



PARTS LIST FOR
JP-2503-2ME1
JP-3004-2ME1

For parts Call 888-279-9274

Motor Horsepower:

2503	6.0 H.P.
3004	8.0 H.P.

Pump Oil Grade:

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

Pump Oil Capacity:

2503	14 oz.
3004	18.5 oz.

Nozzle Size:

2503	4.0
3004	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.

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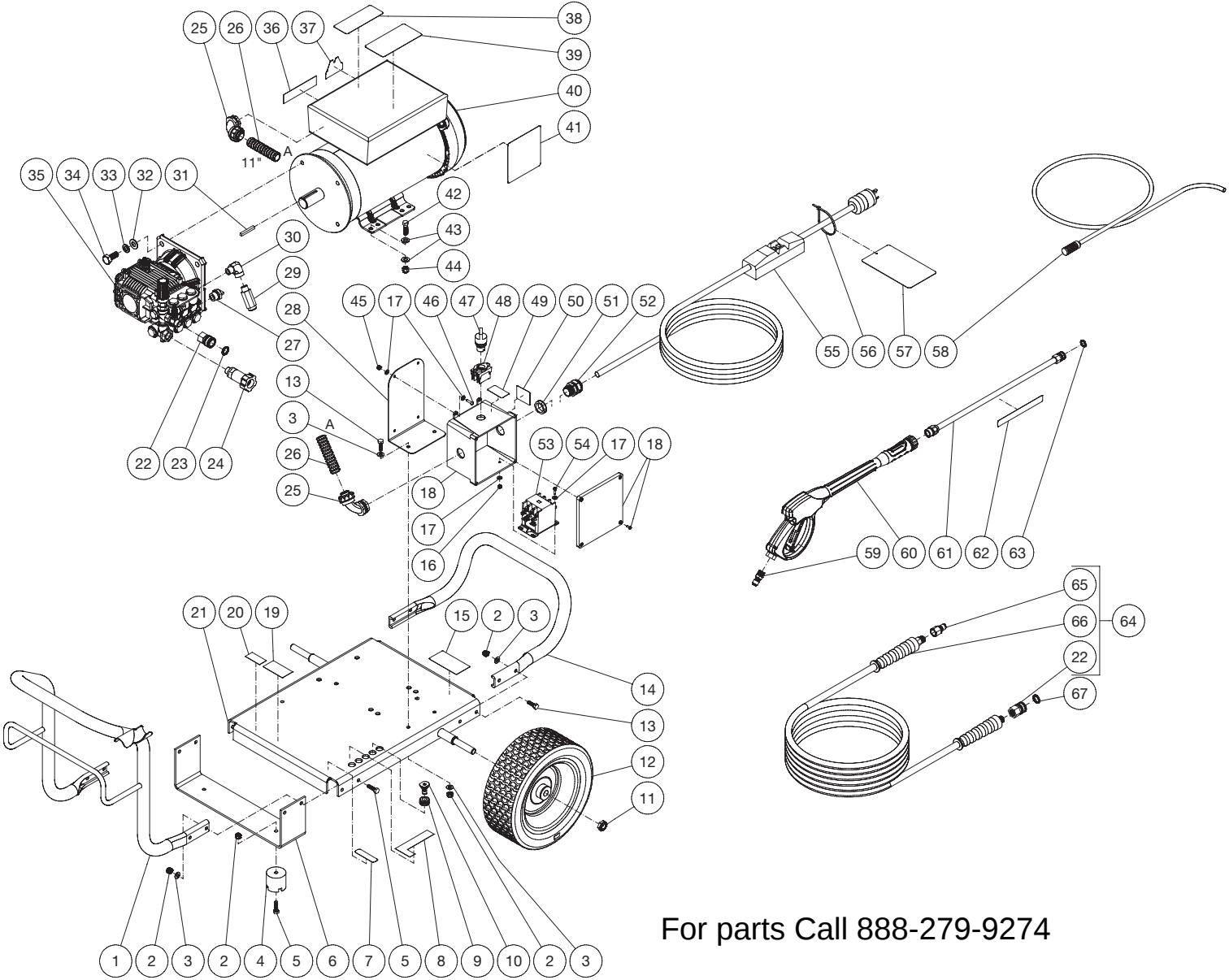
SPECIFICATIONS

MODEL NUMBER	JP-2503-2ME1	JP-3004-2ME1
Operating Pressure (PSI/Bar):	2500/172.4	3000/207
High Pressure Nozzle:	4.0	4.5
Water Volume (GPM/lpm):	3.2/12.1	3.9/14.7
Motor:	Totally enclosed fan cooled, circuit breaker thermal overload protection, 35ft. power supply cord with Ground Fault Circuit Interrupter (GFCI)	
Horsepower	6.0	8.0
Voltage	230	
Phase	Single	
Amps	24.1	30.5
Pump:	Direct Driven, Oil Bath, Triplex Piston	
Oil Type	Mi-T-M Pump Oil #AW-4085-0016	
Oil Capacity (oz./liters)	14/.41	18.5/.55
Plungers	Ceramic Coated	
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)	153/69.4	245/111
Unit Shipping Weight (lbs/Kg)	203/92.1	305/138
Unit Net Dimension (in/cm)	39.5Lx28.5Wx26H/100Lx72Wx66H	39.5Lx28.5Wx26H/100Lx72Wx66H
Unit Shipping Dimension (in/cm)	48Lx30Wx34H/122Lx76Wx86H	48Lx30Wx34H/122Lx76Wx86H

NOTES

NOTES

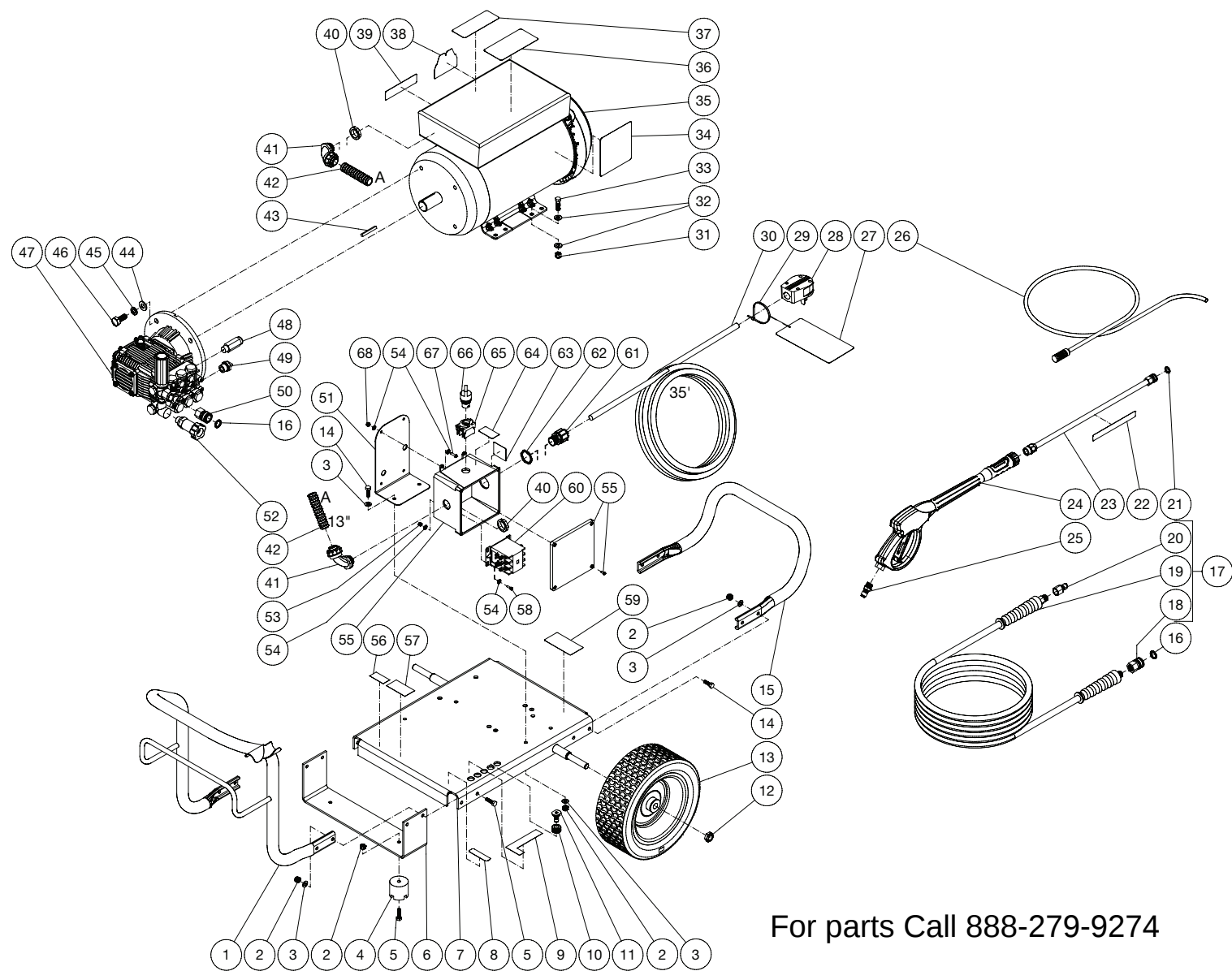
FRAME ASSEMBLY FOR JP-2503-2ME1



For parts Call 888-279-9274

JP-2503-2ME1 022422 JRC							
FRAME ASSEMBLY							
ITEM	TITLE	PART #	QTY		ITEM	TITLE	PART # QTY
1	HANDLE	7-0216A18	1		34	BOLT	27-0217 4
2	LOCKNUT	30-0157	12		35	PUMP	3-0307 1
3	WASHER	28-0003	12		36	DECAL - 2500PSI	N/A 1
4	ISOLATOR	14-0008	2		37	DECAL - Mi-T-M	N/A 1
5	BOLT	27-0068	6		38	DECAL - WARNING RISK OF INJECTION/EXPLOSION (SEE 71-1018)	N/A 1
6	UNDERBRACKET	13-0137A18	1		39	DECAL - CAUTION RISK OF INJURY (SEE 71-1018)	N/A 1
7	DECAL - WARNING POTABLE WATER (E/S) (SEE 71-1018)	N/A	1		40	MOTOR 6HP	2-0230 1
8	DECAL - NOZZLE (SEE 71-1018)	N/A	1		41	DECAL - WARNING RISK OF ELE. (E/S) (SEE 71-1018)	N/A 1
9	GROMMET	33-0002	5		42	BOLT	27-0118 4
10	NOZZLE	18-0386	1		43	WASHER	28-0004 8
-	NOZZLE	18-0400	1		44	LOCKNUT	30-0159 4
-	NOZZLE	18-0399	1		45	LOCKNUT	30-0154 4
11	LOCKNUT	30-0117	2		46	SCREW	27-2811 4
12	WHEEL	14-0150	2		47	SWITCH - ON/OFF	32-0808 1
13	BOLT	27-0067	6		48	SWITCH	32-0809 1
14	HANDLE	7-0175A18	1		49	DECAL - ON/OFF (SEE 71-1018)	N/A 1
15	DECAL - SILVER STICKER	N/A	1		50	DECAL-CONNECT CIRCUIT BR. (SEE 71-1018)	N/A 1
16	NUT	30-3158	2		51	ELECTRICAL LOCKNUT	32-0292 3
17	WASHER	28-0001	12		52	CORD RELIEF	9-0046 1
18	ELECTRIC BOX	32-1335	1		53	CONTACTOR	32-0563 1
19	DECAL- MOBILE PRO	34-3584	1		54	SCREW	27-8835 2
20	DECAL - MADE IN USA	34-3553	1		55	ELECTRIC CORD	32-0334 1
21	BASEPLATE	5-0186A18	1		56	CABLE TIE	33-0022 1
22	QUICK CONNECT SOCKET	17-0004	2		57	TAG - WARNING RISK OF ELECTROCUTION	34-1035 1
23	O-RING	25-0123	2		58	DETERGENT HOSE	19-0233 1
24	FILTER	19-0206	1		59	QUICK CONNECT	17-0005 1
25	CONDUIT ELBOW	32-0487	2		60	GUN & WAND - 4000 PSI	16-0441 1
26	CONDUIT *(ONE FEET REQUIRED)	32-0486	1		61	LANCE ASSEMBLY	16-0366 1
27	RELIEF VALVE	22-0005	1		62	DECAL - RISK OF INJECTION (SEE 71-1018)	N/A 1
28	BRACKET	13-0266A18	1		63	O-RING	25-0122 1
29	SAFETY VALVE	22-0376	1		64	HOSE ASSEMBLY	851-0338 1
30	ELBOW	24-0105	1		65	QUICK CONNECT	17-0006 1
31	KEY	43-0166	1		66	HOSE	15-0209 1
32	WASHER	28-0006	4		67	O-RING	25-0123 1
33	LOCKWASHER	29-0010	4		-	DECAL SET	71-1018 1
*MUST ORDER IN ONE FOOT LENGTHS							

FRAME ASSEMBLY FOR JP-3004-2ME1

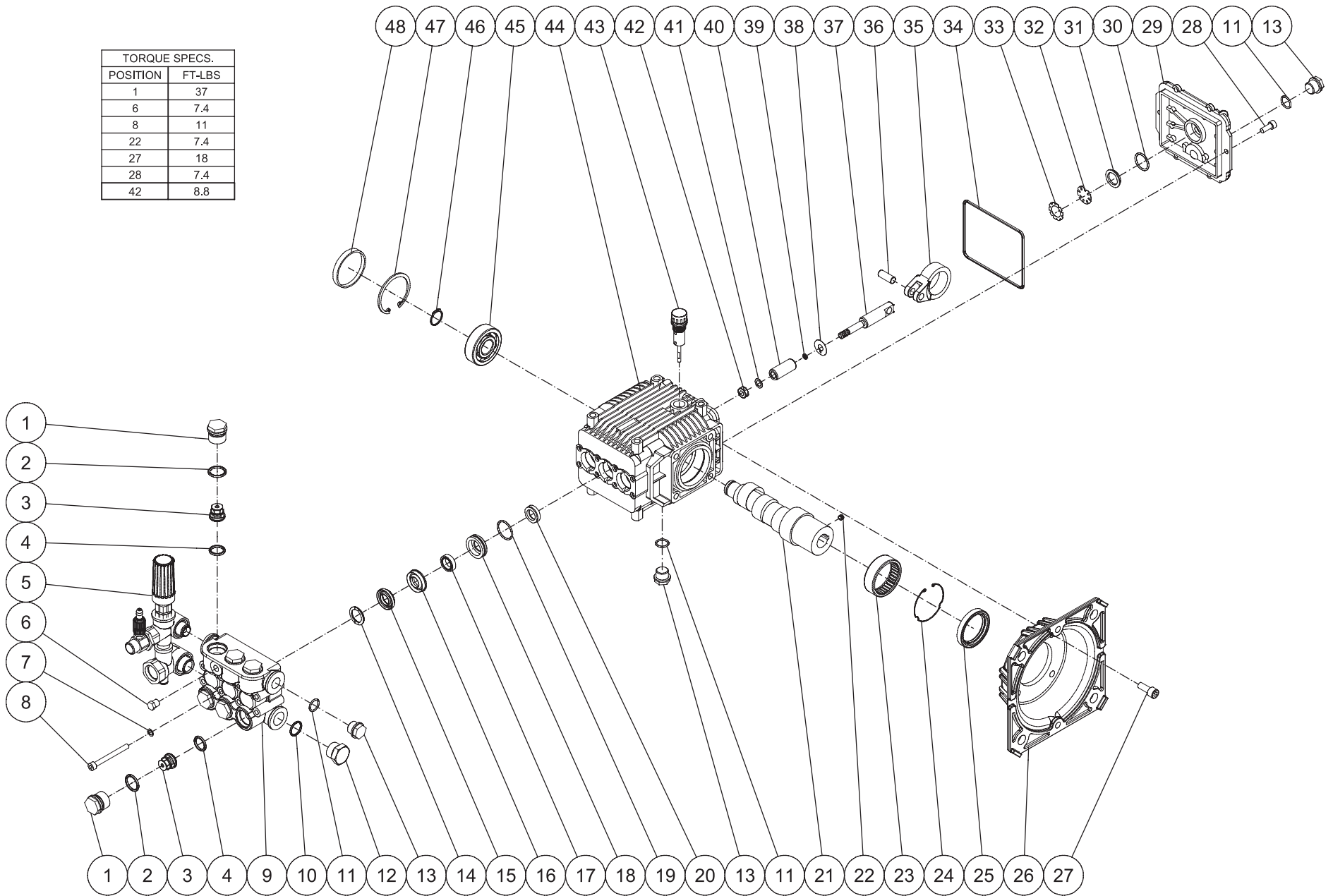


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JP-3004-2ME1 040825							
FRAME ASSEMBLY							
ITEM	TITLE	PART #	QTY	ITEM	TITLE	PART #	QTY
1	HANDLE	7-0216A18	1	35	MOTOR	2-0231	1
2	LOCKNUT	30-0157	12	36	DECAL - CAUTION RISK OF INJURY (SEE 71-1019)	N/A	1
3	WASHER	28-0003	12	37	DECAL - WARNING RISK OF INJECTION/EXPLOSION (SEE 71-1019)	N/A	1
4	ISOLATOR	14-0008	2	38	DECAL - #2M	N/A	1
5	BOLT	27-0068	6	39	DECAL-3000 PSI	N/A	1
6	UNDERBRACKET	13-0137A18	1	40	ELECTRICAL LOCKNUT	32-0292	2
7	BASEPLATE	5-0186A18	1	41	CONDUIT ELBOW	32-0487	2
8	DECAL - WARNING POTABLE WATER (SEE 71-1019)	N/A	1	42	CONDUIT *(TWO FEET REQUIRED)	32-0486	1
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	53	NUT	30-3158	2
18	QUICK CONNECT SOCKET	17-0004	1	54	WASHER	28-0001	12
19	HOSE	15-0209	1	55	ELECTRIC BOX	32-1388	1
20	QUICK CONNECT	17-0006	1	56	DECAL - MADE IN USA	34-3553	1
21	O-RING	25-0122	1	57	DECAL- MOBILE PRO	34-3584	1
22	DECAL - RISK OF INJECTION (SEE 71-1019)	N/A	1	58	SCREW	27-8835	2
23	LANCE ASSEMBLY	16-0366	1	59	DECAL - SILVER STICKER	N/A	1
24	GUN & WAND - 4000 PSI	16-0441	1	60	CONTACTOR	32-0811	1
25	QUICK CONNECT	17-0005	1	61	CORD RELIEF	9-0048	1
26	DETERGENT HOSE	19-0233	1	62	NUT	32-0515	1
27	TAG - WARNING RISK OF ELECTROCUTION	N/A	1	63	DECAL-CONNECT CIRCUIT BREAKER (SEE 71-1019)	N/A	1
28	PLUG	32-0012	1	64	DECAL - ON/OFF (SEE 71-1019)	N/A	1
29	CABLE TIE	33-0022	1	65	SWITCH	32-0809	1
30	CORD *(THIRTY FIVE FEET REQUIRED)	32-0021	1	66	SWITCH - ON/OFF	32-0808	1
31	LOCKNUT	30-0159	4	67	SCREW	27-2811	4
32	WASHER	28-0004	8	68	LOCKNUT	30-0154	4
33	BOLT	27-0118	4	-	DECAL SET	71-1019	1
34	DECAL - WARNING RISK OF ELECTROCUTION (SEE 71-1019)	N/A	1	*MUST ORDER IN ONE FOOT LENGTHS			

PUMP ASSEMBLY (3-0307)

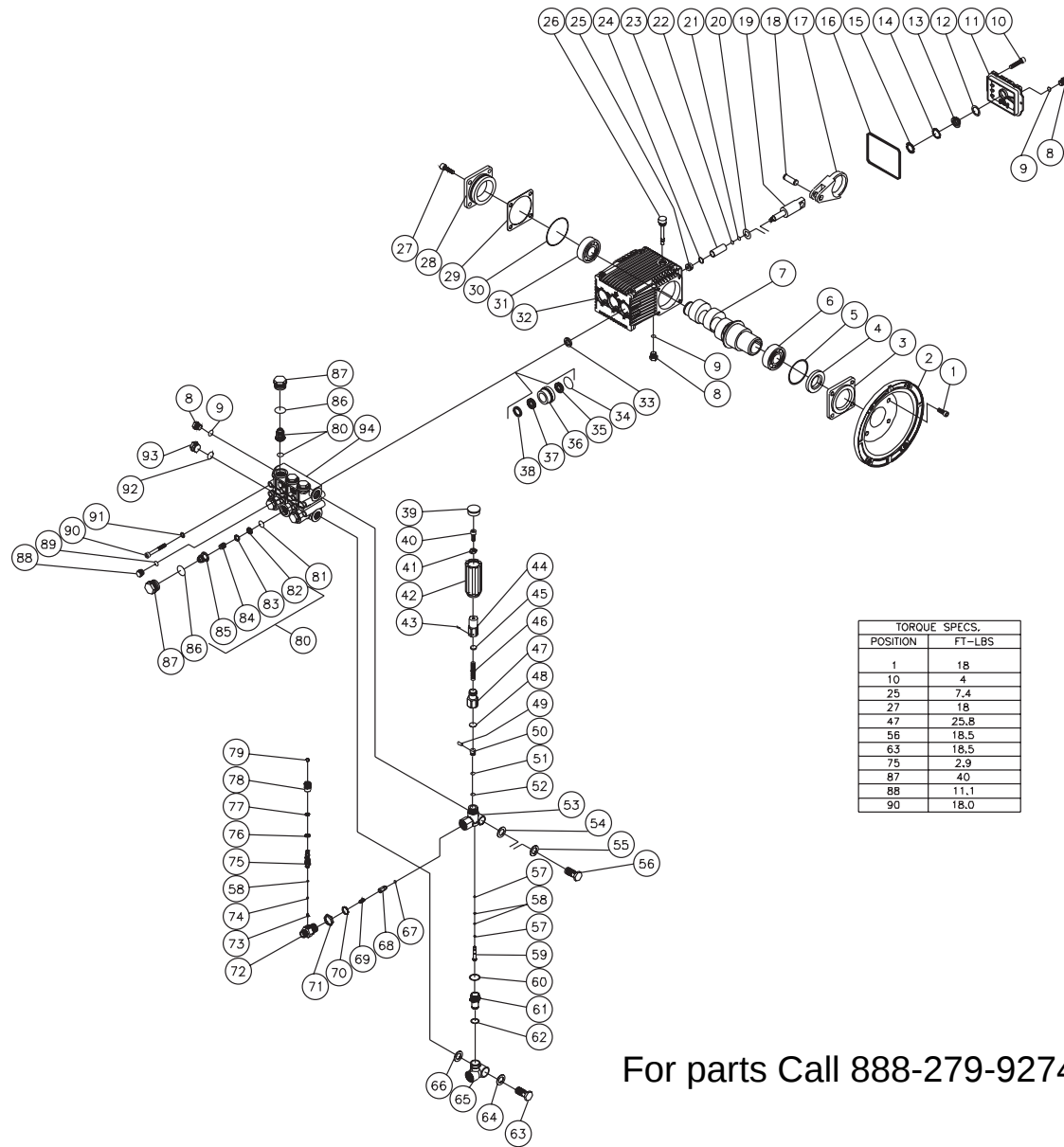
TORQUE SPECS.	
POSITION	FT-LBS
1	37
6	7.4
8	11
22	7.4
27	18
28	7.4
42	8.8



3-0307-030308-JJT

PUMP ASSEMBLY								
REF #	DESCRIPTION	PART #	QTY		REF #	DESCRIPTION	PART #	QTY
1	Valve Cap	39-0087	6		27	Screw	27-8432	4
2	O-Ring	25-0160	6		28	Bolt	27-8888	6
3	Single Valve Assembly	46-0731	6		29	Pump	46-0719	1
4	O-Ring	25-0386	6		30	O-Ring	25-0370	1
5	Unloader	8-0515	1		31	Oil Sight Glass	46-0670	1
6	Plug	39-0097	1		32	Oil Reflector	46-0824	1
7	Lockwasher	29-0153	8		33	Spring Retainer	46-0671	1
8	Bolt	27-8875	8		34	O-Ring	25-0398	1
9	Manifold	46-0730	1		35	Connecting Rod	46-0720	3
10	O-Ring	25-0372	1		36	Piston Pin	46-0721	3
11	O-Ring	25-0325	3		37	Plunger Rod	46-0722	3
12	Plug	39-0088	1		38	Washer	28-1027	3
13	Plug	39-0086	3		39	O-Ring	25-0371	3
14	Support Ring	-	3		40	Piston	46-0723	3
15	V Packing	46-0729	3		41	Gasket	26-0187	3
16	Packing Retainer	46-0728	3		42	Nut	30-6016	3
17	Low Pressure Seal	46-0727	3		43	Oil Dipstick	39-0090	1
18	Retainer	46-0726	3		44	Pump Crankshaft	46-0724	1
19	O-Ring	25-0399	3		45	Ball Bearing	48-0063	1
20	Oil Seal	26-0193	3		46	Snap Ring	46-0732	1
21	Crankshaft	-	1		47	Snap Ring	46-0676	1
22	Bolt	27-8886	1		48	Bearing Cap	46-0725	1
23	Bearing	48-0059	1			Kit- High Pressure Seals (3 each of 15, 17, 19)	70-0181	-
24	Retaining ring	46-0667	1			Kit- Support Rings (3 each of 14)	70-0182	-
25	Oil Seal	26-0192	1			Kit- Valves (6 each of 3, 4)	70-0161	-
26	Flange	38-0059	1					

PUMP ASSEMBLY (3-0207)



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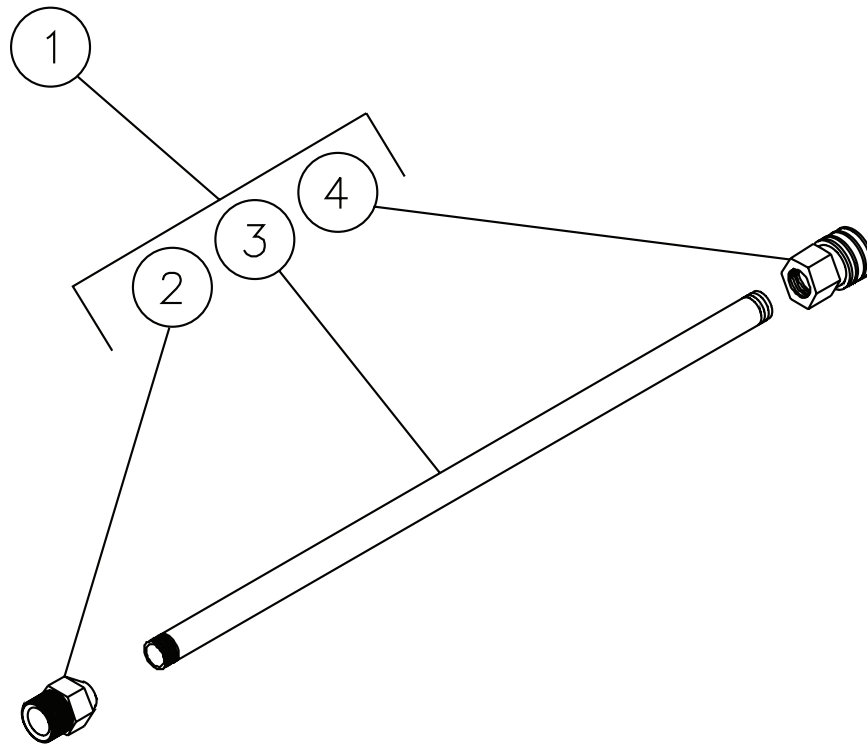
PUMP ASSEMBLY

REF. #	DESCRIPTION	PART #	QTY.	REF. #	DESCRIPTION	PART #	QTY.	REF. #	DESCRIPTION	PART #	QTY.
1	BOLT	27-8434	4	31	BEARING	48-0072	1	63	ADAPTER (SEE KIT 8-0456)	8-0438	1
2	FLANGE	38-0059	1	32	CRANKCASE	46-0811	1	64	WASHER (SEE KIT 8-0456)	8-0439	1
3	SHAFTCOVER	46-0713	1	33	OIL SEAL (SEE KIT 70-0337)	46-0931	3	65	INLET BYPASS ADAPTER (SEE KIT 8-0456)	8-0437	1
4	OIL SEAL (SEE KIT 70-0337)	26-0194	1	34	O-RING (SEE KIT 70-0177)	25-0384	3	66	WASHER (SEE KIT 8-0456)	8-0440	1
5	O-RING (SEE KIT 70-0337)	25-0397	1	35	LOW PRESSURE SEAL (SEE KIT 70-0177)	SEE KIT	3	67	O-RING (SEE KIT 8-0456)	25-0437	1
6	BEARING	48-0062	1	36	PACKING RETAINER	46-0708	3	68	CHECK VALVE (SEE KIT 8-0456)	8-0454	1
7	CRANKSHAFT	46-0919	1	37	V-PACKING (SEE KIT 70-0177)	SEE KIT	3	69	SPRING (SEE KIT 8-0456)	49-0123	1
8	PLUG	39-0102	1	38	SUPPORT RING (SEE KIT 70-0178)	SEE KIT	3	70	O-RING (SEE KIT 70-0196)	25-0372	1
9	O-RING	25-0325	3	39	CAP (SEE KIT 8-0456)	7-0142	1	71	TIGHTENER NUT (SEE KIT 70-0196)	8-0497	1
10	BOLT	27-8401	6	40	BOLT (SEE KIT 8-0456)	27-8433	1	72	INJECTOR ADAPTER (SEE KIT 70-0196)	8-0498	1
11	CRANKCASE COVER (INC. 8-9, 12-15)	46-0719	1	41	NUT (SEE KIT 8-0456)	30-3025	1	73	DETERGENT INJECTOR SPRING (SEE KIT 70-0196)	SEE KIT	1
12	O-RING	25-0370	1	42	UNLOADER KNOB (SEE KIT 8-0456)	7-0141	1	74	BALL (SEE KIT 70-0196)	SEE KIT	1
13	OIL SIGHT GLASS	46-0670	1	43	PIN (SEE KIT 8-0456)	8-0477	1	75	BARB (SEE KIT 70-0196)	8-0499	1
14	REFLECTOR	46-0824	1	44	ADJUSTMENT BARREL (SEE KIT 8-0456)	8-0476	1	76	O-RING (SEE KIT 70-0196)	SEE KIT	1
15	RETAINER	46-0671	1	45	SPRING BUTTON (SEE KIT 8-0456)	8-0475	1	77	O-RING (SEE KIT 70-0196)	SEE KIT	1
16	O-RING (SEE KIT 70-0337)	25-0398	1	46	SPRING (SEE KIT 8-0456)	49-0132	1	78	ADJUSTABLE DETERGENT KNOB (SEE KIT 70-0196)	7-0152	1
17	CONNECTING ROD- ALUMINUM	46-0896	3	47	GUIDE SPRING (SEE KIT 8-0456)	8-0474	1	79	SNAP RING (SEE KIT 70-0196)	SEE KIT	1
-	CONNECTING ROD- BRONZE	46-0922	3	48	SPRING BUTTON (SEE KIT 8-0456)	8-0445	1	80	SINGLE VALVE ASSEMBLY (INC. 82-85)	SEE KIT	6
18	PISTON PIN	46-0698	3	49	PIN (SEE KIT 8-0456)	8-0444	1	81	O-RING (SEE KIT 70-0319)	25-0386	6
19	PLUNGER ROD	46-0699	3	50	POPPET (SEE KIT 8-0456)	8-0443	1	82	VALVE SEAT (SEE KIT 70-0319)	SEE KIT	6
20	WASHER (SEE KIT 70-0352)	46-0700	3	51	BACK-UP RING (SEE KIT 8-0456 AND 70-0180)	SEE KIT	1	83	VALVE PLATE (SEE KIT 70-0319)	SEE KIT	6
21	BACK-UP RING (SEE KIT 70-0352)	25-0404	3	52	O-RING (SEE KIT 8-0456 AND 70-0180)	SEE KIT	1	84	VALVE SPRING (SEE KIT 70-0319)	SEE KIT	6
22	O-RING (SEE KIT 70-0352)	25-0382	3	53	UNLOADER BODY (SEE KIT 8-0456)	8-0451	1	85	VALVE CAGE (SEE KIT 70-0319)	SEE KIT	6
23	PISTON (SEE KIT 70-0352)	46-0701	3	54	WASHER (SEE KIT 8-0456)	8-0449	1	86	O-RING	25-0160	6
24	GASKET (SEE KIT 70-0352)	26-0191	3	55	WASHER (SEE KIT 8-0456)	8-0450	1	87	VALVE CAP	39-0095	6
25	NUT (SEE KIT 70-0352)	30-6020	3	56	ADAPTER (SEE KIT 8-0456)	SEE KIT	1	88	PLUG	39-0096	2
26	OIL DIPSTICK	39-0090	1	57	BACK-UP RING (SEE KIT 8-0456 AND 70-0180)	25-0395	2	89	O-RING	25-0387	2
27	BOLT	27-8884	4	58	O-RING (SEE KIT 8-0456 AND 70-0180)	25-0371	3	90	BOLT	27-8440	8
28	SUPPORT BEARING CAP	46-0703	1	59	PISTON (SEE KIT 8-0456)	8-0442	1	91	LOCKWASHER	29-0154	8
29	SHIM- 0.1MM (QTY. VARIES 1-3)	46-0704	-	60	O-RING (SEE KIT 8-0456 AND 70-0180)	25-0389	1	92	O-RING	25-0372	1
-	SHIM- 0.2MM (QTY. VARIES 1-3)	46-0705	-	61	NIPPLE (SEE KIT 8-0456)	8-0441	1	93	PLUG	39-0088	1
30	O-RING (SEE KIT 70-0337)	25-0380	1	62	O-RING (SEE KIT 8-0456 AND 70-0180)	SEE KIT	1	94	MANIFOLD	46-0711	1

REPLACEMENT KITS

KIT #	DESCRIPTION	ITEMS	# OF ASSEMBLIES	# OF CYLINDERS
70-0352	KIT - PISTON	20-25	3	3
70-0337	KIT - OIL SEAL	4, 5, 16, 30, 33	1, 1, 1, 1, 3	3
70-0177	KIT - HIGH PRESSURE SEALS	34, 35, 37	3	3
70-0178	KIT - SUPPORT RINGS	38	3	3
70-0319	KIT - VALVES	81-85	6	3
8-0456	KIT - UNLOADER	39-69		
70-0180	KIT - UNLOADER REPAIR	51, 52, 57, 58, 60, 62	1, 1, 2, 2, 1, 1, 1	1
70-0196	KIT - INJECTOR	70-79		

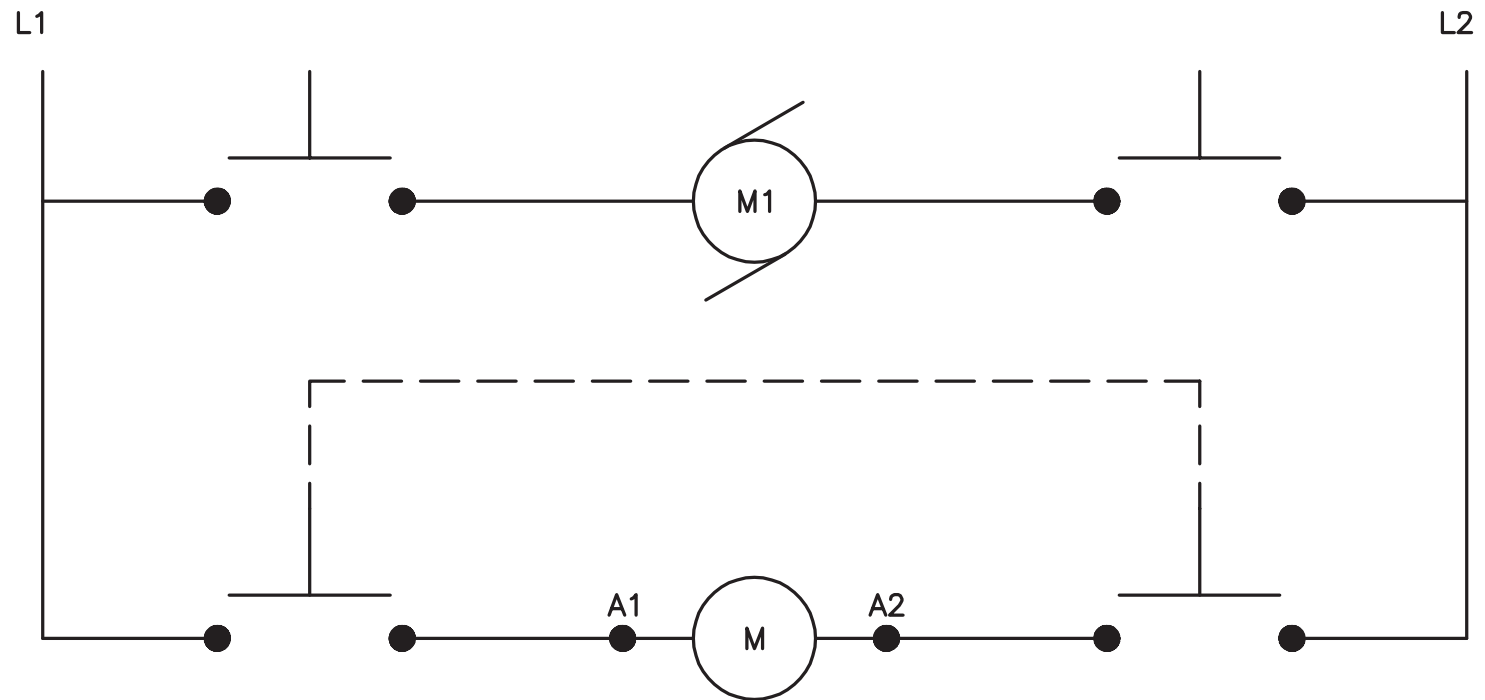
LANCE ASSEMBLY (16-0366)



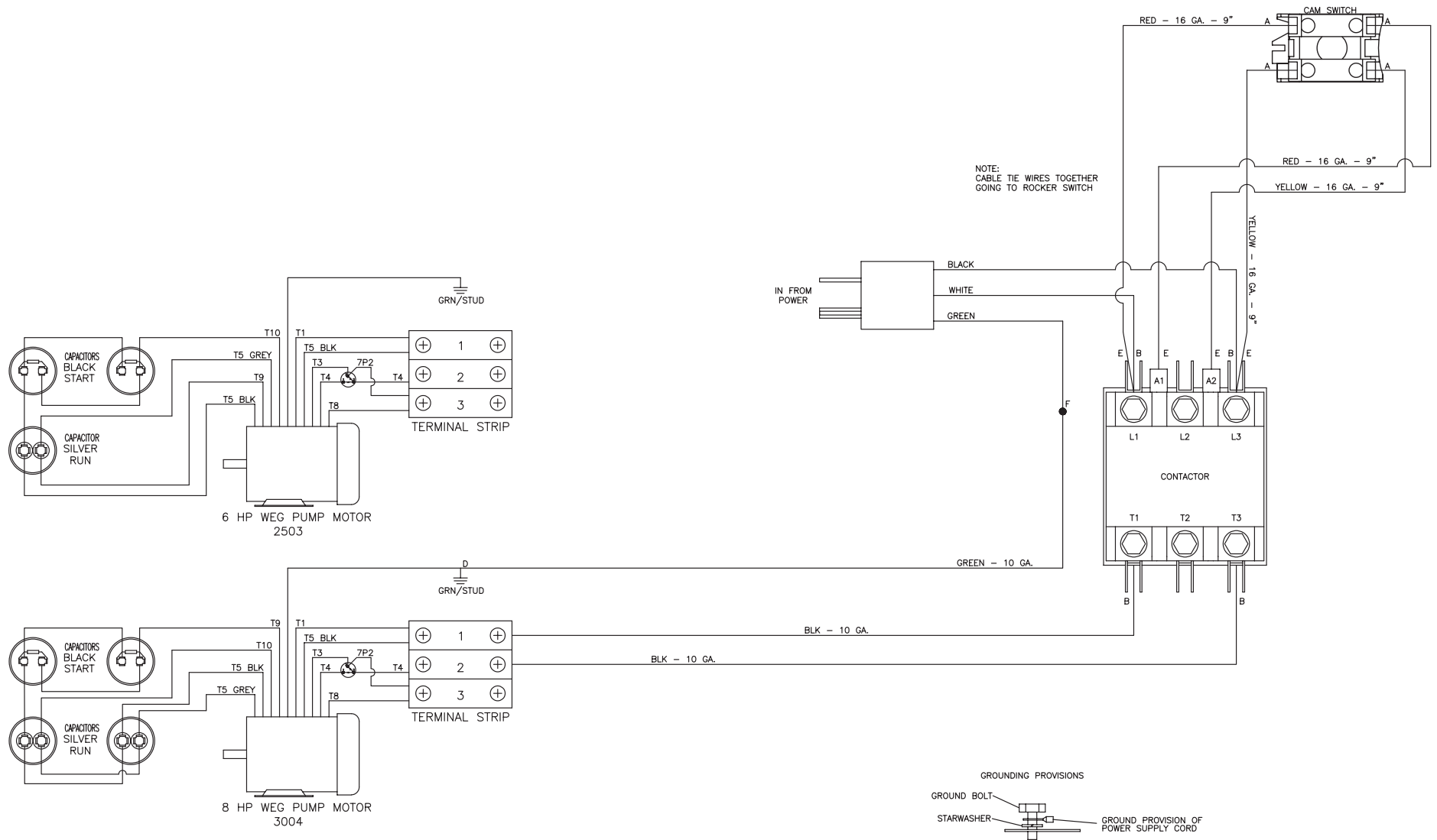
16-0366-102700-RD

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