SERVICE PARTS LIST

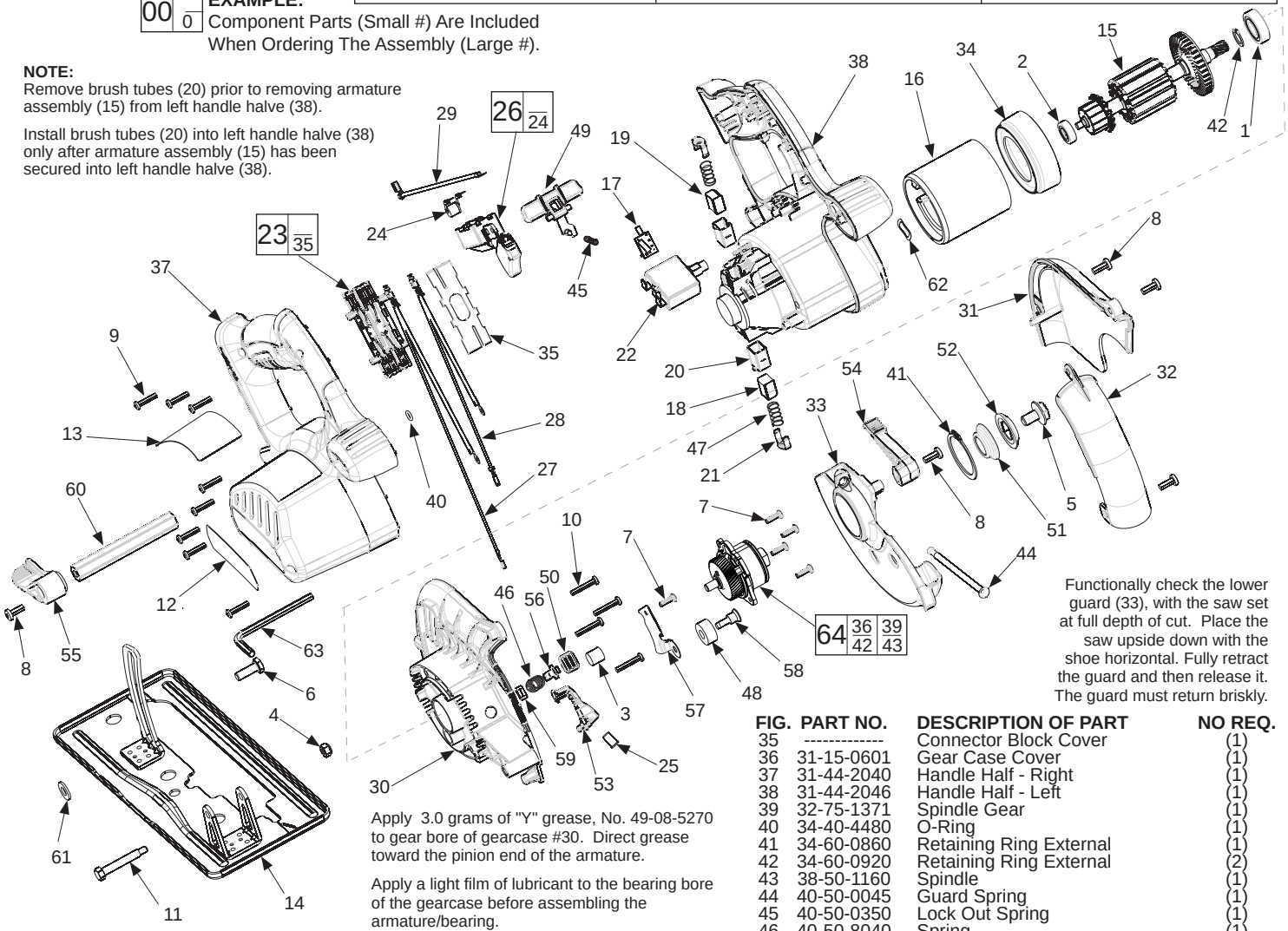
BULLETIN NO. 55-40-7050

SPECIFY CATALOG NO. AND SERIAL NO. WHEN ORDERING PARTS	REVISED BULLETIN	DATE
CORDLESS METAL CUTTING SAW		Aug 2006
CATALOG NO. 0740-50 STARTING SERIAL NO. **A94A**	WIRING INSTRUCTION	**SEE REVERSE SIDE**

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

NOTE:
Remove brush tubes (20) prior to removing armature assembly (15) from left handle halve (38).

Install brush tubes (20) into left handle halve (38) only after armature assembly (15) has been secured into left handle halve (38).



Apply 3.0 grams of "Y" grease, No. 49-08-5270 to gear bore of gearcase #30. Direct grease 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.

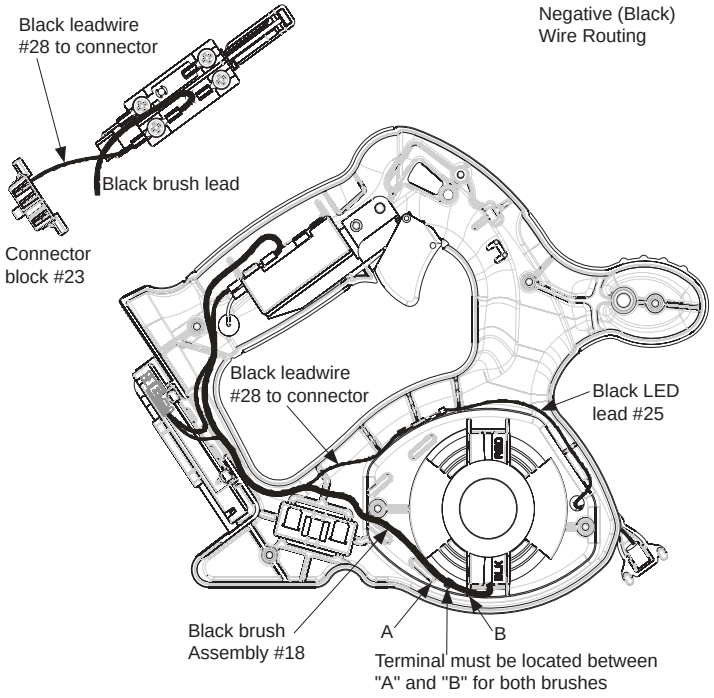
Functionally check the lower guard (33), with the saw set at full depth of cut. Place the saw upside down with the shoe horizontal. Fully retract the guard and then release it. The guard must return briskly.

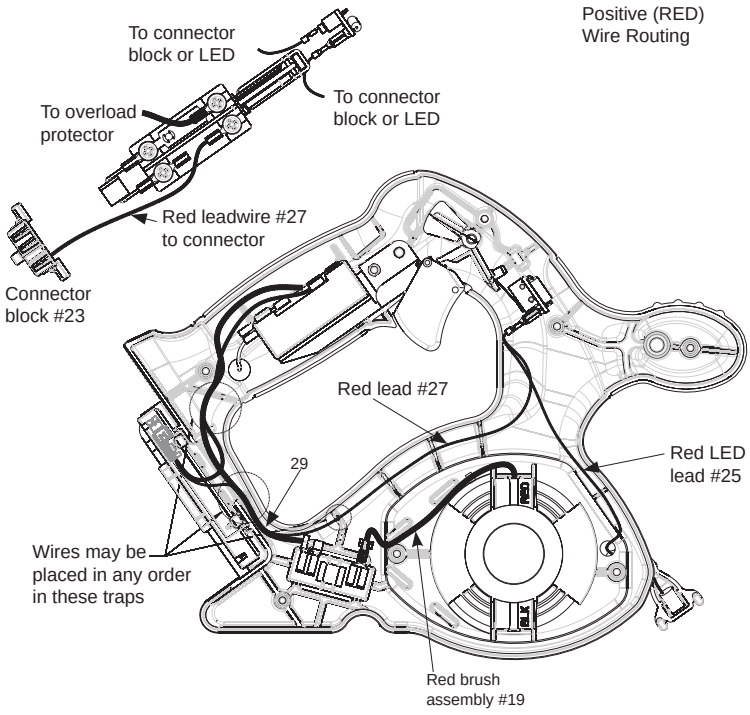
FIG.	PART NO.	DESCRIPTION OF PART	NO REQ.
1	02-04-1212	Ball Bearing	(1)
2	02-04-5130	Ball Bearing	(1)
3	02-50-1640	Needle Bearing	(1)
4	06-57-1100	Lock Nut	(1)
5	06-75-1010	Left Hand Screw	(1)
6	06-75-5860	1/4-20 x 3/4 Screw	(1)
7	06-82-5285	6-32 X 1/2 TT TORX Pan	(5)
8	06-82-5314	10-24X1/2 Pan Tap TX SC	(5)
9	06-82-7470	Screw 6 X 11/16 Plastite	(8)
10	06-82-7475	Screw 6 X 7/8 Plastite	(4)
11	06-82-9685	Shoulder Bolt	(1)
12	10-20-2880	Logo Label	(1)
13	12-20-0980	Service Nameplate	(1)
14	14-74-0400	Shoe	(1)
15	16-01-0300	Armature	(1)
16	18-01-2000	Field	(1)
17	22-09-1075	Circuit Board	(1)
18	22-18-1245	Brush Assembly - Black	(1)
19	22-18-1250	Brush Assembly - Red	(1)
20	22-20-0425	Brush Tube	(2)
21	22-32-0420	Brush Spring Clip	(2)
22	22-36-0230	30 Amp Overload Protect	(1)
23	22-56-0975	Connector Block Assembly	(1)
24	22-74-0510	Diode	(1)
25	23-28-0175	LED	(1)
26	23-66-1005	Service Switch	(1)
27	23-94-2680	Lead Wire Assembly - Red	(1)
28	23-94-2690	Lead Wire Assembly - Black	(1)
29	23-94-2700	Lead Wire Breaker & Switch	(1)
30	28-14-0795	Gearcase	(1)
31	28-20-1174	Upper Guard Cover	(1)
32	28-41-0945	Upper Guard Window	(1)
33	28-41-1090	Lower Guard	(1)
34	31-05-0350	Baffle	(1)
35	----------	Connector Block Cover	(1)
36	31-15-0601	Gear Case Cover	(1)
37	31-44-2040	Handle Half - Right	(1)
38	31-44-2046	Handle Half - Left	(1)
39	32-75-1371	Spindle Gear	(1)
40	34-40-4480	O-Ring	(1)
41	34-60-0860	Retaining Ring External	(1)
42	34-60-0920	Retaining Ring External	(2)
43	38-50-1160	Spindle	(1)
44	40-50-0045	Guard Spring	(1)
45	40-50-0350	Lock Out Spring	(1)
46	40-50-8040	Spring	(1)
47	40-50-8745	Brush Spring	(2)
48	42-38-0222	Bumper	(1)
49	42-42-1025	Switch Lock Out	(1)
50	42-42-1030	Spindle Lock Button	(1)
51	43-34-0795	Outer Blade Flange	(1)
52	43-34-0920	Inner Blade Flange	(1)
53	43-72-0600	LED Holder	(1)
54	44-10-0420	Guard Lever	(1)
55	44-10-0430	Depth Lever	(1)
56	44-20-0650	Spindle Lock	(1)
57	44-66-0845	Spindle Lock Plate	(1)
58	45-04-0485	Bumper Screw	(1)
59	45-06-0720	Felt Seal	(1)
60	45-08-0395	Depth Shaft	(1)
61	45-88-1515	Washer Flat 1/4	(1)
62	45-88-5615	Wave Spring Washer	(1)
63	49-96-0080	3/16" Hex Key	(1)
64	14-46-2570	Spindle and Gear Assembly	(1)

FIG.	NOTE:
25, 30, 37	Disconnect red and black LED leads prior to removing gearcase from right handle half.
16, 38	Place field in left handle half with chamfered end in first. Line up slot in groove.
15, 37, 62	Install wave spring washer into left handle half bearing bore prior to installing armature assembly.
23, 35	Assemble (snap fit) connector block cover with concave side facing connector block.
20, 38	Slot in both brush tubes must face gear case.

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

Drwg. 2

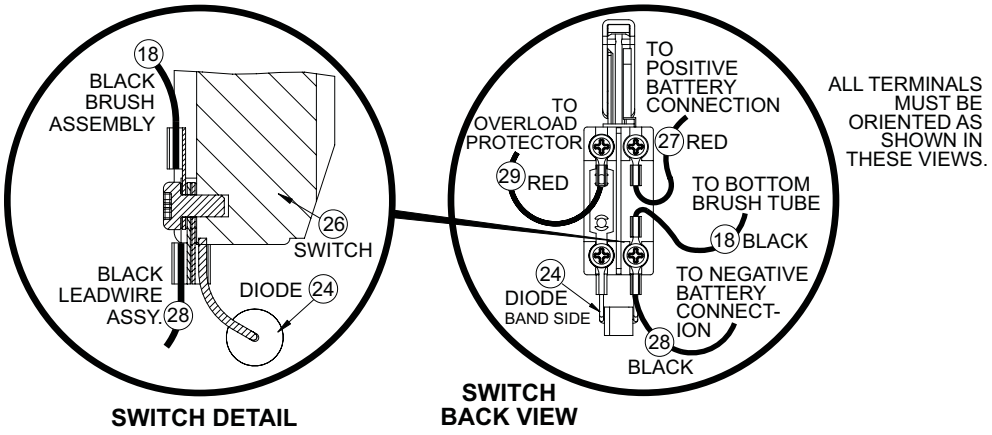




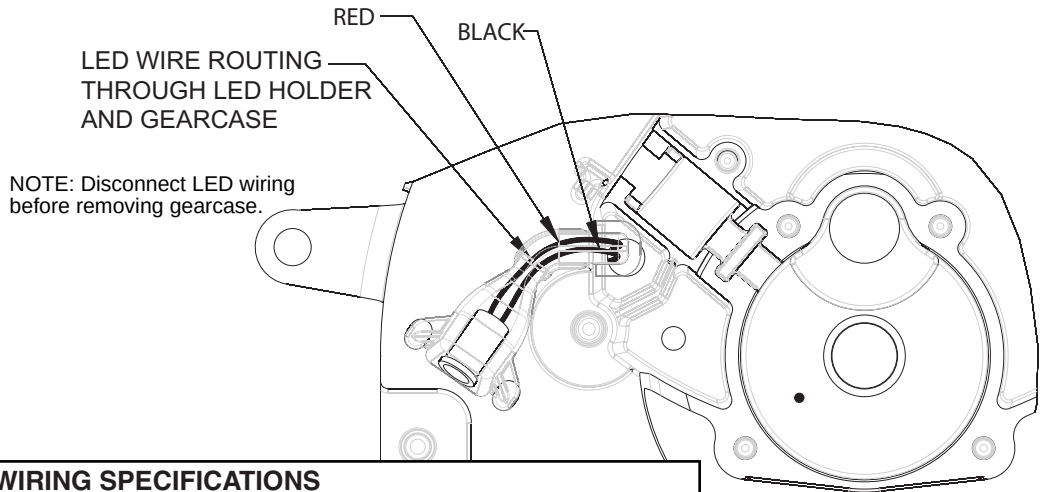
⚠ WARNING

SWITCH AND DIODE ARE POLARITY SENSITIVE

If wired incorrectly, switch and diode **will be** damaged and destroyed!



Functionally check switch lock-out #49 by attempting to turn on tool by applying a reasonable amount of force, up to 8 lbs., to the switch trigger #26. 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 and LED must turn on. While the trigger is still in the "ON" position, release the lock-out. Release the trigger. The tool and LED must stop and the lock-out lever must again prevent the actuation of the switch. Repeat the switch check two more times.



WIRING SPECIFICATIONS

Wire No.	Wire Color	Origin or Gauge	Length	Terminals, Connectors and 1 or 2 End Wire Preparation
19	Red	22-18-1250	-----	Carbon brush assembly.
18	Black	22-18-1245	-----	Carbon brush assembly.
27	Red	23-94-2680	-----	Leadwire assembly.
28	Black	23-94-2690	-----	Leadwire assembly.
		22-74-0510	-----	Diode assembly.

BULK LEAD WIRE - BULLETIN NO. 58-01-0003