



PARTS LIST FOR
JP-3004-2ME1

For parts Call 888-279-9274

Motor Horsepower:	8.0 H.P.
Pump Oil Grade:	Mi-T-M Pump Oil #AW-4085-0016
Pump Oil Capacity:	18.5 oz.
Nozzle Size:	4.5

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 engine without first removing the ignition cable from the spark plug. Turning over the machinery by hand during adjustment or cleaning might start the engine and machinery with it, 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. Block the wheels to prevent the unit from moving. Be especially careful to properly dispose of any flammable materials.
- 5. 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

FRAME ASSEMBLY FOR JP-3004-2ME14

PUMP ASSEMBLY (3-0207)6

LANCE ASSEMBLY (16-0366)8

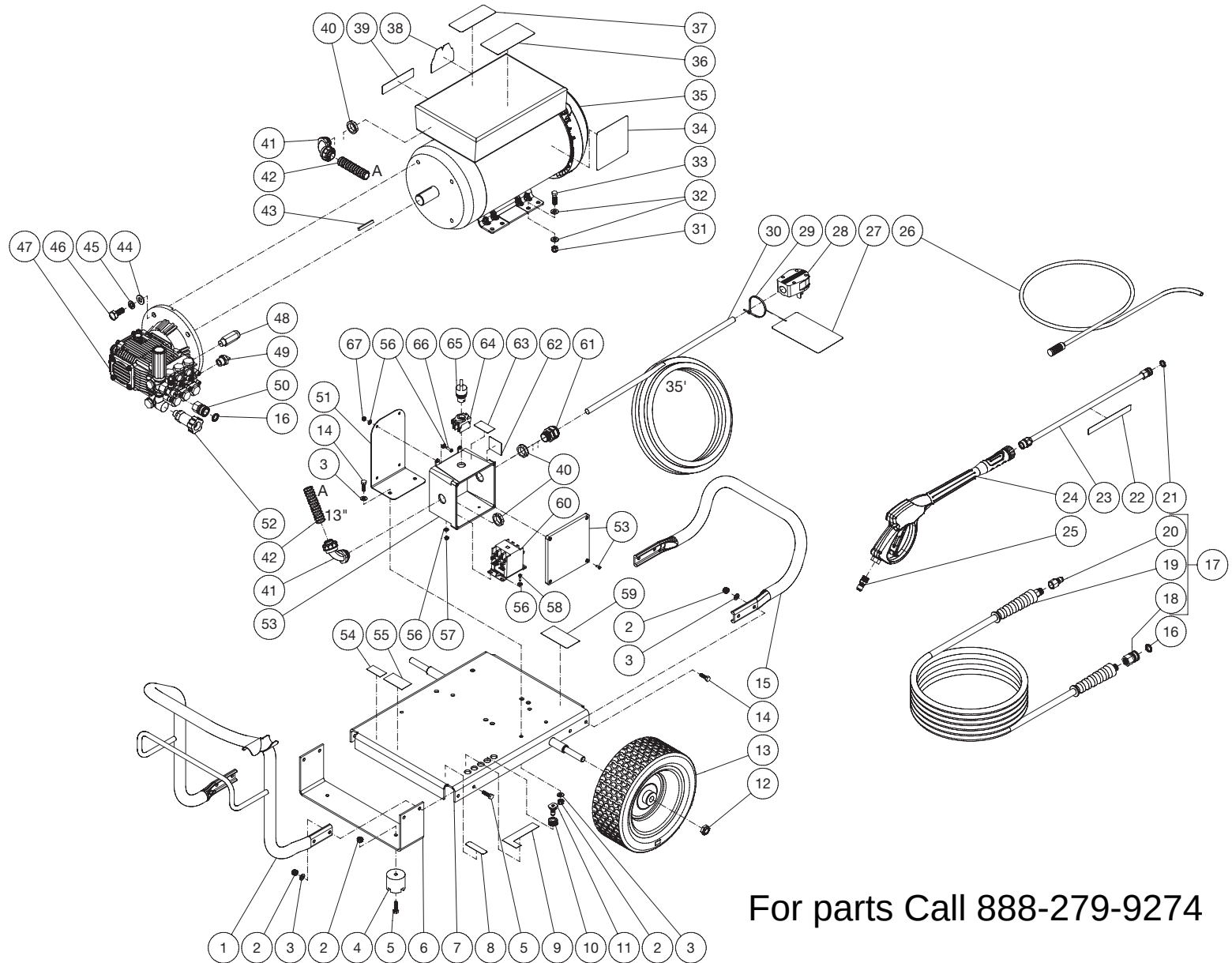
WIRING SCHEMATIC10

WIRING DIAGRAM11

SPECIFICATIONS

MODEL NUMBER	JP-3004-2ME1
Operating Pressure (PSI/Bar):	3000/207
High Pressure Nozzle:	4.5
Water Volume (GPM/lpm):	3.9/14.7
Motor:	Totally enclosed fan cooled, circuit breaker thermal overload protection, 40ft. power supply cord with Ground Fault Circuit Interrupter (GFCI)
Horsepower	8.0
Voltage	230
Phase	Single
Amps	30.5
Pump:	Direct Driven, Oil Bath, Triplex Piston
Oil Type	Mi-T-M Pump Oil #AW-4085-0016
Oil Capacity (oz./liters)	18.5/.55
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)	245/111
Unit Shipping Weight (lbs/Kg)	305/138
Unit Net Dimension (in/cm)	39.5Lx28.5Wx26H/100Lx72Wx66H
Unit Shipping Dimension (in/cm)	48Lx30Wx34H/122Lx76Wx86H

FRAME ASSEMBLY FOR JP-3004-2ME1

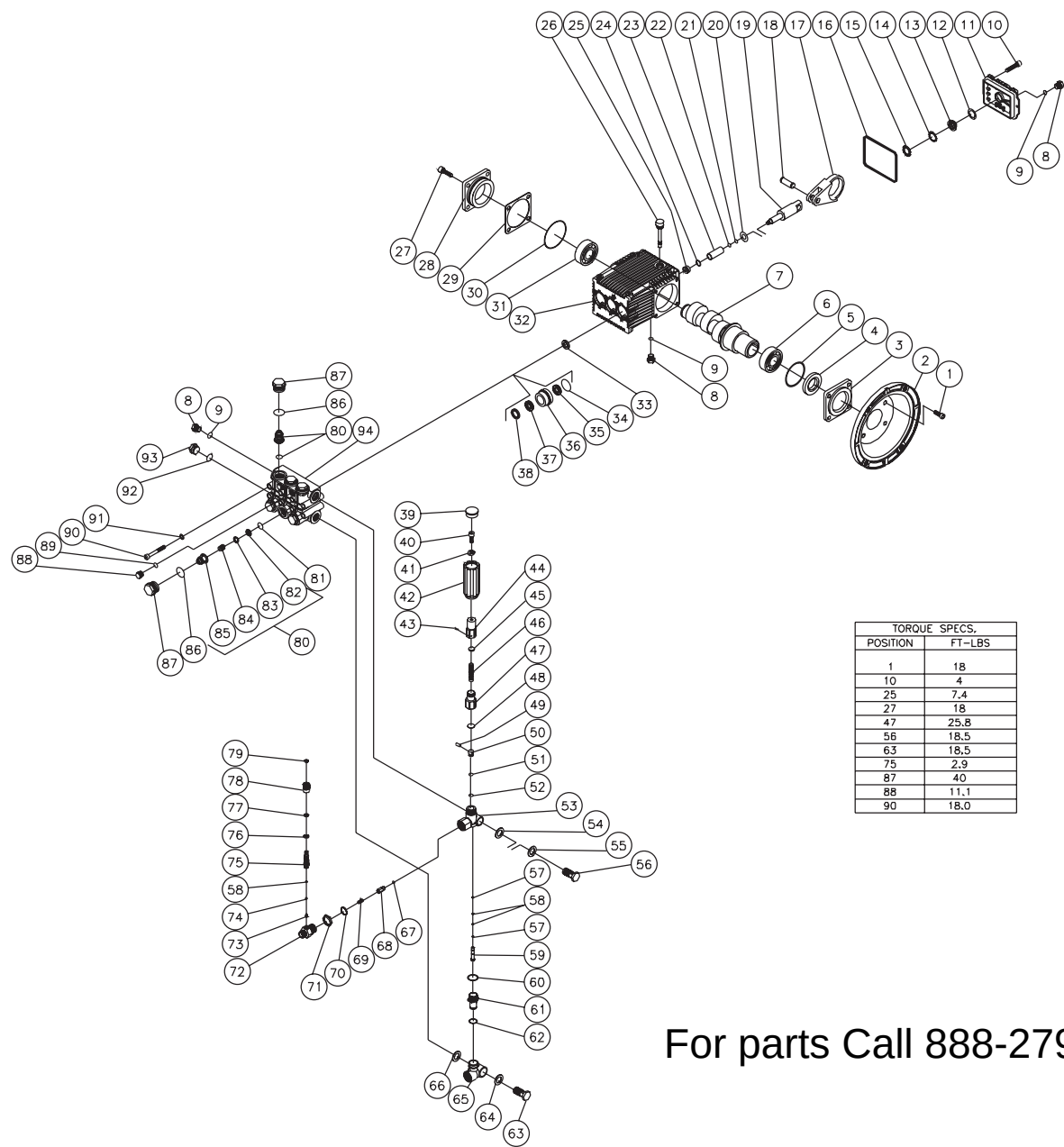


For parts Call 888-279-9274

FRAME ASSEMBLY							
ITEM	TITLE	PART #	QTY	ITEM	TITLE	PART #	QTY
1	HANDLE	7-0216A18	1	34	DECAL - WARNING RISK OF ELE. (E/S) (SEE 71-1019)	N/A	1
2	LOCKNUT	30-0157	12	35	MOTOR	2-0231	1
3	WASHER	28-0003	12	36	DECAL - CAUTION RISK OF INJURY (SEE 71-1019)	N/A	1
4	ISOLATOR	14-0008	2	37	DECAL - WARNING RISK OF INJECTION/EXPLOSION (SEE 71-1019)	N/A	1
5	BOLT	27-0068	6	38	DECAL - #2M	N/A	1
6	UNDERBRACKET	13-0137A18	1	39	DECAL-3000 PSI	N/A	1
7	BASEPLATE	5-0186A18	1	40	ELECTRICAL LOCKNUT	32-0292	3
8	DECAL - WARNING POTABLE WATER (E/S) (SEE 71-1019)	N/A	1	41	CONDUIT ELBOW	32-0487	2
9	DECAL - NOZZLE (SEE 71-1019)	N/A	1	43	KEY	43-0078	1
10	GROMMET	33-0002	5	44	WASHER	28-0006	4
11	NOZZLE	18-0386	1	45	LOCKWASHER	29-0010	4
-	NOZZLE	18-0403	1	46	BOLT	27-0217	4
-	NOZZLE	18-0404	1	47	PUMP	3-0207	1
12	LOCKNUT	30-0117	2	48	SAFETY VALVE	22-0376	1
13	WHEEL	14-0150	2	49	RELIEF VALVE	22-0005	1
14	BOLT	27-0067	6	50	QUICK CONNECT SOCKET	17-0004	1
15	HANDLE	7-0175A18	1	51	BRACKET	13-0266A18	1
16	O-RING	25-0123	2	52	FILTER	19-0206	1
17	HOSE ASSEMBLY	851-0338	1	42	CONDUIT *(TWO FEET REQUIRED)	32-0486	1
18	QUICK CONNECT SOCKET	17-0004	1	53	ELECTRIC BOX	32-1335	1
19	HOSE	15-0209	1	54	DECAL - MADE IN USA	34-3553	1
20	QUICK CONNECT	17-0006	1	55	DECAL- MOBILE PRO	34-3584	1
21	O-RING	25-0122	1	56	WASHER	28-0001	12
22	DECAL - RISK OF INJECTION (SEE 71-1019)	N/A	1	57	NUT	30-3158	2
23	LANCE ASSEMBLY	16-0366	1	58	SCREW	27-8835	2
24	GUN & WAND - 4000 PSI	16-0441	1	59	DECAL - SILVER STICKER	N/A	1
25	QUICK CONNECT	17-0005	1	60	CONTACTOR	32-0811	1
26	DETERGENT HOSE	19-0233	1	61	CORD RELIEF	9-0046	1
27	TAG - WARNING RISK OF ELECTROCUTION	34-1035	1	62	DECAL-CONNECT CIRCUIT BR. (SEE 71-1019)	N/A	1
28	PLUG	32-0012	1	63	DECAL - ON/OFF (SEE 71-1019)	N/A	1
29	CABLE TIE	33-0022	1	64	SWITCH	32-0809	1
30	CORD *(THIRTY FIVE FEET REQUIRED)	32-0021	1	65	SWITCH - ON/OFF	32-0808	1
31	LOCKNUT	30-0159	4	66	SCREW	27-2811	4
32	WASHER	28-0004	8	67	LOCKNUT	30-0154	4
33	BOLT	27-0118	4	-	DECAL SET	71-1019	1

*MUST ORDER IN ONE FOOT LENGTHS

PUMP ASSEMBLY (3-0207)

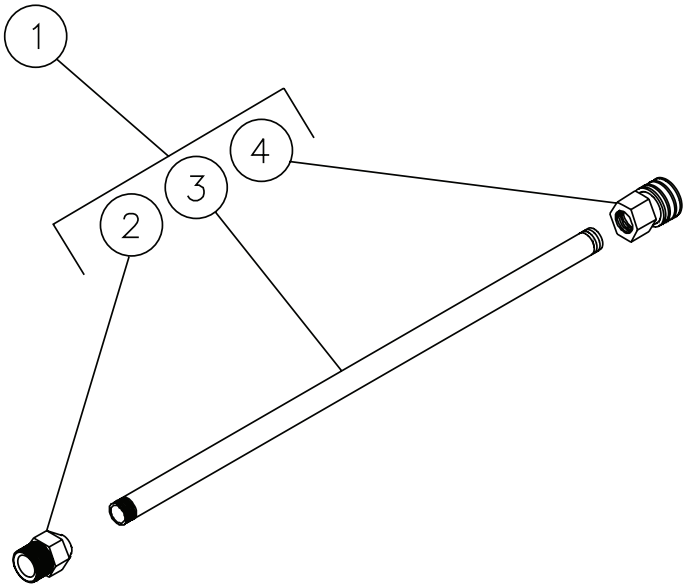


For parts Call 888-279-9274

PUMP ASSEMBLY (3-0207)

REF. #	DESCRIPTION	PART #	QTY.	REF. #	DESCRIPTION	PART #	QTY.	REF. #	DESCRIPTION	PART #	QTY.
1	Bolt	27-8434	4	34	O-ring	25-0384	3	69	Spring	49-0123	1
2	Flange	38-0059	1	35	Low Pressure Seal (See 70-0177)	N/A Sep.	3	70	O-ring	25-0372	1
3	Shaftcover	46-0713	1	36	Packing Retainer	46-0708	3	71	Tightener Nut	8-0497	1
4	Oil Seal	26-0194	1	37	V-Packing (See 70-0177)	N/A Sep.	3	72	Injector Adapter	8-0498	1
5	O-ring	25-0397	1	38	Support Ring (See 70-0178)	N/A Sep.	3	73	Detergent Injector Spring (See 70-0196)	N/A Sep.	1
6	Bearing	48-0062	1	39	Cap	7-0142	1	74	Ball (See 70-0196)	N/A Sep.	1
7	Crankshaft	46-0919	1	40	Bolt	27-8433	1	75	Barb	8-0499	1
8	Plug	39-0102	1	41	Nut	30-3025	1	76	O-ring (See 70-0196)	N/A Sep.	1
9	O-ring	25-0325	3	42	Unloader Knob	7-0141	1	77	O-ring (See 70-0196)	N/A Sep.	1
10	Bolt	27-8401	6	43	Pin	8-0477	1	78	Adjustable Detergent Knob	7-0152	1
11	Crankcase Cover (Inc. 8-9, 12-15)	46-0719	1	44	Adjustment Barrel	8-0476	1	79	Snap Ring (See 70-0196)	N/A Sep.	1
12	O-ring	25-0370	1	45	Spring Button	8-0475	1	80	Single Valve Assembly (Inc. 82-85) (See 70-0319)	N/A Sep.	6
13	Oil Sight Glass	46-0670	1	46	Spring	49-0132	1	81	O-ring	25-0386	6
14	Reflector	46-0824	1	47	Guide Spring	8-0474	1	82	Valve Seat (See 70-0319)	N/A Sep.	6
15	Retainer	46-0671	1	48	Spring Button	8-0445	1	83	Valve Plate (See 70-0319)	N/A Sep.	6
16	O-ring	25-0398	1	49	Pin	8-0444	1	84	Valve Spring (See 70-0319)	N/A Sep.	6
17	Connecting Rod- Aluminum	46-0896	3	50	Poppet	8-0443	1	85	Valve Cage (See 70-0319)	N/A Sep.	6
-	Connecting Rod- Bronze	46-0922	3	51	Back-up Ring (See 8-0456)	N/A Sep.	1	86	O-ring	25-0160	6
18	Piston Pin	46-0698	3	52	O-ring (See 8-0456)	N/A Sep.	1	87	Valve Cap	39-0095	6
19	Plunger Rod	46-0699	3	53	Unloader Body	8-0451	1	88	Plug	39-0096	2
20	Washer	46-0700	3	54	Washer	8-0449	1	89	O-ring	25-0387	2
21	Back-up Ring	25-0404	3	55	Washer	8-0450	1	90	Bolt	27-8440	8
22	O-ring	25-0382	3	56	Adapter (See 8-0456)	N/A Sep.	1	91	Lockwasher	29-0154	8
23	Piston	46-0701	3	57	Back-up Ring	25-0395	2	92	O-ring	25-0372	1
24	Gasket	26-0191	3	58	O-ring	25-0371	3	93	Plug	39-0088	1
25	Nut	30-6020	3	59	Piston	8-0442	1	94	Manifold	46-0711	1
26	Oil Dipstick	39-0090	1	60	O-ring	25-0389	1		Oil Seal Kit (Inc. 4, 5, 16, 30, 33)	70-0337	
27	Bolt	27-8884	4	61	Nipple	8-0441	1		High Pressure Seals Kit (Inc. 3 each 34-35, 37)	70-0177	
28	Support Bearing Cap	46-0703	1	62	O-ring (See 8-0456)	N/A Sep.	1		Support Rings Kit (Inc. 3 each 38)	70-0178	
29	Shim- 0.1mm (Qty. Varies 1-3)	46-0704	-	63	Adapter	8-0438	1		Valve Kit (Inc. 6 each 81-85)	70-0319	
-	Shim- 0.2mm (Qty. Varies 1-3)	46-0705	-	64	Washer	8-0439	1		Unloader Kit (Inc. 39-69)	8-0456	
30	O-ring	25-0380	1	65	Inlet Bypass Adapter	8-0437	1		Unloader Repair Kit (Inc. 51, 52, 57, 58, 60, 62)	70-0180	
31	Bearing	48-0072	1	66	Washer	8-0440	1		Injector Kit (Inc. 70-79)	70-0196	
32	Crankcase	46-0811	1	67	O-ring	25-0437	1		Piston Kit (Inc. 3 each 20-25)	70-0352	
33	Oil Seal	46-0931	3	68	Check Valve	8-0454	1				

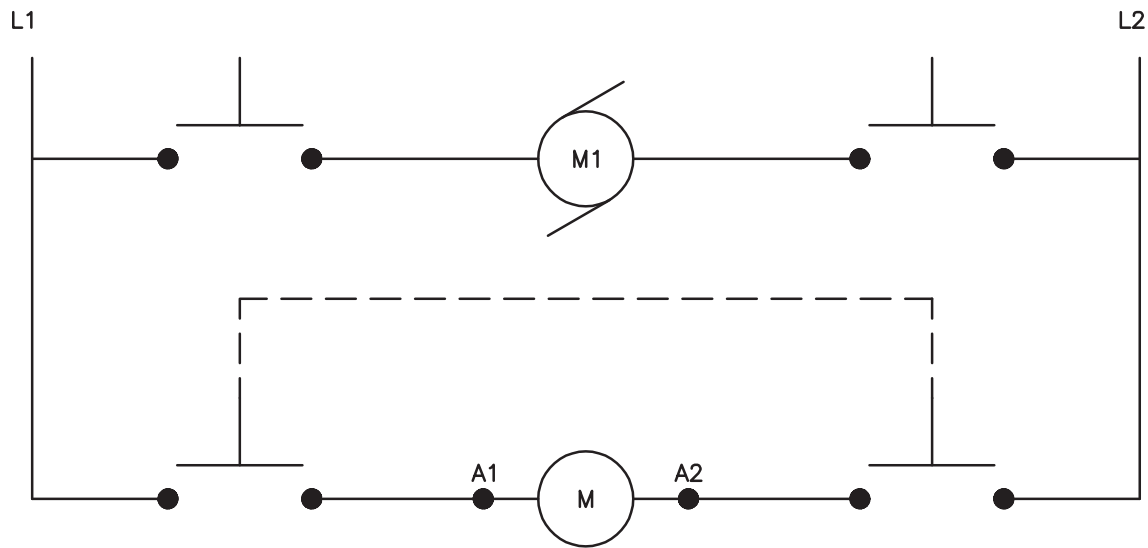
LANCE ASSEMBLY (16-0366)



16-0366-102700-RD

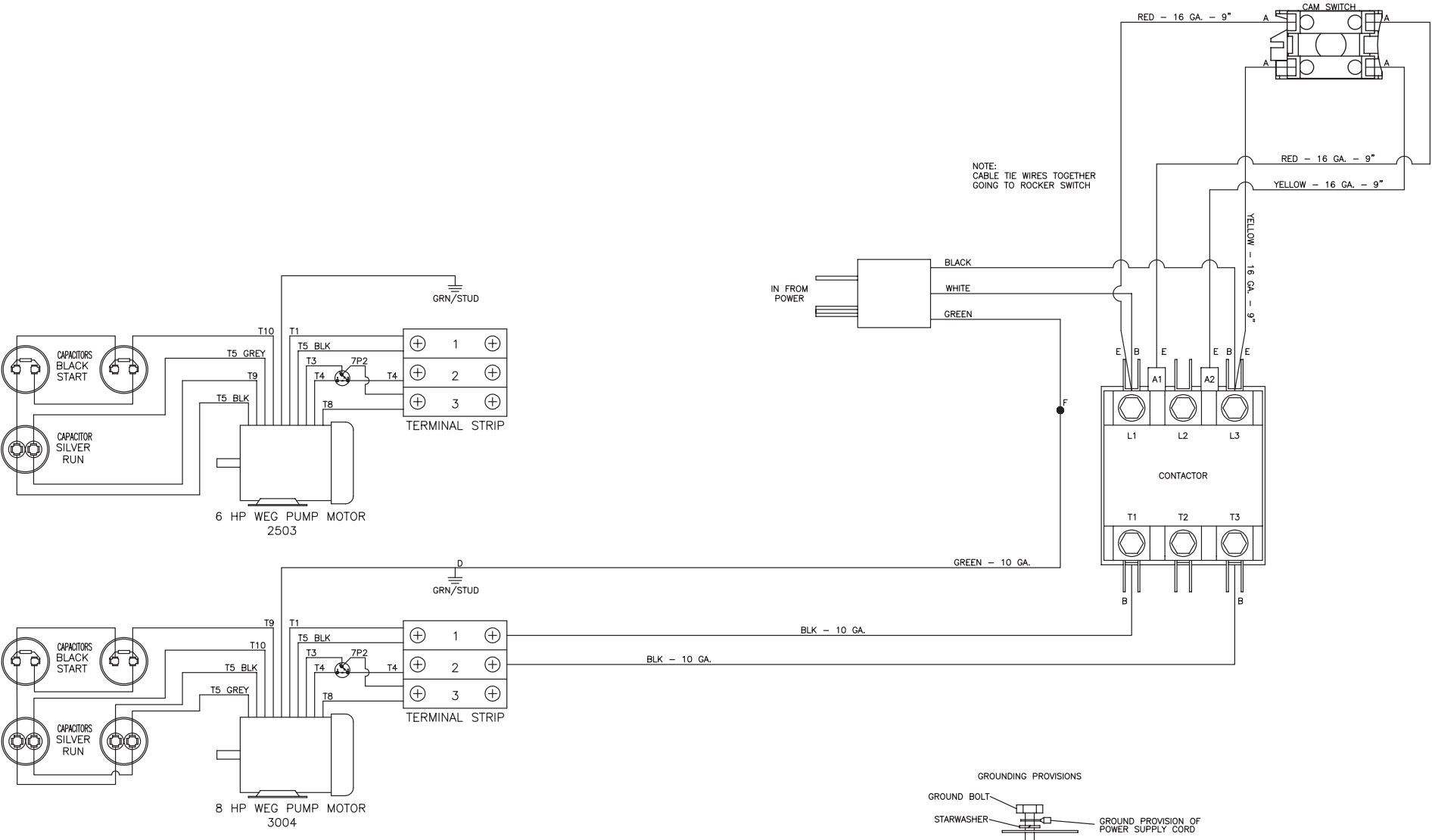
LANCE ASSEMBLY (16-0366)			
REF. #	DESCRIPTION	PART #	QTY.
1	Complete Lance (Inc. 2-4)	16-0366	1
2	Coupling	16-0378	1
3	Pipe	16-0379	1
4	Quick Connect	17-0001	1

WIRING SCHEMATIC



WIRING DIAGRAM

WIRE DIAGRAM JP-2503-3004-2ME1 & GC-2503-3004-0ME1 022522



For parts Call 888-279-9274

Manufactured by Mi-T-M
50 MI-T-M Drive, Peosta IA 52068
563-556-7484/ Fax 563-556-1235