Illustrated Parts Manual

Models

20EL

25EL

30EL

36EL

41EL

P/N - 3120783

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ANSI

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FIGURE 1-1. BASE MOUNTED COMPONENTS INSTALLATION

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
		BASE ASSEMBLIES	Ref.	
	0258180	**20EL/25EL (PRIOR TO S/N 17519)**	Ref.	J
	0271423	**20EL/25EL (S/N 17519 TO PRESENT)**	Ref.	F
	0258469	**30EL (PRIOR TO S/N 17519)**	Ref.	H
	0271424	**30EL (S/N 17519 TO PRESENT)**	Ref.	G
	0258470	**36EL/41EL (PRIOR TO S/N 17519)**	Ref.	H
	0271425	**36EL/41EL (S/N 17519 TO PRESENT)**	Ref.	G
1	0100011	Loctite #242	A/R	
2	0100019	Loctite #272	A/R	
3	0641406	Bolt 1/4"-20NC x 3/4"	2	
4	0641606	Bolt 3/8"-16NC x 3/4"	6	
5	0641607	Bolt 3/8"-16NC x 7/8"	2	
6	0641830	Bolt 1/2"-13NC x 3/4"	2	
7	0720805	Screw #8-24NC x 5/8"	6	
8	0721005	Screw #10-24NC	2	
9	1320043	Clamp	6	
10	Use 0962288	Bushing, Molded Nylon Insulator (S/N 16557 to Present) (Prior to S/N 16557 - Was P/N 2540024 - Grommet)	8	
11	2540025	Grommet	2	
12	2560088	Handle	2	
13	2920151	Light, Indicator	4	
14	3020022	Lithium, White	A/R	
15	3300379	Locknut, Brass #8-32NC	16	
16	3310405	Locknut #4-40NC	A/R	
17	3310805	Locknut #8-32NC (Prior to S/N 19233)	6	
18	3311005	Locknut #10-24NC	2	
19	3311405	Locknut 1/4"-20NC	2	
20	3311605	Locknut 3/8"-16NC	2	
21	3311805	Locknut 1/2"-13NC	2	
22	Use 3312002	Locknut 5/8"-11NC (Prior to S/N 12331)	2	
	3312002	Nut 5/8"-11NC (S/N 12331 to Present)	2	
23		Pin, Plunger Options:	4	
	3422369	Prior to S/N 12037		
	3422744	S/N 12037 to Present		
24	3570946	Plate, Cover	2	
25	3570947	Plate, Cover	2	
26	3570973	Plate, Cover	2	
27	3740106	Relay (Note: Part of p/n 4922421 Harness after S/N 14544)	1	
28	3900194	Screw, Brass #8-32NC x 5/8"	8	
29	3900212	Screw, Button #4-40NC	A/R	
30	3900255	Screw, Shoulder	2	
31	3941405	Screw, Self-Tapping	8	
32	4460234	Tie, Wire	A/R	
33	4711600	Flatwasher 3/8"	14	
34	4711800	Flatwasher 1/2"	4	
35	Use 4740525	Flatwasher 3/4" (S/N 20143 to Present) (Prior to S/N 20143 - Was P/N 4712200)	4	

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FIGURE 2-1. AC POWER COMPONENTS INSTALLATION

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
		POWERPACK ASSEMBLY OPTIONS:	Ref.	
	0258434	**120 VOLT (Prior to S/N 17519)**	Ref.	C
	0271131	**120 VOLT (S/N 17519 to Present)**	Ref.	B
1	0630486	Screw, Counter Sunk	4	
2	0641406	Bolt 1/4"-20NC x 3/4"	4	
3	0721006	Screw	2	
4	0721014	Screw (Prior to S/N 12076)	1	
5	0860933	Junction Box Assembly (See Figure 2-2 for Breakdown)	1	
6		Ground Control Box Assembly Options:	1	
	0861212	Prior to S/N 20143		
	0861305	S/N 20143 to Present		
	7020078	Switch, Push-Pull (Stop)	1	
	7020096	Legend Plate, "Stop"	1	
	7020097	Legend Plate, "Power/Off/On"	1	
		Switch, Key Options:	1	
	7020098	Prior to S/N 20143		
	4360467	S/N 20143 to Present		
		Key, Replacement Options:	1	
	7016339	Prior to S/N 20143		
	2860030	S/N 20143 to Present		
	7020090	Connector, Strain Relief	1	
	7020093	Screw m3 x 25	4	
	7020094	Lid	1	
7	3311005	Locknut #10-24NC	A/R	
8	3311405	Locknut 1/4"-20NC	4	
9	3311505	Locknut 5/16"-18NC	4	
10		Pump/Motor Assembly Options (See Figure 2-3 for Breakdown):	1	
	3600281	Prior to S/N 12829		
	3600292	S/N 12829 to S/N 17519		
	3600322	S/N 17519 to Present		
11	3740113	Relay, Timer (Prior to S/N 12076 Only)	1	
12	4460566	Terminal, 90 Degrees	1	
13	4751000	Flatwasher #10	A/R	
14	4751400	Flatwasher 1/4"	8	
15	4751500	Flatwasher 5/16"	4	
16	4845712	Plate, Mounting	1	
		POWERPACK INSTALLATION OPTIONS:	Ref.	
	0258683	**20EL (Prior to S/N 17519)**	Ref.	C
	0271139	**20EL (S/N 17519 to Present)**	Ref.	E
	0258478	**25EL/30EL/36EL/41EL (Prior to S/N 17519)**	Ref.	B
	0271137	**25EL/30EL/36EL/41EL (S/N 17519 to Present)**	Ref.	D
101	Not Used			
102	0641404	Bolt 1/4"-20NC x 1/2"	4	
103		Bolt Options:	4	
	0641610	Bolt 3/8"-16NC x 1 1/4" (20EL)		

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FIGURE 3-1. MAST ASSEMBLY - 20EL

FIG & ITEM #	PART NUMBER	DESCRIPTION	QTY.	REV.
		MAST ASSEMBLY - 20EL OPTIONS:	Ref.	
	0801141	**(Prior to S/N 17519)**	Ref.	H
	0801291	**(S/N 17519 to Present)**	Ref.	C
1	0100011	Loctite #242 (Not Shown)	A/R	
2	0362735	Bar, Sheave Pin Support	4	
3	0362736	Bar, Sheave Pin Support	2	
4	0362758	Bar, Gravity Latch	1	
5	0641406	Bolt 1/4"-20NC x 3/4"	33	
6	0641407	Bolt 1/4"-20NC x 7/8"	6	
7		Bolt Options:	A/R	
	0641410	Bolt 1/4"-20NC x 1 1/4" (Prior to S/N 15661)	4	
	0681410	Bolt 1/4"-20NC x 1 1/4" (S/N 15661 to Present)	8	
8	0641508	Bolt 5/16"-18NC x 1"	1	
9	0641610	Bolt 3/8-16NC x 1 1/4"	2	
10	0641618	Bolt 3/8"-16NC x 2 1/4"	4	
11	0641812	Bolt 1/2"-13NC x 1 1/2"	4	
12	0741606	Screw 3/8"-16NC x 3/4"	4	
13	0902047	Bracket, Sequence Cable	1	
14	0902423	Bracket, Bottom Chain Attach	1	
15	0902424	Bracket, Bottom Chain Attach	2	
16	0902431	Bracket, Sequence Cable	3	
17	0902445	Bracket, Sequence Cable	3	
18	0961892	Bushing, Flanged	2	
19	1060683	Cable, Sequence	3	
20	1060685	Cable, Extension	2	
21	1060696	Cable, Extension	2	
22	1260329	Chain Assembly - #466 (See Items 101-107 for Breakdown)	2	
23	1271389	Channel, Mast #1	1	
24	1271390	Channel, Mast #2	1	
25	1271391	Channel, Mast #3	1	
26	1271392	Channel, Mast #6	1	
27	1271393	Channel, Mast Header	1	
28		Lift Cylinder Assembly Options (See Section 5 for Breakdown):	1	
	1683699	(Prior to S/N 17519)		
	1684088	(S/N 17519 to Present)		
29	2880310	Key	3	
30	3311405	Locknut 1/4"-20NC (Prior to S/N 12269)	3	
	3311401	Nut 1/4"-20NC (S/N 12269 to Present)	3	
31	3311505	Locknut 5/16"-18NC	1	
32	3311601	Nut 3/8"-16 NC	12	
33	3311605	Locknut 3/8"-16NC	6	
34	3340845	Pad, Slide Guide	14	
35		Pad, Slide Guide Options:	2	
	Use 3340858	Prior to S/N 15661 (P/N was 3340846)		
	3340858	S/N 15661 to Present		
36	3422717	Pin, Sheave	3	
37	3570893	Plate, Cylinder Mount	2	

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