# **SERVICE PARTS LIST**



SPECIFY CATALOG NO. AND SERIAL NO. WHEN ORDERING PARTS

18 Volt Sawzall®

CATALOG NO. 2620-20

STARTING SERIAL NO. B58B

REVISED BULLETIN 54-40-2620

WIRING INSTRUCTION SEE REVERSE SIDE

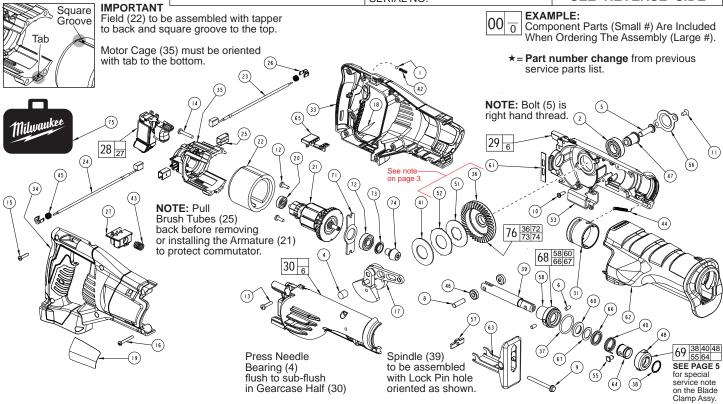
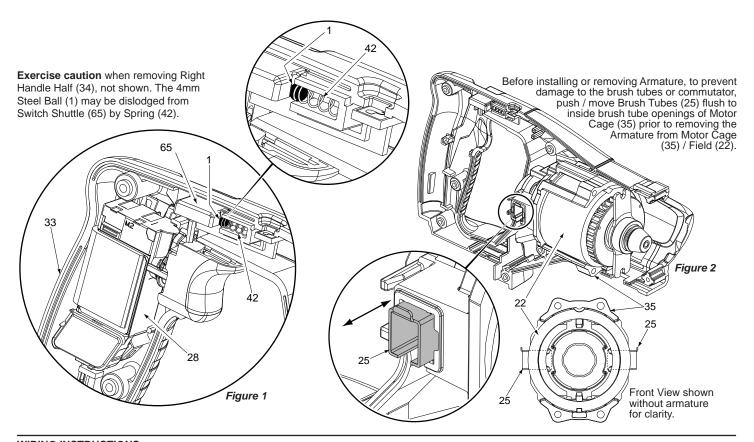
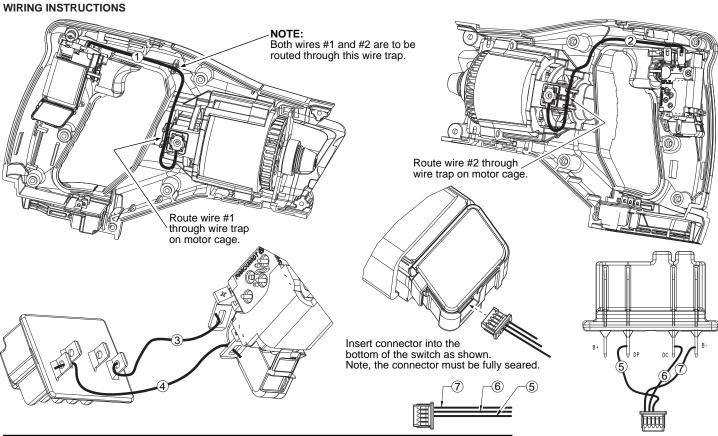


FIG.	PART NO.	DESCRIPTION OF PART NO	). REQ.
1	02-02-1100	4mm Ball	(1)
2	02-04-1516	Ball Bearing	(1)
4	02-50-1640	Needle Bearing	(1)
<b>★</b> 5	06-08-0018	3/16" Hex Drive Hub Bolt-RH Thread	(1)
6		Pivot Pin	(2)
8	06-65-2995	Pin	(1)
9	06-81-0065	10-32 x 2" Bolt	(1)
10	06-82-3830	8-32 x 1/2" Csk Macine 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. Slt. Plast. T-15	(6)
16	06-82-7290	6-19 x 1-1/8" Pan Hd. Slt. Plast. T-15	(2)
<b>★</b> 17	14-09-0185	Crank Assembly-Right Hand Thread	(1)
18	10-15-0955	Warning Label	(1)
19	12-20-2620	Service Nameplate Kit	(1)
20	02-04-5130	Ball Bearing	(1)
21	16-01-0025	Service Armature with Fan	(1)
22	18-01-0070	Service Field	(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	23-66-0284	Switch Assembly	(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)
<b>★</b> 36	32-05-0115	Spiral Bevel Gear	(1)
37	34-40-0035	O-Ring	(1)
38	34-60-3700	Retaining Ring	(1)
39	38-50-0260	Spindle	(1)
40		Torsion Spring	(1)

			Clamp Assy.	
FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.	
41	40-50-0595	Disc Spring	(1)	
42	40-50-0930	Compression Spring	(1)	
43	40-50-1090	Compression Spring	(1)	
44	40-50-8805	Extension Spring	(1)	
45	40-50-8840	Brush Spring		
46	42-40-0020	Spindle Pin Bushing	(2)	
<b>★</b> 47	42-40-0077	Spacer	(1)	
48		Front Cam	(1)	
51	43-06-0025	Metal Plate	(1)	
52	43-06-0030	Metal Plate	(1)	
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)	
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 (See Page 5	<u>(1)</u>	
71	44-66-5335	Bearing Retainer Plate	(1)	
72	02-04-0999	Ball Bearing	(1)	
73	45-28-0025	Grease Slinger	(1)	
<b>★</b> 74	32-60-0135	Pinion Gear	(1)	
75	42-55-2620	Accessory Carrying Case	(1)	
<b>★</b> 76	14-29-0390	Gear Assembly	(1)	

# SEE ADDITIONAL SERVICE NOTES ON FOLLOWING PAGES



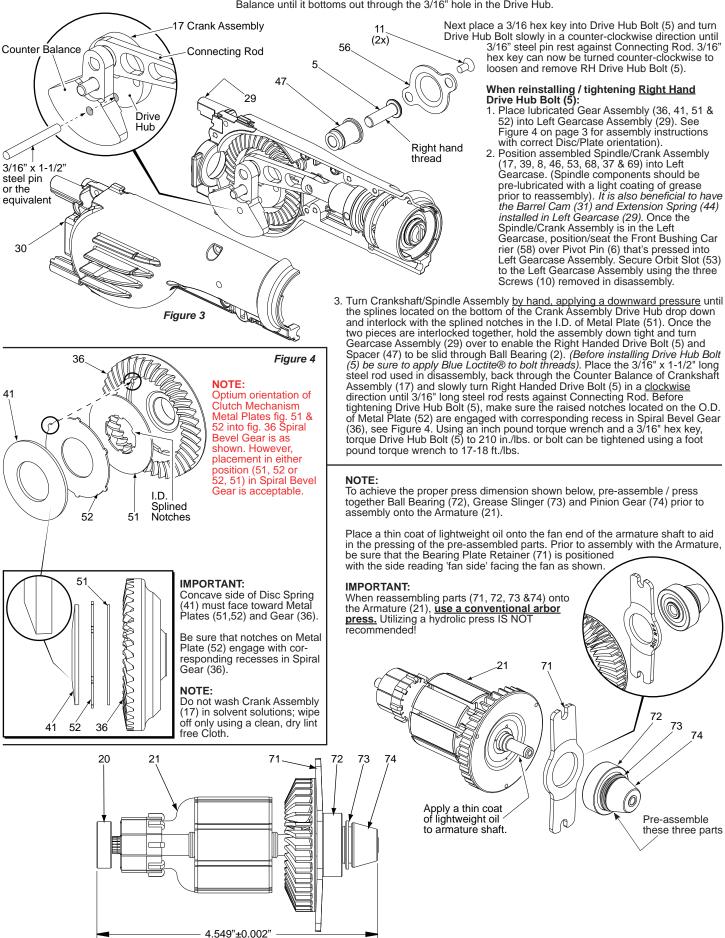


WIRING SPECIFICATIONS						
Wire No.	Wire Color	Origin or Gauge	Length	Terminals, Connectors and 1 or 2 End Wire Preparation		
1	Red	22-18-0135		Carbon Brush Assembly - right side.		
2	Black	22-18-0110		Carbon Brush Assembly - left side.		
3	Red	23-66-0284		Component of the Switch Assembly.		
4	Black	23-66-0284		Component of the Switch Assembly.		
5	White	23-66-0284		Component of the Switch Assembly.		
6	Red	23-66-0284		Component of the Switch Assembly.		
7	Black	23-66-0284		Component of the Switch Assembly.		

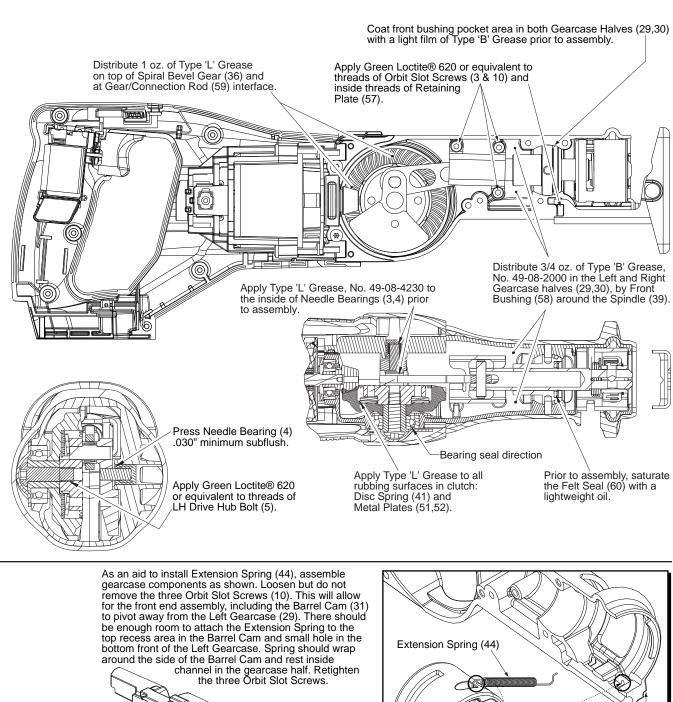
AS AN AID TO REASSEMBLY, TAKE NOTICE OF WIRE ROUTING AND POSITION IN WIRE GUIDES AND TRAPS WHILE DISMANTLING TOOL.

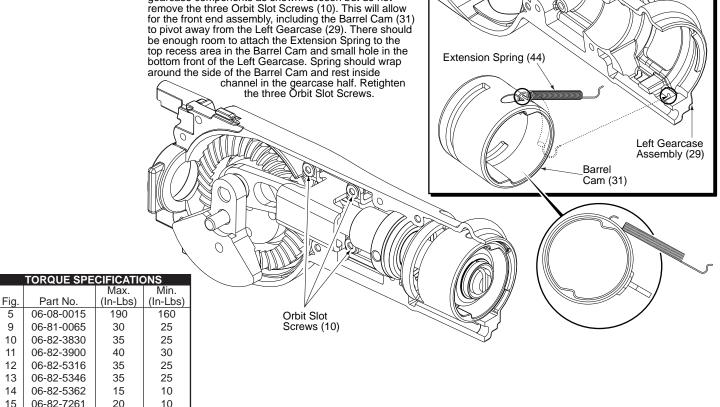
BE CAREFUL AND AVOID PINCHING WIRES BETWEEN HANDLE HALVES WHEN ASSEMBLING.

Remove Crank Assembly (17) from Left Gearcase Assembly (29) by separating / removing Right Housing Half (30). Remove Bearing Retaining Plate Screws (11) and Bearing Plate (56) from Left Gearcase Assembly (29). Place a 3/16" diameter x 1-1/2" long steel rod down through the opening in the Counter Balance until it bottoms out through the 3/16" hole in the Drive Hub.



(115.55±0.05)

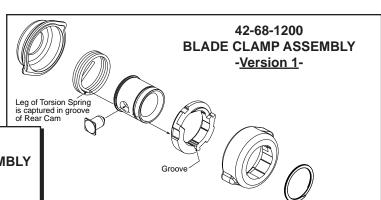


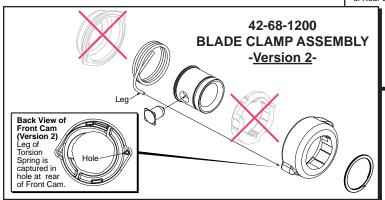


06-82-7290

#### **SERVICE NOTE:**

There are two versions of the 42-68-1200 Blade Clamp Assembly. Although Version 2 has two fewer parts, <u>Version 1 and Version 2 are completely interchangeable.</u>





## REMOVING THE STEEL QUIK-LOK® BLADE CLAMP - VERSION 1

- 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.
- · Place spring cover onto spindle.
- 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.
- · Slide rear cam over sleeve until it bottoms on sleeve shoulder, ensure spring leg inserts into groove of cam.
- Rotate rear cam in the direction of the arrows located on spring cover until there is clearance for lock pin (55) to be inserted into sleeve/spindle holes. Insert lock pin.
- Align front cam (48) inner ribs with rear cam outer slots and slide front cam onto sleeve until it bottoms.
   Retaining ring groove should be completely visible.
- Attach retaining ring (38) 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.

Spindle (39)

Torsion Spring (40)

Lock Pin (55)

Sleeve (64)

Front Cam (48)

**External Retaining** 

Ring (38)

# REMOVING THE STEEL QUIK-LOK® BLADE CLAMP - VERSION 2

- 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 and insert leg of spring (40) into small hole in the back of the cam (see detail above) until it bottoms. Retaining ring groove on the sleeve (64) should be completely visible.
- Attach retaining ring (38) 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.

