



# SERVICE PARTS LIST

**BULLETIN NO.**  
**55-40-0830**

SPECIFY CATALOG NO. AND SERIAL NO. WHEN ORDERING PARTS		REVISED BULLETIN	DATE
<b>CORDLESS CIRCULAR SAW</b>			Aug. 2006
CATALOG NUMBER	<b>0830-50 (V 18 CS)</b>	STARTING SERIAL NO.	<b>B08A</b>
EXAMPLE: 00 $\frac{0}{0}$ Component Parts (Small #) Are Included When Ordering The Assembly (Large #).		PRODUCT NUMBER	<b>4000 4014 24</b>
		WIRING INSTRUCTION <b>58-01-1365</b>	

Functionally check switch lock-out #40 by attempting to turn on tool by applying a reasonable amount of force, up to 8 lbs., to the switch trigger #21. The tool must not turn on. Release trigger. Actuate the lock-out lever and apply a reasonable amount of force to the switch trigger. The tool must turn on. While the trigger is still in the "ON" position, release the lock-out. Release the trigger. The tool must stop and the lock-out lever must again prevent the actuation of the switch. Repeat the switch check two more times.

**NOTE:** Switch #21 comes with four screws. Three of the four screws are utilized to secure lead wires. **ALL FOUR SCREWS** must be in place to insure proper brake function! See wiring dia. 58-01-1365.

Apply 3.0 grams of "Y" grease, No. 49-08-5270 to gear bore of gearcase #24. The grease should be directed toward the pinion end of the armature.

Apply a light film of lubricant to the bearing bore of the gearcase before assembling the armature/bearing.

Functionally check the lower guard #26, with the saw set at full depth of cut and 0° level. Place the saw upside down with the shoe horizontal. Fully retract the guard and then release it. The guard must return briskly.

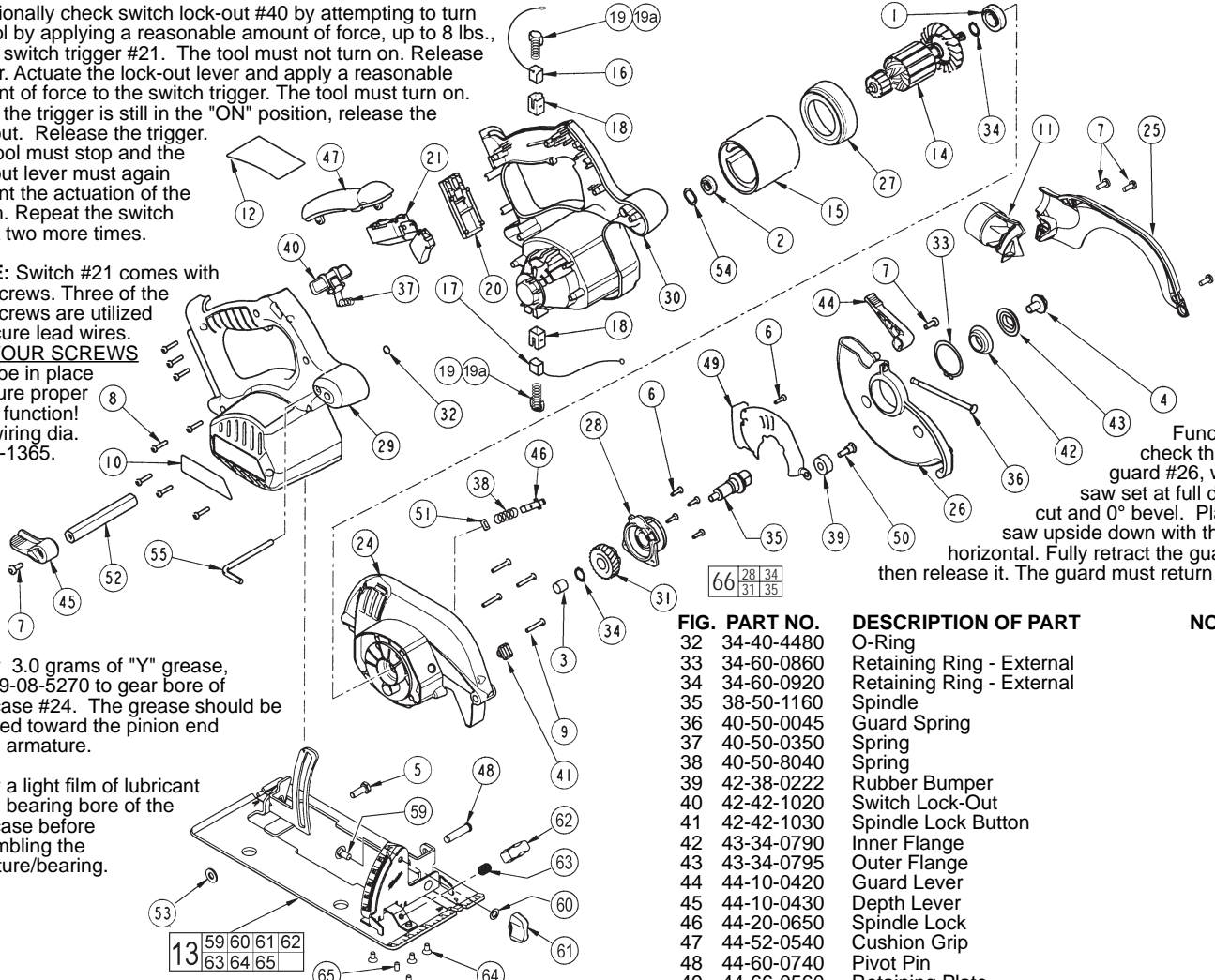


FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
1	02-04-1212	Ball Bearing	(1)
2	02-04-5130	Ball Bearing	(1)
3	02-50-1640	Needle Bearing	(1)
4	06-75-1010	Left Hand Screw	(1)
5	06-75-5860	1/4-20 x 3/4 Screw	(1)
6	06-82-5285	6-32 x .5 Pan Hd. Taptite Screw T-15	(5)
7	06-82-5314	10-24 x .5 Pan Hd. Taptite Screw T-25	(5)
8	06-82-7470	Plastite Torx Screw T-15	(8)
9	06-82-7475	Plastite Torx Screw T-15	(4)
10	10-20-6310	Logo Label	(1)
11	31-76-0100	Dust Chute	(1)
12	12-20-1390	Service Nameplate	(1)
13	14-74-0315	Shoe Assembly	(1)
14	16-01-2111	Armature	(1)
15	18-01-2000	Field	(1)
16	22-18-1120	Brush Assembly - Red	(1)
17	22-18-1125	Brush Assembly - Black	(1)
18	22-20-0425	Brush Tube	(2)
19	22-32-0420	Brush Spring Clip	(2)
19a	40-50-8745	Brush Spring	(2)
20	22-56-0230	Connector Block	(1)
21	23-66-1000	Switch	(1)
24	28-14-0746	Gearcase	(1)
25	28-20-1360	Upper Guard Cover	(1)
26	28-41-0955	Lower Guard	(1)
27	31-05-0350	Baffle	(1)
28	31-15-0601	Gearcase Cover	(1)
29	31-44-1970	Right Handle Valve	(1)
30	31-44-1975	Left Handle Valve	(1)
31	32-75-1370	Spindle Gear	(1)

FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
32	34-40-4480	O-Ring	(1)
33	34-60-0860	Retaining Ring - External	(1)
34	34-60-0920	Retaining Ring - External	(2)
35	38-50-1160	Spindle	(1)
36	40-50-0045	Guard Spring	(1)
37	40-50-0350	Spring	(1)
38	40-50-8040	Spring	(1)
39	42-38-0222	Rubber Bumper	(1)
40	42-42-1020	Switch Lock-Out	(1)
41	42-42-1030	Spindle Lock Button	(1)
42	43-34-0790	Inner Flange	(1)
43	43-34-0795	Outer Flange	(1)
44	44-10-0420	Guard Lever	(1)
45	44-10-0430	Depth Lever	(1)
46	44-20-0650	Spindle Lock	(1)
47	44-52-0540	Cushion Grip	(1)
48	44-60-0740	Pivot Pin	(1)
49	44-66-0560	Retaining Plate	(1)
50	45-04-0485	Bumper Screw	(1)
51	45-06-0720	Felt Seal	(1)
52	45-08-0395	Depth Shaft	(1)
53	45-88-1515	Washer	(1)
54	45-88-5615	Wave Spring Washer	(1)
55	49-96-0080	3/16 Hex Key	(1)
59	06-10-0660	1/4-20 x 1/2 Short Neck Carriage Bolt	(1)
60	45-88-1560	Washer	(1)
61	43-98-0730	Bevel Adjustment Knob	(1)
62	43-98-0720	Rip Fence Knob	(1)
63	40-50-0650	Spring	(1)
64	06-82-9605	10-32 x 3/8 CSK Machine Screw T-25	(4)
65	06-83-1600	10-32 x 3/8 Set Screw	(1)
66	14-46-2570	Gear Service Assembly	(1)
	43-30-0100	Rip Fence (Not Shown)	(1)
	48-55-1490	Carrying Case (Not Shown)	(1)
	23-94-4260	Red Leadwire Assembly (Not Shown)	(1)
	23-94-4270	Black Leadwire Assembly (Not Shown)	(1)

**FIG. NOTE:**  
1 Orient the ball bearing so that the seal faces the fan and the open side faces the gearcase.  
3 Press needle bearing flush to .015 sub-flush in gearcase.  
33 Position retaining ring with rounded edge facing lower guard.  
46 Functionally check spindle lock. Spindle lock must return briskly when released from engagement in gear.

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