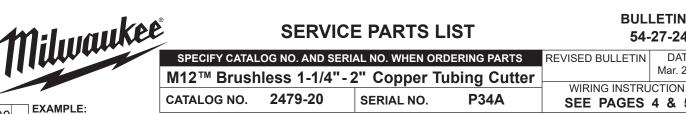
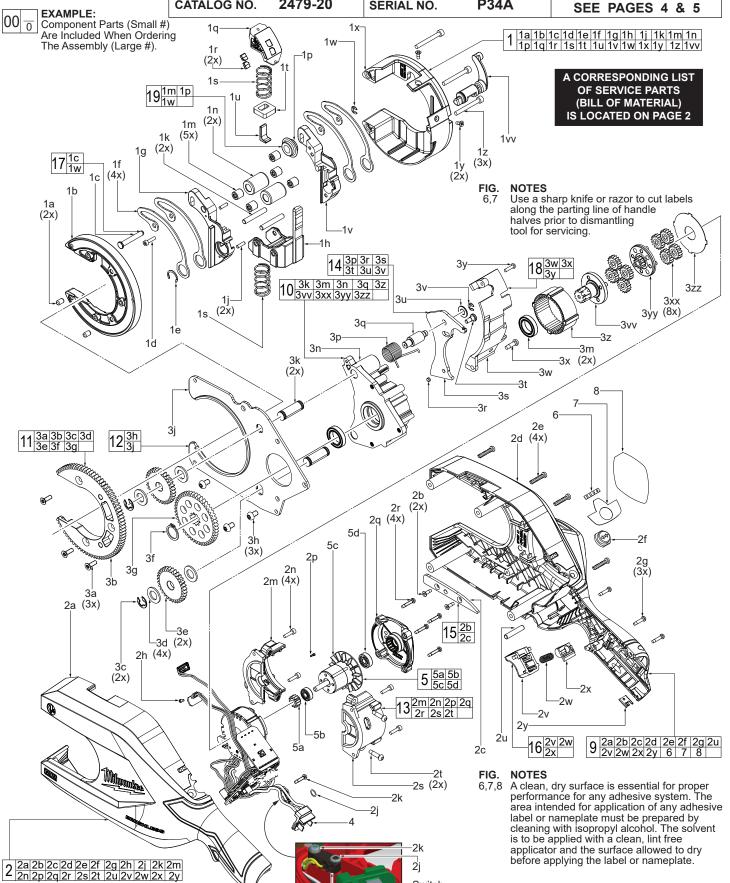
DATE Mar. 2024



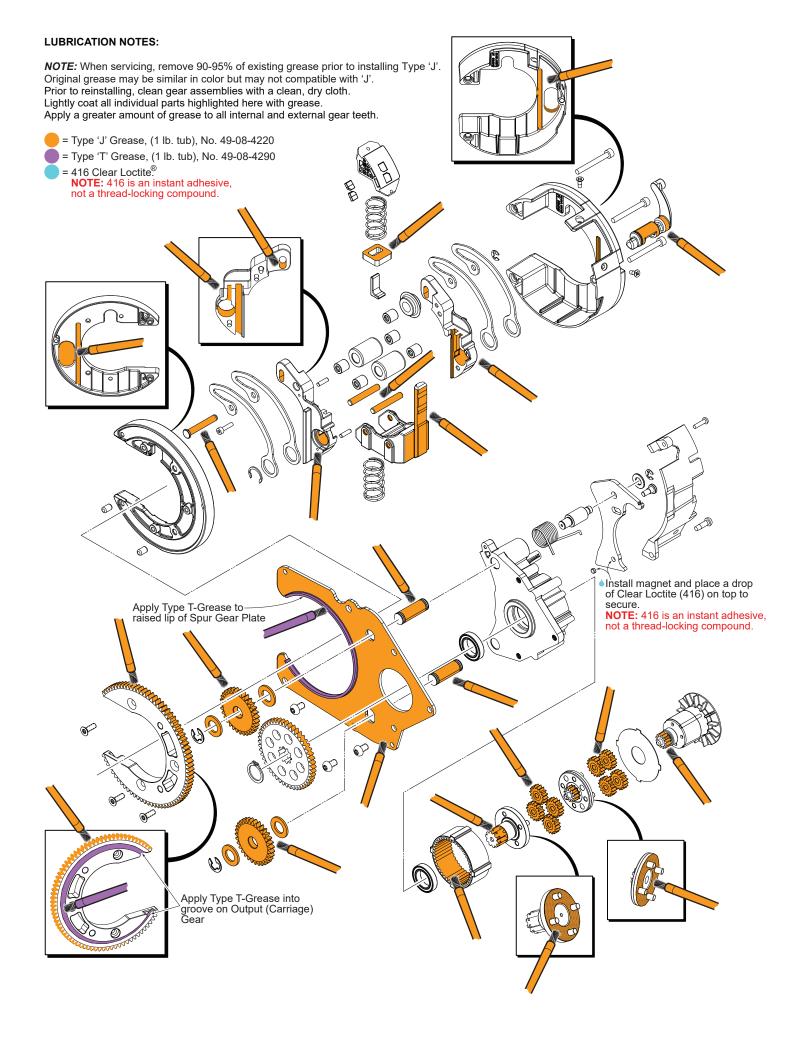


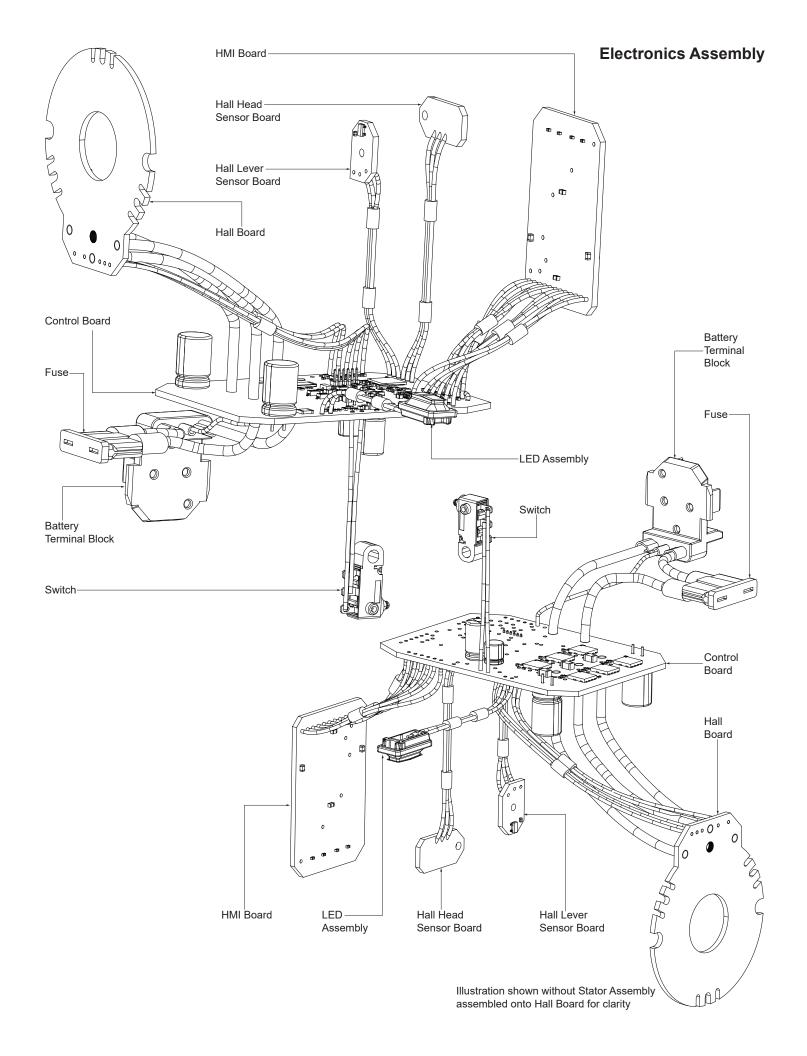
Switch

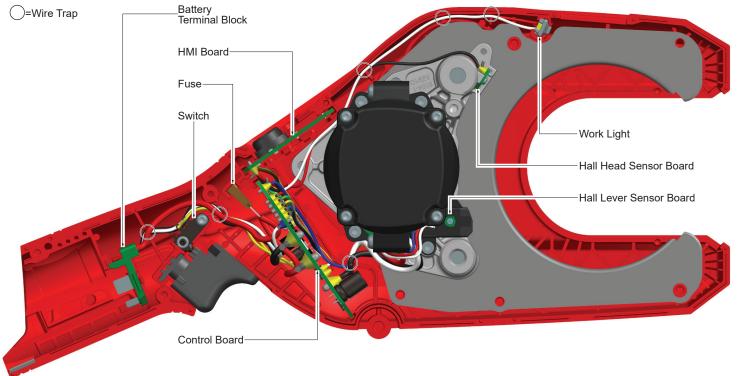
Battery Terminal Block-

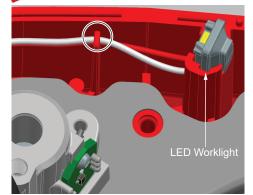
FIG.	PART NO.	DESCRIPTION OF PART N	10	REQ.	FIG.	PART NO.	DESCRIPTION OF PART NO	. REQ.
1	14-29-0064	2" Cutting Head Service Assembly		(1)	3a	05-78-0013	M4 x 12mm Flat Hd. T-20 Mach. Screw	
1a		Pin		(2)	3b		Output (Carriage) Gear	(1)
1b		Head Support		(1)	3c	42-70-5268	E-Ring	(2)
1c		Cutting Wheel Axle		(1)	3d	45-88-0841	Flat Washer	(4)
1d	06-82-9647	M3 x 12mm Cap Hd. Hex Dr. Mach. S		` '	3e		Idler Gear	(2)
1e		Retaining Clip		` '	3f	42-70-5272	C-Ring	(1)
1f		0 1		(1)		42-70-5272	9	` '
		Cutting Spring		(4)	3g		Input Gear	(1)
1g		Carriage - Right		(1)	3h		M5 x 8mm Pan Hd. T-25 Mach. Screw	(3)
1h		Roller Carriage with Stem		(1)	3j		Spur Gear Plate	(1)
1j		Pin		(2)	3k		Idler Gear Pin	(2)
1k		Roller Pin		(2)	3m		Deep Groove Ball Bearing	(2)
1m		Needle Roller Bearing		(5)	3n	40.50.0054	Gearbox	(1)
1n		Large Roller		(2)	3p	40-50-0954	Torsion Spring	(1)
1p		Cutting Wheel		(1)	3q		Locking Plate Pin	(1)
1q		Upper Spring Holder		(1)	3r		Magnet	(1)
1r		Magnet		(2)	3s		Reset Lever	(1)
1s		Carriage Spring		(2)	3t	05-80-0137	M4 x 6mm w/Boss Pan Hd. Phillips Scr.	. (1)
1t		Locking Plate		(1)	3u	45-88-0327	Washer	(1)
1u		Lifter		(1)	3v	34-60-0770	E-Ring	(1)
1v		Carriage - Left		(1)	3w		Opening Cover	(1)
1w	34-60-0770	E-Ring		(1)	3x	05-88-1360	M4 x 13.5mm Pan Hd. T-20 ST Screw	(1)
1x		Head Cover		(1)	3y	05-74-0501	M3 x 12mm Pan Hd. T-10 Mach. Scr.	(1)
1y	05-78-0088	M3 x 8mm Flat Hd. ST #2 Phillips Scr	r. ((2)	3z		Ring Gear	(1)
1z	05-74-0258	M4 x 35mm Cap Hd. Hex Dr. Mach. S	Sc.	(3)	3vv		Carrier Shaft	(1)
1vv		Cam Shaft		(1)	3xx		Planet Gear	(8)
2		Handle Halve and Motor Housing Ass		` '	3yy		Sun Gear	(1)
2a		Handle/Housing Halve - Support	•	(1)	3zz		Flat Washer	(1)
2b		M3 x 10mm Flat Hd. T-10 ST Screw		(2)	4	14-20-0223	Stator/Electronics Service Assembly	(1)
2c		Fixing Plate		(1)	5	14-50-2479	Rotor Service Assembly	(1)
2d		Handle/Housing Halve - Cover		(1)	5a		Motor Pinion	(1)
2e	45-04-1000	M4 x 18mm Pan Hd. T-15 Tapt. Screv		(4)	5b		Ball Bearing	(1)
2f		Rubber Mode Selector Button		(1)	5c		Rotor	(1)
2g	06-82-1080	M3 x 14mm Pan Hd. T-10 ST Screw		(3)	5d		Ball Bearing	(1)
2h		M2 x 5mm Pan Hd. T-6 Machine Scre		` '	6	10-22-1680	LED Label	(1)
2j	34-40-0089	O-Ring		(1)	7	10-22-1681	Mode Selector Label	(1)
2 _J		M3 x 14mm Pan Hd. T-10 ST Screw		(1)	8	12-20-0808	Service Nameplate	(1)
2m		Motor Housing Halve - Support		(1)	9	31-44-1014	Handle Halve/Motor Hsg. Service Kit	(1)
2m		M3 x 12mm Cap Hd. Hex Dr. Mach. S			10	14-29-0066	Gearbox Service Assembly	(1)
	05-71-0080	M1.7 x 5mm Pan Hd. ST Phillips Scre			11	14-46-0561	Gear Service Kit	. ,
2p		Back Cap			12	14-46-0334		(1)
2q		•		(1)			Spur Plate Service Kit	(1)
2r		M3 x 16mm Pan Hd. T-10 ST Screw		(4)	13	14-38-0760	Motor Housing Service Kit	(1)
2s	05.04.0000	Motor Housing Halve - Cover		(1)	14	14-46-0562	Reset Lever Service Kit	(1)
2t	05-81-0066	M4 x 16mm Pan Hd. T-15 ST Screw		(2)	15	14-46-0563	Fixing Plate Service Kit	(1)
2u		Pin		(1)	16	14-46-0564	Trigger Service Kit	(1)
2v	40.50.0404	Trigger		(1)	17	14-46-0568	Axle and E-Ring Service Kit	(1)
2w	40-50-0104	Switch Spring		(1)	18	14-46-0569	Opening Cover Service Kit	(1)
2x		Spring Housing		(1)	19	48-38-4257	Cutting Wheel with Bearing Assembly	(1)
2y	42-70-0058	Housing Connection Clip	((1)			(Accessory - Set of 2)	

SCREW TORQUE SPECIFICATIONS											
				SEAT TORQUE							
FIG.	PART NO.	DESCRIPTION OF FASTENER	WHERE USED	(lb-in)	(kgf-cm)						
1d	06-82-9647	M3 x 12mm Cap Hd. Hex Dr. Mach. Screw	Carriage - Right	13.0±1.3	15±1.5						
1y		M3 x 8mm Flat Hd. ST #2 Phillips Screw	Head Cover	4.3±0.4	5±0.5						
1z	05-74-0258	M4 x 35mm Cap Hd. Hex Dr. Mach. Screw	Head Cover	22.5±2.6	26±3						
2b		M3 x 10mm Flat Hd. T-10 ST Screw	Fixing Plate	9.5±0.9	11.2±1.1						
2e	45-04-1000	M4 x 18mm Pan Hd. T-15 Tapt. Screw	Handle/Housing Halve - Cover	13.8±1.3	16±1.6						
2g	06-82-1080	M3 x 14mm Pan Hd. T-10 ST Screw	Handle/Housing Halve - Cover	8.6±0.8	10±1						
2h		M2 x 5mm Pan Hd. T-6 Machine Screw	Hall Head Sensor Board	2.6±0.8	3±1						
2k		M3 x 14mm Pan Hd. T-10 ST Screw	Switch	4.3±0.4	5±0.5						
2n		M3 x 12mm Cap Hd. Hex Dr. Mach. Screw	Motor Housing Halves	7.8±0.8	9±1						
2p	05-71-0080	M1.7 x 5mm Pan Hd. ST Phillips Screw	Hall Lever Sensor Board	1.5±0.1	1.75±0.1						
2r		M3 x 16mm Pan Hd. T-10 ST Screw	Back Cap	8.6±0.8	10±1						
2t	05-81-0066	M4 x 16mm Pan Hd. T-15 ST Screw	Motor Housing Halve - Cover	21.6±1.7	25.2±2						
3a	05-78-0013	M4 x 12mm Flat Hd. T-20 Mach. Screw	Output Gear	30.3±3.4	35±4						
3h		M5 x 8mm Pan Hd. T-25 Mach. Screw	Spur Gear Plate	32.9±3.2	38±3.8						
3t	05-80-0137	M4 x 6mm w/Boss Pan Hd. Phillips Screw	Reset Lever	19.0±1.9	22±2.2						
3x	05-88-1360	M4 x 13.5mm Pan Hd. T-20 ST Screw	Opening Cover	9.5±0.8	11±1						
Зу	05-74-0501	M3 x 12mm Pan Hd. T-10 Mach. Screw	Opening Cover	8.6±0.8	10±1						
			· -								

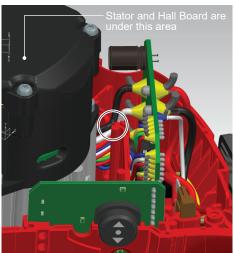








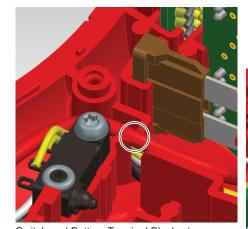
LED Worklight wire routing sequence. Place red in the bottom of trap with the white wire on top.



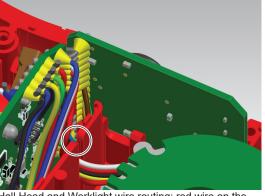
Stator and Hall Board wire routing sequence. Place thin wires in the bottom of trap and thick wires on top. NOTE: Stator and Hall Board are concealed under motor housing halves and cover



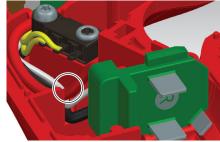
Hall Head Sensor wire routing sequence. Place red wire in bottom of trap followed by yellow wire and black wire. Place LED wires on top as shown.



Switch and Battery Terminal Block wires are routed as shown. Place red wire from terminal block on bottom of trap followed by black and white from terminal block. Next place the two yellow switch wires. Install the red terminal block wire on top to secure all wires in trap.



Hall Head and Worklight wire routing: red wire on the bottom, followed by yellow, black, red with white on top.



Battery Terminal Block wire routing sequence is black on the bottom, followed by the white wire. Place the red wire on top.