SERVICE PARTS LIST

BULLETIN NO. 54-40-2431

SPECIFY CATALOG NO. AND SERIAL NO. WHEN ORDERING PARTS	REVISED BULLETIN	DATE
CORDLESS M12 COMPACT BAND SAW	54-40-2430	Jan. 2019
CATALOG NO. 2429-20 STARTING SERIAL NO. **E25B**	WIRING INSTRUCTION **SEE PAGE 3**	

00 | 0 **EXAMPLE:** Component Parts (Small #) Are Included When Ordering The Assembly (Large #).

SEE ADJACENT PAGES FOR ADDITIONAL SERVICE NOTES, LUBRICATION AND WIRING

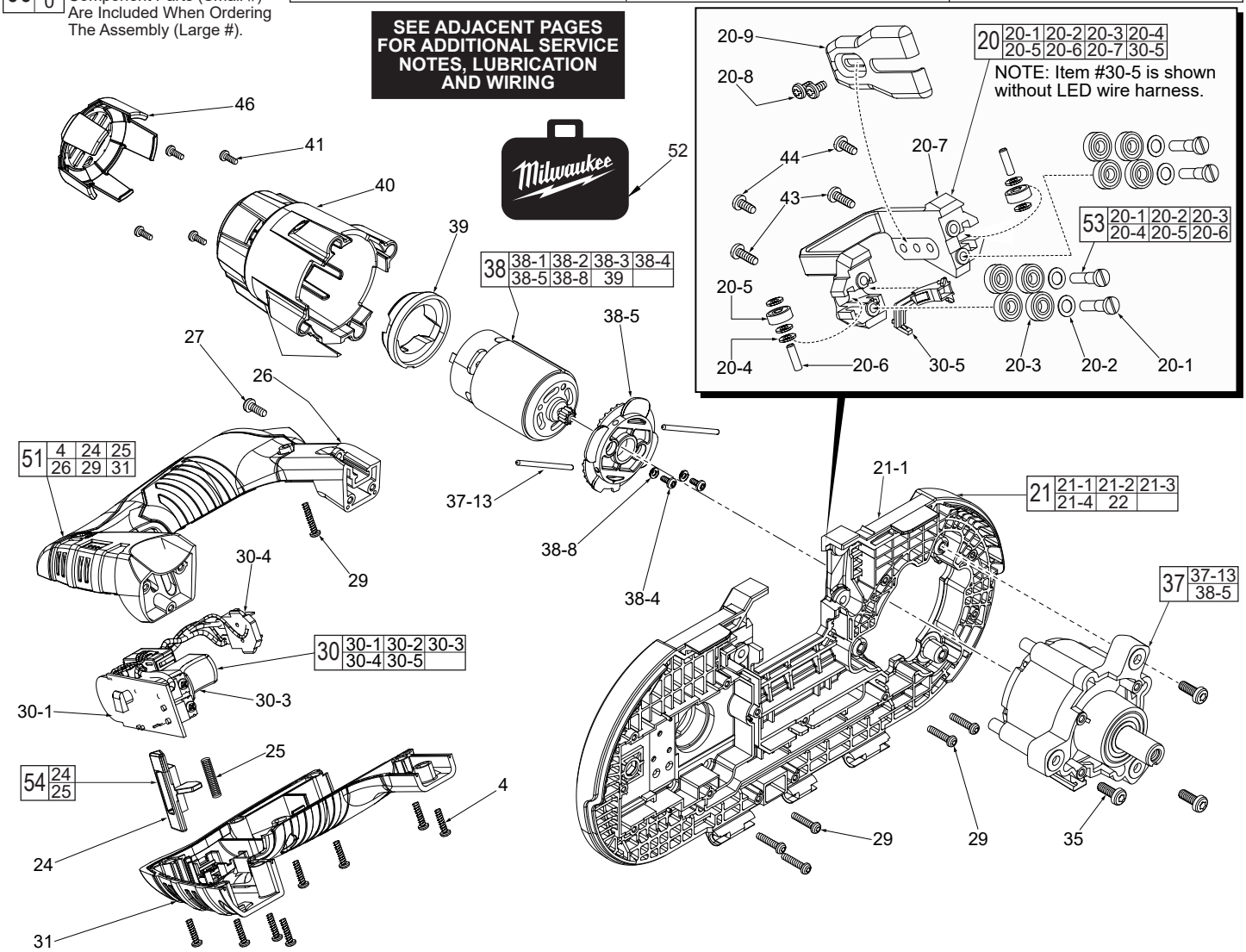

FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
4	06-82-7225	4-20 x 1/2" Pan Hd. Plast. T-10 Screw	(8 of 22)
20	42-28-2429	Blade Guide Assembly	(1)
20-1	----------	12-24 x .96 Slotted UNC Screw	(4)
20-2	----------	Washer	(4)
20-3	----------	Ball Bearing	(8)
20-4	----------	Washer	(5)
20-5	----------	Ball Bearing	(2)
20-6	----------	Steel Pin	(2)
20-7	42-28-2430	Blade Guide	(1)
20-8	06-82-8828	8-32 x 5/16" Pan Hd. Taptite T-20 Screw	(2)
20-9	42-38-2429	Bumper	(1)
21	28-95-2430	Deck Assembly	(1)
21-1	----------	Deck	(1)
★ 24	----------	Shuttle	(1)
★ 25	40-50-0270	Shuttle Spring	(1)
★ 26	----------	Handle Support	(1)
27	06-82-3001	Pan Hd. Taptite Phillips Screw	(1)
29	06-82-2025	Pan Hd. Plastite T-10 Screw	(6)
30	23-66-4500	Switch Assembly	(1)
30-1	----------	PCB Assembly	(1)
30-2	23-48-2429	Fiber Tube (Not Shown, see wiring pages)	(2)
30-3	----------	Switch	(1)
30-4	----------	Battery Contact Plate	(1)
30-5	22-80-2429	LED Holder	(1)
★ 31	----------	Handle Cover	(1)
35	06-82-7409	8-16 x 1/2" Pan Hd. Plastite T-20 Screw	(3)

FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
37	14-30-2429	Gear Box Assembly	(1)
37-13	----------	Pin	(2)
38	14-30-2430	Motor Assembly	(1)
38-1	23-94-2429	Red Motor Wire (Not Shown, see wiring)	(1)
38-2	23-94-2430	White Motor Wire (Not Shown, see wiring)	(1)
38-3	23-48-2430	Fiber Tube (Not Shown, see wiring)	(1)
38-4	05-81-0205	M3 x 6 Pan Hd. Phillips Screw	(2)
38-5	----------	Motor Mount Bracket	(1)
38-8	45-88-1980	3mm Lock Washer	(2)
39	31-12-2429	Rubber Motor Ring	(1)
40	31-15-2430	Motor Cover	(1)
41	06-82-3002	Pan Hd. Taptite T-10 ST Screw	(4)
43	06-82-5316	8-32 x 0.5" Pan Hd. Taptite T-20 Screw	(2)
44	06-82-7253	8-32 x .375" Pan Hd. Taptite T-20 Screw	(2)
46	42-52-2429	Motor Housing Cap	(1)
★ 51	14-34-2002	Handle Assembly	(1)
52	42-55-2429	Carrying Case	(1)
53	14-46-0465	Guide Roller Kit	(1)
★ 54	45-24-9002	Shuttle Kit	(1)

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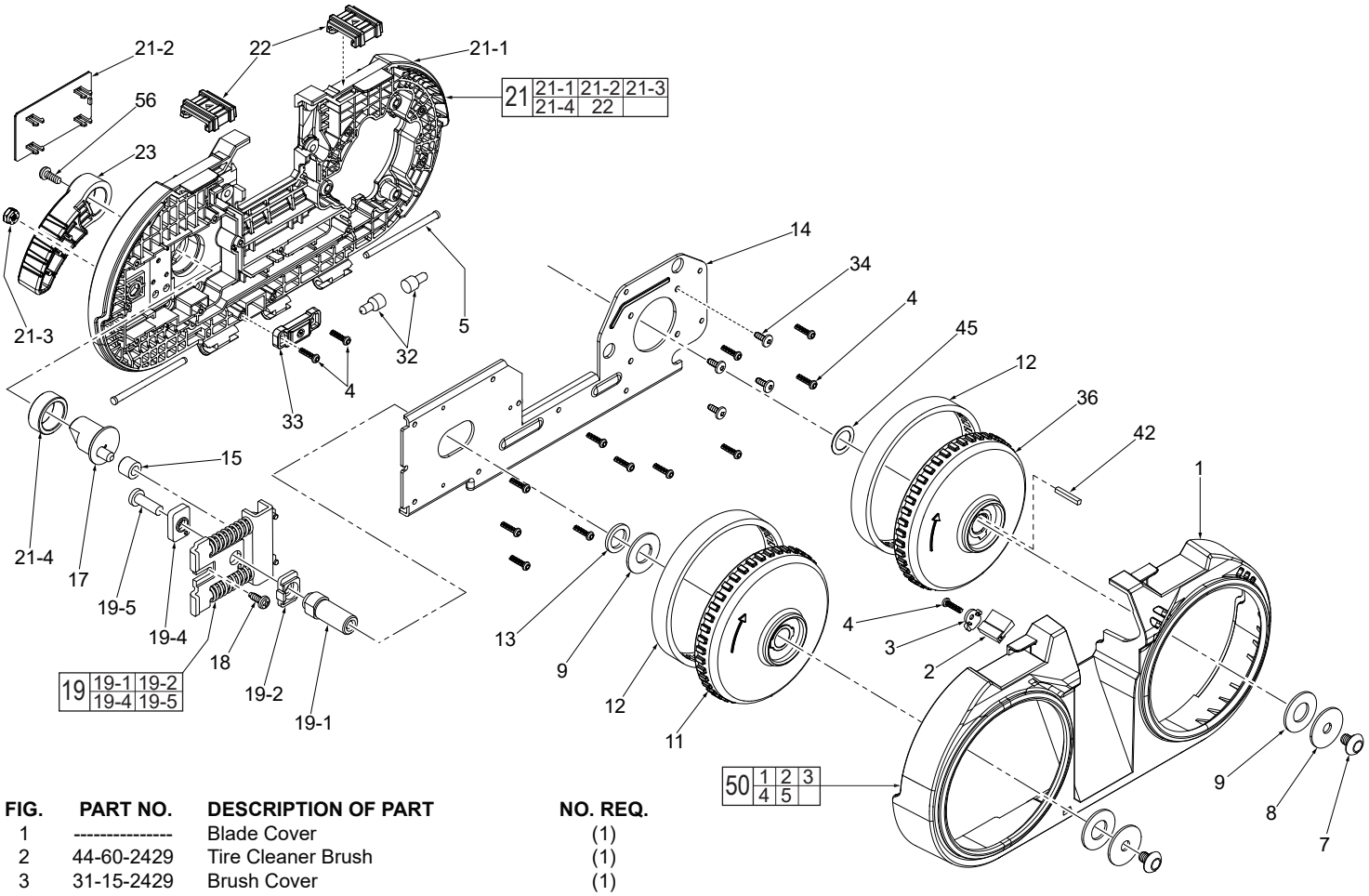
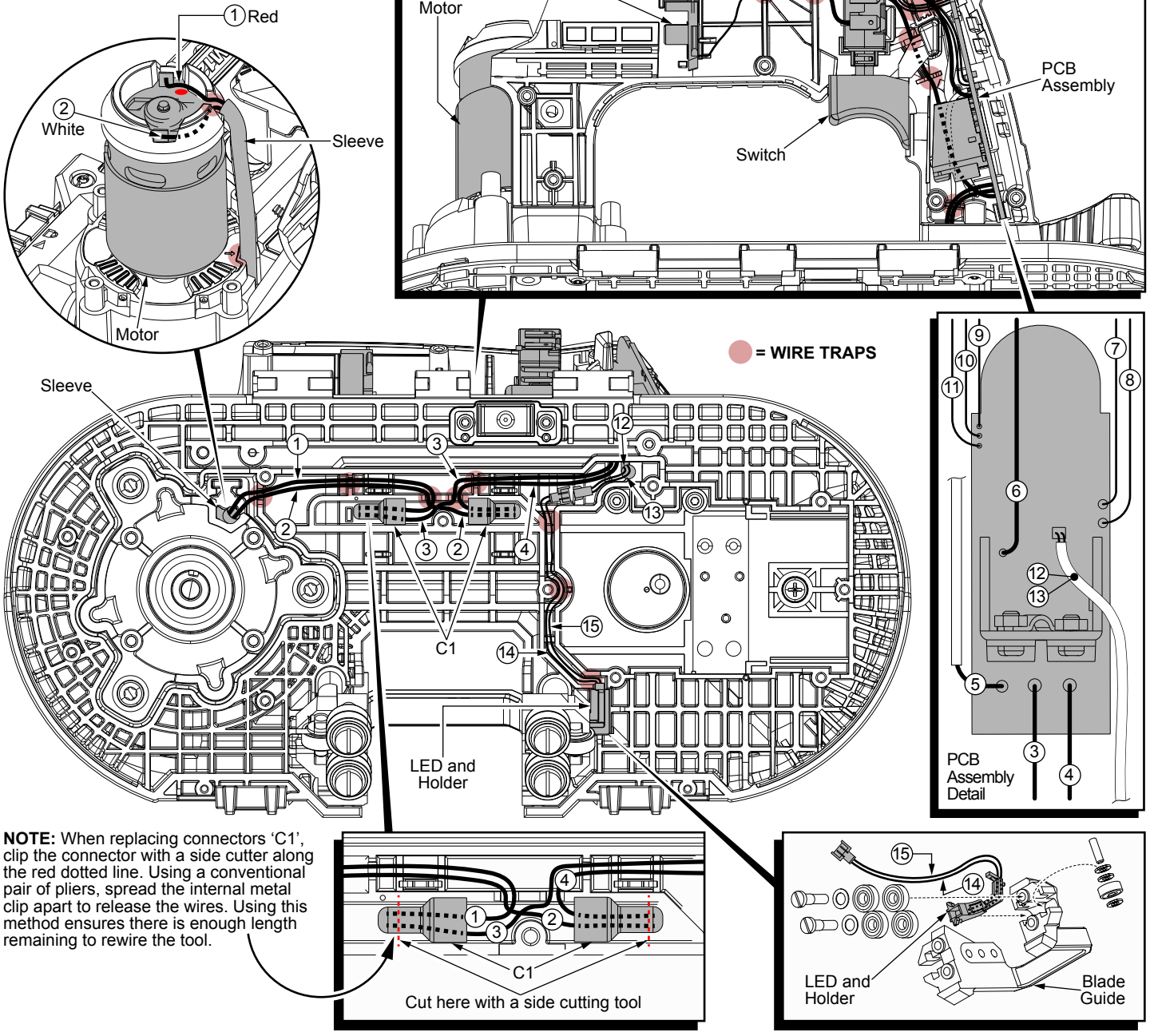


FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
1	----------	Blade Cover	(1)
2	44-60-2429	Tire Cleaner Brush	(1)
3	31-15-2429	Brush Cover	(1)
4	06-82-7225	4-20 x 1/2" Pan Hd. Plast. T-10 Screw	(14 of 22)
5	06-65-2429	Steel Pin	(2)
7	06-82-0040	1/4" x 20 UNC-2A TH Hex Screw	(2)
8	45-88-0832	Steel Washer	(2)
9	45-88-0545	Plastic Washer	(3)
11	28-95-0030	Front Pulley Assembly	(1)
12	45-69-0030	Pulley Tire	(2)
13	45-88-2429	Flat Washer	(1)
14	42-92-2429	Deck Cover Plate	(1)
15	42-40-1010	Bushing	(1)
17	45-08-0065	Blade Release Shaft Assembly	(1)
18	06-82-3000	Screw	(1)
19	42-18-2429	Blade Tension Bar Assembly	(1)
19-1	42-12-2429	Front Pulley Axle	(1)
19-2	45-88-2430	Angle Washer	(1)
19-4	45-88-2431	Block Washer	(1)
19-5	06-82-5382	1/4-20 x 3/4" Pan Hd. Taptite T-27 Screw	(1)
21	28-95-2430	Deck Assembly	(1)
21-1	----------	Deck	(1)
21-2	22-68-2429	Logo Plate	(1)
21-3	06-57-2429	Hex Nut	(1)
21-4	42-40-0640	Sleeve Bearing	(1)
22	14-46-2430	Latch	(2)
23	31-52-2429	Blade Release Lever	(1)
32	22-56-0150	Connector	(2)
33	14-46-2431	Wear Block Assembly	(1)
34	06-95-0075	6-32 x 3/8" Truss Hd. Taptite T-10 Screw	(4)
36	44-77-0170	Rear Pulley	(1)
42	43-96-0105	Flat Key	(1)
45	45-88-2432	Flat Washer	(1)
50	14-46-2429	Blade Cover Assembly	(1)
56	06-82-0150	8-32 x 10mm Pan Hd. Taptite T-20 Screw	(1)

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 and between deck and metal cover plate when assembling.



NOTE: When replacing connectors 'C1', clip the connector with a side cutter along the red dotted line. Using a conventional pair of pliers, spread the internal metal clip apart to release the wires. Using this method ensures there is enough length remaining to rewire the tool.

WIRING SPECIFICATIONS

Wire No.	Wire Color	Origin or Gauge	Length	Terminals, Connectors and 1 or 2 End Wire Preparation
1	Red	23-94-2429	-----	Connect one end to positive terminal (red dot) on motor. Join other end with red wire #3 using connector C1.
2	White	23-94-2430	-----	Connect one end to negative motor terminal. Join other end to white wire #4 using connector C1.
3	Red	23-66-4500	-----	Component of PCBA of switch assembly. Route from PCBA and join with red wire #1 using connector C1.
4	White	23-66-4500	-----	Component of PCBA of switch assembly. Route from PCBA and join with white wire #2 using connector C1.
5	Black	23-66-4500	-----	Component of PCBA of switch assembly. Wire is sleeved and routed between PCBA and switch.
6	Black	23-66-4500	-----	Component of PCBA of switch assembly. Wire is routed between PCBA and battery contact plate.
7	White	23-66-4500	-----	Component of PCBA of switch assembly. Wire is routed between PCBA and battery contact plate.
8	Red	23-66-4500	-----	Component of PCBA of switch assembly. Wire is routed between PCBA and battery contact plate.
9	Black	23-66-4500	-----	Component of PCBA of switch assembly. Wire is routed between PCBA and switch.
10	Blue	23-66-4500	-----	Component of PCBA of switch assembly. Wire is routed between PCBA and switch.
11	Yellow	23-66-4500	-----	Component of PCBA of switch assembly. Wire is routed between PCBA and switch.
12	White	23-66-4500	-----	Component of PCBA of switch assembly. Sleeved with red wire #13, male connector joins to wires #14 & #15.
13	Red	23-66-4500	-----	Component of PCBA of switch assembly. Sleeved with white wire #12, male connector joins to wires #14 & #15.
14	White	22-80-2429	-----	Component of LED assembly along with red wire #15. Female connector joins to wires #12 and #13.
15	Red	22-80-2429	-----	Component of LED assembly along with white wire #14. Female connector joins to wires #12 and #13.