

Mi-T-M[®] CORPORATION

8650 Enterprise Drive, Peosta IA 52068

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PARTS LIST FOR CW-2004-1ME1/1ME3

Motor Horsepower:

5.0 HP

Pump Oil Grade:

Mi-T-M Pump Oil #AW-4085-0016

Pump Oil Capacity:

15.2 oz.

Nozzle Size:

5.0

This Parts Listing has been compiled for your benefit. You can be assured your Mi-T-M 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. Mi-T-M 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 Mi-T-M parts for repair of your pressure washer. Failure to do so can cause hazardous operating conditions and will VOID warranty.
2.

NEVER make adjustments on machinery while the unit is connected to the power source. Turning over the machinery by hand during adjustment or cleaning might start the machinery, causing serious injury to the operator.
3.

Know how to stop and bleed pressures quickly. Be thoroughly familiar with controls.
4.

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.
5.

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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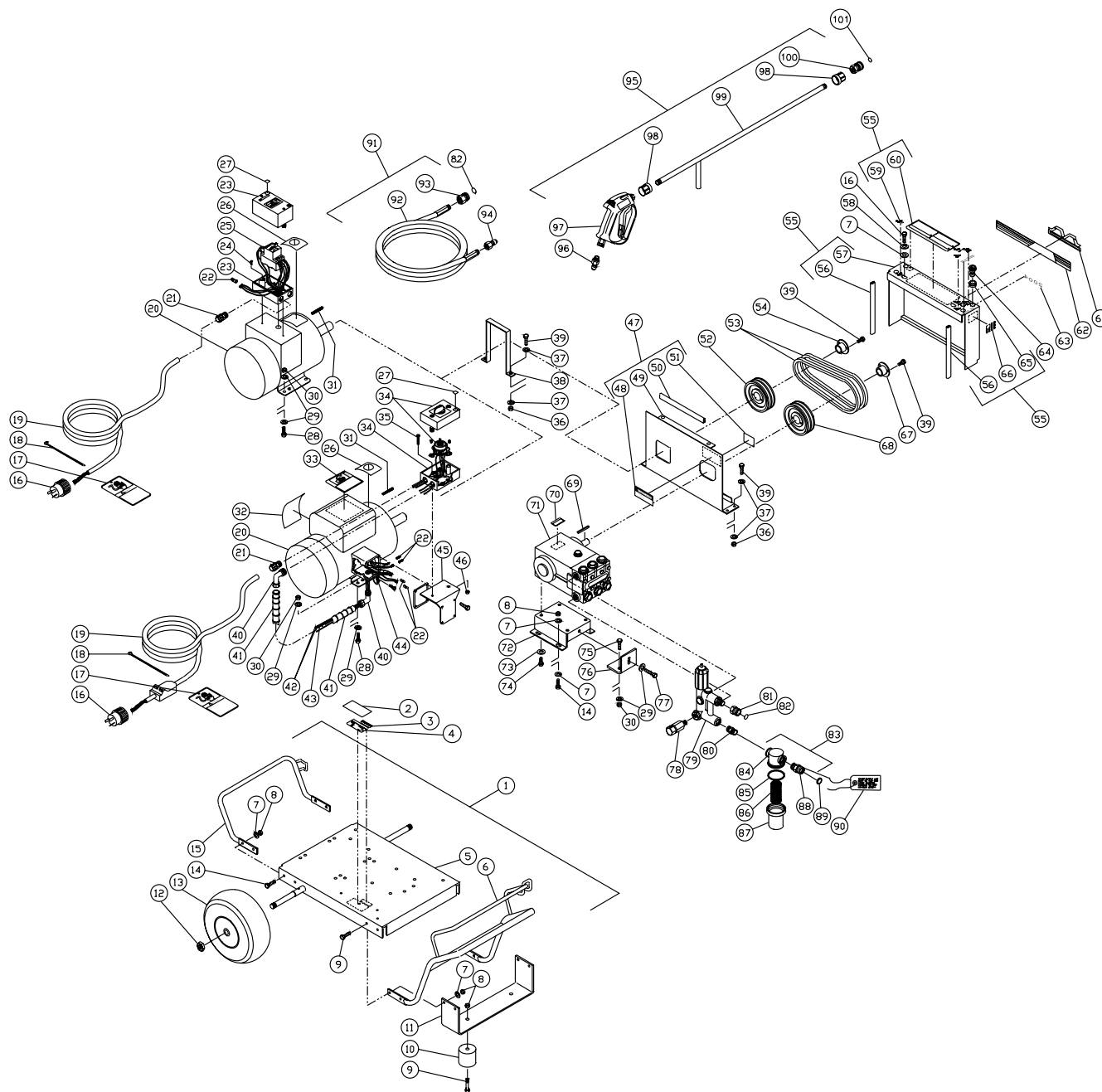
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SPECIFICATIONS

CW-2004-1ME1/3

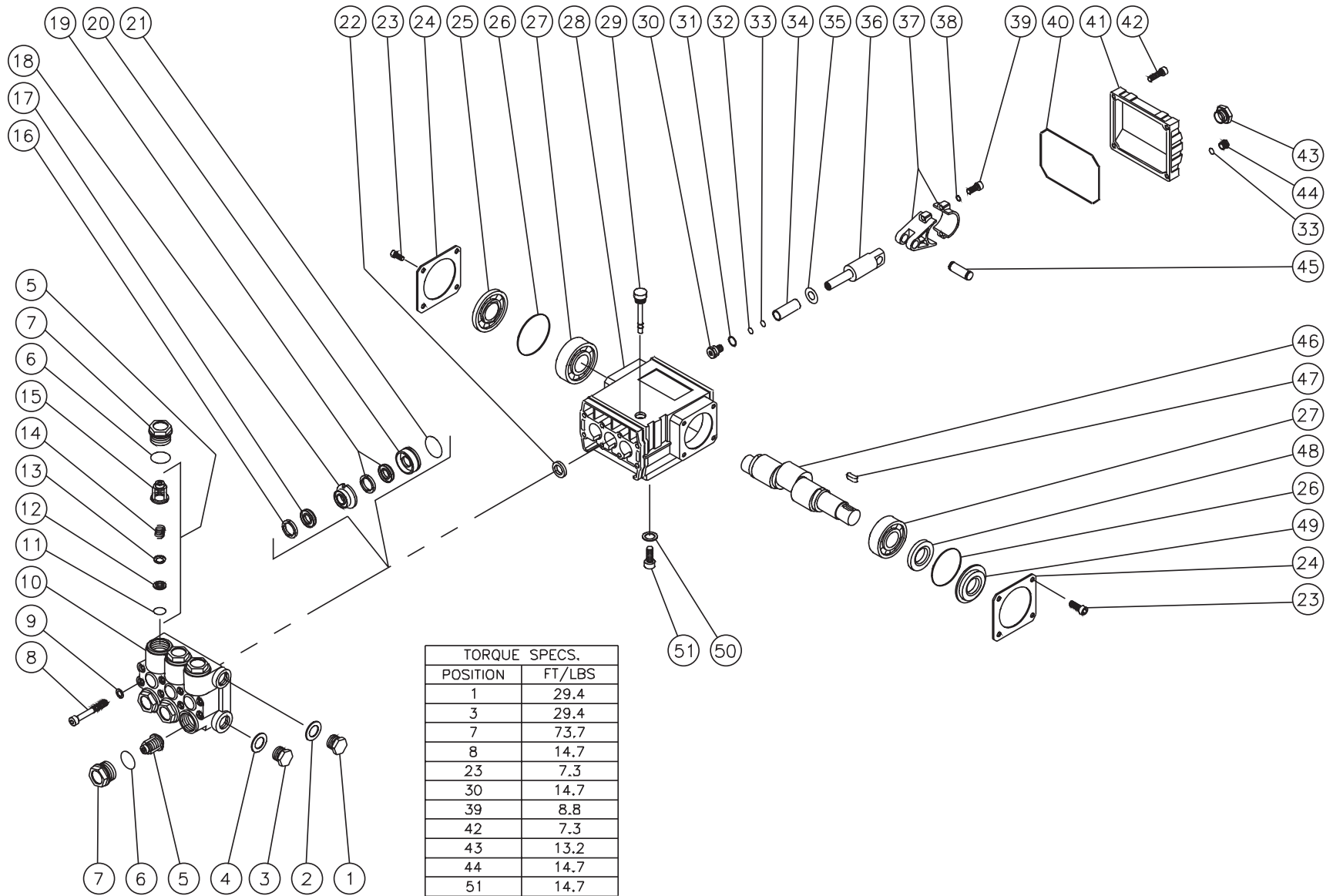
MODEL NUMBER	CW-2004-1ME1	CW-2004-1ME3
Operating Pressure (PSI/Bar):	2000/138	
High Pressure Nozzle:	5.0	
Water Volume (GPM/lpm):	3.6/13.6	
Motor:	Totally enclosed fan cooled, circuit breaker thermal overload protection, 35ft. power supply cord with Ground Fault Circuit Interrupter (GFCI)	
Horsepower	5.0	
Voltage	230	230/480
Phase	Single	Three
Amps	21.5	14/7
Pump:	Direct Driven, Oil Bath, Triplex Piston	
Oil Type	Mi-T-M Pump Oil #AW-4085-0016	
Oil Capacity (oz./liters)	15.2/.45	
Plungers	Ceramic	
Manifold	Forged Brass	
Valves	Stainless Steel	
Unloader	Adjustable	
Heat Dump Valve	Relieves heated water during unloader bypass stage	
Unit Net Weight (lbs/Kg)	172/78	160/73
Unit Shipping Weight (lbs/Kg)	259/118	247/112
Unit Net Dimension (in/cm)	40x32.5x25.5/101.5x82.5x65	
Unit Shipping Dimension (in/cm)	48.5x30.5x35.5/123x77.5x90	

FRAME ASSEMBLY FOR CW-2004-1ME1/1ME3



FRAME ASSEMBLY FOR CW-2004-1ME1/1ME3											
REF #	DESCRIPTION	PART #	QTY	REF #	DESCRIPTION	PART #	QTY	REF #	DESCRIPTION	PART #	QTY
1	Base Plate Assembly (Inc. 5-15)	851-0211	1	32	Decal- Operating Instnctions (CW-2004-1ME1)	34-0432	1	66	Decal- American Flag	34-0521	1
2	Decal- Clear Laminate	N/A	1	33	Decal- Warning: Risk of Electrocuton (CW-2004-1ME1)	34-0431	1	67	Bushing	9-0017	1
3	Decal- Serial Number	N/A	1	34	Switch (CW-2004-1ME1)	32-0350	1	68	Sheave - Pump	10-0065	1
4	Decal- Data Plate	N/A	1	35	Screw (CW-2004-1ME1)	27-2811	2	69	Key - Pump	43-0028	1
5	Base Plate	5-0090ULA01	1	36	Locknut	30-0155	6	70	Decal - Important: Pump Instructions	34-0128	1
6	Front Handle	7-0084	1	37	Washer	28-0002	12	71	Pump	3-0080	1
7	Washer	28-0003	18	38	Finger Guard	6-0054A01	1	72	Pump Bracket	5-0097A01	1
8	Locknut	30-0157	14	39	Bolt	27-0015	6	73	Washer	29-0054	4
9	Bolt	27-0068	6	40	Conduit Elbow (CW-2004-1ME1)	32-0254	2	74	Bolt	27-8042	4
10	Isolator	14-0008	2	41	Conduit (CW-2004-1ME1) *(One Foot Required)	32-0253	1	75	Bolt	27-0117	2
11	Underbracket	13-0042A01	1	42	Black Wire (CW-2004-1ME1) *(Four Feet Required)	32-0091	2	76	Brace Tightener	13-0005A01	1
12	Jamnut	30-0117	2	43	Green Wire (CW-2004-1ME1) *(Two Feet Required)	32-0248	1	77	Bolt	27-0576	1
13	Wheel	14-0006	2	44	Terminal (CW-2004-1ME1)	32-0034	1	78	Heat Dump Valve	22-0208	1
14	Bolt	27-0067	10	45	Mounting Bracket Switch (CW-2004-1ME1)	20-0317A01	1	79	Unloader	8-0316	1
15	Rear Handle	7-0085	1	46	Locknut (CW-2004-1ME1)	30-0154	2	80	Hex Nipple	23-0012	1
16	Plug- 230V (CW-2004-1ME1)	32-0029	1	47	Beltguard Back Assembly (Inc. 48-51)	851-0281	1	81	Quick Connect Socket	17-0004	1
-	Plug- 230V (CW-2004-1ME3)	32-0118	1	48	Decal- Caution: High Pressure Spray	34-0080	1	82	O-ring (Replacement Only)	25-0123	-
-	Plug- 480V (CW-2004-1ME3) (CX-0002)	32-0117	1	49	Beltguard Back (See 851-0281)	N/A Sep.	1	83	Strainer (Inc. 84-88)	19-0057	1
17	Tag - Risk of Electrocuton (CW-2004-1ME1)	34-0417	1	50	Edging *(Two Feet Required)	33-0020	1	84	Strainer Cap	19-0058	1
-	Tag - Risk of Electrocuton (CW-2004-1ME3)	34-0330	1	51	Decal- Warning: Do Not Remove	34-0575	1	85	Strainer Gasket	26-0160	1
18	Cable Tie	33-0022	1	52	Sheave	10-0025	1	86	Stainless Steel Screen	19-0059	1
19	Cord (CW-2004-1ME1) *(Thirty-five Feet Required)	32-0334	1	53	Belt (CW-2004-1ME1)	11-0012	2	87	Strainer Bowl	19-0060	1
-	Cord (CW-2004-1ME3) *(Ten Feet Required)	32-0025	1	-	Belt (CW-2004-1ME3)	11-0016	2	88	Garden Hose Swivel	23-0095	1
20	Motor - 5.0 HP (CW-2004-1ME1)	2-0078	1	54	Bushing (CW-2004-1ME1)	9-0008	1	89	Garden Hose Gasket	26-0001	1
-	Motor - 5.0 HP (CW-2004-1ME3)	2-0091	1	-	Bushing (CW-2004-1ME3)	9-0010	1	90	Tag - Water Supply Inlet	34-0097	1
21	Cord Strain Relief (CW-2004-1ME1)	32-0358	1	55	Beltguard Cover Assembly (Inc. 56, 57, 59, 60, 65, 66)	851-0282	1	91	Pressure Hose Assembly (Inc. 92-94)	851-0007	1
-	Cord Strain Relief (CW-2004-1ME3)	32-0013	1	56	Edging *(Two Feet Required)	33-0020	1	92	Pressure Hose	15-0003	1
22	Crimped Wire Splice (CW-2004-1ME1)	32-0359	3	57	Beltguard Cover (See 851-0282)	N/A Sep.	1	93	Quick Connect Socket	17-0004	1
-	Crimped Wire Splice (CW-2004-1ME3)	32-0359	1	58	Lockwasher	29-0007	2	94	Quick Connect Plug	17-0006	1
23	Starter Enclosure (CW-2004-1ME3)	32-0293	1	59	Decal- Die Cut Nozzles	34-0500	1	95	Gun / Wand Assembly (Inc. 96-100)	851-0200	1
24	Screw (CW-2004-1ME3)	27-3048	1	60	Decal- Warning/Caution/Operation	34-0362	1	96	Quick Connect Plug	17-0005	1
25	Starter- 230V (CW-2004-1ME3)	32-0297	1	61	Decal- Mi-T-M Logo	34-0086	1	97	Gun	16-0191	1
-	Starter- 480V (CW-2004-1ME3) (CX-0002)	32-0296	1	62	Decal- Mi-T-M Stripe	34-0003	1	98	Gun / Wand Connector	16-0182	2
26	Decal- Do Not Spray	34-0391	1	63	Decal- Die Cut 2004	34-0036	1	99	Wand	16-0206	1
27	Decal- Void if Removed	34-0085	1	64	Spray Nozzle- 0005	18-0003	1	100	Quick Connect Socket	17-0001	1
28	Bolt	27-0118	4	-	Spray Nozzle- 1505	18-0004	1	101	O-ring (Replacement Only)	25-0122	-
29	Washer	28-0023	11	-	Spray Nozzle- 2505	18-0153	1	*Must Order in One Foot Lengths			
30	Locknut	30-0159	6	-	Spray Nozzle- 4005	18-0180	1				
31	Key-Motor	43-0078	1	65	Grommet	33-0001	5				

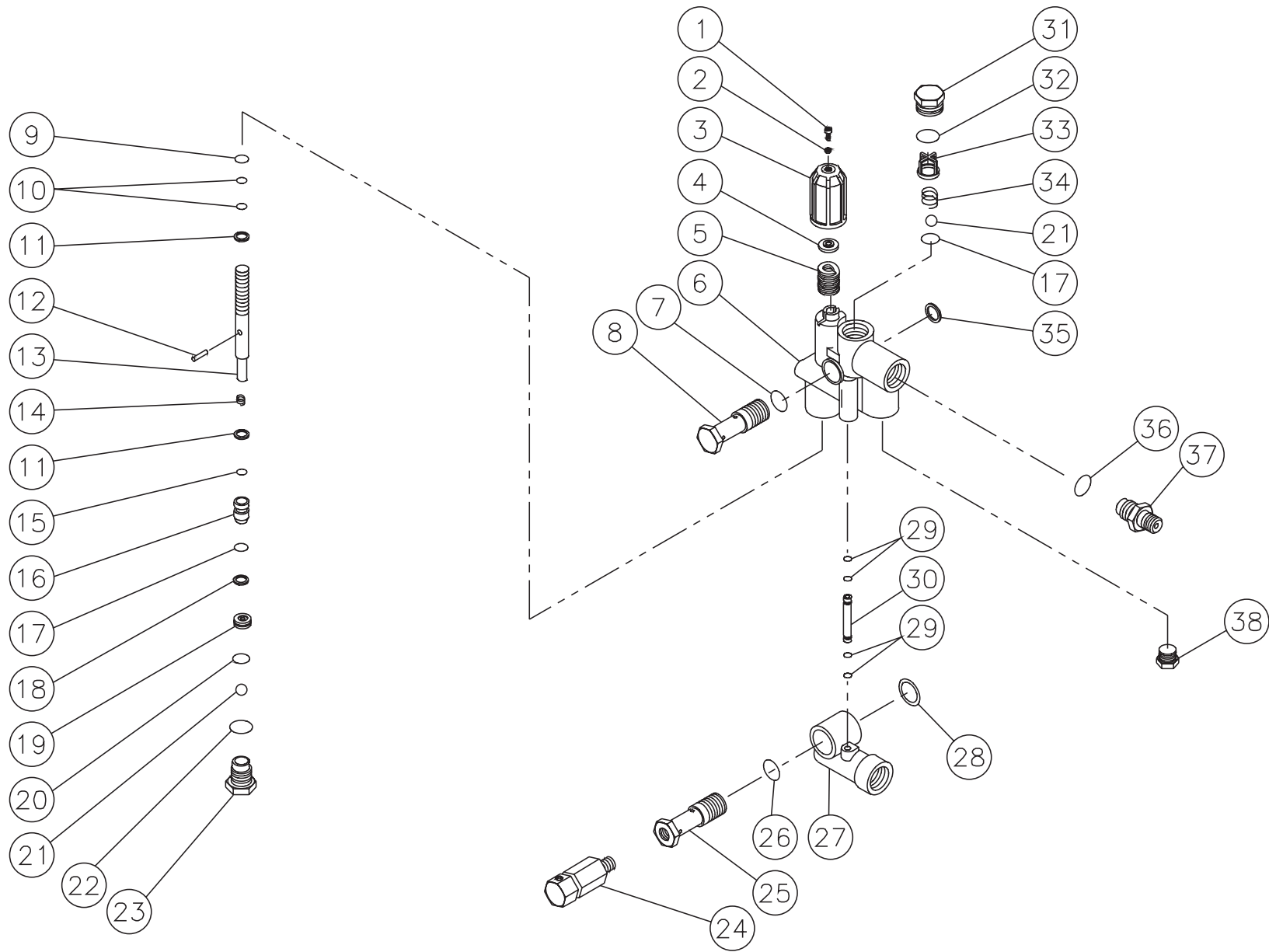
PUMP ASSEMBLY (3-0080)



3-0005-041900-RD

PUMP ASSEMBLY (3-0080)											
REF #	DESCRIPTION	PART #	QTY	REF #	DESCRIPTION	PART #	QTY	REF #	DESCRIPTION	PART #	QTY
1	Hex Plug	39-0018	1	20	Low Pressure Seal Retainer	46-0081	3	39	Bolt	27-8405	6
2	Washer	28-0600	1	21	O-ring	25-0048	3	40	Gasket Cover - Old Style	26-0081	1
3	Hex Plug	39-0019	1	22	Oil Seal	26-0046	3	-	O-ring Cover- New Style	25-0317	1
4	Washer	28-0601	1	23	Bolt	27-8000	8	41	Crankcase Cover - Old Style	46-0085	1
5	Valve Assembly (Inc. 11-15) (See 70-0009)	N/A Sep.	6	24	Retainer/Oil Level/Spacer	46-0084	2	-	Crankcase Cover - New Style	46-0226	1
6	O-ring	25-0012	6	25	Spacer	46-0088	1	42	Bolt	27-8401	5
7	Valve Plug	39-0020	6	26	O-ring	25-0060	2	43	Oil Level Indicator	46-0114	1
8	Bolt	27-8439	8	27	Ball Bearing	48-0011	2	44	Hex Plug	39-0017	1
9	Lockwasher	29-0154	8	28	Crankcase	46-0225	1	45	Connecting Rod Pin	43-0031	3
10	Pump Manifold	46-0083	1	29	Oil Dipstick	46-0143	1	46	Crankshaft	46-0230	1
11	O-ring (See 70-0009)	N/A Sep.	6	30	Piston Screw	46-0069	3	47	Key	43-0028	1
12	Valve Seat (See 70-0009)	N/A Sep.	6	31	Washer	28-0400	3	48	Oil Seal	26-0048	1
13	Valve Plate (See 70-0009)	N/A Sep.	6	32	O-ring	25-0014	4	49	Spacer-Bearing	46-0087	1
14	Valve Spring (See 70-0009)	N/A Sep.	6	33	Back-up Ring	46-0109	3	50	Lockwasher	46-0605	4
15	Valve Cage (See 70-0009)	N/A Sep.	6	34	Plunger-Ceramic	46-0078	3	51	Bolt	46-0606	4
16	Head Ring (See 852-0012)	N/A Sep.	3	35	Flinger Washer	46-0146	3		Valve Kit (Inc. 6 each of 5, 11-15)	70-0009	
17	V-Packing (See 852-0012)	N/A Sep.	3	36	Piston Rod	46-0080	3		Packing Kit (Inc. 3 each of 17, 19)	70-0040	
18	Intermediate Ring	46-0089	3	37	Connecting Rod	46-0231	3		Packing Kit (Inc. 3 each of 16, 17, 19, 21)	852-0012	
19	Low Pressure Seal (See 852-0012)	N/A Sep.	3	38	Washer	28-0201	6		Head Ring Kit (Inc. 3 each of 16)	70-0032	

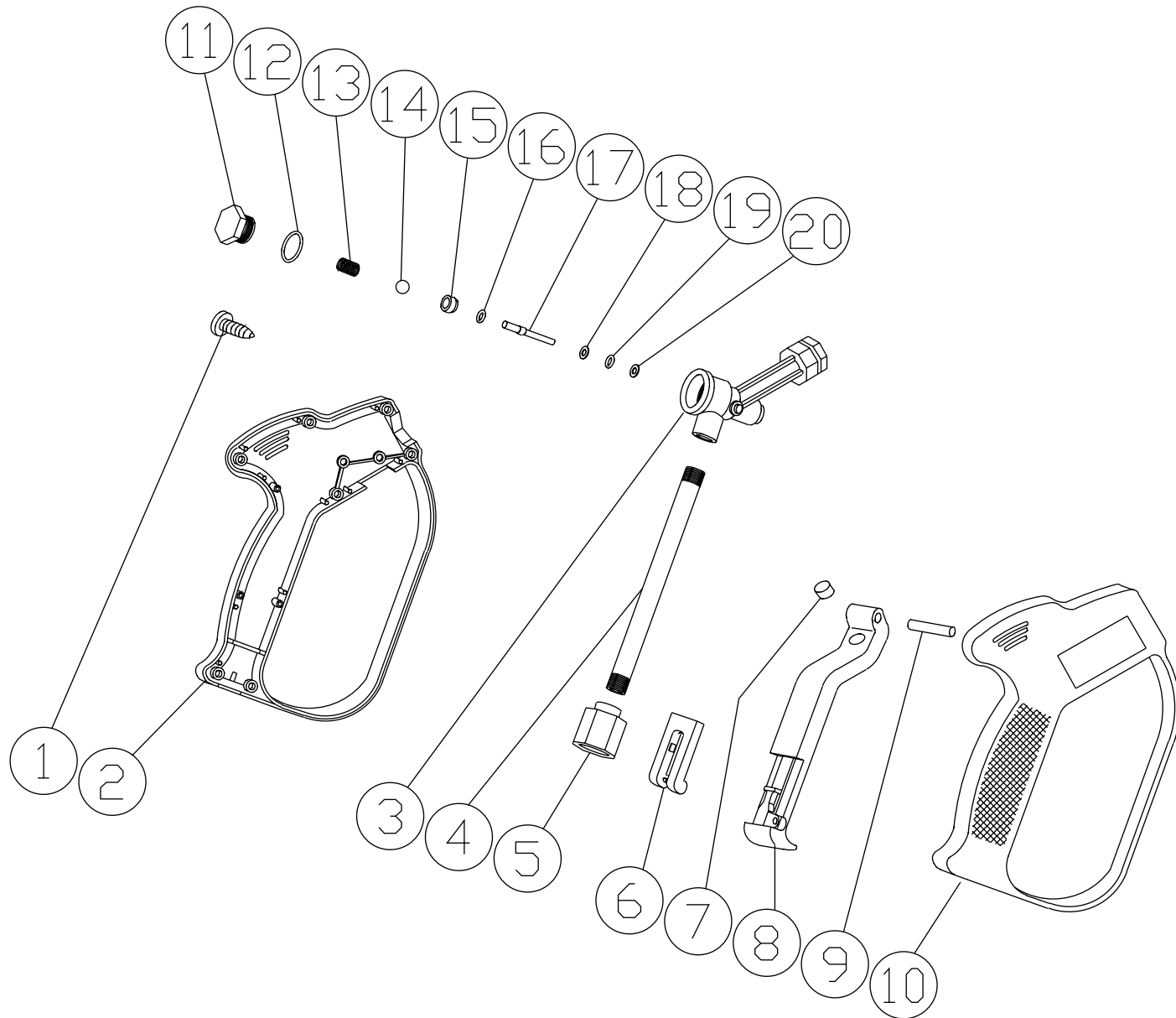
UNLOADER ASSEMBLY (8-0316)



OMGEN195-022795-BAR

UNLOADER ASSEMBLY (8-0316)									
REF. #	DESCRIPTION	PART #	QTY.		REF. #	DESCRIPTION	PART #	QTY.	
1	Screw	27-8409	1		21	Ball	8-0201	2	
2	Nut	30-3024	1		22	O-ring	25-0160	1	
3	Pressure Regulating Knob	7-0050	1		23	Cap	39-0039	1	
4	Spring Guide	8-0332	1		24	Thermo Valve	22-0148	1	
5	Spring	49-0047	1		25	Fixing Screw	8-0333	1	
6	Valve Body	8-0218	1		26	O-ring	25-0053	1	
7	O-ring	25-0231	1		27	Inlet Body	46-0242	1	
8	Fixing Screw	8-0224	1		28	Washer	28-0601	1	
9	Back-up Ring	25-0137	1		29	O-ring	25-0161	4	
10	O-ring	25-0138	2		30	By-pass Tube	8-0223	1	
11	Washer	28-0209	2		31	Cap	39-0040	1	
12	Pin	43-0051	1		32	O-ring	25-0136	1	
13	Piston Guide	8-0219	1		33	Valve Guide	8-0225	1	
14	Spring	49-0049	1		34	Spring	49-0046	1	
15	O-ring	25-0163	1		35	Washer	28-0600	1	
16	Drive Piston	8-0220	1		36	O-ring	25-0051	1	
17	O-ring	25-0050	2		37	Nipple	8-0130	1	
18	Back-up Ring	8-0284	1		38	Cap	39-0042	1	
19	Valve Seat	8-0221	1			Unloader Repair Kit (Inc. 5, 7, 9, 10, 14, 15, 17-22, 25, 28, 31-33)		70-0020	1
20	O-ring	25-0159	1						

GUN ASSEMBLY (16-0191)

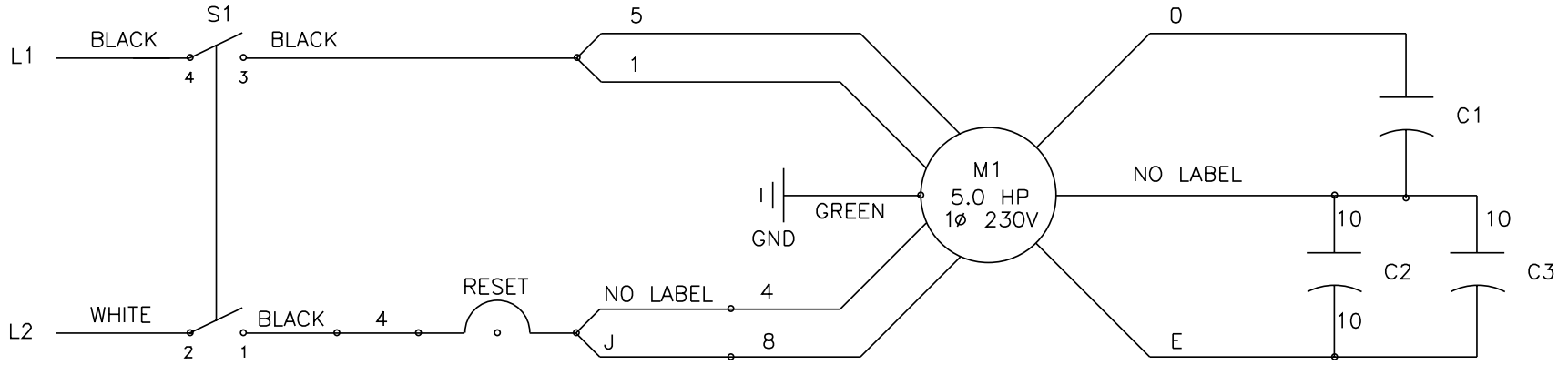


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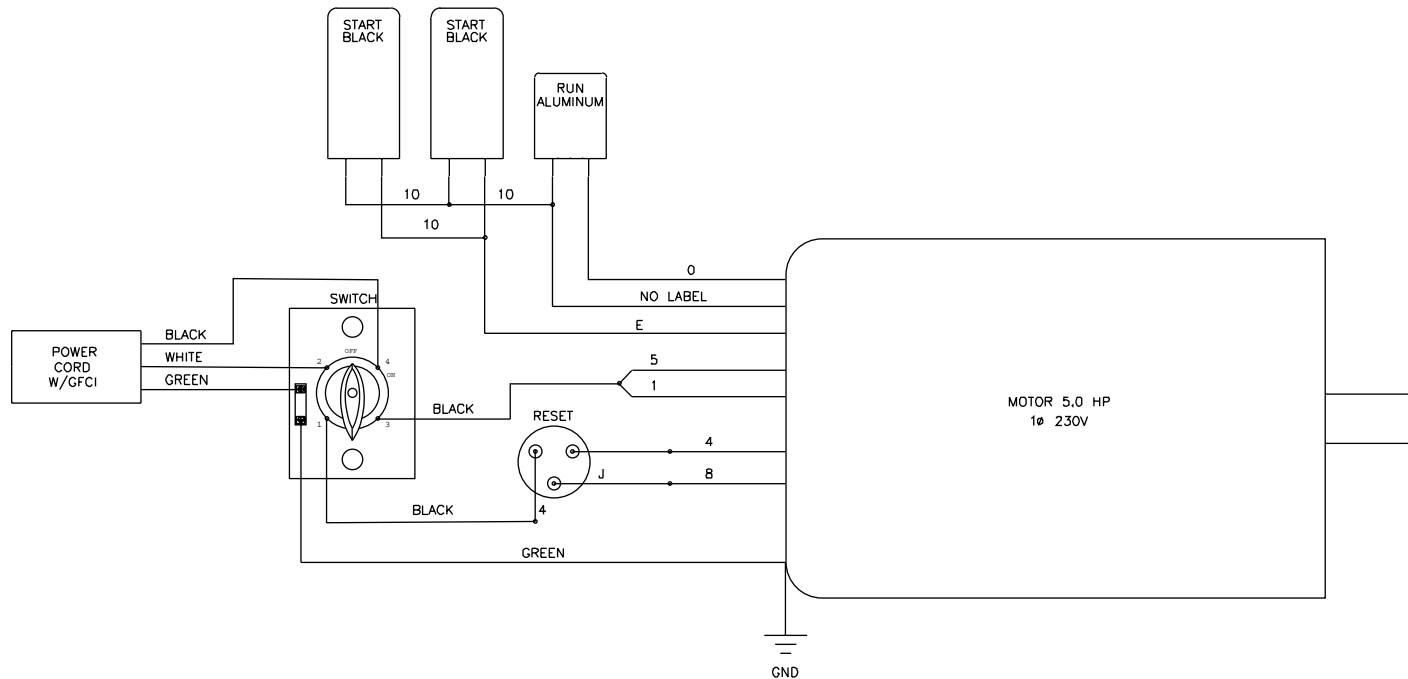
GUN (16-0191)

REF. #	DESCRIPTION	PART #	QTY.		REF. #	DESCRIPTION	PART #	QTY.
1	Screw	27-8382	7		12	O-ring (See 70-0057)	N/A Sep.	1
2	Plastic Housing (Left Side)	16-0336	1		13	Spring (See 70-0057)	N/A Sep.	1
3	Housing-Brass	23-0295	1		14	Ball (See 70-0057)	N/A Sep.	1
4	Pipe	21-0095	1		15	Seat (See 70-0057)	N/A Sep.	1
5	Nipple	23-0174	1		16	O-ring (See 70-0057)	N/A Sep.	1
6	Trigger Safety Lock	16-0332	1		17	Pin (See 70-0057)	N/A Sep.	1
7	Trigger Rest	16-0333	1		18	Washer (See 70-0057)	N/A Sep.	1
8	Trigger	16-0335	1		19	O-ring (See 70-0057)	N/A Sep.	1
9	Trigger Pin	43-0069	1		20	Back-up Ring (See 70-0057)	N/A Sep.	1
10	Plastic Housing (Right Side)	16-0334	1			Repair Kit (Includes 11-20)	70-0057	
11	Plug (See 70-0057)	N/A Sep.	1					

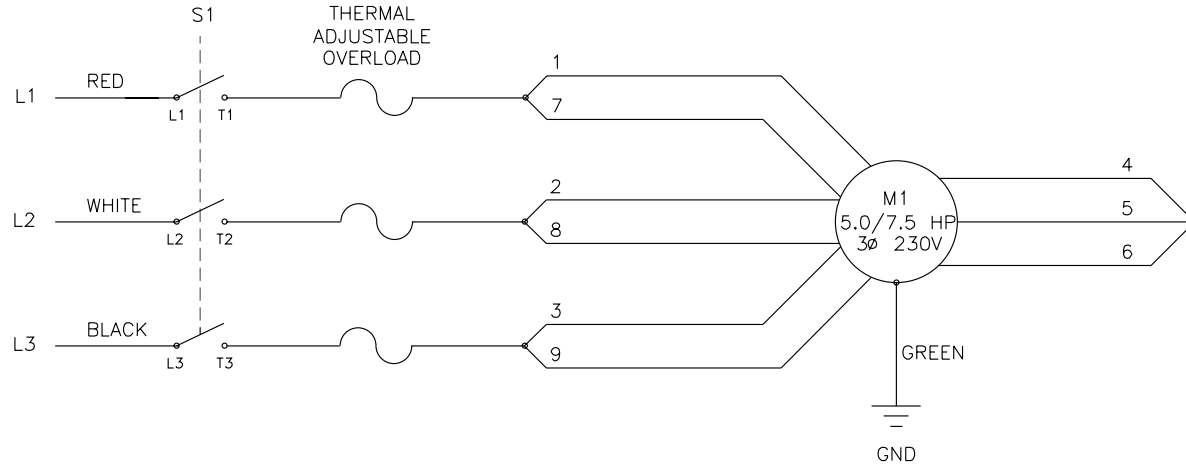
WIRING SCHEMATIC FOR CW-2004-1ME1 (230 VOLT)



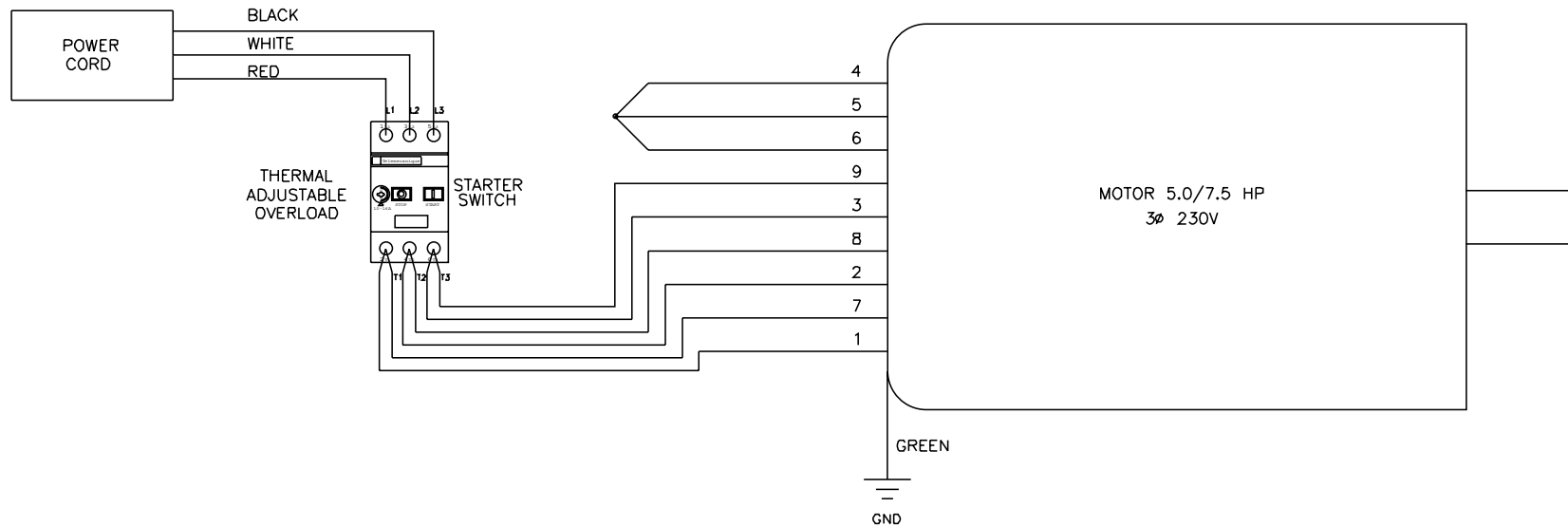
WIRING DIAGRAM FOR CW-2004-1ME1 (230 VOLT)



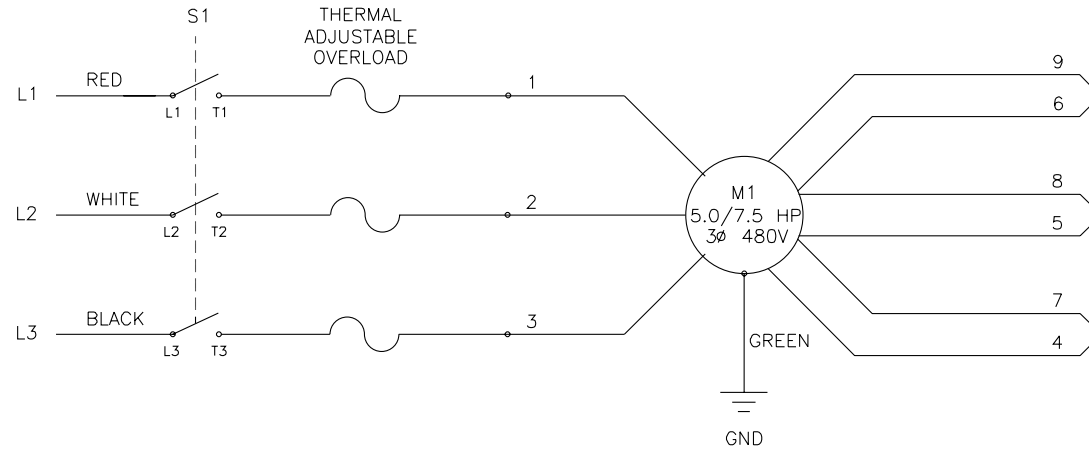
WIRING SCHEMATIC FOR CW-2004-1ME3 (230 VOLT)



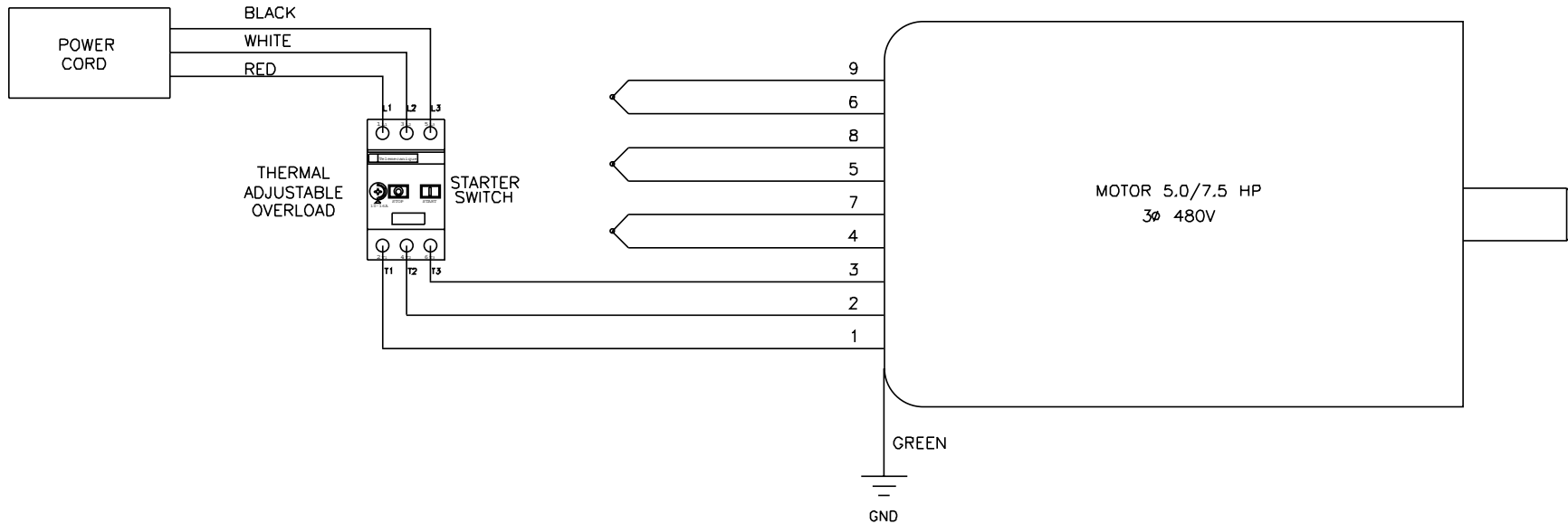
WIRING DIAGRAM FOR CW-2004-1ME3 (230 VOLT)



WIRING SCHEMATIC FOR CW-2004-1ME3 (480 VOLT) (CX-0002 OPTION)



WIRING DIAGRAM FOR CW-2004-1ME3 (480 VOLT) (CX-0002 OPTION)



NOTES

