



# SERVICE PARTS LIST

**BULLETIN NO.**  
**54-38-0452**

SPECIFY CATALOG NO. AND SERIAL NO. WHEN ORDERING PARTS		REVISED BULLETIN	DATE
<b>4" BELT SANDER</b>		54-38-0451	June '94
<b>CATALOG NO.</b> 5931	<b>STARTING SERIAL NO.</b> 766A	<b>WIRING INSTRUCTION</b> <b>58-01-0745</b>	

**EXAMPLE:**

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

FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
1	06-82-7354	8-16 x 1-3/8" Slit. Pan Hd. Plast. T-20	(1)
★ 2	12-20-0400	Service Nameplate Kit	(1)
3	31-15-0202	Timing Pulley Cover	(1)
4	34-60-0530	Retaining Ring	(1)
5	42-25-2511	Timing Belt	(1)
★ 6	06-82-7252	8-32 x 3/8" Pan Hd. Taptite T-20	(1)
7	45-88-5170	Steel Washer	(1)
8	02-04-0849	Ball Bearing	(1)
9	28-95-0132	Timing Pulley	(1)
10	02-04-0849	Ball Bearing	(1)
11	34-60-0530	Retaining Ring	(1)
13	36-66-4321	Counter Shaft	(1)
14	42-96-0120	Nylon Cup	(1)
15	02-50-2435	Needle Bearing	(1)
★ 16	06-82-5316	8-32 x 1/2" Pan Hd. Taptite T-20	(3)
17	28-20-1230	Gearcase Cover	(1)
18	40-50-8290	Adjusting Spring	(1)
19	32-60-2130	Gear	(1)
20	36-90-0101	Rear Drum Shaft	(1)
21	42-40-0940	Front Drum Bushing	(2)
22	43-44-0585	Gearcase Gasket	(1)
23	28-14-1500	Gearcase	(1)
24	06-82-5574	10-24 x 7/8" Slit. Pan Hd. Taptite T-25	(3)
26	43-98-0232	Belt Aligning Hand Knob	(1)
27	45-88-8030	Washer	(1)
28	06-82-5474	10-24 x 1-3/8" Slit. Pan Hd. Tapt. T-25	(1)
29	06-75-0018	8-32 x 3/8" Hex Washer Hd. Sem.	(1)
30	23-86-0790	Insulation Washer	(1)
31	28-37-0033	Drive Pulley	(1)
32	02-04-0845	Ball Bearing	(1)
33	23-44-0170	Brush Retaining Screw	(2)
34	22-18-0580	Carbon Brush Assembly	(2)
35	44-46-0210	Felt Oiler	(1)
36	31-50-0370	Rear Motor Housing Assembly	(1)
37	45-30-0060	Bearing Retaining Slug	(1)
38	22-20-0271	Brush Tube	(2)
40	31-17-0156	Cord Clamp	(1)
41	06-82-7270	8-16 x 5/8" Slit. Pan Hd. Plast. T-20	(2)
42	44-76-0135	Cord Protector	(1)
43	22-64-0830	Cord Set	(1)
44	02-04-1000	Ball Bearing	(1)
45	18-70-0055	120 Volt Field	(1)
46	06-82-7382	8-16 x 1-5/8" Slit. Pan Hd. Plast. T-20	(2)
47	16-70-0211	120 Volt Armature	(1)
48	22-84-0750	Exhaust Fan	(1)
49	06-77-0625	6 x 1/4" Rd. Drive-In Screw	(3)
50	42-14-0260	Exhaust Fan Baffle	(1)
51	23-66-0166	Switch	(1)
52	06-82-7409	8-16 x 1/2" Slit. Pan Hd. Plast. T-20	(1)
53	02-04-0844	Ball Bearing	(1)
54	31-50-0328	Front Motor Housing Assembly	(1)
55	06-65-0855	1/8 x 7/8" Groove Pin	(1)
56	06-82-7410	8-16 x 1-7/8" Slit. Pan Hd. Plast. T-20	(1)
57	06-82-7410	8-16 x 1-7/8" Slit. Pan Hd. Plast. T-20	(1)
58	06-82-7326	8-16 x 1" Slit. Pan Hd. Plast. T-20	(5)
59	44-68-0511	Dust Chute Plug	(1)

FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
60	43-44-0591	Blower Housing Gasket	(1)
61	06-82-7410	8-16x1-7/8" Slit. Pan Hd. Plas. T-20	(2)
62	31-50-0332	Blower Housing	(1)
63	06-82-7522	8-16x2-13/16" Pan Hd. Plast. T-20	(3)
64	45-98-0210	Yoke	(1)
65	06-82-7530	8-16x3-1/4" Slit. Pan Hd. Plas. T-20	(1)
66	02-04-1201	Ball Bearing	(1)
67	34-80-2021	Retaining Ring	(1)
★ 68	06-82-3820	8-32 x 5/8" Flat Hd. Taptite T-15	(3)
69	28-95-0156	Rear Drum	(1)
70	34-60-2500	Retaining Ring	(1)
71	40-50-7811	Tensioning Spring	(1)
72	30-58-0040	Tensioning Lever	(1)
73	40-50-8220	Biasing Spring	(1)
74	36-90-0091	Front Drum Shaft	(1)
75	42-24-0420	Sleeve Bearing	(1)
76	06-82-5266	4-40 x 1/4" Pan Hd. Taptite T-10	(1)
77	45-88-7170	Washer	(1)
78	06-82-5268	4-40 x 3/8" Slit. Pan Hd. Taptite T-9	(3)
79	44-66-3960	4" Pad Liner	(1)
80	45-88-8140	Nylon Washer	(1)
81	34-60-3520	Exterior Retaining Ring	(1)
82	44-52-0140	Base Plate Pad	(1)
83	28-06-0985	4" Base	(1)
84	02-04-0645	Ball Bearing	(1)
85	42-70-5045	Static Clip	(1)
86	28-95-0143	Front Drum Assembly	(1)
88	06-82-7252	8-32 x 3/8" Slit. Pan Hd. Tapt. T-20	(2)
89	44-66-3941	Steel Wear Plate	(2)
90	45-88-8180	Washer	(2)
91	06-77-0450	4 x 1/4" Rd. Drive-In Screw	(2)
92	42-14-0250	Dust Channel Baffle	(1)

**FIG. LUBRICATION**  
23 3/4 oz. Type 'J' Grease, No. 49-08-4220. Place grease in counter shaft cavity after counter shaft is pressed in.

**FIG. NOTES**  
64,80 .005 clearance required between yoke and nylon washer.

69 Left hand thread, use strap wrench to disassemble.

70,72,81 Not to be reused after disassembly.

72 To remove from base, tensioning lever pin should be pressed out from bottom side of base.

70,74 Do not pry retaining ring off, press out front drum shaft.

81 Assembled with 11/32" hex socket.

88 Apply Loctite Type CV Blue, No. 44-22-0090 to threads prior to assembly.

