



PARTS LIST FOR
CD-1002-2MUH/C
CD-1502-2MUH/C

MOTOR HORSEPOWER:

CD-1002-2MUH/C:

1.5 HP

CD-1502-2MUH/C:

2.0 HP

PUMP OIL GRADE:

Mi-T-M PUMP OIL #AW-4085-0016

PUMP OIL CAPACITY:

11.8 oz.

NOZZLE SIZE:

CD-1002-2MUH/C:

4.0

CD-1502-2MUH/C:

3.0

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.

Table of Contents

SPECIFICATIONS.....

3

FRAME ASSEMBLY FOR CD-1002/1502-2MUh

4

FRAME ASSEMBLY FOR CD-1002/1502-2MUC

6

MOTOR ASSEMBLY (851-0247 & 851-0248)

8

PUMP ASSEMBLY (3-0278)

10

UNLOADER ASSEMBLY (8-0572)

12

LANCE ASSEMBLY (16-0415)

14

WIRING SCHEMATIC

16

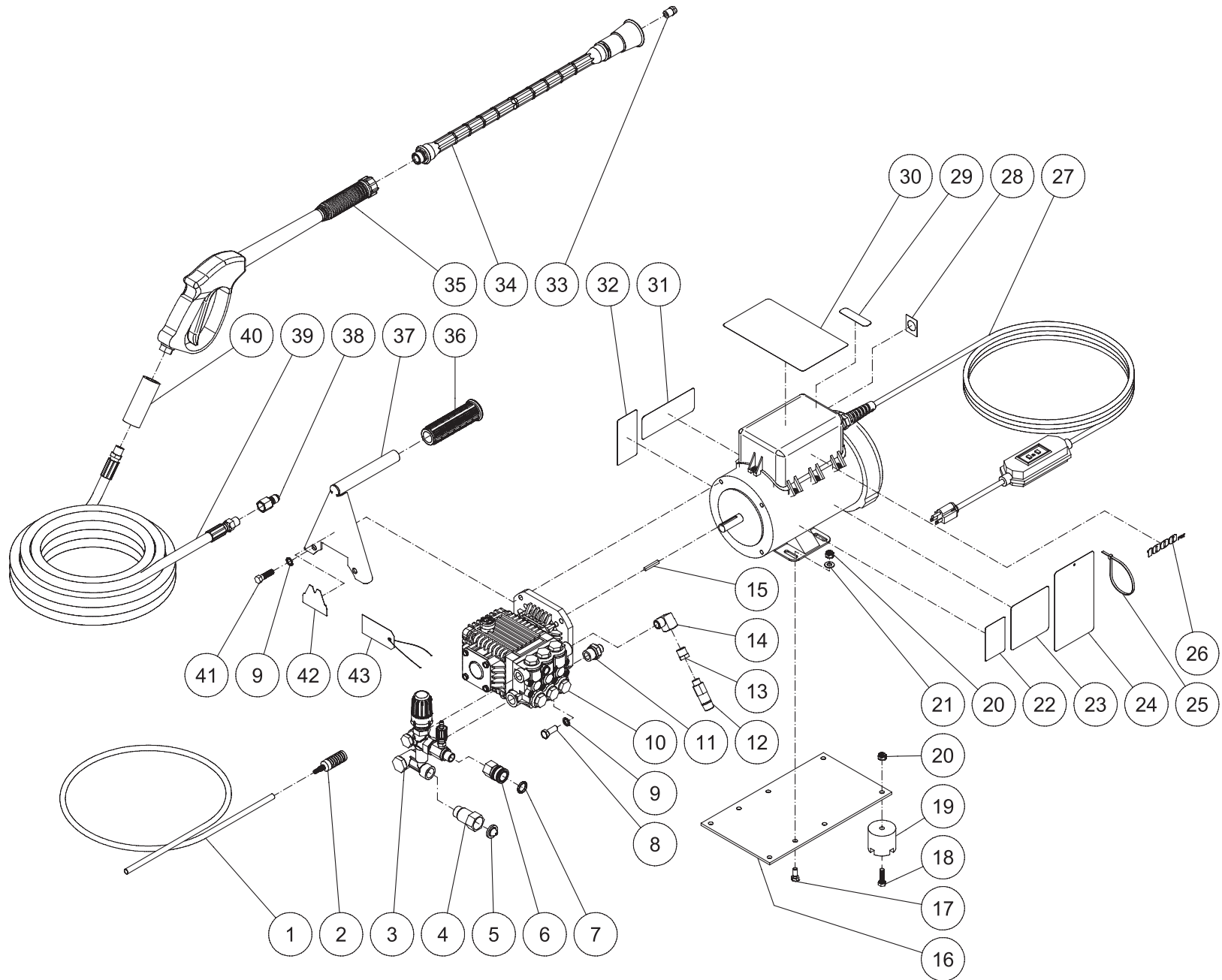
WIRING Diagram.....

17

SPECIFICATIONS

MODEL NUMBER	CD-1002-2MUH	CD-1002-2MUC	CD-1502-2MUH	CD-1502-2MUC
Operating Pressure (PSI/Bar):	1000/69		1500/103	
High Pressure Nozzle:	4.0		3.0	
Water Volume (GPM/lpm):	2.0/7.6			
Motor:	Totally enclosed fan cooled, circuit breaker thermal overload protection, 35ft. power supply cord with Ground Fault Circuit Interrupter (GFCI)			
Horsepower	1.5		2.0	
Voltage	120			
Phase	Single			
Amps	12.5		17.0	
Pump:	Direct Driven, Oil Bath, Triplex Piston			
Oil Type	Mi-T-M Pump Oil #AW-4085-0016			
Oil Capacity (oz./liters)	11.8/.35			
Plungers	Ceramic			
Manifold	Forged Brass			
Valves	Stainless Steel			
Unloader	Adjustable			
Pop-Off Valve	Relieves excess pressure			
Thermal Relief Valve	Relieves heated water during unloader bypass stage			
Detergent Injector:	Adjustable low pressure down stream from pump			
Unit Net Weight (lbs/Kg)	50/22.5	100/45	57/26	100/45
Unit Shipping Weight (lbs/Kg)	62/28	115/52	68/31	115/52
Unit Net Dimension (in)	21Lx13Wx14.5H	32Lx18Wx22.5H	21Lx13Wx14.5H	32Lx18Wx22.5H
Unit Net Dimension (cm)	53Lx33Wx37H	81Lx45.75Wx57H	53Lx33Wx37H	81Lx45.75Wx57H
Unit Shipping Dimension (in)	24.5Lx13Wx16H	33Lx21Wx24H	24.5Lx13Wx16H	33Lx21Wx24H
Unit Shipping Dimension (cm)	62Lx33Wx40.5H	84Lx53Wx61H	62Lx33Wx40.5H	84Lx53Wx61H

FRAME ASSEMBLY FOR CD-1002/1502-2MUH

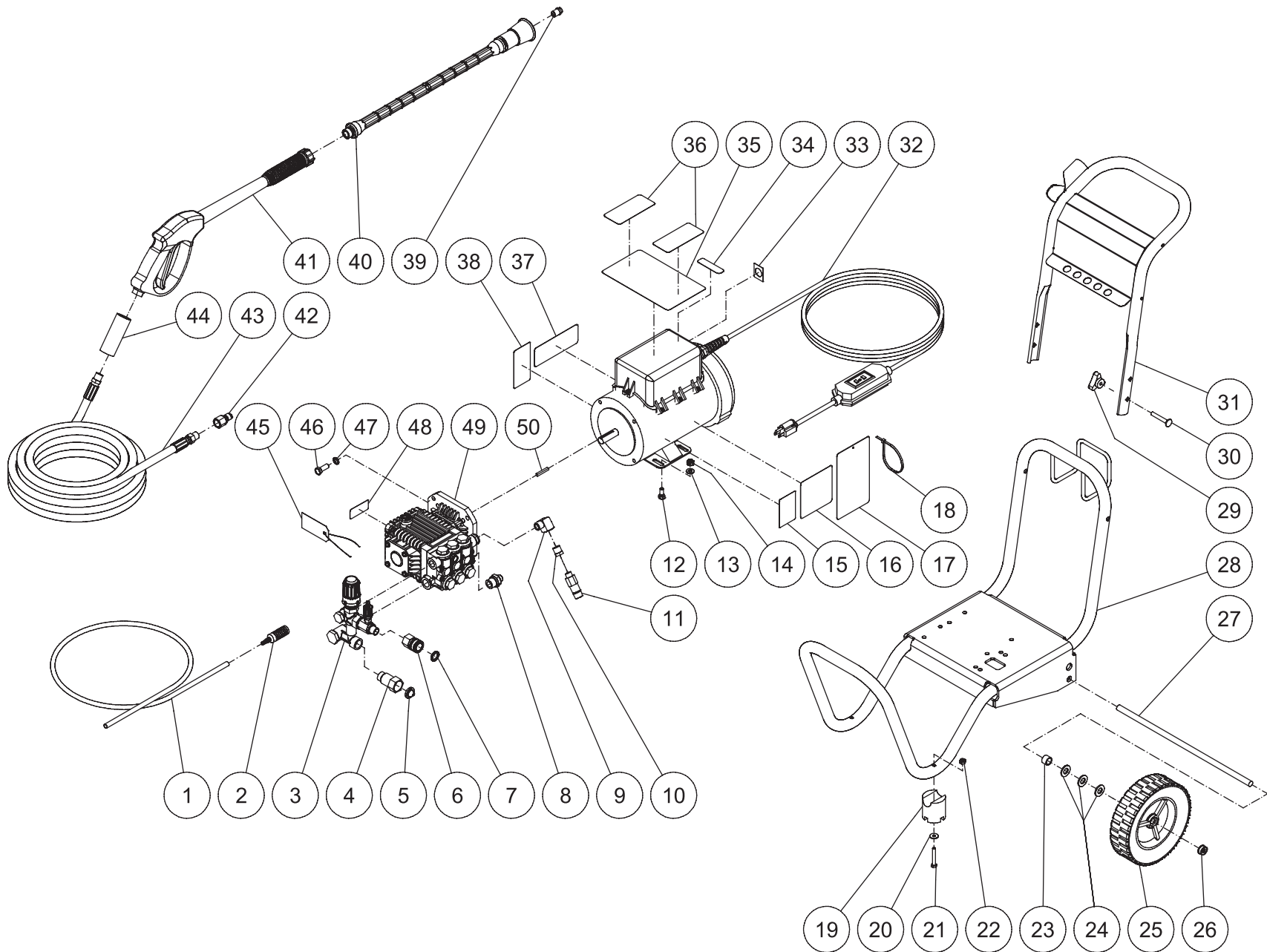


CD-1002/1502-2MUH-102709-CAW

FRAME ASSEMBLY FOR CD-1002/CD-1502-2MUH

ITEM	DESCRIPTION	Mi-T-M #	QTY	ITEM	DESCRIPTION	Mi-T-M #	QTY
1	DETERGENT HOSE *(FOUR FEET REQUIRED)	15-0021	1	25	CABLE TIE	33-0022	1
2	STRAINER	19-0050	1	26	DECAL - DIE CUT 1000 PSI	34-2181	1
3	UNLOADER	8-0572	1	-	DECAL - DIE CUT 1500 PSI	34-2194	1
4	SWIVEL	23-0445	1	27	MOTOR ASSEMBLY	851-0247	1
5	FILTER	19-0001	1	-	MOTOR ASSEMBLY (1502)	851-0248	1
6	QC SOCKET	17-0004	1	28	DECAL-ON/OFF	34-0612	1
7	O-RING	25-0123	1	29	DECAL - WARNING BACKFLOW PROTECTION	N/A	1
8	BOLT	27-0117	2	30	DECAL - WARNING RISK OF ELECTROCUTION - (E/S)	N/A	1
9	LOCKWASHER	29-0155	4	31	DECAL - WARNING RISK OF INJECTION/EXPLOSION - (E/S)	N/A	1
10	PUMP	3-0278	1	32	DECAL- SILVER STICKER	N/A	1
11	RELIEF VALVE	22-0371	1	33	NOZZLE	18-0053	1
12	POP-OFF VALVE	22-0046	1	-	NOZZLE (1002)	18-0054	1
13	REDUCER	23-0017	1	34	LANCE	16-0415	1
14	ELBOW	23-0034	1	35	GUN	16-0445	1
15	KEY	43-0072	1	36	HANDLE GRIP	7-0059	1
16	BASEPLATE	5-0110	1	37	HANDLE	7-0078	1
17	BOLT	27-0066	4	38	QUICK CONNECT	17-0006	1
18	BOLT	27-0068	4	39	HOSE	15-0138	1
19	ISOLATOR	14-0008	4	40	FOAM COVER	7-0046	1
20	LOCKNUT	30-0157	8	41	BOLT	27-0118	2
21	WASHER	28-0003	4	42	DECAL - Mi-T-M	34-2167	1
22	DECAL - CAUTION HOT WATER	N/A	1	43	TAG - IMPORTANT OIL PLUG - (E/S)	34-1067	1
23	DECAL - CAUTION/IMPORTANT - (E/S)	N/A	1	44	DECAL SET	34-9015	1
24	TAG - WARNING RISK OF ELECTROCUTION	34-1035	1	* MUST ORDER IN ONE FOOT LENGTHS			

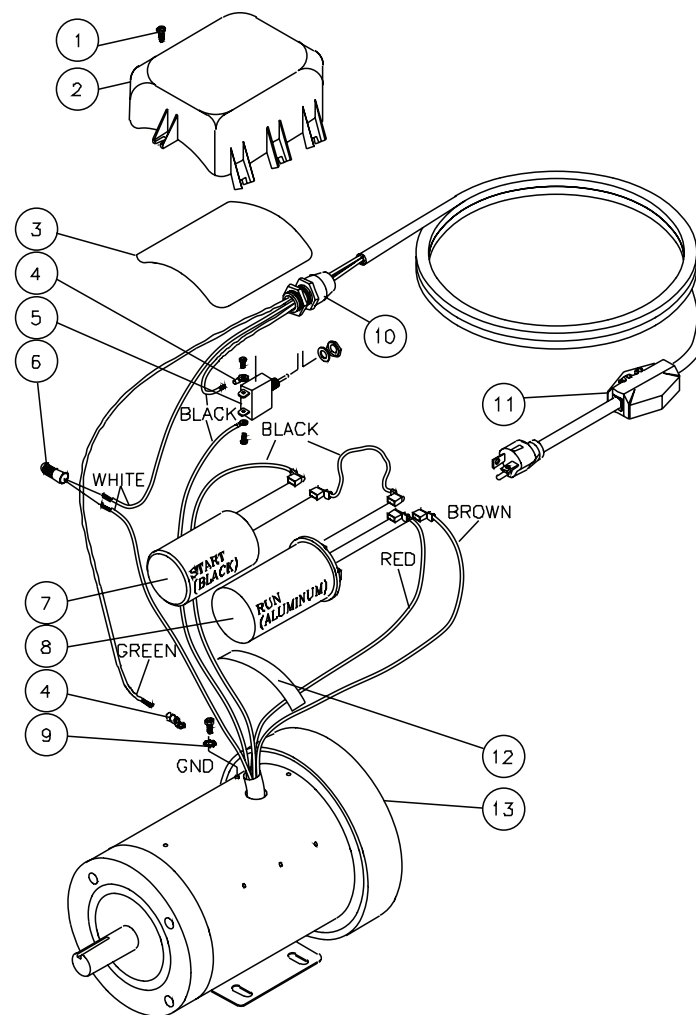
FRAME ASSEMBLY FOR CD-1002/1502-2MUC



CD-1002/1502-2MUC-0331080-JJT

FRAME ASSEMBLY FOR CD-1002/1502-2MUC							
REF. #	DESCRIPTION	PART #	QTY.	REF. #	DESCRIPTION	PART #	QTY.
1	Detergent Hose *(Four Feet Required)	15-0021	1	28	Frame Assembly	5-0148A01	1
2	Detergent Strainer	19-0050	1	29	Knob	7-0107	2
3	Unloader	8-0572	1	30	Carriage Bolt	31-0051	2
4	Garden Hose Swivel	23-0445	1	31	Handle Assembly	7-0158A01	1
5	Inlet Filter	19-0001	1	32	Motor Assembly- 1.5 HP (CD-1002-2MUH)	851-0247	1
6	Quick Connect Socket	17-0004	1	-	Motor Assembly- 2.0 HP (CD-1502-2MUH)	851-0248	1
7	O-ring (Replacement Only)	25-0123	-	33	Decal- On/Off (See 34-9015)	N/A Sep.	1
8	Thermal Relief Valve	22-0371	1	34	Decal- Warning: Backflow Protection (See 34-9015)	N/A Sep.	1
9	Elbow	23-0034	1	35	Decal- Warning: Risk of Electrocution (See 34-9015)	N/A Sep.	1
10	Bushing	23-0017	1	36	Decal- Mi-T-M CD-1002 (CD-1002-2MUH)	34-0629	2
11	Pop-Off Valve	22-0046	1	-	Decal- Mi-T-M CD-1502 (CD-1502-2MUH)	34-0630	2
12	Bolt	27-0066	4	37	Decal- Warning: Risk of Injection/Explosion (See 34-9015)	N/A Sep.	1
13	Washer	28-0003	4	38	Decal- Date Plate	N/A	1
14	Locknut	30-0157	4	39	Nozzle- 1504 (CD-1002-2MUH)	18-0054	1
15	Decal- Caution: Hot Water (See 34-9015)	N/A Sep.	1	-	Nozzle- 1503 (CD-1502-2MUH)	18-0053	1
16	Decal- Caution/Important (See 34-9015)	N/A Sep.	1	40	Lance Assembly	16-0415	1
17	Hang Tag- Warning: Risk of Electrocution (E/F/S)	34-1035	1	41	Gun	16-0445	1
18	Cable Tie	33-0022	1	42	Quick Connect Plug	17-0006	1
19	Isolator	14-0066	2	43	High Pressure Hose	15-0138	1
20	Washer	28-0021	2	44	Foam Covering *(One Foot Required)	7-0046	1
21	Bolt	27-0019	2	45	Tag- Remove Red Plug	34-1067	1
22	Locknut	30-0155	2	46	Bolt	27-0117	4
23	Axle Spacer	20-0406A01	2	47	Lockwasher	29-0155	4
24	Washer	28-0006	5	48	Decal- Important Pump Instructions (See 34-9015)	N/A Sep.	1
25	Wheel	14-0052	2	49	Pump	3-0278	1
26	Hub Cap	33-0055	2	50	Key	43-0072	1
27	Axle	20-0517	1		Safety Decal Kit (Inc. 15-16, 33-35, 37, 48)	34-9015	
*Must Order in One Foot Lengths							

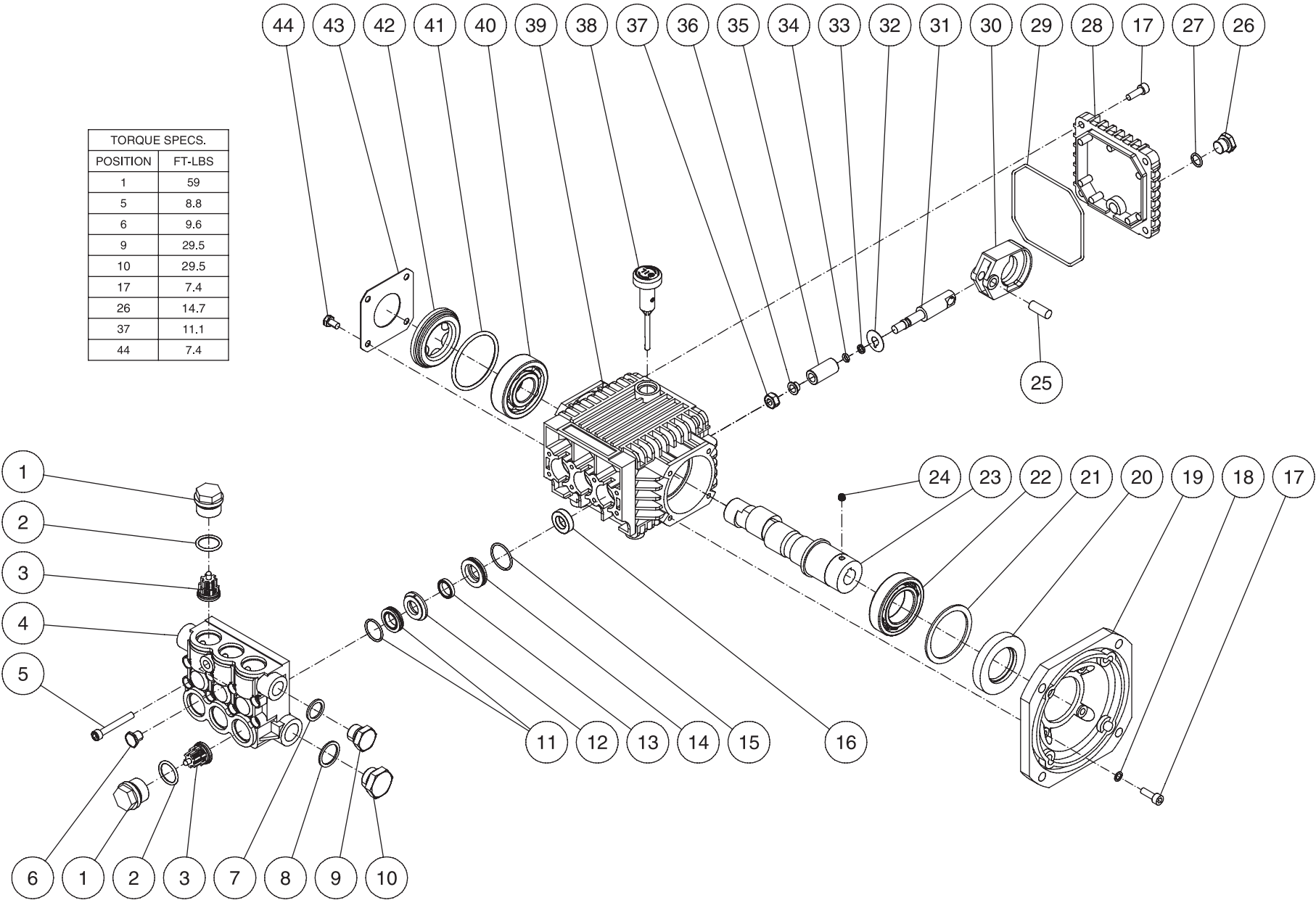
851-0247-081303-DLG



MOTOR ASSEMBLY (851-0247 & 851-0248)			
REF. #	DESCRIPTION	PART #	QTY.
1	Hex Screw	27-8389	8
2	Motor Box	52-0041	1
3	O-ring	25-0338	1
4	Terminal	32-0099	2
5	Switch for 851-0247 (15 Amp)	32-0408	1
-	Switch for 851-0248 (20 Amp)	32-0348	1
6	Crimp Splice	32-0359	1
7	Starting Capacitor for 851-0247	32-0411	1
-	Starting Capacitor for 851-0248	32-0412	1
8	Running Capacitor	32-0413	1
9	Lockwasher	28-1009	1
10	Strain Relief	32-0407	1
11	GFCI Cord for 851-0247 (15 Amp)	32-0268	1
-	GFCI Cord for 851-0248 (20 Amp)	32-0215	1
12	Motor Box Strap	52-0042	1
13	Motor- 1.5 H.P. (See 851-0247)	N/A Sep.	1
-	Motor- 2.0 H.P. (See 851-0248)	N/A Sep.	1
	Complete Motor Assembly (Inc. 1-13)	851-0247	
	Complete Motor Assembly (Inc. 1-13)	851-0248	

PUMP ASSEMBLY (3-0278)

TORQUE SPECS.	
POSITION	FT-LBS
1	59
5	8.8
6	9.6
9	29.5
10	29.5
17	7.4
26	14.7
37	11.1
44	7.4



3-0278-012706-JJT

PUMP ASSEMBLY (3-0278)							
REF. #	DESCRIPTION	PART #	QTY.		REF. #	DESCRIPTION	PART # QTY.
1	Valve Cap	39-0223	6		25	Wrist Pin	46-1226 3
2	O-ring	25-0012	6		26	Plug	39-0017 1
3	Valve Assembly (See 70-0028)	N/A Sep.	6		27	O-ring	25-0014 1
4	Manifold	46-1223	1		28	Rear Crankcase Cover	46-1227 1
5	Bolt	27-8407	8		29	O-ring	25-0593 1
6	Plug	39-0032	1		30	Connecting Rod	46-1228 3
7	Washer	28-0600	1		31	Plunger Guide	46-1229 3
8	Washer	28-1038	1		32	Washer	46-0167 3
9	Plug	39-0018	1		33	Anti-Extrusion Ring	25-0143 3
10	Plug	39-0019	1		34	O-ring	25-0337 3
11	High Pressure Seal w/ O-ring (See 70-0448)	N/A Sep.	3		35	Plunger	46-1230 3
12	High Pressure Intermediate Seal Retainer (See 70-0448)	N/A Sep.	3		36	Gasket Washer	46-1231 3
13	Low Pressure Seal (See 70-0448)	N/A Sep.	3		37	Nut	46-0168 3
14	Low Pressure Seal Retainer (See 70-0448)	N/A Sep.	3		38	Dipstick	46-0143 1
15	O-ring (See 70-0448)	N/A Sep.	3		39	Crankcase	46-1232 1
16	Oil Seal	26-0111	3		40	Ball Bearing	48-0013 1
17	Bolt	27-8409	8		41	O-ring	25-0060 1
18	Lockwasher	29-0153	4		42	Oil Level Indicator	46-0574 1
19	Pump Flange	38-0032	1		43	Oil Level Retainer	46-0084 1
20	Seal	26-0052	1		44	Bolt	27-8000 4
21	Spacer	46-1224	1			Packing Assembly (11-15)	70-0448
22	Ball Bearing	48-0011	1			Packing Kit (Inc. 3 each 11, 13, 15)	70-0447
23	Crankshaft	46-1225	1			Valve Kit (Inc. 6 each 3)	70-0028
24	Bolt	27-8886	1			Oil Seals Kit (Inc. 3 each 17)	70-0015

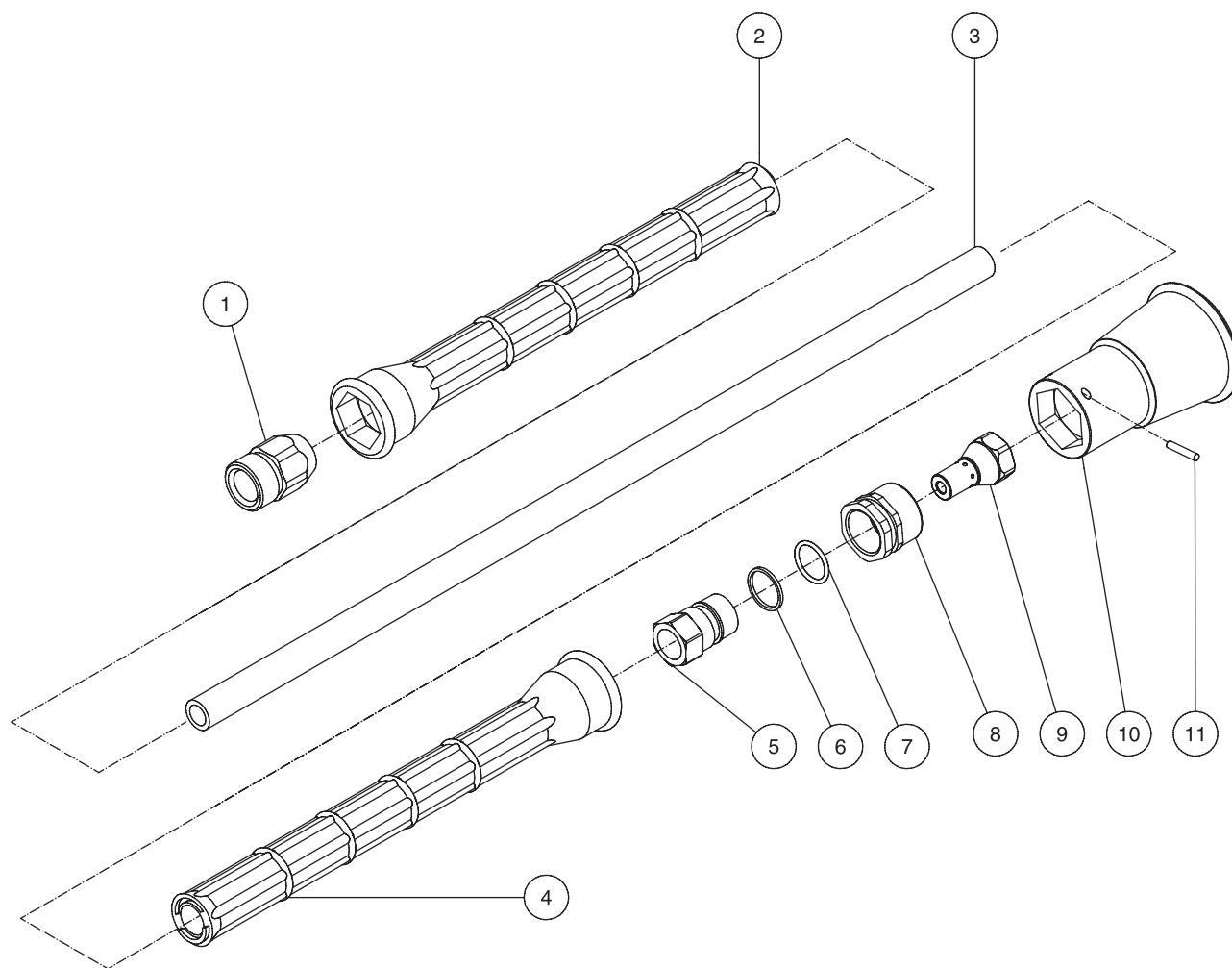
8-0572-041511-RSW



UNLOADER ASSEMBLY

ITEM	DESCRIPTION	PART #	QTY		ITEM	DESCRIPTION	PART #	QTY
1	ADJUSTMENT KNOB	7-0199	1		21	BANJO BOLT	8-0582	1
2	ADJUSTING CAP	8-0573	1		22	INLET MANIFOLD	N/A	1
3	SPRING	49-0163	1		23	SEALING WASHER	28-1052	2
4	RING NUT	8-0574	1		24	BANJO BOLT	8-0583	1
5	SPRING GUIDE PIN	8-0575	1		25	O-RING	N/A	1
6	PISTON HOLDER	8-0576	1		26	O-RING	N/A	1
7	O-RING	N/A	1		27	SHUTTER PIN	8-0584	1
8	SET SCREW	8-0479	1		28	SPRING	49-0150	1
9	O-RING	N/A	1		29	O-RING	N/A	1
10	BACK-UP RING	N/A	1		30	ORIFICE	50-0198	1
11	PISTON	8-0577	1		31	ADJUSTMENT KNOB	N/A	1
12	SPACER RING	8-0578	1		32	ADJUSTABLE SHUTTER BARB	N/A	1
13	O-RING	N/A	1		33	O-RING	N/A	1
14	BACK-UP RING	N/A	1		34	SPRING	N/A	1
15	SPACER RING	8-0579	1		35	PISTON RETAINER	N/A	1
16	O-RING	N/A	1		36	O-RING	25-0645	1
17	SHUTTER PIN	8-0580	1		37	BALL	50-0199	1
18	SEAT AND O-RING	8-0581	1		38	SPRING	49-0166	1
19	WASHER	8-0427	2		39	INJECTOR BODY	N/A	1
20	UNLOADER BODY	N/A	1					

LANCE ASSEMBLY (16-0415)



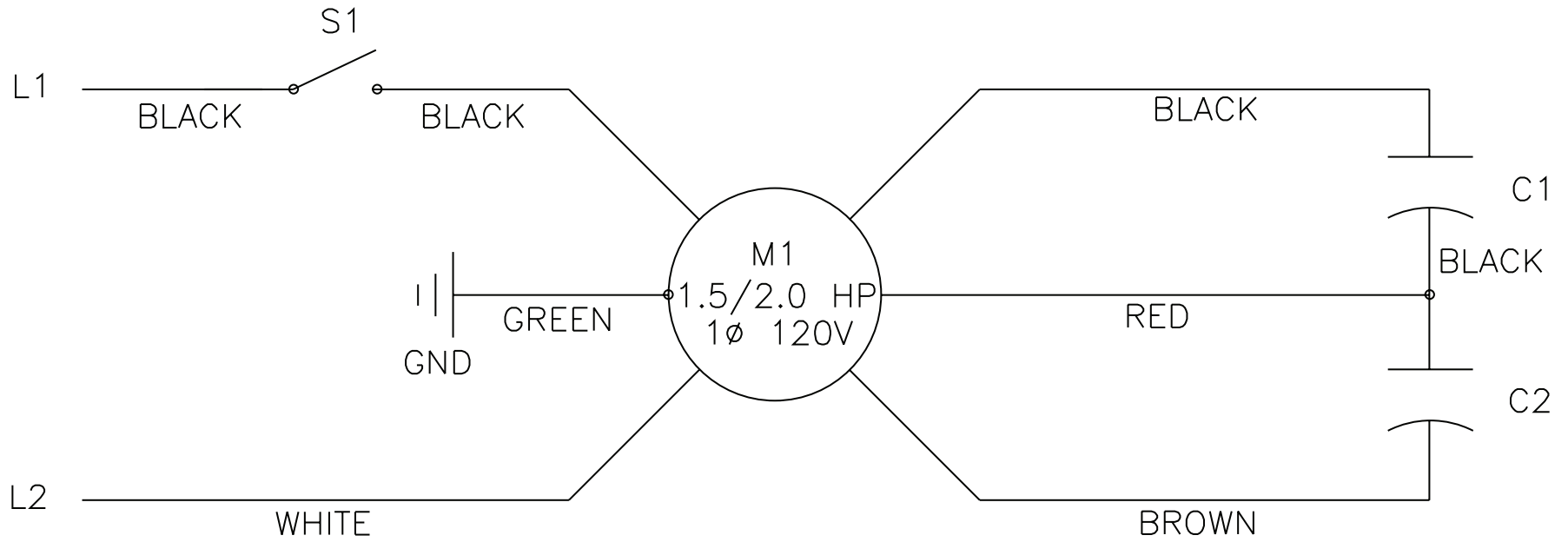
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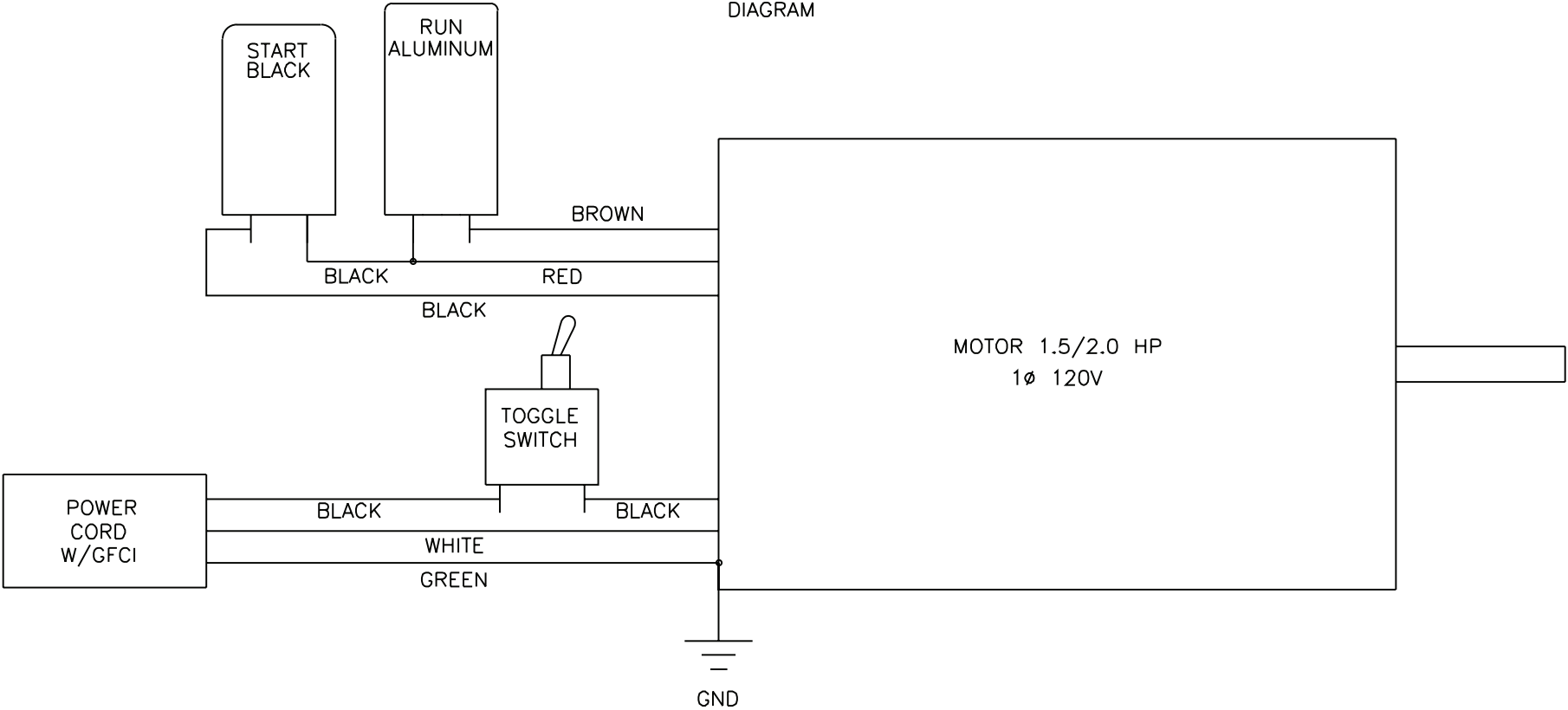
LANCE ASSEMBLY (16-0415)			
REF. #	DESCRIPTION	PART #	QTY.
1	Coupling	16-0378	1
2	Cover Protection (See 16-0415)	N/A Sep.	1
3	Pipe	16-0379	1
4	Cover Protection (See 16-0415)	N/A Sep.	1
5	Nipple (See 16-0415)	N/A Sep.	1
6	Back Ring (See 16-0415)	N/A Sep.	1
7	O-ring (See 16-0415)	N/A Sep.	1
8	Insert Ring Nut (See 16-0415)	N/A Sep.	1
9	Diffuser (See 16-0415)	N/A Sep.	1
10	Knob (See 16-0415)	N/A Sep.	1
11	Pin (See 16-0415)	N/A Sep.	1
	Complete Lance Assembly (Inc. 1-11)	16-0415	

WIRING SCHEMATIC

SCHEMATIC



WIRING DIAGRAM



Manufactured by Mi-T-M
8650 Enterprise Drive, Peosta IA 52068
563-556-7484/ Fax 563-556-1235