



SERVICE PARTS LIST

BULLETIN NO.
54-38-2681

SPECIFY CATALOG NO. AND SERIAL NO. WHEN ORDERING PARTS		REVISED BULLETIN 54-38-2680	DATE Aug. 2014
CORDLESS 18 VOLT 4-1/2" CUT-OFF/GRINDER		WIRING INSTRUCTION SEE PAGE 3	
CATALOG NO. 2680-20	STARTING SERIAL NO. B96B		

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

★ = Part number change from previous service parts list.

FIG. LUBRICATION:
(Use Type "Y" grease, No. 49-08-5270)

- 10 Apply a thin coat of grease to the Spindle Hub O-Ring.
- 13,38 Apply grease to all teeth of the Pinion and Gear.
- 27 Place 1/8 oz. grease in Gearcase cavity.
- 32,33 Apply a thin coat of grease between Spindle Lock Shaft and O-Ring.

Functionally check the Spindle Lock mechanism. Spindle Lock must return briskly when released from engagement in Gear (13).

FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
1	05-88-1210	M4 x 14 T-20 Screw	(4)
2	05-88-1200	M4 x 16 T-20 Screw	(9)
3	06-82-7236	4-20 x 5/8" Pan Hd. Plast. T-10 Screw	(1)
4	05-90-0225	Split Washer	(4)
5	14-34-0900	Handle Kit	(1)
6	-----	Right Handle Halve	(1)
7	-----	Left Handle Halve	(1)
8	-----	Spindle Shaft	(1)
9	-----	Spindle Hub	(1)
10	34-40-0560	O-Ring	(1)
11	-----	Ball Bearing	(1)
12	34-80-2275	Internal Snap Ring	(1)
13	-----	Gear	(1)
14	40-50-1090	Spring	(1)
15	22-09-1350	Electronics Module Assembly	(1)
17	32-05-0120	Spindle Shaft/Gear Assembly	(1)
18	23-66-2875	Switch Assembly	(1)
19	-----	Brush Card	(1)
20	31-92-0530	Paddle Trigger Assembly	(1)
21	-----	Paddle Trigger	(1)
22	42-42-0620	Lock-Off Lever	(1)
23	40-50-1480	Spring	(1)
24	06-65-0450	Roll Pin	(1)
25	14-30-0850	Gearcase Kit	(1)
26	28-14-2450	Gearcase Assembly	(1)
27	-----	Gearcase	(1)
28	-----	Needle Bearing	(1)
29	42-42-1100	Spindle Lock Button	(1)
30	40-50-1330	Spring	(1)
31	42-42-0580	Spindle Lock Tube	(1)
32	44-60-1690	Spindle Lock Pin	(1)
33	34-40-0450	O-Ring	(1)
★ 34	16-01-0060	Armature Assembly	(1)
36	-----	Bearing Retainer	(1)
37	-----	Ball Bearing	(1)
38	-----	Pinion	(1)
39	45-36-2040	Armature Spacer	(3)
40	02-04-1875	Ball Bearing	(1)
41	18-01-3025	Service Field	(1)
42	43-34-0036	Disk Flange	(1)
43	44-40-0035	Flange Nut	(1)
44	12-20-2490	Service Nameplate Kit	(1)
60	43-54-1070	4.5" T27 Guard Assembly	(1)
61	43-54-1090	4.5" T1 Guard Assembly	(1)
72	05-88-0928	M3 x 5mm Pan Hd. T10 Screw	(2)
73	45-88-1980	Spring Washer	(2)
74	-----	Leadwire Assembly - Red	(1)
75	-----	Leadwire Assembly - Black	(1)
76	14-46-2396	Leadwire/Screw/Washer Kit	(1)
77	14-46-2014	Brush Card Assembly	(1)
42-62-0105	-----	Side Handle (Not Shown)	(1)
49-96-7215	-----	Spanner Wrench (Not Shown)	(1)

FIG. NOTES:
28 Assemble Needle Bearing with vendor I.D. facing the Gear.
37 Assemble Ball Bearing with seal towards Pinion and shield towards Armature.

#77 two styles of Brush Card Assemblies See Page Two

Soldered
Screwed