



# SERVICE PARTS LIST

BULLETIN NO.  
54-40-6001

SPECIFY CATALOG NO. AND SERIAL NO. WHEN ORDERING PARTS		REVISED BULLETIN 54-40-6000	DATE Feb. 2005
7-1/4" CIRCULAR SAW with TILT-LOK® HANDLE			
CATALOG NO.	6390-20	SERIAL NUMBER	983B
		WIRING INSTRUCTION 58-01-1320	

00  
0

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

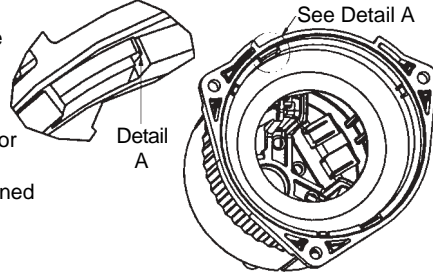
★ = Part number change from  
previous service parts list.

FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
★ 1	02-04-0847	Ball Bearing	(1)
2	02-04-1850	Ball Bearing	(1)
3	02-50-2423	Needle Bearing	(1)
4	05-78-0305	Switch Screw	(4)
★ 5	45-22-0605	Lower Guard Sleeve	(1)
★ 6	06-75-0035	5/16-18 x 9/16" Blade Screw	(1)
7	06-75-5850	5/16 -18 L.H. Thread Bolt	(1)
8	06-75-5860	1/4-20 x 3/4" Hex Hd. Screw	(1)
9	06-82-5314	10-24 x 1/2" Pan Hd. Taptite T-25	(14)
10	06-82-5358	12-24 x 3/4" Pan Hd. Taptite T-27	(3)
11	06-82-5474	10-24 x 1-3/4" Pan Hd. Taptite T-25	(1)
12	06-82-7270	8-16 x 5/8" Pan Hd. Sl. Plastite T-20	(10)
13	06-82-7395	8-16 x 1-3/4" Pan Hd. Plastite T-20	(2)
14	06-82-8875	5/8"-DG50 Thread Form Screw T-20	(3)
18	12-20-6390	Service Nameplate Kit	(1)
19	16-70-0055	Armature	(1)
20	18-70-1045	Field	(1)
21	22-18-0075	Brush Assembly	(2)
22	22-22-0030	Brush Tube Assembly	(2)
23	22-64-0100	Cord Assembly	(1)
24	23-66-2115	Switch	(1)
25	23-94-1180	Lead Assembly	(1)
26	23-94-1185	Lead Assembly	(1)
27	25-20-0120	Upper Guard Cover	(1)
28	14-67-0255	Bevel Bracket Assembly	(1)
29	28-14-0100	Gearcase	(1)
★ 30	28-41-1032	Lower Guard Kit	(1)
31	31-05-0045	Baffle	(1)
32	31-15-0461	Motor Cover	(1)
★ 33	31-44-0054	Right Handle Half	(1)
34	31-44-0060	Front Handle	(1)
★ 35	31-44-0074	Left Handle Half	(1)
36	31-44-2156	Handle Lever	(1)
37	31-50-0050	Motor Housing Assembly	(1)
38	31-52-0015	Depth Lever	(1)
39	31-52-0025	Guard Lever	(1)
40	32-75-3205	Gear	(1)
41	34-40-1375	O-Ring	(1)
42	34-40-1380	O-Ring	(1)
43	34-60-0320	External Retaining Ring	(1)
44	34-60-2330	Klip Ring	(1)
45	38-50-0060	Spindle	(1)
46	40-50-0045	Guard Spring	(1)
47	40-50-0055	Compression Spring	(1)
48	40-50-8040	Spring	(1)
49	42-16-0160	Handle Band	(1)
50	42-38-0222	Rubber Bumper	(1)
51	42-42-0275	Spindle Lock Button	(1)
52	43-34-0790	Inner Flange	(1)
53	43-34-0795	Outer Flange	(1)
★ 54	43-78-0155	Hub (With Bearing)	(1)
55	44-10-0130	Bevel Adjustment Lever	(1)
56	44-20-0510	Spindle Lock Pin	(1)
57	44-40-0780	Adjustment Nut	(1)
58	44-52-0681	Grip	(1)
59	44-60-0075	Thru Pin	(1)
60	44-60-0085	Tapped Pin	(1)
61	44-60-1180	Pivot Pin	(1)
62	44-66-0065	Retaining Plate	(1)
64	44-66-0200	Lock Plate	(1)
65	44-72-0050	Pointer	(1)
66	45-04-0485	Bumper Screw	(1)
68	45-08-0415	Depth Shaft	(1)
69	45-16-0160	Shoe Assembly	(1)

FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
70	45-88-0577	Wave Spring Washer	(2)
★ 71	45-88-1545	Washer	(1)
72	45-88-8460	5/16" Washer	(1)
★ 74	49-96-0345	Blade Wrench (Not Shown)	(1)
★ 75	22-84-0085	Fan	(1)

- FIG. NOTE**
- 1 Orient the ball bearing so that the seal faces the commutator.
- 3,29 Orient the needle bearing such that the text is facing the gear. Press the bearing .015" subflush to the gear cavity wall.
- 11 Tighten the handle lever screw such that it requires 3-7 lbs. force to close the handle lever to the locked position.
- ★ 29 Apply .320 - .360 oz. "Y" Grease, No. 49-08-5270, to gear bore of upper guard gearcase. The grease should be directed toward the pinion end of the armature.

**Note!** Previous 63XX series Saws have used **TYPE "O"** (pink) or **TYPE "R"** (purple) **GREASE**. **TYPE "Y" GREASE** can be substituted for both **TYPE "O" GREASE & TYPE "R" GREASE** though, it requires complete removal of **ALL TYPE "O" & TYPE "R" GREASE** from the gearing and the gearcase.

- 29,31 Orient the baffle with the crush ribs aligned with the screw holes in the motor housing and the locator tabs aligned and seated as shown.
- 
- 30 Functionally check the lower guard with the saw set at full depth of cut and zero degree bevel. Place the saw upside down with the shoe horizontal. Retract the lower guard 100%. Release the lower guard lever. The guard should return in a brisk manner.
- 38 When tight, the depth adjustment lever should be parallel (±20°) with the shoe.
- 43 Orient the external retaining ring such that the beveled face is towards the guard.
- 55 When tight, the bevel adjustment lever should be bottomed out on the shoe. (Up to .100" off the shoe is acceptable).
- 28,65 Position the pointer such that the arrow indicates between the zero and one degree mark on the bevel plate scale. Loosen front handle screws to adjust pointer.
- 71 Orient the washer such that the rounded edge is towards the depth rail.
- 72 Orient the washer such that the rounded edge is towards the bevel plate.

MILWAUKEE ELECTRIC TOOL CORPORATION  
13135 W. LISBON RD., BROOKFIELD, WI 53005  
Drwg. 3

