



SERVICE PARTS LIST

**BULLETIN NO.
54-40-6300**

SPECIFY CATALOG NO. AND SERIAL NO. WHEN ORDERING PARTS		REVISED BULLETIN	DATE
CORDLESS CIRCULAR SAW			Dec. 2005
CATALOG NO. 6310-20	STARTING SERIAL NO. 057A	WIRING INSTRUCTION 58-01-1365	

EXAMPLE:
00 0 Component Parts (Small #) Are Included
When Ordering The Assembly (Large #).

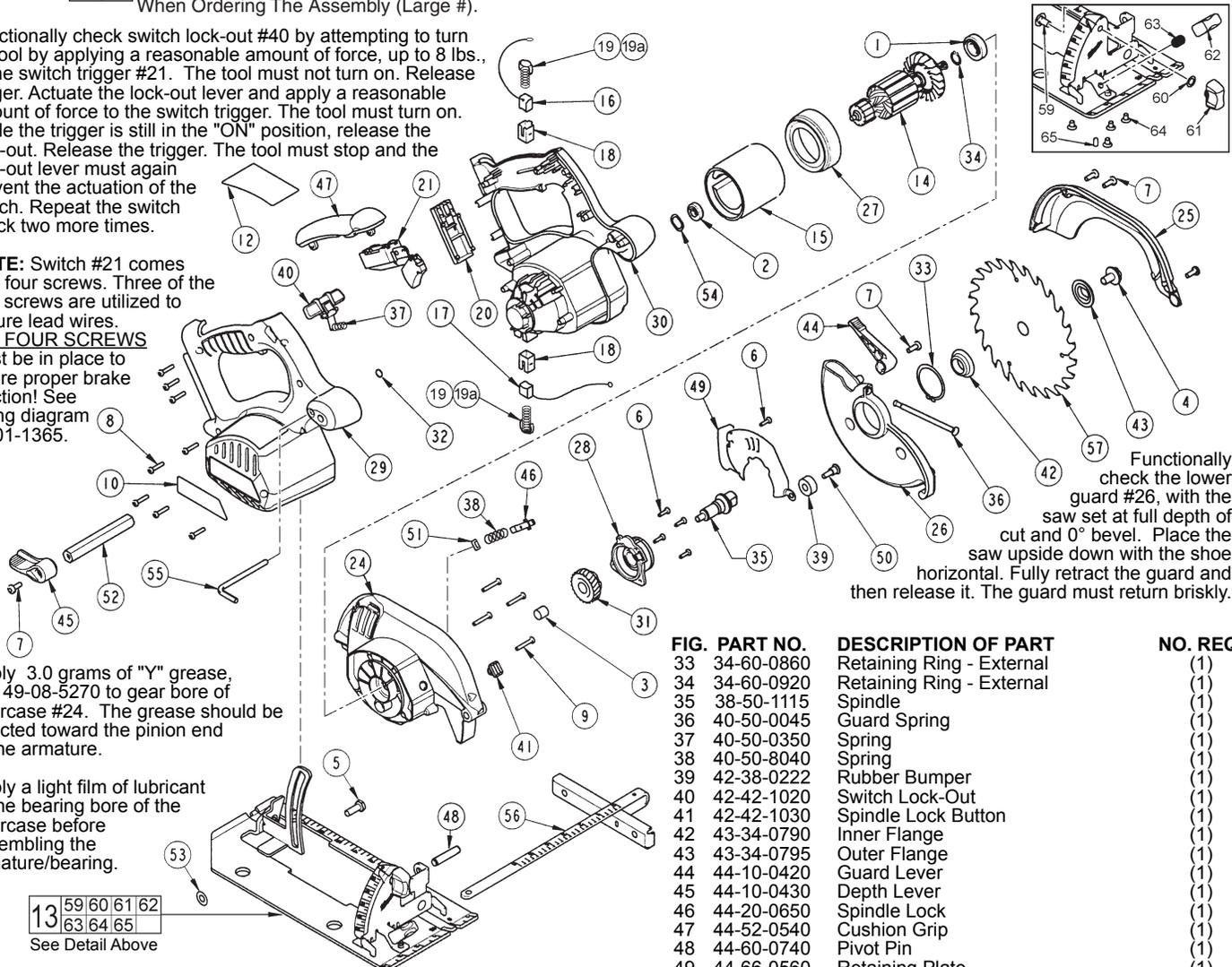
Functionally check switch lock-out #40 by attempting to turn on tool by applying a reasonable amount of force, up to 8 lbs., to the switch trigger #21. The tool must not turn on. Release trigger. Actuate the lock-out lever and apply a reasonable amount of force to the switch trigger. The tool must turn 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 diagram 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.

13 59 60 61 62
63 64 65
See Detail Above



Functionally check the lower guard #26, with the saw set at full depth of cut and 0° bevel. 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)
12	12-20-1350 Service Nameplate	(1)
13	14-74-0310 Shoe Assembly	(1)
14	16-01-2000 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	28-14-0745 Gearcase	(1)
25	28-20-1160 Upper Guard Cover	(1)
26	28-41-0955 Lower Guard	(1)
27	31-05-0350 Baffle	(1)
28	31-15-0600 Gearcase Cover	(1)
29	31-44-1970 Right Handle Halve	(1)
30	31-44-1975 Left Handle Halve	(1)
31	32-75-1295 Spindle Gear	(1)
32	34-40-4480 O-Ring	(1)

FIG. PART NO.	DESCRIPTION OF PART	NO. REQ.
33	34-60-0860 Retaining Ring - External	(1)
34	34-60-0920 Retaining Ring - External	(1)
35	38-50-1115 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)
56	49-22-1001 Rip Fence	(1)
57	6-1/2 Circular Saw Blade	(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)
	23-94-4260 Red Leadwire Assembly	(1)
	23-94-4270 Black Leadwire Assembly	(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.