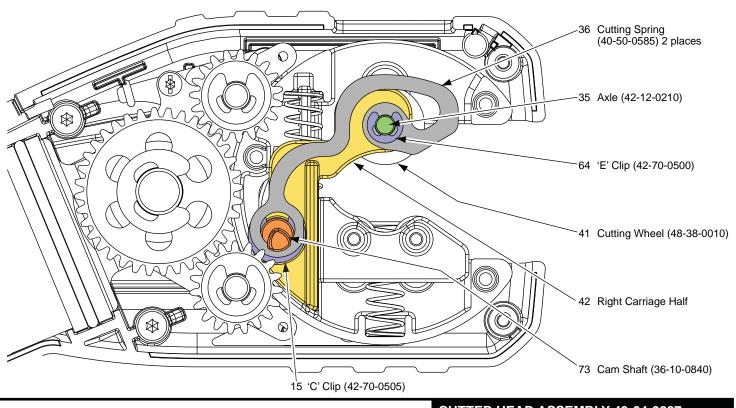
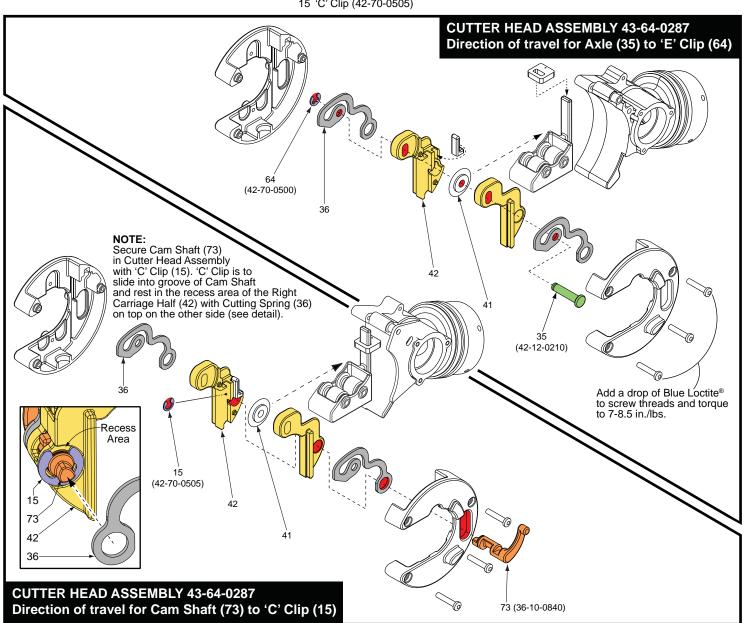
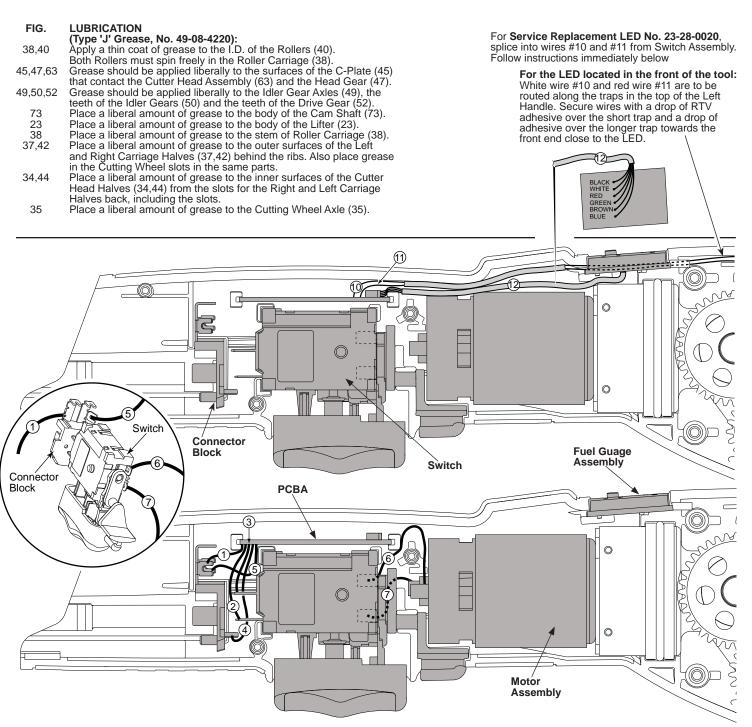
Milwaukee SERVICE PARTS LIST SPECIFY CATALOG NO. AND SERIAL NO. WHEN ORDERING PARTS REVISED BULLETIN DATE 55-27-2470 Mar. 2015 M12[™] Copper Tubing Cutter WIRING INSTRUCTION STARTING Component Parts (Small #) Are Included When Ordering
The Assembly (2)15|22|23|34 CATALOG NO. 2471-059 **D30B** SEE PAGE THREE SERIAL NO **★= Part number change** from 62 9 11 12 13 14 16 17 18 19 21 24 26 27 28 29 30 31 43 45 49 50 51 52 61 65 68 72 79 85 (Large #). previous service parts list. (19) (43) (18) (17)(42) (22) (21) (16) (12) (46) (41) (36) 56 7 8 46 53 79 SEE PAGE 2 FOR DETAIL ILLUSTRATION (24) OF THIS AREA The Gearcase Assembly (62) comes with a (39) Motor Mount (79) that must be removed and discarded when servicing. (38) A Motor Mount already exists 82 38 39 on the Motor Assembly (56). (70) (36) (75) 54 1 2 32 59 60 77 (35) (34) (73) **LUBRICATION NOTES** LOCATED ON THE BACK (26) (45) FIG. PART NO. **DESCRIPTION OF PART** NO. REQ. 37 Left Carriage Half (59) 38 Roller Carriage (1) (2) (2) (1) (1) (1) 39 Roller Pin (84) 40 Roller (12) Cutting Wheel (Pkg. of 2) Right Carriage Half 41 48-38-0010 42 43 34-40-1900 O-Ring Cutter Head - Right 44 45 C Plate If reusing Screws (48) during servicing, be 46 M3 x 6 Screw sure to put a drop of Blue Loctite® Type 242 on threads. 47 32-30-0157 Head Gear 48 05-80-0476 M3.5 x 8mm Flat Head Screw PART NO. **DESCRIPTION OF PART** NO. REQ. 49 Axle Pin FIG.

1 10.	I AIL ING.	DEGOMIN HON OF TAKE	NO. ILLG.	1 70		ANICIIII	(2)
1		Right Handle	(1)	50		Idler Gear	(2)
2		Left Handle	(1)	51		Drive Axle	(1)
3		Connector Block	(1)	52		Drive Gear	(1)
4		PCBA	(1)	53		M3 Washer	(2)
5		Switch	(1)	54	31-44-0246	Handle Set	(1)
6	31-52-0125	Reversing Lever	(1)	55	23-66-0875	Switch PCBA	(1)
7		Motor	(1)	56	14-50-0205	Motor Assembly	(1)
8		Pinion	(1)	57	10-20-4420	Fuel Guage Label	(1)
9	44-60-1530	Pin	(2)	59	10-15-0955	Warning Label	(1)
10		Service Nameplate Kit	(1)	60		M2.6 x 5 Screw	(1)
11		Plate	(1)	61	43-44-0075	Gasket	(1)
12		Ring Gear	(1)	★ 62	14-29-0158	Gearcase Assembly	(1)
13		Planet - 1st Stage	(7)	★ 63	43-64-0287	Cutter Head Assembly	(1)
14		Carriage - 1st Stage	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	64	42-70-0500	E Clip	\i\
15	42-70-0505	E Clip	(1)	65	40-50-0525	Clutch Spring	(1)
16		Carriage	(1)	66	40-50-0580	Carriage Spring	(2)
17		Snap Ring	\i\	67	42-70-0525	E Clip	\ 1 \
18		Bearing	\i\	68		Pin Pivot	(1)
19		Bevel Pinion	(1)	69	42-70-0058	Housing Connection Clip	(1)
20	22-06-0130	Fuel Gauge Assembly	\i\	70	06-82-2385	M2.6 x 14 Screw	(3)
21		Gearcase Housing	\i\	71	06-81-0005	M3.5 x 1.34 Screw	(4)
± 22	44-66-0827	Locking Plate	(1)	72	42-70-0550	E Clip	(2)
23		Lifter	\i\	73	36-10-0840	Cam Shaft	\ 1 \
24		Stop Pin	\i\	74	05-81-0245	4-40 x 5/8" Phillips Hd. Screw	3
25	23-28-0020	Service LED	\;\;\	75	34-40-1905	O-Ring	(1)
25 26	06-82-5268	4-40 x 3/8" Pan Hd. Slt. Tapt. T-10	(6)	★ 76	32-30-0161	Head Gear Spacer	\i\
27		Plate Cover	\ <u>i</u>	77	42-28-0075	Rubber Block	\i\
28		Bearing	(1)	79		Motor Mount	(1)
29	32-05-0205	Bevel Gear	\i\	80	40-50-0605	Torsion Spring	\i\
30	32-10-0240	Clutch Cam	\i\	82	43-72-0285	Roller Carriage Assembly	\i\
31		Bearing	\;\;\	84	42-55-2471	Carrying Case, Optional	\i\
32		Fixed Cam	\ <u>i</u> \	± 85	42-70-0625	E-Clip	\ \ 1\
33	44-10-0490	Stop Lever	\ <u>i</u> {	^00	72 70 0020	L Olip	(1)
34		Cutter Head - Left	\ <u>i</u> \		IV.	IILWAUKEE ELECTRIC TOOL CO	RPORATION
35	42-12-0210	Axle	\ <u>i</u> \		IV.		-
36	40-50-0585	Cutting Spring	\ 2 \			13135 W. Lisbon Road, Brookfie	
50	-0-00-0000	outing opining	(<i>~)</i>	I			Drwg. 1







WIRING SPECIFICATIONS							
Wire No.	Wire Color	Origin or Gauge	Length	Terminals, Connectors and 1 or 2 End Wire Preparation			
			Lengin				
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.