SERVICE PARTS LIST

B61B

Milwaukee SPECIFY CATALOG NO. AND SERIAL NO. WHEN ORDERING PARTS 12 Volt Copper Tubing Cutter

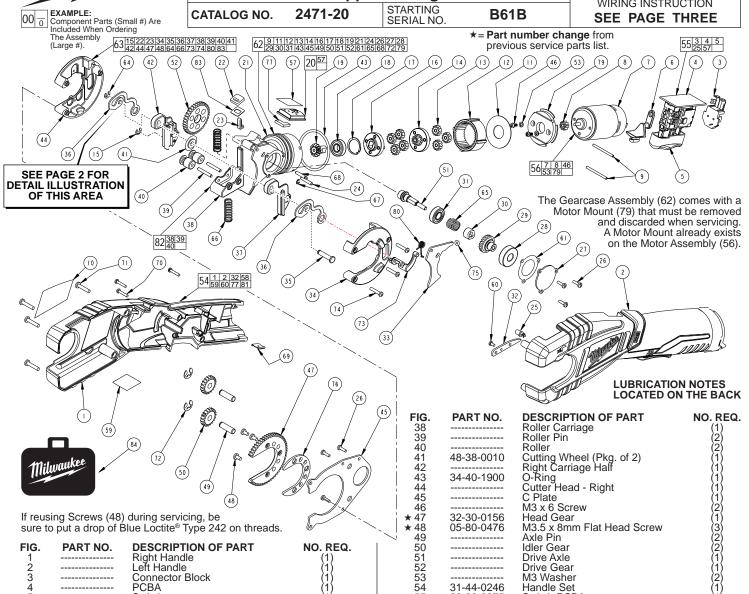
2471-20

CATALOG NO.

REVISED BULLETIN 54-27-2470

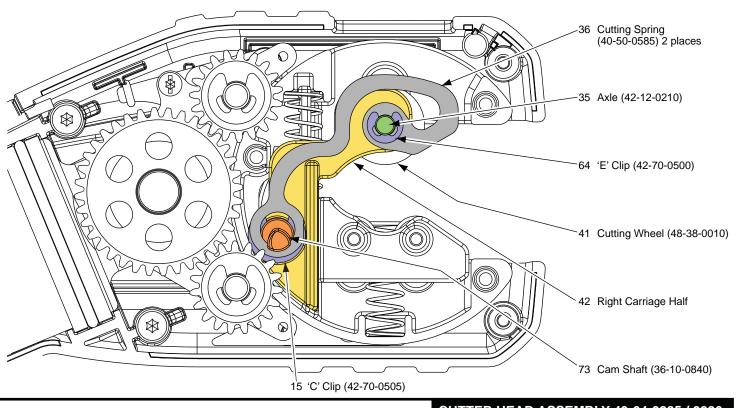
DATE Mar. 2010

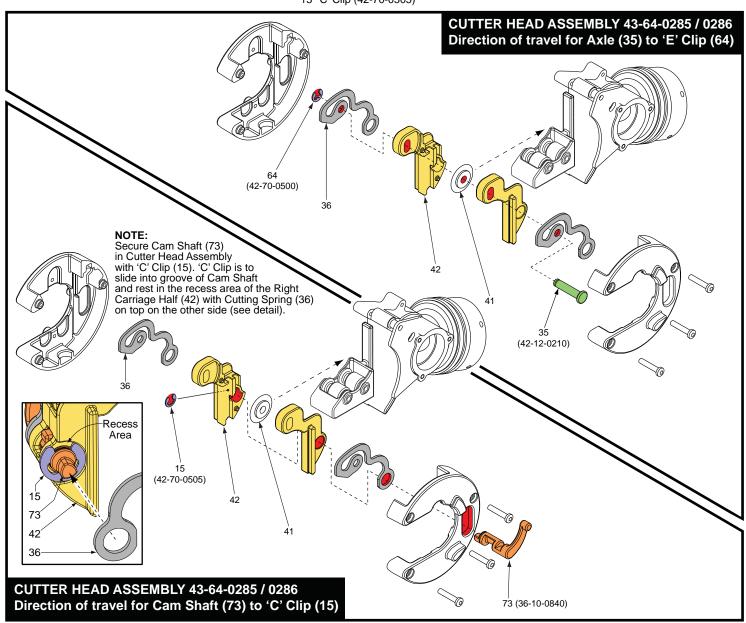
WIRING INSTRUCTION SEE PAGE THREE

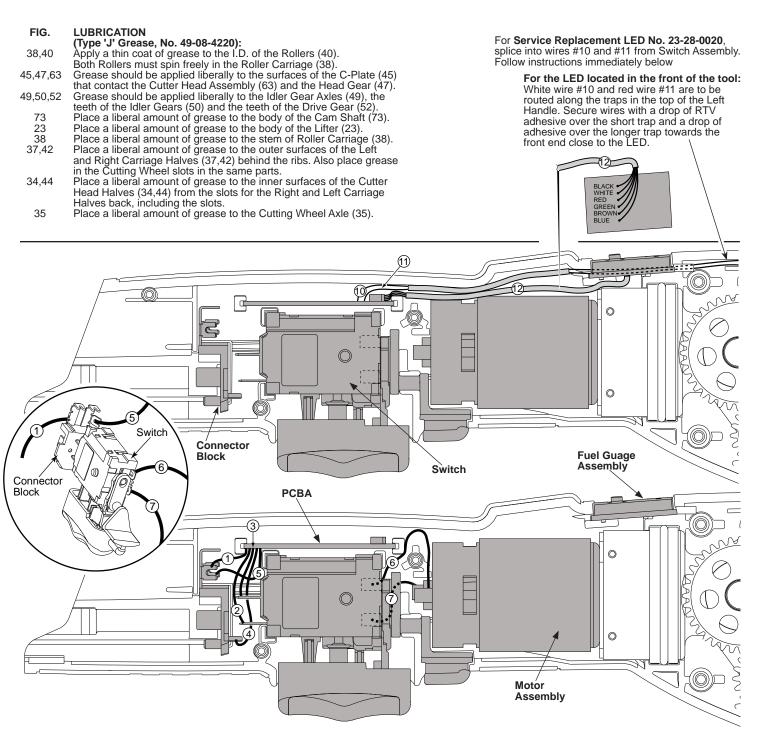


Right Handle	FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
8				(1)
8	2			(1)
8	3			(1)
8	4		PCBA	(1)
8	5		Switch	(1)
8	6	31-52-0125	Reversing Lever	(1)
9 44-60-1530 Pin (2) 10 12-20-2470 Service Nameplate Kit (1) 11	7		Motor	(1)
9 44-60-1530 Pin (2) 10 12-20-2470 Service Nameplate Kit (1) 11	8		Pinion	(1)
Plate	9	44-60-1530	Pin	(2)
Plate	10	12-20-2470	Service Nameplate Kit	(1)
13	11			(1)
13	12		Ring Gear	(1)
14	13		Planet - 1st Stage	
15	14		Carriage - 1st Stage	
16	15	42-70-0505	E Clip	
17				
18	17			(1)
19	18			(1)
21	19			(1)
21	20	22-06-0130	Fuel Gauge Assembly	(1)
22 44-66-0825 Locking Plate (1) 23	21		Gearcase Housing	
23	22	44-66-0825		(1)
24	23			
25 23-28-0020 Service LED (1) 26 06-82-5268 4-40 x 3/8" Pan Hd. Slt. Tapt. T-10 (6) 27 Plate Cover (1) 28 Bearing (1) 29 32-05-0205 Bevel Gear (1)				
26 06-82-5268 4-40 x 3/8" Pan Hd. Slt. Tapt. T-10 (6) 27 Plate Cover (1) 28 Bearing (1) 29 32-05-0205 Bevel Gear (1)		23-28-0020	Service LFD	
27 Plate Cover (1) 28 Bearing (1) 29 32-05-0205 Bevel Gear (1)				
28 Bearing (1) 29 32-05-0205 Bevel Gear (1)	27		Plate Cover	
29 32-05-0205 Bevel Ğear (1)				
		32-05-0205	Bevel Gear	
	30	32-10-0240	Clutch Cam	(1)
31 Bearing (1)				
32 Fixed Cam (1)				
33 44-10-0490 Stop Lever (1)		44-10-0490		
34 Cutter Head - Left (1)				
35 42-12-0210 Axle (1)		42-12-0210		
36 40-50-0585 Cutting Spring (2)				
37 Left Carriage Half (1)			Left Carriage Half	\ 1 \

42		Right Carriage Half	(1)
43	34-40-1900	O-Ring	(1)
44		Cutter Head - Right	(1)
45		C Plate	(1)
46		M3 x 6 Screw	(2)
★ 47	32-30-0156	Head Gear	(1)
★ 48	05-80-0476	M3.5 x 8mm Flat Head Screw	(3)
49		Axle Pin	(2)
50		Idler Gear	(2)
51		Drive Axle	(1)
52		Drive Gear	(1)
53	24 44 0240	M3 Washer	(2)
54	31-44-0246		(1)
55 56	23-66-0875 14-50-0205	Switch PCBA Motor Assembly	(1) (2) (1) (3) (2) (2) (1) (1) (2) (1) (1)
56 57	10-20-4420		(1)
59	10-20-4420	Fuel Guage Label Warning Label	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
60	10-13-0333	M2.6 x 5 Screw	\i\
61	43-44-0075	Gasket	{i∫
62	14-29-0155	Gearcase Assembly	{i}
± 63	43-64-0286	Cutter Head Assembly	(1)
64	42-70-0500	E Clip	
65	40-50-0525	Clutch Spring	(1)
66	40-50-0580	Carriage Spring	(2)
67	42-70-0525	E Clip	(1)
68		Pin Pivot	(1)
69	42-70-0055		(1)
70	06-82-2385		(3)
71 72	06-81-0005 42-70-0550	M3.5 x 1.34 Screw E Clip	(4)
73	36-10-0840	Cam Shaft	(1) (1) (2) (1) (1) (1) (3) (4) (2) (1)
73 74			(1)
	05-81-0245	4-40 x 5/8" Phillips Hd. Screw	(3)
75	34-40-1905	O-Ring	(1)
76	32-30-0160	Head Gear Spacer	(1)
77	42-28-0075	Rubber Block	(1)
79		Motor Mount	(1)
80	40-50-0605	Torsion Spring	(1)
82	43-72-0285	Roller Carriage Assembly	(1)
83	45-36-0205	Locking Plate Spacer	(1)
84	42-55-2471	Carrying Case, Optional	(1)







WIRING SPECIFICATIONS						
Wire No.	Wire Color	Origin or Gauge	Length	Terminals, Connectors and 1 or 2 End Wire Preparation		
1	Red	23-66-0875		Component of the Switch Assembly.		
2	White	23-66-0875		Component of the Switch Assembly.		
3	Blue	23-66-0875		Component of the Switch Assembly.		
4	White	23-66-0875		Component of the Switch Assembly.		
5	Black	23-66-0875		Component of the Switch Assembly.		
6	Red	14-50-0205		Component of the Motor Assembly.		
7	Black	14-50-0205		Component of the Motor Assembly.		
10	White	23-66-0875		Component of the Switch Assembly.		
11	Red	23-66-0875		Component of the Switch Assembly.		
12	Black	22-06-0130		Component of the Fuel Guage Assembly.		
12	White	22-06-0130		Component of the Fuel Guage Assembly.		
12	Red	22-06-0130		Component of the Fuel Guage Assembly.		
12	Green	22-06-0130		Component of the Fuel Guage Assembly.		
12	Brown	22-06-0130		Component of the Fuel Guage Assembly.		
12	Blue	22-06-0130		Component of the Fuel Guage 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.