



SERVICE PARTS LIST

BULLETIN NO.
54-40-6327

SPECIFY CATALOG NO. AND SERIAL NO. WHEN ORDERING PARTS		REVISED BULLETIN 54-40-6326	DATE Mar. 2009
CORDLESS METAL CUTTING CIRCULAR SAW			
CATALOG NO.	6320-20	STARTING SERIAL NO.	383C
		WIRING INSTRUCTION 58-01-1365	

Functionally check switch lock-out #44 by attempting to turn on tool by applying a reasonable amount of force, up to 8 lbs., to the switch trigger #23. 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.

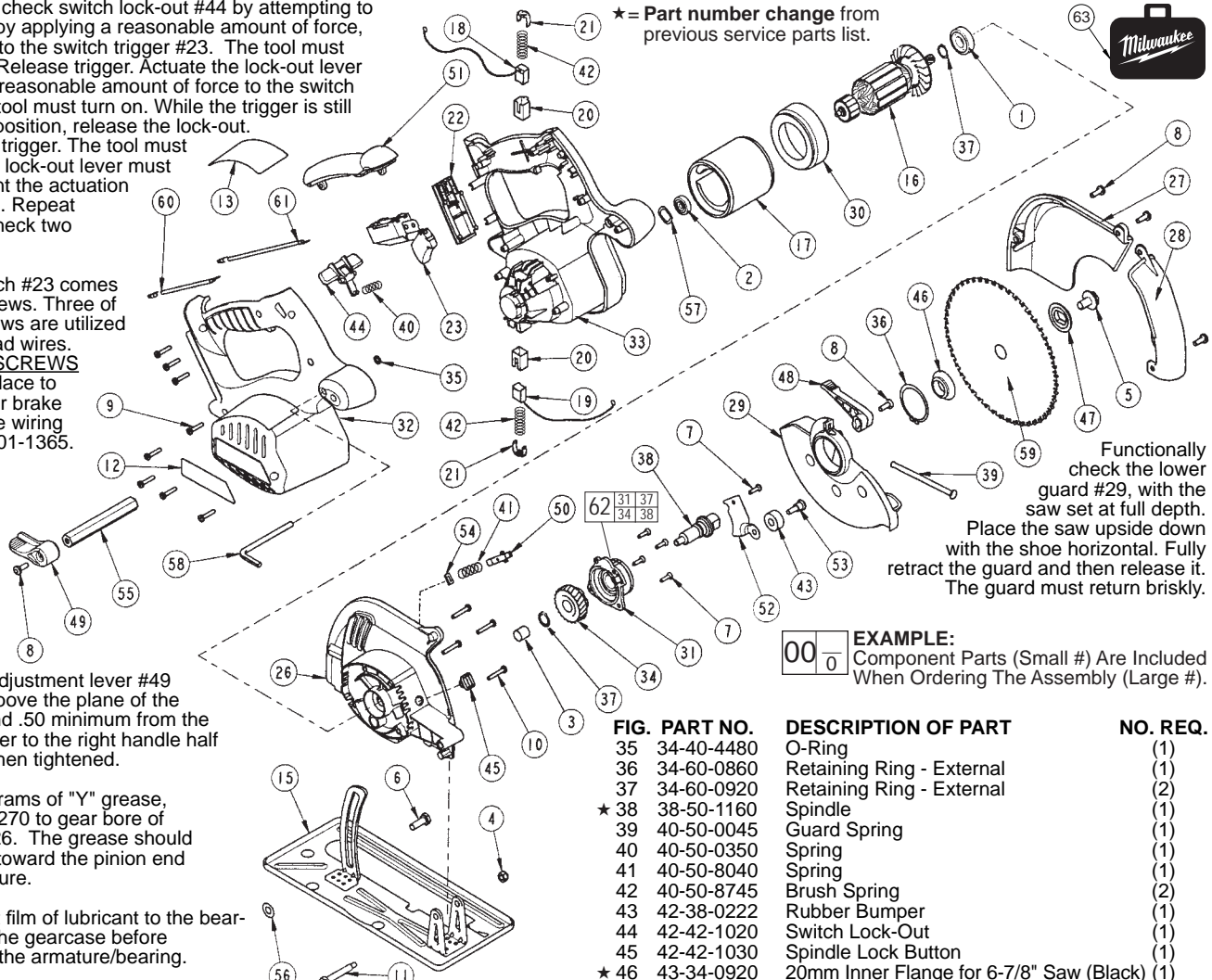
NOTE: Switch #23 comes with four screws. Three of the four screws are utilized to secure lead wires. ALL FOUR SCREWS must be in place to insure proper brake function! See wiring diagram 58-01-1365.

The depth adjustment lever #49 should be above the plane of the shoe #15 and .50 minimum from the tip of the lever to the right handle half vent area when tightened.

Apply 3.0 grams of "Y" grease, No. 49-08-5270 to gear bore of gearcase #26. 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.

* = Part number change from previous service parts list.



Functionally check the lower guard #29, with the saw set at full depth. Place the saw upside down with the shoe horizontal. Fully retract the guard and then release it. The guard must return briskly.

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

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	06-57-1100 Lock Nut	(1)
	5	06-75-1010 Left Hand Screw	(1)
	6	06-75-5860 1/4-20 x 3/4 Screw	(1)
	7	06-82-5285 6-32 x .5 Pan Hd. Taptite Screw T-15	(5)
	8	06-82-5314 10-24 x .5 Pan Hd. Taptite Screw T-25	(5)
	9	06-82-7470 Plastite Torx Screw T-15	(8)
	10	06-82-7475 Plastite Torx Screw T-15	(4)
	11	06-82-9685 .250 x 1.375 Hex Hd. Shoulder Bolt	(1)
	12	10-20-1850 Logo Label	(1)
	13	12-20-1360 Service Nameplate	(1)
*	15	14-74-0400 Shoe Assembly for 6-7/8" Saw	(1)
	16	16-01-2111 Armature	(1)
	17	18-01-2000 Field	(1)
	18	22-18-1120 Brush Assembly - Red	(1)
	19	22-18-1125 Brush Assembly - Black	(1)
	20	22-20-0425 Brush Tube	(2)
	21	22-32-0420 Brush Spring Clip	(2)
	22	22-56-0230 Connector Block	(1)
	23	23-66-1000 Switch	(1)
	26	28-14-0795 Gearcase	(1)
*	27	28-20-1174 Upper Guard Cover for 6-7/8"	(1)
	28	28-41-0945 Upper Guard Window	(1)
*	29	28-41-1090 Lower Guard for 6-7/8"	(1)
	30	31-05-0350 Baffle	(1)
	31	31-15-0601 Gearcase Cover	(1)
	32	31-44-1970 Right Handle Valve	(1)
	33	31-44-1975 Left Handle Valve	(1)
	34	32-75-1371 Spindle Gear	(1)

FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
	35	34-40-4480 O-Ring	(1)
	36	34-60-0860 Retaining Ring - External	(1)
	37	34-60-0920 Retaining Ring - External	(2)
*	38	38-50-1160 Spindle	(1)
	39	40-50-0045 Guard Spring	(1)
	40	40-50-0350 Spring	(1)
	41	40-50-8040 Spring	(1)
	42	40-50-8745 Brush Spring	(2)
	43	42-38-0222 Rubber Bumper	(1)
	44	42-42-1020 Switch Lock-Out	(1)
	45	42-42-1030 Spindle Lock Button	(1)
*	46	43-34-0920 20mm Inner Flange for 6-7/8" Saw (Black)	(1)
	47	43-34-0795 Outer Flange	(1)
	48	44-10-0420 Guard Lever	(1)
	49	44-10-0430 Depth Lever	(1)
	50	44-20-0650 Spindle Lock	(1)
	51	44-52-0540 Cushion Grip	(1)
	52	44-66-0840 Spindle Lock Plate	(1)
	53	45-04-0485 Bumper Screw	(1)
	54	45-06-0720 Felt Seal	(1)
	55	45-08-0395 Depth Shaft	(1)
	56	45-88-1515 Washer	(1)
	57	45-88-5615 Wave Spring Washer	(1)
	58	49-96-0080 3/16 Hex Key	(1)
	59	----- 6-1/2" or 6-7/8" Metal Cutting Saw Blade	(1)
	60	23-94-4260 Red Leadwire Assembly	(1)
	61	23-94-4270 Black Leadwire Assembly	(1)
*	62	14-46-2570 Gear Service Assembly	(1)
*	63	48-55-1490 Accessory Carrying Case	(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.
 - 36 Position retaining ring with rounded edge facing lower guard.
 - 50 Functionally check spindle lock. Spindle lock must return briskly when released from engagement in gear.