SERVICE PARTS LIST

Milwaukee specify of

CATALOG NO.

SPECIFY CATALOG NO. AND SERIAL NO. WHEN ORDERING PARTS

SAWZALL® Reciprocating Saw

6509-31

TS REVISED BULLETIN 54-40-6522

DATE Feb. 2017

STARTING SERIAL NO. C24D WIRING INSTRUCTION 58-01-0293

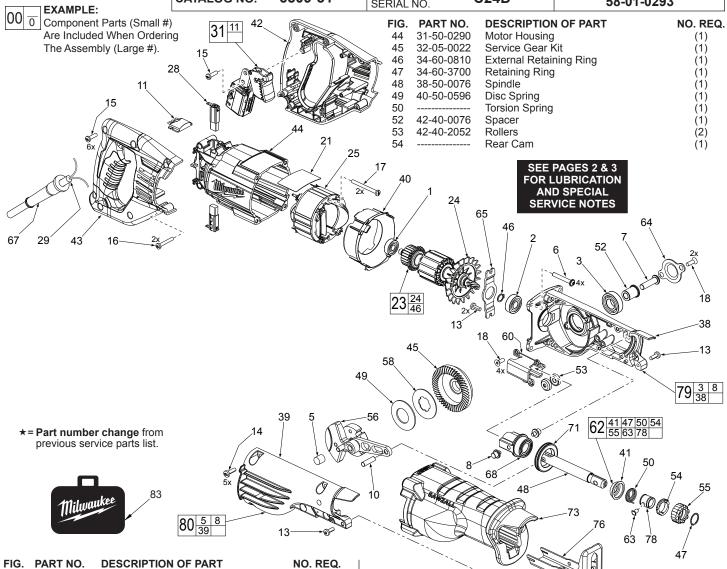
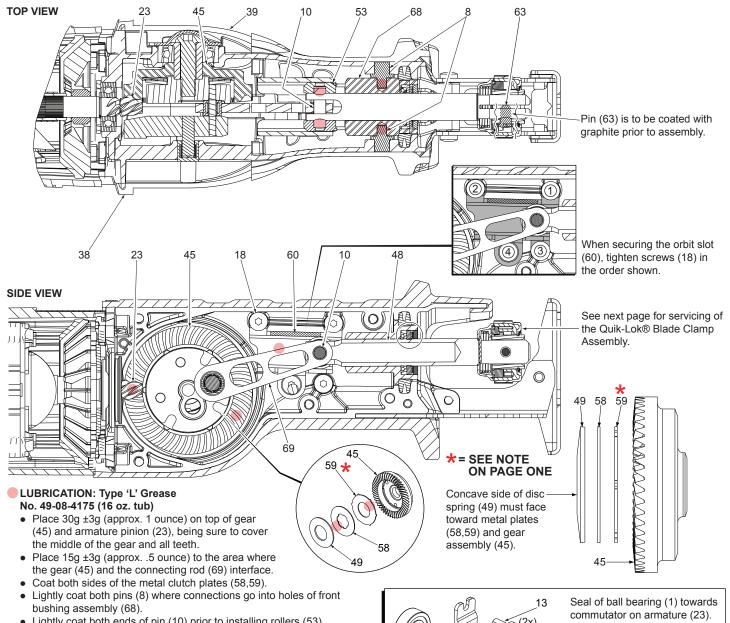


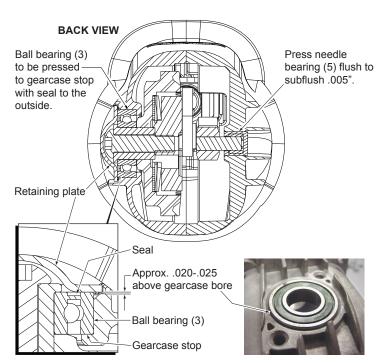
FIG.	PART NO.	DESCRIPTION OF PART NO	D. REQ
1	02-04-0845	Ball Bearing	(1)
2	02-04-1020	Ball Bearing (02-04-1021 as an alternate)	(1)
3	02-04-1516	Ball Bearing	(1)
5		Bushing	(1)
6	05-88-8309	K50 x 35mm Washer Hd. PT T-20 Screw	(4)
7	06-08-0017	Drive Hub Bolt (R.H. Thread)	(1)
8	06-65-0135	Pivot Pin	(2)
10	06-65-0145	Pin - Connecting Rod	(1)
★ 11		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 Screw	(6)
16	06-82-7326	8-16 x 1.00 Pan Hd. Slt. Plast. T-20 Screw	(2)
17	06-82-7410	8-16 x 1.875 Pan Hd. Slt. Plast. T-20 Screv	v (2)
18	06-82-8870	1/2-DG50 Thread Form T-20 Screw	(6)
21	12-99-1756	Service Nameplate	(1)
23	16-30-0585	Service Armature	(1)
24	22-84-0531	Fan	(1)
25	18-31-0525	Service Field	(1)
28	22-20-0065	Carbon Brush Assembly	(2)
29	22-64-1622	Cordset	(1)
★ 31	23-66-4205	Switch with Remote Electronics Assembly	(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)
43	31-44-0815	Handle - Right	(1)

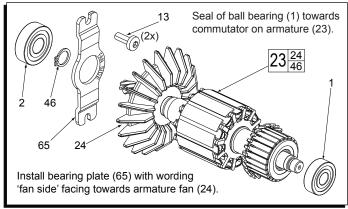
FIG.	PART NO.		NO. REQ.
55		Front Cam	(1)
56	14-09-0195	Crankshaft Assembly	(1)
58	43-06-0025	Metal Plate	(1)
59	43-06-0030	Metal Plate (Version 'A' only, see detail)	(1)
60	43-56-0055	Non-Orbit Slot	(1)
62	14-46-1062	Quik-Lok Blade Clamp Kit	(1)
63		Lock Pin	(1)
64	44-66-0280	Bearing Retaining Plate - Gearcase Bearing	ıg (1)
65	44-66-1070	Bearing Retaining Plate - Armature Bearing	g (1)
67	44-76-0210	Cord Protector	(1)
68	14-86-0105	Front Bushing Assembly	(1)
71	45-06-0230	'H' Seal	(1)
73	45-12-2052	Insulator	(1)
76	45-16-0030	Shoe Assembly	(1)
78		Sleeve	(1)
79	14-30-0145	Left Gearcase Assembly	(1)
80	14-30-0146	Right Gearcase Assembly	(1)
83	42-55-2051	Carrying Case	(1)
	23-94-0510	Leadwire Assembly - Black (Not Shown)	(1)
	23-94-0520	Leadwire Assembly - White(Not Shown)	(1)

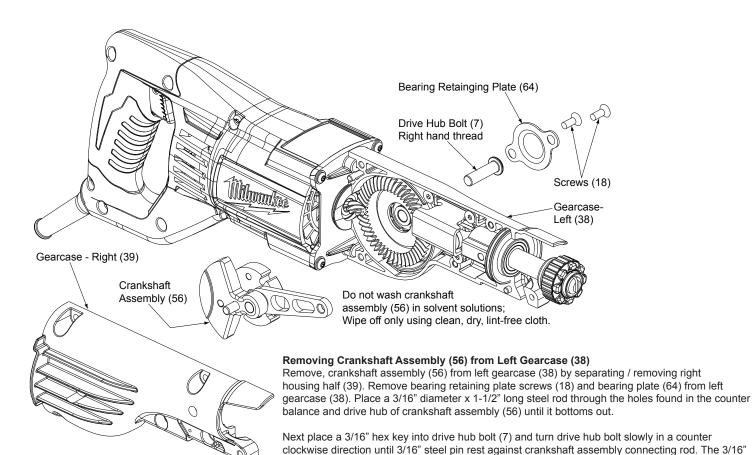
13135 W. Lisbon Road, Brookfield, WI 53005



• Lightly coat both ends of pin (10) prior to installing rollers (53).



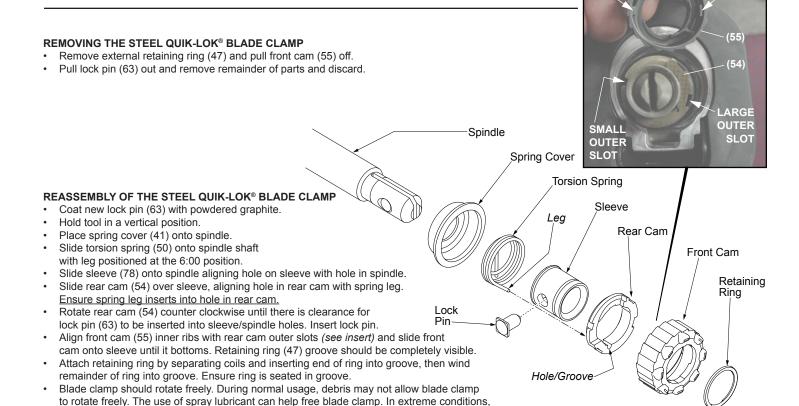




Reinstalling Crankshaft Assembly (56) into Left Gearcase (38)

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 <u>clockwise</u> 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.

follow these instructions to remove, clean and reassemble blade clamp.



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

INNER

RIB

LARGE

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