PARTS LIST FOR

GC-4004-0MEW1 (GRAINGER ITEM #486Z80)

COLD WATER WALL MOUNT PRESSURE WASHER

MANUFACTURED FOR W.W. GRAINGER INC.

FOR REPLACEMENT PARTS CALL

888-279-9274

Motor Horsepower:	10.0 H.P.
Pump Oil Grade:	SAE30W Non-Detergent (Grainger Item #4ZF21)
Pump Oil Capacity:	37.2 oz.
Nozzle Size:	4.0

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This Parts Listing has been compiled for your benefit. You can be assured your new Cold Water Pressure Washer was constructed and designed with quality and performance in mind using over 25 years experience in the pressure washer business. 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, COLD 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 manufactured parts for repair of your pressure washer. Failure to do so can cause hazardous operating conditions and will VOID warranty.

2. Know how to stop and bleed pressures quickly. Be thoroughly familiar with controls.

3. Before servicing the unit, turn unit off, relieve the water pressure and allow the unit to cool down. Do not make repairs while the unit is running. Service in a clean, dry, flat area. Block the wheels to prevent the unit from moving. Be especially careful to properly dispose of any flammable materials.

4. After testing the machine, DO NOT leave the pressurized unit unattended. Shut off the unit and release trapped pressure before leaving.

Table of Contents

SPECIFICATIONS **3**
NOTES **4**
NOTES **5**
FRAME ASSEMBLY **6**
PUMP ASSEMBLY (3-0442) (BEFORE SERIAL # 11451319) **8**
PUMP ASSEMBLY (3-0442) (AFTER SERIAL # 11451319) **10**
UNLOADER ASSEMBLY (8-0633) **12**
WALL MOUNT BRACKET ASSEMBLY **14**
WIRING SCHEMATIC **16**
WIRING DIAGRAM **17**

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SPECIFICATIONS

MODEL	GC-4004-0MEW1
Operating Pressure (PSI/Bar):	4000/275.8
High Pressure Nozzle:	4
Water Volume (GPM/lpm):	4.0/15.2
Motor:	Totally enclosed fan cooled, 4ft. power supply cord without Ground Fault Circuit Interuption (GFCI)
Horsepower	10.0
Voltage	230
Phase	Single
Amps	40.8
Pump:	Direct Driven, Oil Bath, Triplex Piston
Oil Type	SAE30W Non-Detergent (Grainger Item #4ZF21)
Oil Capacity (oz.)	37.2/1.1
Plungers	Ceramic
Manifold	Forged Brass
Valves	Stainless Steel
Unloader	Adjustable
Thermal Relief Valve	Relieves heated water during unloader bypass stage
Detergent Injector	Adjustable low pressure down stream from pump
Unit Net Weight (lbs/Kg)	280/127
Unit Shipping Weight (lbs/Kg)	355/161
Unit Net Dimensions (in/cm)	34.0L X 18.0W X 19.0H/86.36L X 45.72W X 48.26H
Unit Shipping Dimensions (in/cm)	49.0L X 31.0W X 36.0H/124.46L X 78.74W X 91.44H

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NOTES

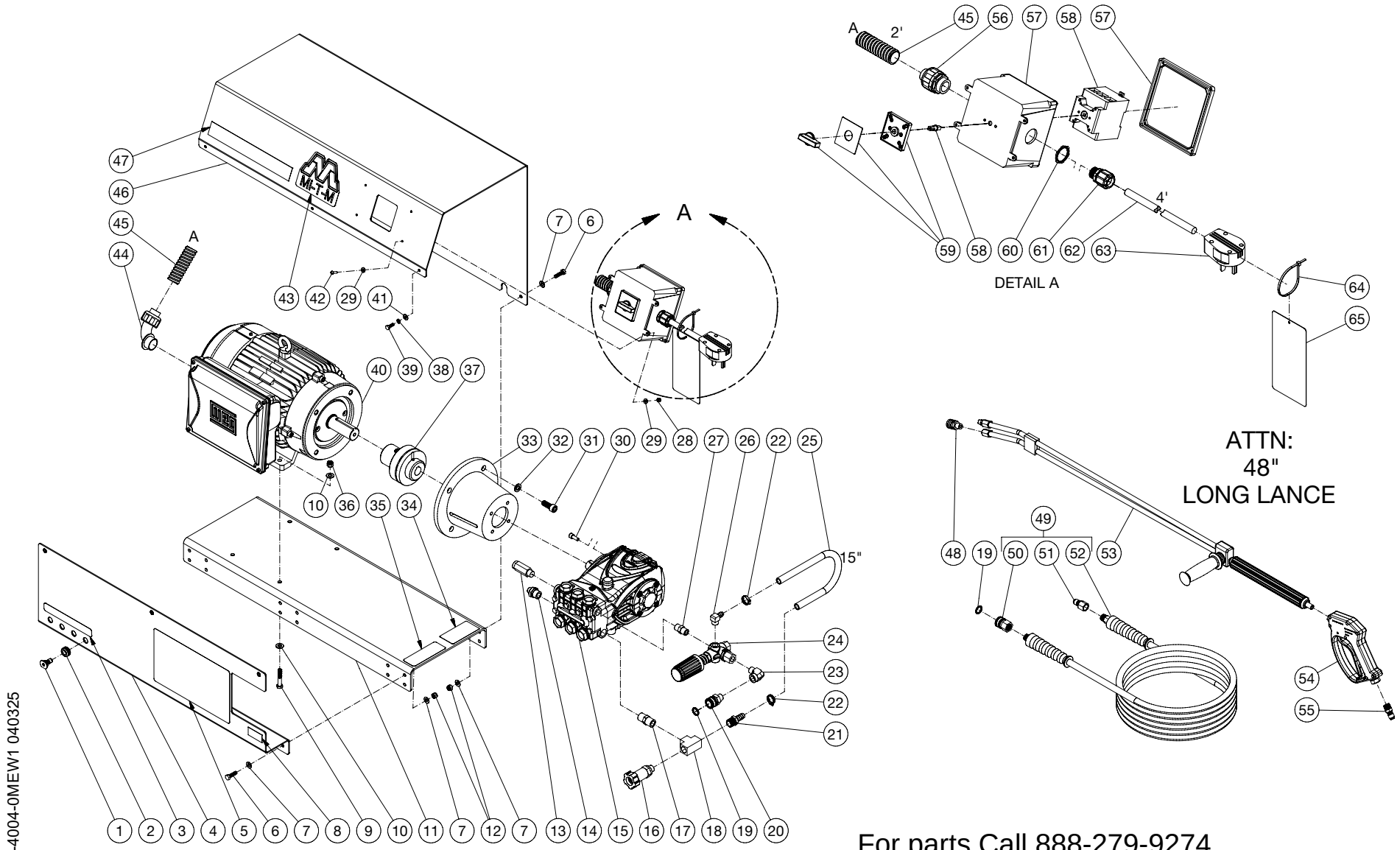
DATE	SERIAL NUMBER BREAK	REASON FOR CHANGE
10/5/23	#11451319	3-0442 PUMP DESIGN CHANGE

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NOTES

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FRAME ASSEMBLY



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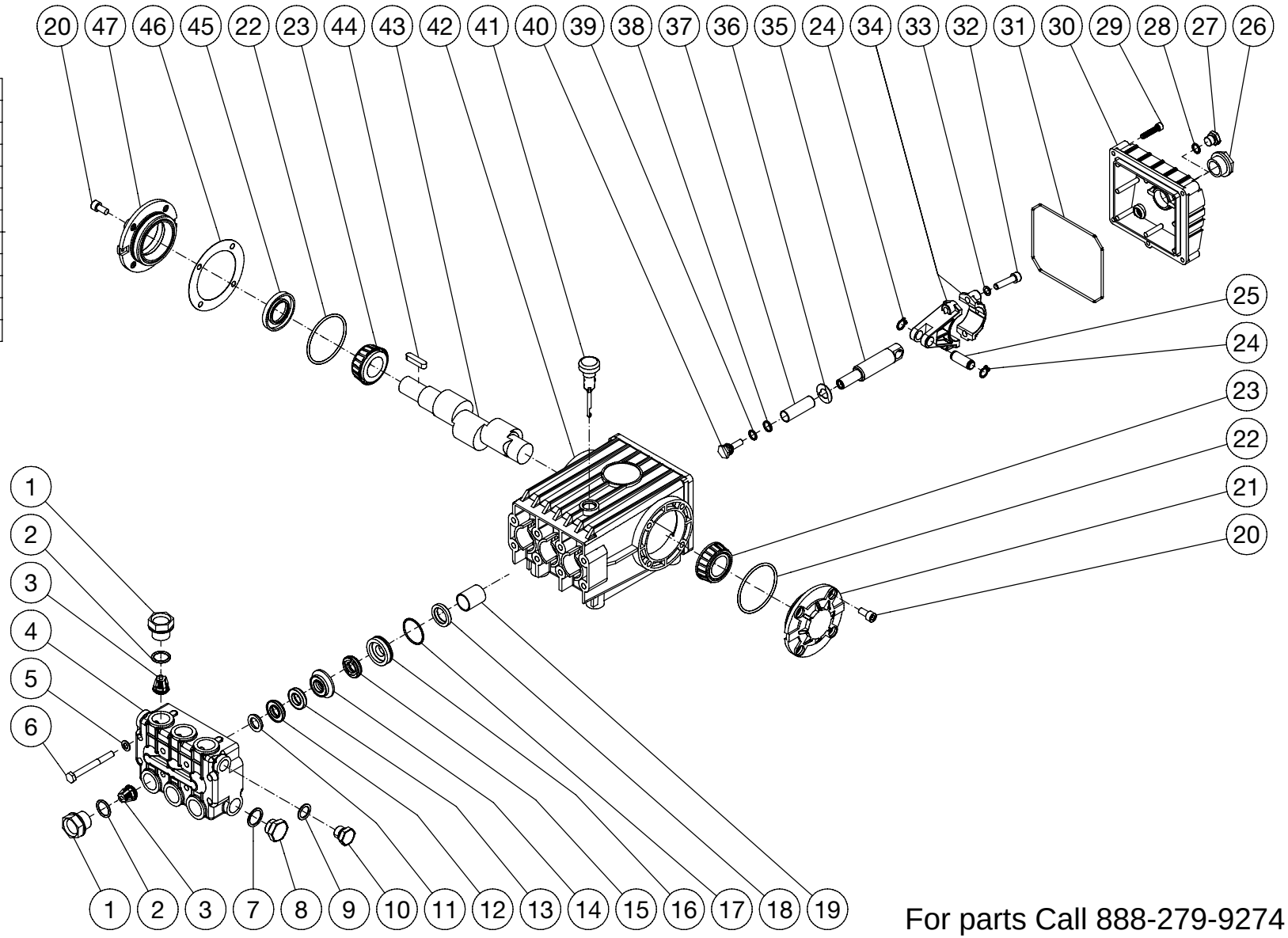
FRAME ASSEMBLY

ITEM	TITLE	PART #	QTY	ITEM	TITLE	PART #	QTY
1	NOZZLE	18-0397	1	33	FLANGE	38-0072	1
-	NOZZLE	18-0399	1	34	DECAL - SILVER STICKER	N/A	1
-	NOZZLE	18-0400	1	35	DECAL - GRAINGER 800# LARGE (SEE 71-1069)	N/A	1
-	NOZZLE	18-0401	1	36	LOCKNUT	30-0159	4
2	GROMMET	33-0001	4	37	COUPLER	38-0073	1
3	DECAL - NOZZLE (SEE 71-1069)	N/A	1	38	LOCKWASHER	29-0006	3
4	ACCESS PANEL	56-0091	1	39	BOLT	27-0015	3
5	DECAL - WARNING (SEE 71-1069)	N/A	1	40	MOTOR	2-0202	1
6	BOLT	27-0068	8	41	WASHER	28-0002	3
7	WASHER	28-0003	16	42	SCREW	27-2811	4
8	DECAL - MADE IN USA	34-3553	1	43	DECAL - Mi-T-M	N/A	1
9	BOLT	27-0121	4	44	CONDUIT ELBOW	32-0907	1
10	WASHER	28-0004	8	45	CONDUIT FLEX *(TWO FEET REQUIRED)	32-0908	1
11	BASEPLATE	5-0383	1	46	HOOD	56-0090	1
12	LOCKNUT	30-0157	8	47	DECAL - STRIPE	N/A	1
13	VALVE	22-0319	1	48	QUICK CONNECT SOCKET	17-0028	1
14	RELIEF VALVE	22-0371	1	49	HOSE ASSEMBLY	851-0338	1
15	PUMP	3-0442	1	50	QUICK CONNECT SOCKET	17-0004	1
16	FILTER	19-0206	1	51	QUICK CONNECT	17-0006	1
17	NIPPLE	23-0012	1	52	HOSE	15-0209	1
18	TEE	23-0043	1	53	DUAL LANCE	16-0417	1
19	O-RING	25-0123	2	54	GUN	16-0446	1
20	QUICK CONNECT SOCKET	17-0007	1	55	QUICK CONNECT	17-0074	1
21	BARB	23-0045	1	56	STRAIGHT CONDUIT FITTING	32-0996	1
22	HOSE CLAMP	42-0011	2	57	ELECTRICAL BOX	32-1387	1
23	ELBOW	24-0105	1	58	SWITCH	32-1232	1
24	UNLOADER	8-0633	1	59	ACTUATOR	32-1228	1
25	HOSE *(TWO FEET REQUIRED)	15-0007	1	60	NUT	32-0515	1
26	ELBOW	23-0050	1	61	CORD RELIEF	9-0048	1
27	NIPPLE	24-0010	1	62	CORD *(FOUR FEET REQUIRED)	32-0021	1
28	LOCKNUT	30-0154	4	63	PLUG	32-0012	1
29	WASHER	28-0001	8	64	CABLE TIE	33-0022	1
30	SCREW	27-8432	4	65	TAG - WARNING RISK OF ELECTROCUTION	N/A	1
31	BOLT	27-0879	4	-	DECAL SET	71-1069	1
32	LOCKWASHER	29-0010	4	*MUST ORDER IN ONE FOOT LENGTHS			

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PUMP ASSEMBLY (3-0442) (BEFORE SERIAL # 11451319)

TORQUE SPECS.	
POSITION	FT-LBS
1	73.7
6	22.1
8	29.4
10	29.4
20	14.7
26	14.7
27	14.7
29	7.3
32	14.7
40	14.7



For parts Call 888-279-9274

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PUMP ASSEMBLY

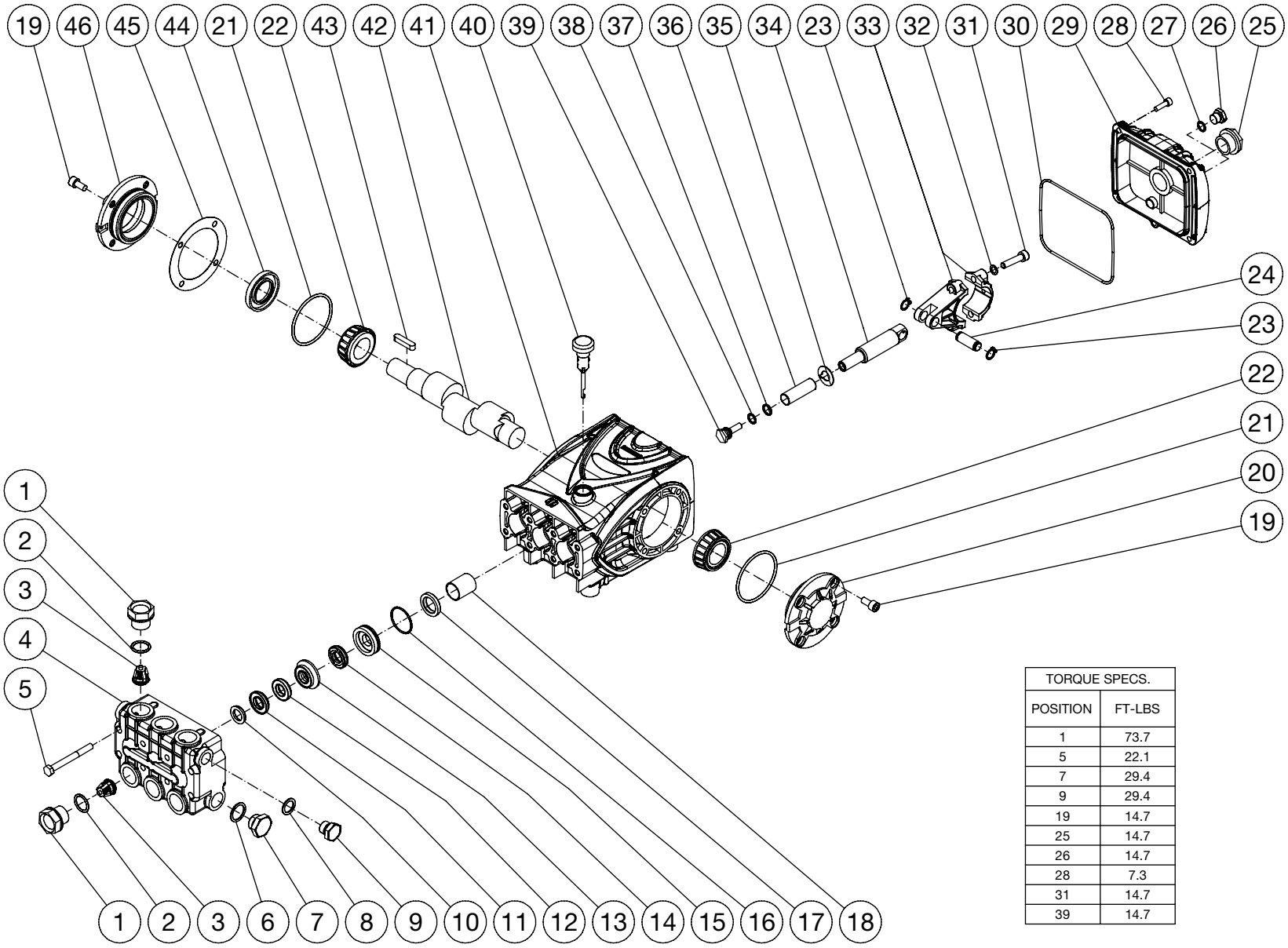
ITEM	DESCRIPTION	PART #	QTY	ITEM	DESCRIPTION	PART #	QTY
1	CAP VALVE (SEE KIT 70-0745)	N/A	6	25	CONNECTING ROD PIN	43-0032	3
2	O-RING	25-0012	6	26	OIL LEVEL INDICATOR	46-0114	1
3	VALVE (SEE KIT 70-0009)	-	6	27	PLUG	39-0017	1
4	MANIFOLD	46-0291	1	28	O-RING	25-0014	1
5	WASHER	28-1039	8	29	BOLT	27-8404	5
6	BOLT	27-8185	8	30	CRANKCASE OPEN COVER	46-0295	1
7	WASHER	28-1038	2	31	O-RING	25-0339	1
8	PLUG	39-0019	2	32	BOLT	27-8435	6
9	WASHER	28-1002	2	33	LOCKWASHER	29-0154	6
10	PLUG	39-0018	2	34	CONNECTING ROD	46-0051	3
11	HEAD RING (SEE KIT 70-0031 & 852-0064)	SEE KIT	3	35	PISTON GUIDE	46-0294	3
12	PACKING (SEE KIT 70-0042 & 852-0064)	46-0338	3	36	SLINGER WASHER	46-0283	3
13	LONG LIFE RING (SEE KIT 70-0042 & 852-0064)	46-0290	3	37	CERAMIC PLUNGER	46-0337	3
14	INTERMEDIATE RING (SEE KIT 70-0210)	46-0289	3	38	RING	25-0137	3
15	V-PACKING (SEE KIT 70-0072 & 852-0064)	46-0287	3	39	O-RING	25-0138	2
16	PACKING RETAINER	46-0286	3	40	PISTON SCREW	46-0285	3
17	O-RING (SEE KIT 852-0064)	25-0015	3	41	OIL DIP STICK	46-0144	1
18	OIL SEAL	26-0047	3	42	CRANKCASE	46-0047	1
19	BUSHING	9-0029	3	43	CRANKSHAFT	46-0050	1
20	BOLT	27-8431	8	44	KEY	43-0048	1
21	CRANKCASE COVER	46-0336	1	45	OIL SEAL	26-0049	1
22	O-RING	25-0013	2	46	SHIM	46-0113	1
23	BEARING	48-0012	2	47	CRANKCASE COVER	46-0296	1
24	RETAINING RING	46-0103	6				

REPLACEMENT KITS

PART #	DESCRIPTION	ITEMS	# OF ASSEMBLIES	# OF CYLINDERS
70-0009	KITS -VALVES	3	6	3
70-0745	KIT - CAP VALVE	1	6	3
70-0031	KITS -HEAD RING	11	3	3
70-0042	KITS - V-PACKING	12, 13, 15	3	3
70-0210	KITS -INTERMEDIATE RETAINER	14	3	3
852-0064	V-PACKING ASSY	11, 12, 13, 15, 17	3	3

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PUMP ASSEMBLY (3-0442) (AFTER SERIAL # 11451319)



TORQUE SPECS.	
POSITION	FT-LBS
1	73.7
5	22.1
7	29.4
9	29.4
19	14.7
25	14.7
26	14.7
28	7.3
31	14.7
39	14.7

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PUMP ASSEMBLY

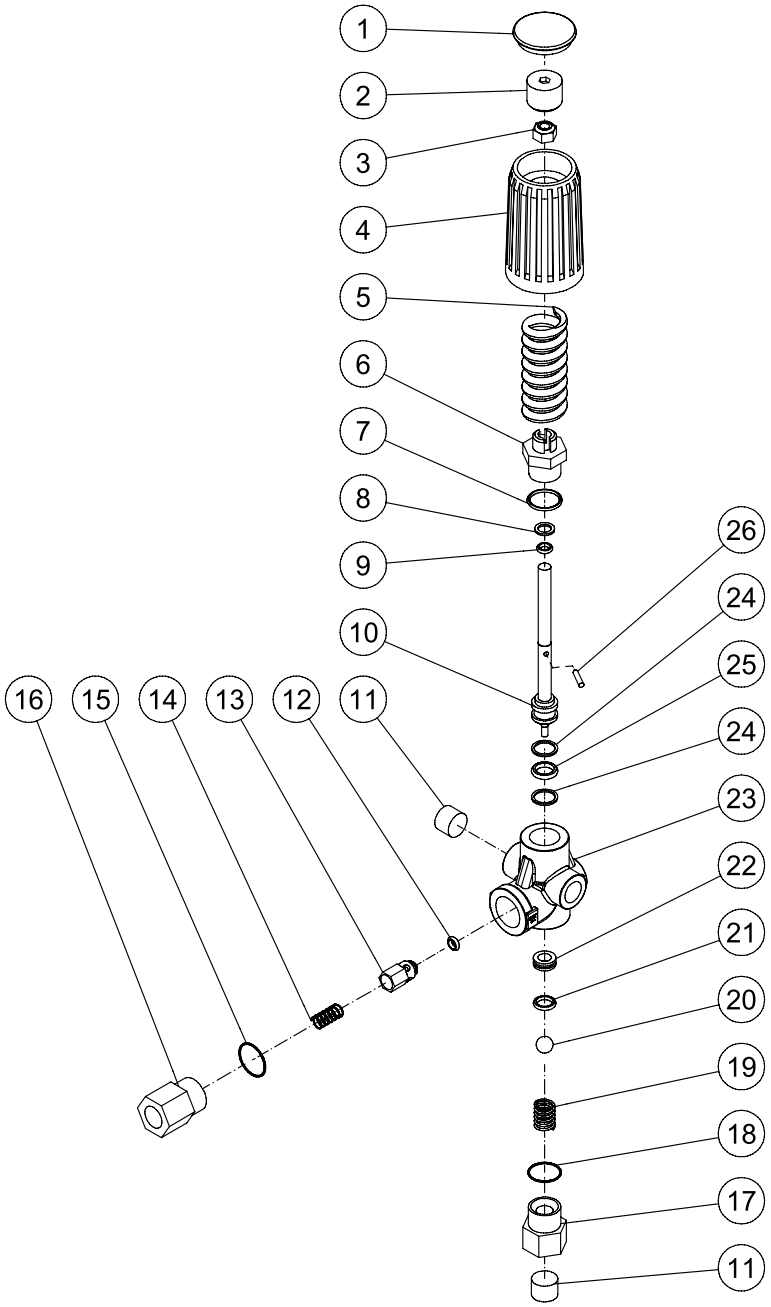
ITEM	TITLE	PART #	QTY	ITEM	TITLE	PART #	QTY
1	CAP VALVE (SEE KIT 70-0745)	SEE KIT	6	24	CONNECTING ROD PIN	43-0032	3
2	O-RING	25-0012	6	25	OIL LEVEL INDICATOR	46-0114	1
3	VALVE (SEE KIT 70-0009)	N/A	6	26	PLUG	39-0017	1
4	MANIFOLD	46-0291	1	27	O-RING	25-0014	1
5	BOLT	27-8185	8	28	BOLT	27-8812	5
6	WASHER	28-1038	2	29	CRANKCASE COVER	46-1906	1
7	PLUG	39-0019	2	30	O-RING	25-0339	1
8	WASHER	28-1002	2	31	BOLT	27-8435	6
9	PLUG	39-0018	2	32	LOCKWASHER	29-0154	6
10	HEAD RING (SEE KIT 70-0031 & 852-0064)	SEE KIT	3	33	CONNECTING ROD	46-0051	3
11	PACKING (SEE KIT 70-0042 & 852-0064)	46-0338	3	34	PISTON GUIDE	46-0294	3
12	LONG LIFE RING (SEE KIT 70-0042 & 852-0064)	46-0290	3	35	SLINGER WASHER	46-0283	3
13	INTERMEDIATE RING (SEE KIT 70-0210)	46-0289	3	36	CERAMIC PLUNGER	46-0337	3
14	V-PACKING (SEE KIT 70-0072 & 852-0064)	46-0287	3	37	RING	25-0137	3
15	PACKING RETAINER	46-0286	3	38	O-RING	25-0138	2
16	O-RING (SEE KIT 852-0064)	25-0015	3	39	PISTON SCREW	46-0285	3
17	OIL SEAL	26-0047	3	40	OIL DIP STICK	46-0144	1
18	BUSHING	9-0029	3	41	CRANKCASE	46-1905	1
19	BOLT	27-8431	8	42	CRANKSHAFT	46-0050	1
20	CRANKCASE COVER	46-0336	1	43	KEY	43-0048	1
21	O-RING	25-0013	2	44	OIL SEAL	26-0049	1
22	BEARING	48-0012	2	45	SHIM	46-0113	1
23	RETAINING RING	46-0103	6	46	CRANKCASE COVER	46-0296	1

REPLACEMENT KITS

KIT #	DESCRIPTION	ITEMS	# OF ASSEMBLIES	# OF CYLINDERS
70-0009	KITS -VALVES	3	6	3
70-0745	KIT - CAP VALVE	1	6	3
70-0031	KITS -HEAD RING	10	3	3
70-0042	KITS - V-PACKING	11, 12, 14	3	3
70-0210	KITS -INTERMEDIATE RETAINER	13	3	3
852-0064	V-PACKING ASSY	10, 11, 12, 14, 16	3	3

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UNLOADER ASSEMBLY (8-0633)



8-0633 052913 JDK

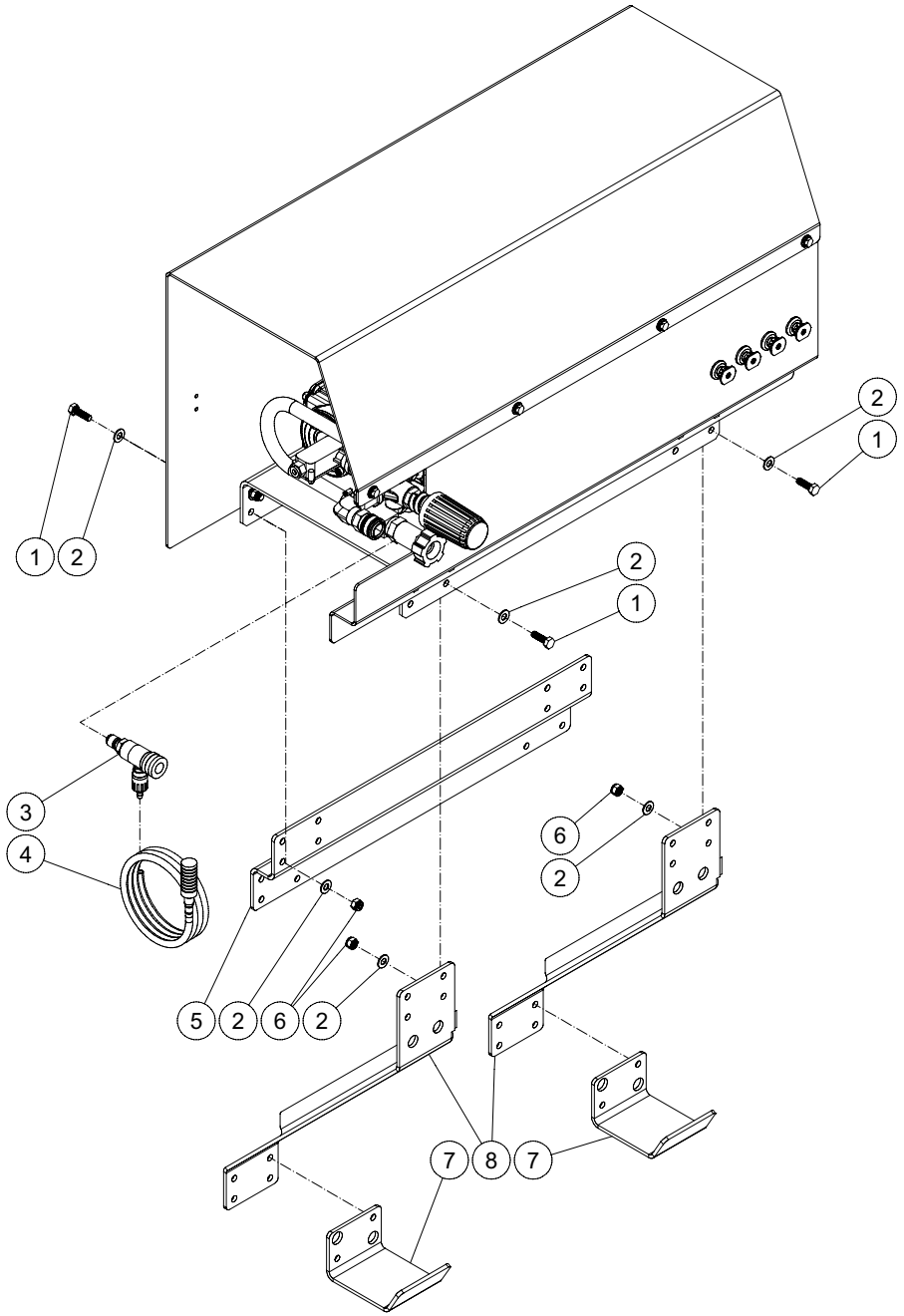
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8-0633 052913 JDK				
UNLOADER				
ITEM	DESCRIPTION		PART #	QTY
1	CAP		39-0252	1
2	NUT		46-1528	1
3	LOCKNUT		30-3156	1
4	KNOB		7-0242	1
5	SPRING		49-0171	1
6	FITTING		46-1529	1
7	O-RING	(SEE KIT 70-0625)	SEE KIT	1
8	O-RING	(SEE KIT 70-0625)	SEE KIT	1
9	O-RING	(SEE KIT 70-0625)	SEE KIT	1
10	STEM		46-1530	1
11	PLUG		23-0244	2
12	O-RING	(SEE KIT 70-0624)	SEE KIT	1
13	POPPET	(SEE KIT 70-0624)	SEE KIT	1
14	SPRING	(SEE KIT 70-0624)	SEE KIT	1
15	O-RING		25-0672	1
16	OUTLET FITTING		46-1531	1
17	INLET FITTING	(SEE KIT 70-0625)	SEE KIT	1
18	O-RING	(SEE KIT 70-0625)	SEE KIT	1
19	SPRING		49-0172	1
20	BALL	(SEE KIT 70-0625)	SEE KIT	1
21	O-RING	(SEE KIT 70-0625)	SEE KIT	1
22	SEAT		46-1532	1
23	FORGING		46-1533	1
24	BACKUP RING	(SEE KIT 70-0625)	SEE KIT	2
25	O-RING	(SEE KIT 70-0625)	SEE KIT	1
26	PIN	(SEE KIT 70-0625)	SEE KIT	1

REPLACEMENT KITS			
KIT #	DESCRIPTION	ITEMS	QTY
70-0624	KIT - CHECK VALVE	12-14	1, 1, 1
70-0625	KIT - UNLOADER REBUILD	7-9, 17, 18, 20, 21, 24-26	1, 1, 1, 1, 1, 1, 1, 2, 1, 1

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WALL MOUNT BRACKET ASSEMBLY



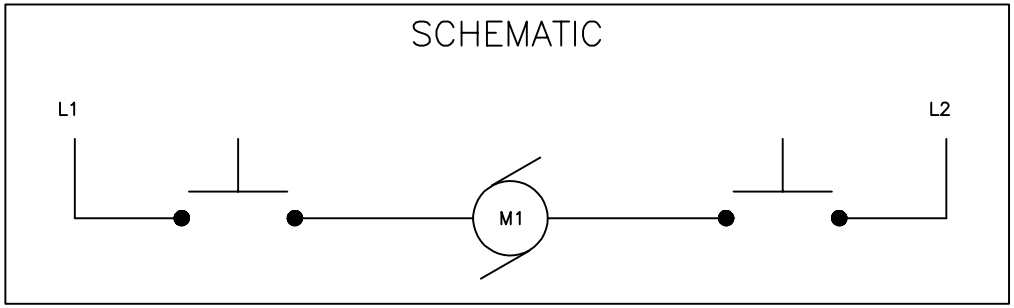
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CAW_GC 4004 WALL MOUNT BRACKET ASSY 031221 RSW			
WALL MOUNT BRACKET ASSEMBLY			
ITEM	TITLE	PART #	QTY
1	BOLT	27-0067	12
2	WASHER	28-0003	24
3	CHEMICAL INJECTOR	50-0182	1
4	DETERGENT HOSE	19-0233	1
5	SPACER BRACKET	13-0249	1
6	LOCKNUT	30-0157	12
7	HOSE HANGER BRACKET	13-0240	2
8	WALL MOUNT BRACKET	13-0237	3

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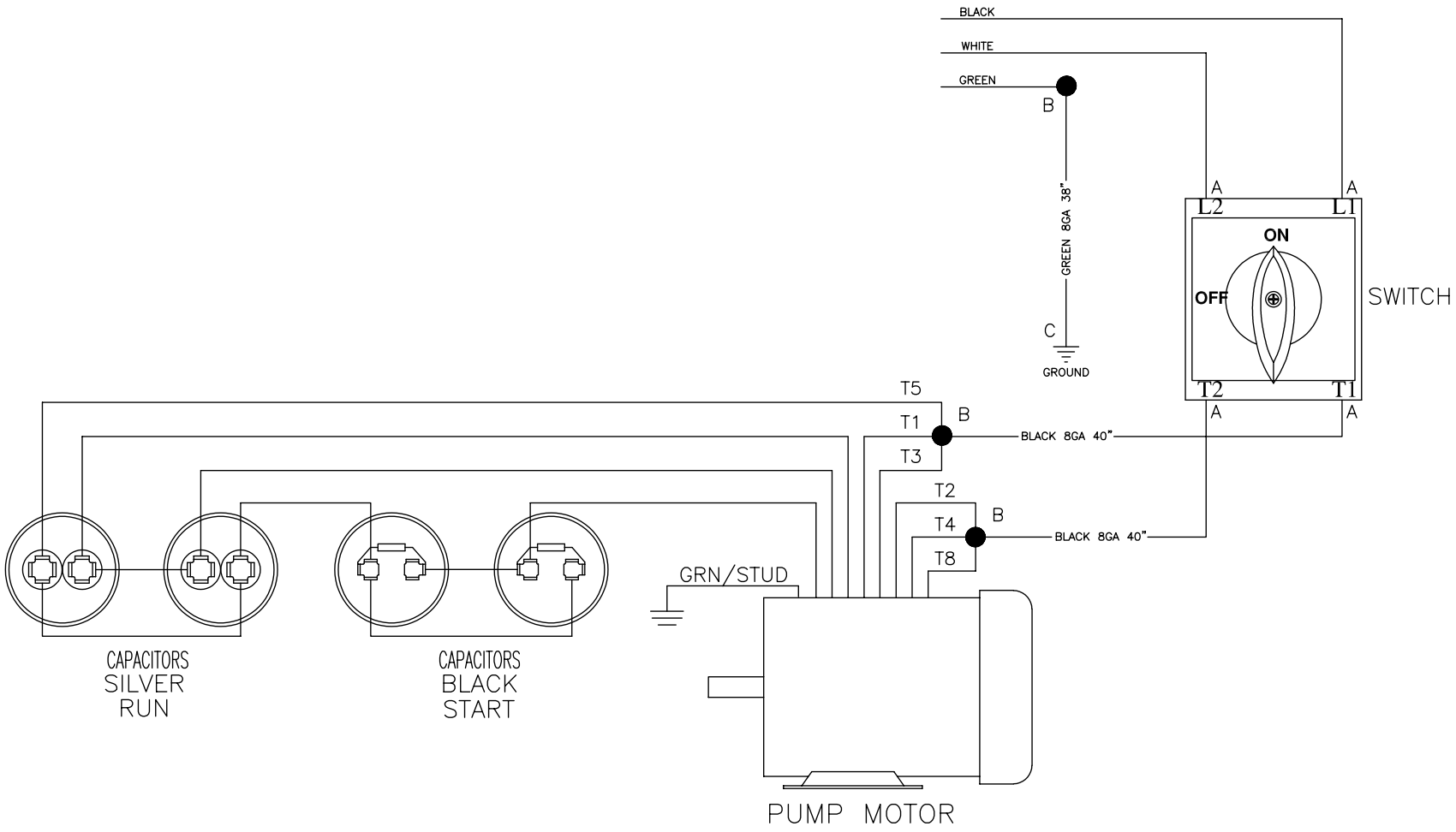
WIRING SCHEMATIC



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WIRING DIAGRAM



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