



SERVICE PARTS LIST

BULLETIN NO.
54-40-2620

SPECIFY CATALOG NO. AND SERIAL NO. WHEN ORDERING PARTS		REVISED BULLETIN	DATE
18 Volt Sawzall®			Dec. 2008
CATALOG NO.	2620-20	STARTING SERIAL NO.	B58A
		WIRING INSTRUCTION SEE REVERSE SIDE	

EXAMPLE:

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

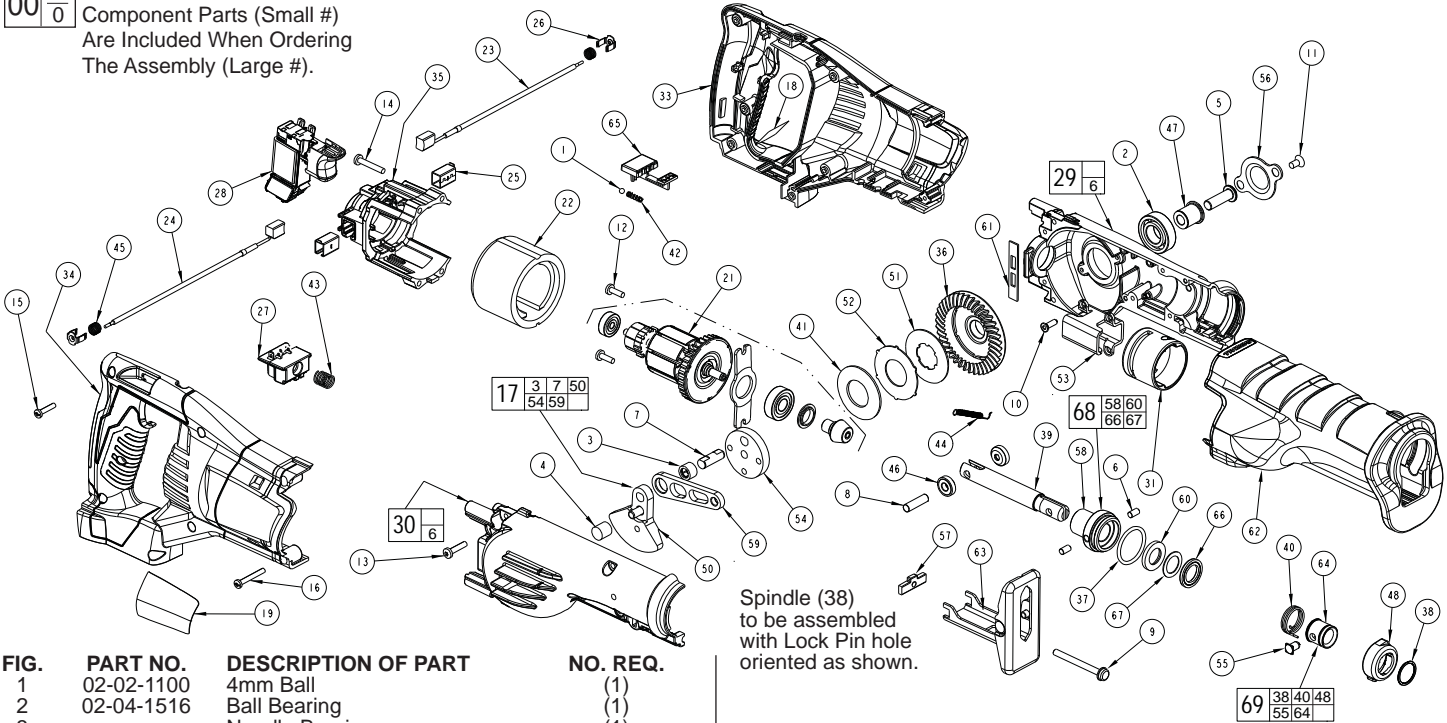


FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
1	02-02-1100	4mm Ball	(1)
2	02-04-1516	Ball Bearing	(1)
3	-----	Needle Bearing	(1)
4	02-50-1640	Needle Bearing	(1)
5	06-08-0015	Drive Hub Bolt	(1)
6	-----	Pivot Pin	(2)
7	-----	Pin	(1)
8	06-65-2995	Pin	(1)
9	06-81-0065	10-32 x 2" Bolt	(1)
10	06-82-3830	8-32 x 1/2" Csk Macine Screw	(3)
11	06-82-3900	3/8" DG50 Thread Form Screw	(2)
12	06-82-5316	8-32 x 1/2" Pan Hd. Taptite T-20 Screw	(2)
13	06-82-5346	8-32 x 3/4" Pan Hd. Taptite T-20 Screw	(5)
14	06-82-5362	8-32 x 1" Pan Hd. Taptite T-20 Screw	(4)
15	06-82-7261	6-19 x 11/16" Pan Hd. Slit. Plast. T-15	(6)
16	06-82-7290	6-19 x 1-1/8" Pan Hd. Slit. Plast. T-15	(2)
17	14-09-0180	Crank Assembly	(1)
18	10-15-0955	Warning Label	(1)
19	12-20-2620	Service Nameplate Kit	(1)
21	16-01-0025	Armature Assembly	(1)
22	18-01-0070	Field Assembly	(1)
23	22-18-0110	Carbon Brush Assembly - Black	(1)
24	22-18-0135	Carbon Brush Assembly - Red	(1)
25	22-20-0860	Brush Tube	(2)
26	22-32-0400	Brush Spring Clip	(2)
27	22-56-0025	Terminal Block Assembly	(1)
28	23-66-0285	Switch	(1)
29	28-14-0035	Gearcase Assembly - Left	(1)
30	28-14-0060	Gearcase Assembly - Right	(1)
31	31-11-0105	Barrel Cam	(1)
33	31-44-2620	Handle - Left	(1)
34	31-44-2625	Handle - Right	(1)
35	31-50-0040	Motor Cage	(1)
36	14-29-0360	Gear Assembly	(1)
37	34-40-0035	O-Ring	(1)
38	34-60-3700	Retaining Ring	(1)
39	38-50-0260	Spindle	(1)
40	40-50-0660	Torsion Spring	(1)
41	40-50-0595	Disc Spring	(1)
42	40-50-0930	Compression Spring	(1)
43	40-50-1090	Compression Spring	(1)
44	40-50-8800	Extension Spring	(1)
45	40-50-8840	Brush Spring	(2)
46	42-40-0020	Spindle Pin Bushing	(2)
47	42-40-0075	Spacer	(1)
48	42-50-0025	Front Cam	(1)
50	-----	Counter Balance Assembly	(1)
51	43-06-0025	Metal Plate	(1)
52	43-06-0030	Metal Plate	(1)

FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
53	43-56-0035	Orbit Slot	(1)
54	-----	Drive Hub	(1)
55	44-60-1750	Lock Pin	(1)
56	44-66-0280	Bearing Retaining Plate	(1)
57	44-66-0285	Retaining Plate	(1)
58	-----	Front Bushing Carrier	(1)
59	-----	Connecting Rod	(1)
60	-----	Felt Seal	(1)
61	45-06-0790	Seal	(1)
62	45-12-0025	Gearcase Insulator	(1)
63	45-16-0025	Shoe Assembly	(1)
64	45-22-0175	Sleeve	(1)
65	45-24-0045	Shuttle Switch	(1)
66	-----	Bushing Cap	(1)
67	-----	Washer	(1)
68	38-50-6490	Front Bushing Carrier Assembly	(1)
69	42-68-1200	Blade Clamp Assembly	(1)
	42-55-2620	Carrying Case (Not Shown)	(1)

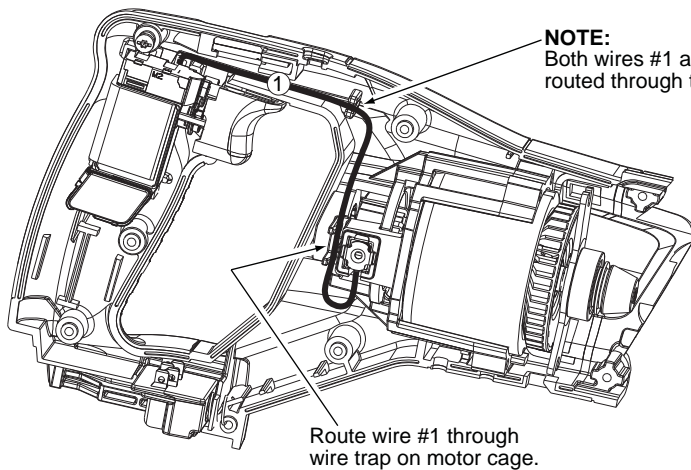
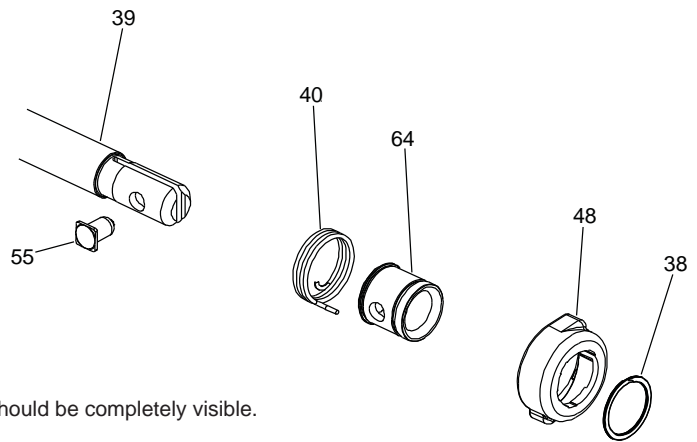
- FIG. LUBRICATION**
- 2,36 Apply Type 'L' Grease, No. 49-08-4230 to the inside of Ball Bearing (2) and the inside of bearing in Gear Assembly (36).
- 36,59 Distribute 1 oz. of Type 'L' Grease on top of Gear Assembly (36) and at the Gear/Connection Rod (59) interface.
- 41,51,52 Apply Type 'L' Grease to all rubbing surfaces in the clutch: Disc Spring (41) and Metal Plates (51,52).
- 29,30 Distribute 3/4 oz. of Type 'B' Grease, No. 49-08-2000 in the Left and Right Gearcase halves (29,30), by Front Bushing (58) around the Spindle (39).
- 29,30 Coat Front Bushing pocket area of Gearcase halves with Type 'B' Grease prior to assembly.
- 60 Prior to assembly, saturate the Felt Seal (60) with a lightweight oil.
- 55 Lock Pin (55) to be coated with graphite prior to assembly.

REMOVING THE STEEL QUIK-LOK® BLADE CLAMP

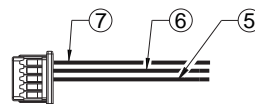
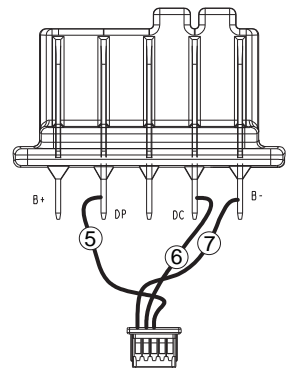
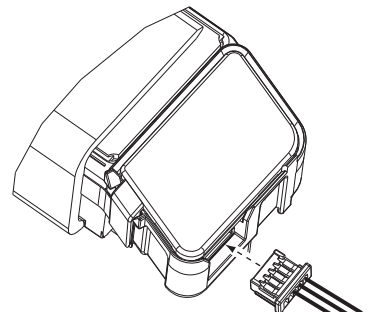
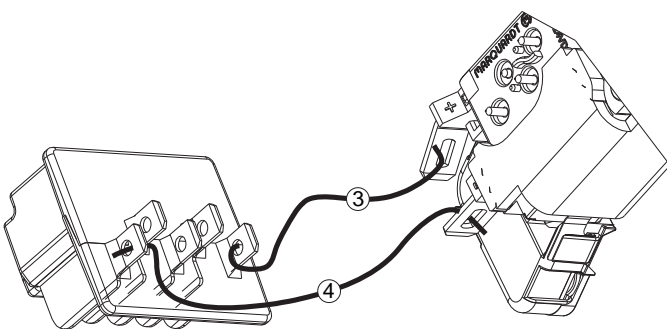
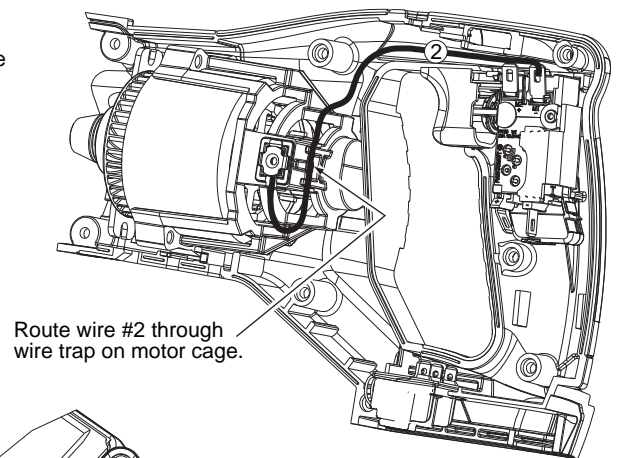
- Remove external retaining ring (38) and pull front cam (48) off.
- Pull lock pin (55) out and remove remainder of parts and discard.

REASSEMBLY OF THE STEEL QUIK-LOK® BLADE CLAMP

- Coat new lock pin with powdered graphite.
- Hold tool in a vertical position.
- Slide torsion spring (40) onto spindle with spring leg on hole side of spindle.
- Slide sleeve (64) onto spindle aligning hole on sleeve with hole in spindle.
- Insert lock pin.
- Slide front cam (48) onto sleeve until it bottoms. Retaining ring (38) groove should be completely visible.
- Attach retaining ring by separating coils and inserting end of ring into groove, then wind remainder of ring into groove. Ensure ring is seated in groove.
- Blade clamp should rotate freely. During normal usage, debris may not allow blade clamp to rotate freely. The use of spray lubricant can help free blade clamp. In extreme conditions, follow these instructions to remove, clean and reassemble blade clamp.



NOTE:
Both wires #1 and #2 are to be routed through this wire trap.



WIRING SPECIFICATIONS

Wire No.	Wire Color	Origin or Gauge	Length	Terminals, Connectors and 1 or 2 End Wire Preparation
1	Red	22-18-0135	-----	Carbon Brush Assembly - right side.
2	Black	22-18-0110	-----	Carbon Brush Assembly - left side.
3	Red	22-56-0025	-----	Component of the Terminal Block Assembly.
4	Black	22-56-0025	-----	Component of the Terminal Block Assembly.
5	White	22-56-0025	-----	Component of the Terminal Block Assembly.
6	Red	22-56-0025	-----	Component of the Terminal Block Assembly.
7	Black	22-56-0025	-----	Component of the Terminal Block Assembly.

AS AN AID TO REASSEMBLY, TAKE NOTICE OF WIRE ROUTING AND POSITION IN WIRE GUIDES AND TRAPS WHILE DISMANTLING TOOL.

BE CAREFUL AND AVOID PINCHING WIRES BETWEEN HANDLE HALVES WHEN ASSEMBLING.