SERVICE PARTS LIST

Milwaukee SPECIFY CATALOG NO. AND SERIAL NO. WHEN ORDERING PARTS SAWZALL® Reciprocating Saw

REVISED BULLETIN DATE May 2018 55-40-6580

WIRING INSTRUCTION STARTING SERIAL NO 6519-59A **D81B** CAT. NO. See Page 4

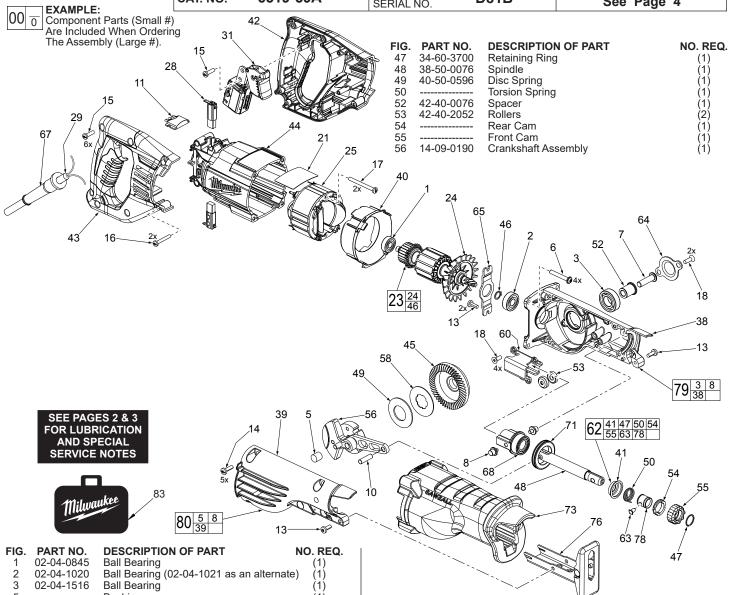
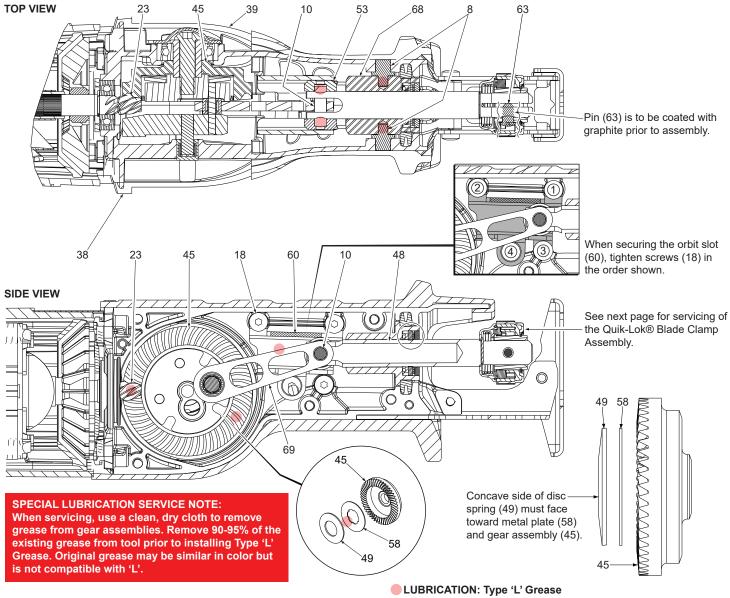
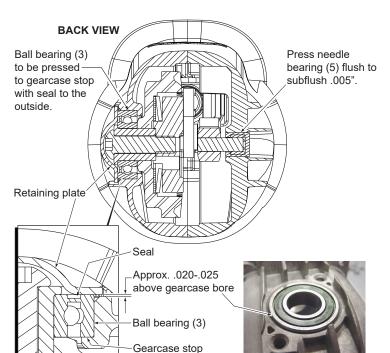


FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ
1	02-04-0845	Ball Bearing	(1)
2	02-04-1020	Ball Bearing (02-04-1021 as an alternate) (1)
3	02-04-1516	Ball Bearing	(1)
5		Bushing	(1)
6	05-88-8309	K50 x 35mm Washer Hd. PT T-20 Screw	(4)
7	06-08-0017	Drive Hub Bolt (R.H. Thread)	(1)
8	06-65-0135	Pivot Pin	(2)
10	06-65-0145	Pin - Connecting Rod	(1)
11	14-20-3160	Remote Electronics Assembly	(1)
13	06-82-5314	10-24 x .5 Pan Hd. Tapt. T-25 Screw	(4)
14	06-82-5411	10-24 x .625 Pan Hd. Tapt. T-25 Screw	(5)
15	06-82-7270	8-16 x .625 Pan Hd. Slt. Plast. T-20 Screen	w (6)
16	06-82-7326	8-16 x 1.00 Pan Hd. Slt. Plast. T-20 Screen	
17	06-82-7410	8-16 x 1.875 Pan Hd. Slt. Plast. T-20 Scr	\ /
18	06-82-8870	1/2-DG50 Thread Form T-20 Screw	(6)
21		Service Nameplate	(1)
23	16-34-0305	Service Armature	(1)
24	22-84-0531	Fan	(1)
	18-32-0300	Service Field	(1)
28	22-20-0055	Carbon Brush Assembly	(2)
	22-64-0151	Cordset	(1)
31	23-66-0208	Switch	(1)
38	28-14-0045	Gearcase - Left	(1)
39	28-14-0046	Gearcase - Right	(1)
40	31-05-0195	Baffle	(1)
41		Spring Cover	(1)
42	31-44-0810	Handle - Left	(1)
	31-44-0815	Handle - Right	(1)
	31-50-0290	Motor Housing	(1)
45	32-05-0022	Bevel Gear Service Kit	(1)
46	34-60-0810	External Retaining Ring	(1)

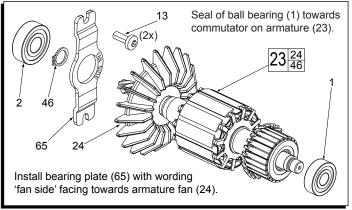
FIG. 58 60 62 63 64 65 67 68 71 73 76 78 79 80 82 83	PART NO. 43-06-0025 43-56-0045 14-46-1062 44-66-1070 44-76-0210 14-86-0105 45-06-0230 45-12-2056 45-16-0030 43-00145 14-30-0146 22-56-0451 42-55-2051	Metal Plate Orbit Slot Quik-Lok Blade Clamp Kit Lock Pin Bearing Retaining Plate - Gearcase Bearing Bearing Retaining Plate - Armature Bearing Cord Protector Front Bushing Assembly 'H' Seal Insulator Shoe Assembly Sleeve Left Gearcase Assembly Right Gearcase Assembly Terminal Block (See Wiring Diagram) Carrying Case	NO. REQ. (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)
82	22-56-0451	Terminal Block (See Wiring Diagram)	(1) (1) (1) (1) (n) (1)

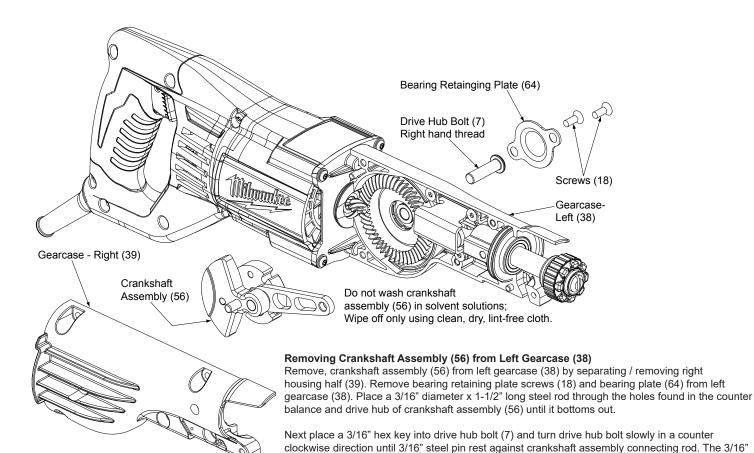




No. 49-08-4175 (16 oz. tub)

- Place 30g ±3g (approx. 1 ounce) on top of gear (45) and armature pinion (23), being sure to cover the middle of the gear and all teeth.
- Place 15g ±3g (approx. .5 ounce) to the area where the gear (45) and the connecting rod (69) interface.
- Coat both sides of the metal clutch plate (58).
- Lightly coat both pins (8) where connections go into holes of front bushing assembly (68).
- Lightly coat both ends of pin (10) prior to installing rollers (53).





Reinstalling Crankshaft Assembly (56) into Left Gearcase (38)

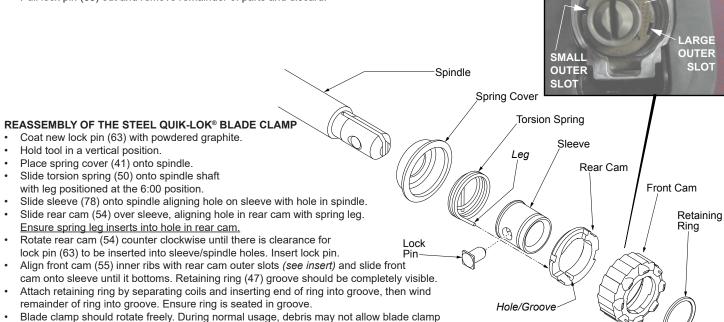
To reinstall drive hub bolt (7) to crankshaft assembly (56) apply Blue Loctite® (44-20-0090) to threads of drive hub bolt (7) and insert through spacer (52) aligning threads of drive hub bolt (7) with internal threads of crankshaft assembly hub. Use a 3 /16" hex key to turn the drive hub bolt (7) slowly in a clockwise direction until 3/16" steel pin rest against crankshaft assembly connecting rod (See 'Removing Crankshaft Assembly' instructions above). Using an inch pound torque wrench and a 3/16" hex key, torque drive hub bolt (7) to 210-240 in. lbs. or bolt can be tightened using a ft. lbs. torque wrench to 17-20 ft. lbs.

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.

REMOVING THE STEEL QUIK-LOK® BLADE CLAMP

- Remove external retaining ring (47) and pull front cam (55) off.
- Pull lock pin (63) out and remove remainder of parts and discard.



hex key can now be forcibly turned counter clockwise to loosen and remove drive hub bolt (7).

SMALL

INNER

RIB

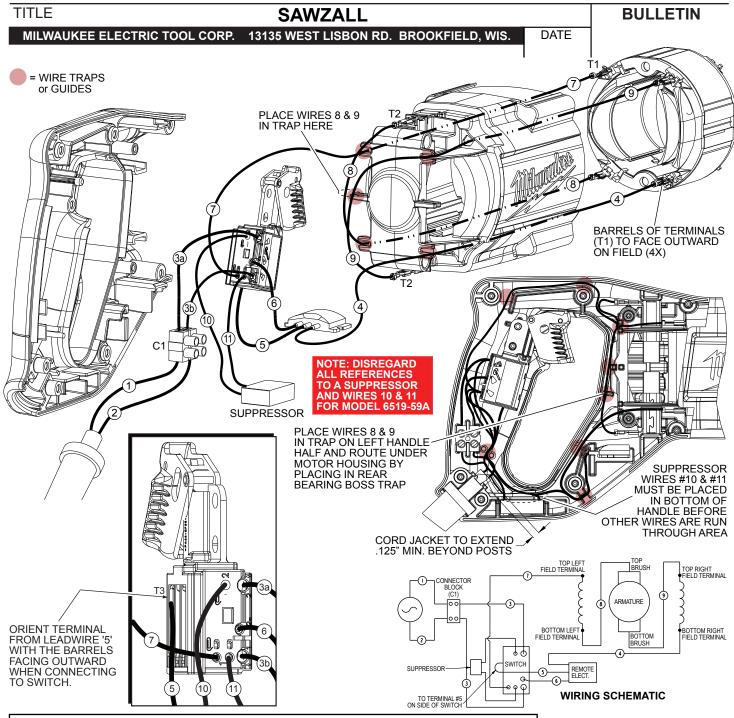
LARGE

INNER

(55)

(54)

WIRING INSTRUCTIONS



WIRING SPECIFICATIONS					
Wire No.	Wire Color	Origin or Gauge	Length	Terminals, Connectors and 1 or 2 End Wire Preparation	
1	Brown	Cordset	1.5"	Strip .187" for connector block (C1) opposite black wire #3a.	
2	Blue	Cordset	1.5"	Strip .187" for connector block (C1) opposite black wire #3b.	
3a	Black	23-94-0100		Insert tinned end to '2↑' on switch. Connect stripped end to	
				connector block (C1) opposite brown cord wire #1.	
3b	Black	23-94-0100		Insert tinned end to '1↑' on switch. Connect stripped end to	
				connector block (C1) opposite blue cord wire #2.	
4	Black	Remote Mod.		Connect terminal (T1) to lower right field terminal.	
5	Black	Remote Mod.		Connect terminal (T3) to '5' on right side of switch.	
6	Black	Remote Mod.		Connect tinned end to '2a' on switch.	
7	White	23-94-0550		Connect tinned end to '1' on switch. Connect (T1) to upper left	
				field terminal.	
8	White	23-94-0540		Connect (T2) to upper brush terminal and (T1) to lower left field terminal.	
9	Black	23-94-0530		Connect (T2) to lower brush terminal and (T1) to upper right field terminal.	

NOTE:

All leads must be held to \pm 1/8". All lead lengths are before stripping.

TERMINAL DESCRIPTION				
Code	Part No.	Qnty.		
T1	23-94-1060	4		
T2	23-94-0017	2		
Т3	23-94-0010	1		

CONNECTOR DESCRIPTION			
Code	Part No.	Qnty.	
C1	22-56-0451	1	