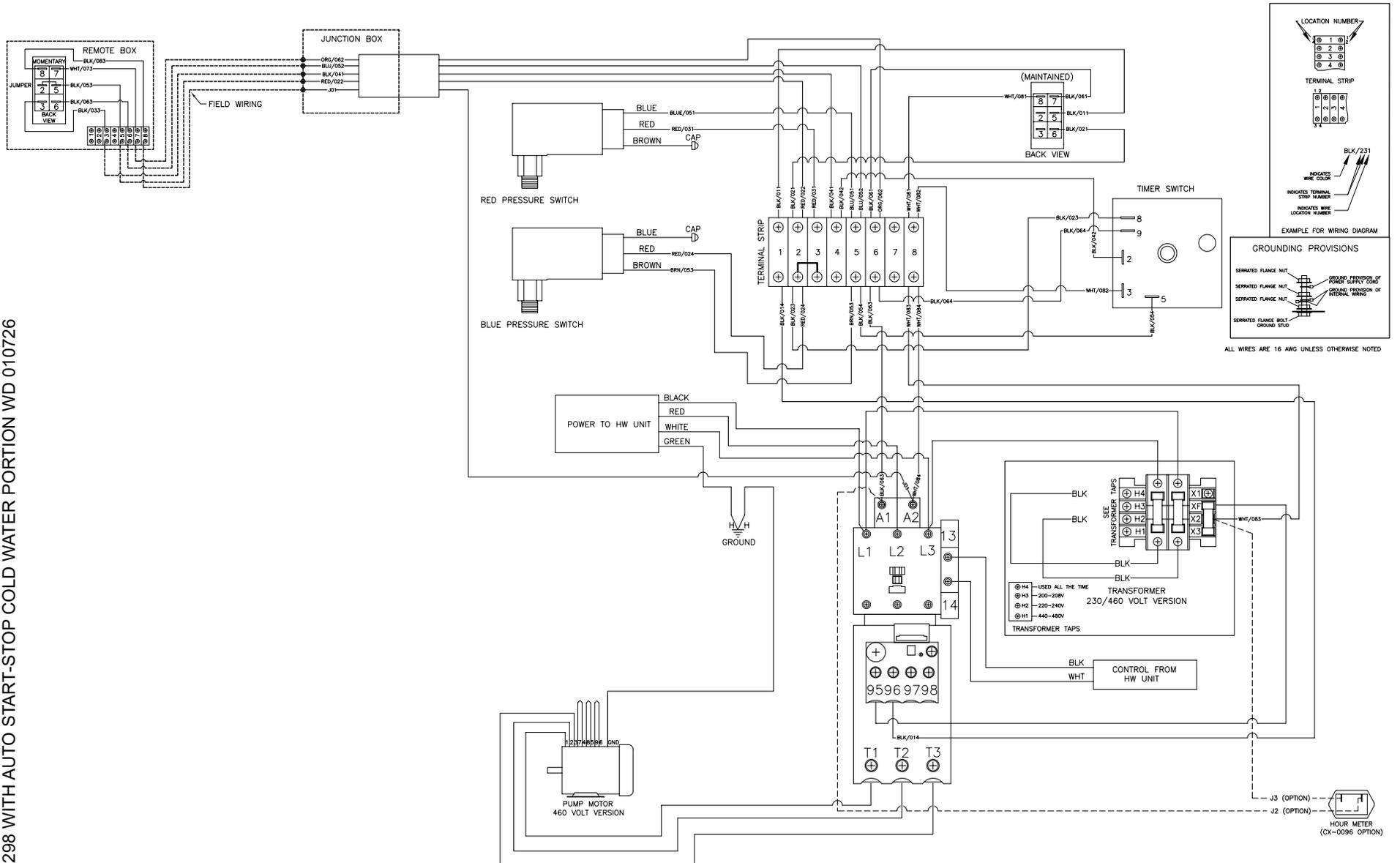
HX-0298 STANDARD COLD WATER PORTION WS 080922

AUTO START STOP COLD WATER WIRE SCHEMATIC (HX-0298 - HX-0307) (AFTER SERIAL #15174501)



HX-0298 WITH AUTO START-STOP COLD WATER PORTION WS 010726

AUTO START STOP COLD WATER WIRE DIAGRAM (HX-0298 - HX-0307) (AFTER SERIAL #15174501)



HX-0298 WITH AUTO START-STOP COLD WATER PORTION WD 010726

