



SERVICE PARTS LIST

BULLETIN NO.
54-10-0225

SPECIFY CATALOG NO. AND SERIAL NO. WHEN ORDERING PARTS			REVISED BULLETIN	DATE
1/2" VARIABLE SPEED REVERSING COMPACT DRILL				Nov. 2008
CATALOG NO.	1663-20	STARTING SERIAL NO.	WIRING INSTRUCTION	
		931A	58-01-0675	

EXAMPLE:

00	0
----	---

 Component Parts
 (Small #) Are Included
 When Ordering The
 Assembly (Large #).

FIG.	PART NO.	DESCRIPTION OF PART	NO.REQ.	FIG.	PART NO.	DESCRIPTION OF PART	NO.REQ.
1	06-82-8908	12-24 x 3/4" Pan Hd. Slit. Tapt. T-27	(2)	37	36-66-2252	Intermediate Shaft	(1)
2	31-44-1550	Spade Handle	(1)	38	02-04-0820	Ball Bearing	(1)
3	43-62-0246	Handle Grip	(1)	39	28-14-1715	Gear Case Assembly	(1)
4	43-62-0122	Pipe Handle	(1)	40	06-82-7784	10-24 x 1-7/16" Tapt. T-27	(2)
5	12-99-3150	Nameplate Blank	(1)	41	02-04-1567	Ball Bearing	(1)
6	06-95-0500	Nameplate Screw	(2)	42	34-80-2500	Retaining Ring	(1)
7	26-50-6300	Motor Housing	(1)	43	45-88-0330	Chuck Washer	(1)
8	44-66-5510	Cover Plate	(1)	44	06-82-7752	10-24 x 1-3/16" Taptite Sem.T-27	(2)
9	06-82-5270	6-32 x 1/4" Pan Hd. Slit. Tapt. T-15	(2)	45	48-66-1381	1/2" Reversing Chuck	(1)
10	22-20-0660	Brush Tube	(2)	46	48-66-3280	Chuck Key	(1)
11	22-18-0680	Carbon Brush Assembly	(2)	47	48-66-4040	Key Holder	(1)
12	23-44-0210	Brush Retaining Screw	(2)	48	06-75-3150	1/4-20 x 1" Skt. Hd. Cap Screw-L.H.	(1)
13	31-44-1500	Right Hand Handle Half	(1)	49	48-76-4008	Quik-Lok Cord Set	(1)
14	06-82-7284	8-16 x 3/4" Plastite T-20 Screw	(1)	50	22-56-0835	Pin Housing Assembly	(1)
15	45-36-1585	Spacer	(1)	51	06-95-5150	6-32 x 1/4" Hex Hd. Tapt. Sems	(1)
16	23-48-7210	Insulation Sleeve	(1)	52	22-84-0660	Fan	(1)
17	23-66-0115	Switch	(1)	53	02-04-0820	Ball Bearing	(1)
18	06-82-6000	1/4-20 x 2-3/4" Pan Hd. Slit. Tapt. T-27	(4)	54	32-42-1221	Intermediate Gear	(1)
19	31-44-1505	Left Hand Handle Half	(1)	55	06-42-0800	Woodruff Key	(1)
20	23-16-1275	Motor Insulator Right Half	(1)	56	36-66-2201	Intermediate Shaft	(1)
21	06-65-1230	Grooved Pin	(2)	57	02-04-0820	Ball Bearing	(1)
22	18-50-0065	120 V. Field	(1)	58	45-94-0380	Thumbwheel	(1)
23	02-04-0847	Ball Bearing	(1)	59	43-72-0220	Interlock	(1)
24	23-16-1276	Motor Insulator - Left Half	(1)	60	06-82-5266	4-40 x 1/4" Pan Hd. Taptite T-10	(2)
25	16-50-1060	120 V. Armature	(1)	61	45-88-8710	Foam Washer	(1)
26	02-04-1050	Ball Bearing	(1)	62	06-82-7240	6-19 x 1/2" Pan Hd. Plastite T-15	(1)
27	28-28-1700	Diaphragm Assembly	(1)	63	14-20-3065	Control Assembly	(1)
28	06-65-0625	3/16 x 1/2" Groove Pin	(1)	64	14-20-3070	Triac/Reversing Switch Assembly	(1)
29	45-30-0060	Bearing Retaining Slug	(5)	65	05-81-0125	M3 x 5 Machine Screw	(2)
30	02-04-0820	Ball Bearing	(1)	66	23-48-0130	Insulation Sleeve	(1)
31	32-75-2701	Spindle Gear	(1)		10-98-5986	Warning Label	(1)
32	06-42-2000	Woodruff Key	(1)		10-98-5982	French/Spanish Warning Label	(1)
33	38-50-5430	Spindle	(1)				
34	02-04-0820	Ball Bearing	(1)	FIG. LUBRICATION			
35	32-44-1161	Intermediate Gear	(1)	39	5-1/2 Oz. Type "E" Grease, 49-08-4122.		
36	06-42-0800	Woodruff Key	(1)				

