

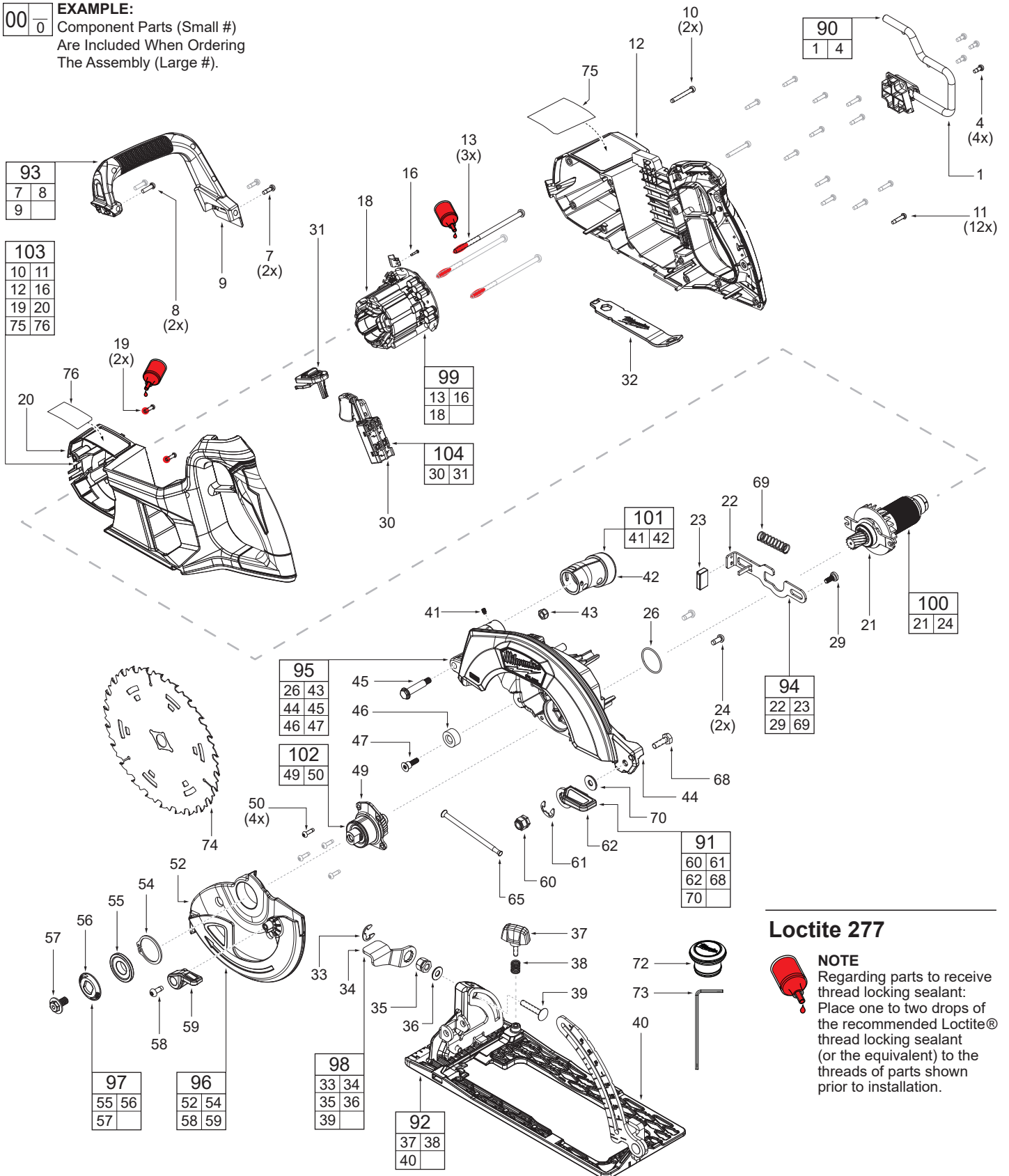


SERVICE PARTS LIST

BULLETIN NO.
PN0005520

SPECIFY CATALOG NO. AND SERIAL NO. WHEN ORDERING PARTS		REVISED BULLETIN	DATE
M18 FUEL™ Rear Handle 7-1/4" Circular Saw			Apr. 2025
CATALOG NO.	2930-20	WIRING INSTRUCTION	
SERIAL NO.	P85A	See Page 5	

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



Loctite 277



NOTE
Regarding parts to receive thread locking sealant: Place one to two drops of the recommended Loctite® thread locking sealant (or the equivalent) to the threads of parts shown prior to installation.

SERVICE BILL OF MATERIAL (BOM) LISTING

FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.	FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
1	-----	Rafter Hook	(1)	56	-----	Outer Flange	(1)
4	05-88-1220	M4 x 10mm Pan Hd. Torx T-20 Screw	(4)	57	-----	Blade Bolt	(1)
7	05-88-5375	M4 x 13.5mm Pan Hd. Torx T-20 Screw	(2)	58	06-82-5314	#10-24 Pan Hd. Torx T-25 Taptite Screw	(1)
8	05-74-0986	M4 x 15mm Pan Hd. Torx T-20 Screw	(2)	59	-----	Lower Guard Lever	(1)
9	-----	Secondary Handle	(1)	60	-----	Hexagon Nut	(1)
10	05-74-0023	M4 x 32mm Pan Hd. Torx T-20 Screw	(2)	61	-----	E-Ring	(1)
11	-----	#6-19 Torx T-15 Taptite Screw	(12)	62	-----	Depth Adjust Level	(1)
12	-----	Handle Cover	(1)	65	49-68-5212	Spring	(1)
13	-----	M5 x 105mm Pan Hd. Torx T-25 Screw	(3)	68	05-85-0056	M6 x 19mm Hex Head M Screw	(1)
16	45-88-0229	M2 x 10mm Pan Hd. Torx T-6 Screw	(1)	69	-----	Spindle Lock Spring	(1)
18	-----	Stator	(1)	70	-----	Washer	(1)
19	05-78-1010	M3 x 12mm Pan Hd. Torx T-10 Screw	(2)	72	06-67-4624	Dust Port Rubber Plug	(1)
20	-----	Handle Support	(1)	73	45-96-6334	M2 Hex Wrench	(1)
21	-----	Rotor	(1)	74	48-40-0740	Blade	(1)
22	-----	Spindle Lock	(1)	75	10-22-2930	Warning Label	(1)
23	-----	Spindle Lock Lever Cover	(1)	76	12-20-2930	Service Nameplate	(1)
24	05-74-1030	M5 x 12mm Pan Hd. Torx T-25 Screw	(2)	90	14-36-5887	Rafter Hook Assembly	(1)
26	02-02-0137	O-Ring	(1)	91	14-46-1233	Depth Adjust Kit	(1)
29	45-04-1224	M5 x 10mm Arbor Plate Screw	(1)	92	14-74-5227	Shoe Kit	(1)
30	-----	Switch	(1)	93	14-46-1213	Secondary Handle Kit	(1)
31	-----	Lock Slider	(1)	94	14-46-9841	Spindle Lock Kit	(1)
32	45-88-9320	Blade Bolt Wrench	(1)	95	14-32-8334	Upper Guard Assembly	(1)
33	-----	E-Ring	(1)	96	14-32-8348	Lower Guard Assembly	(1)
34	-----	Bevel Adjust Level	(1)	97	43-34-6229	Blade Nut and Flange Kit	(1)
35	-----	Hexagon Nut	(1)	98	14-46-1219	Bevel Adjustment Kit	(1)
36	-----	Washer	(1)	99	14-20-4993	Electronics Assembly	(1)
37	43-30-5581	Rip Fence Knob	(1)	100	23-40-2499	Inner Rotor Assembly	(1)
38	40-50-0650	Spring	(1)	101	14-46-1228	Dust Kit	(1)
39	-----	M6 x 33mm Bevel Screw	(1)	102	14-73-9876	Output Shaft Assembly	(1)
40	-----	Shoe Assembly	(1)	103	14-46-1214	Handle Cover Kit	(1)
41	-----	M4 Set Screw for Framer	(1)	104	23-66-0120	Switch Kit	(1)
42	-----	Dust Collection Outlet	(1)				
43	06-04-8412	Hexagon Nut	(1)				
44	-----	Upper Guard Gearcase	(1)				
45	06-14-0036	Pivot Shoulder Bolt	(1)				
46	42-38-0224	Rubber Bumper	(1)				
47	45-04-0485	M4 x 19mm Pan Hd. Torx T-20 Screw	(1)				
49	-----	Output Hub	(1)				
50	06-82-5285	6-32 Pan Hd. Torx T-15 B Screw	(4)				
52	-----	Lower Guard	(1)				
54	34-60-0177	External Retaining Ring	(1)				
55	-----	Inner Blade Flange	(1)				

FIG. 75,76 NOTES

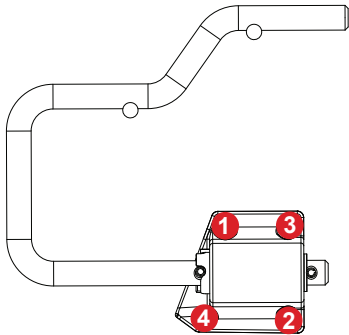
A clean, dry surface is essential for proper performance for any adhesive system. The area intended for application of any adhesive label or nameplate must be prepared by cleaning with isopropyl alcohol. The solvent is to be applied with a clean, lint free applicator and the surface allowed to dry before applying the label or nameplate.

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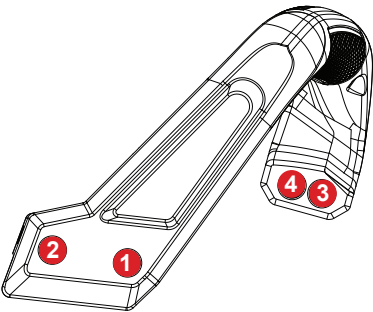
SCREW TORQUE SPECIFICATIONS

FIG.	PART NO.	DESCRIPTION OF FASTENER	QTY	WHERE USED	SEAT TORQUE	
					(kgf-cm)	(lb-in)
4	05-88-1220	M4 x 10mm Pan Hd. Torx T-20 Screw	4	Rafter Hook Base Plate (5)	12 ± 1	10 ± 1
7	05-88-5375	M4 x 13.5mm Pan Hd. Torx T-20 Screw	2	Secondary Handle (9)	12 ± 1	10 ± 1
8	05-74-0986	M4 x 15mm Pan Hd. Torx T-20 Screw	2	Secondary Handle (9)	11 ± 1	9.5 ± 1
10	05-74-0023	M4 x 32mm Pan Hd. Torx T-20 Screw	2	Handle Cover (12)	15 ± 1	13 ± 1
NOTE - Screw driver speed is lower than 800RPM						
11	-----	#6-19 Torx T-15 Taptite Screw	12	Handle Cover (12)	13 ± 2	11 ± 1
13	-----	M5 x 105mm Pan Hd. Torx T-25 Screw	3	Stator (18)	18 ± 2	16 ± 1
16	45-88-0229	M2 x 10mm Pan Hd. Torx T-6 Screw	1	Stator (18)	2.5 ± 0.2	2.2 ± 0.2
19	05-78-1010	M3 x 12mm Pan Hd. Torx T-10 Screw	2	Handle Support (20)	10 ± 1	9 ± 1
24	05-74-1030	M5 x 12mm Pan Hd. Torx T-25 Screw	2	Rotor Retaining Plate (25)	30 ± 3	26 ± 3
29	45-04-1224	M5 x 10mm Arbor Plate Screw	1	Spindle Lock (22)	21 ± 2	18 ± 2
30	-----	Switch (Screws in Switch)	1	Switch with Lock Slider (31)	10 ± 1	9 ± 1
35	-----	Hexagon Nut	1	Shoe Assembly (40) - Bevel Adjustment	22 ± 1	19 ± 1
41	-----	M4 Set Screw for Framer	1	Dust Collection Outlet Nozzle (42)	15 ± 1	13 ± 1
NOTE - Us corner screwdriver, only travel 4 rotations						
45	06-14-0036	Pivot Shoulder Bolt	1	Upper Guard Gearcase (44)	22 ± 2	19 ± 2
47	45-04-0485	M4 x 19mm Pan Hd. Torx T-20 Screw	1	Upper Guard Gearcase (44)	35 ± 3	30 ± 3
50	06-82-5285	6-32 Pan Hd. Torx T-15 B Screw	4	Output Hub (49)	17 ± 3	15 ± 3
57	-----	Blade Bolt	1	Outer Flange (56)	10 ± 1	9 ± 1
58	06-82-5314	#10-24 Pan Hd. Torx T-25 Taptite Screw	1	Lower Guard Lever (59)	35 ± 3	30 ± 3
60	-----	Hexagon Nut	1	Depth Adjust Level (62)	40 ± 4	35 ± 3

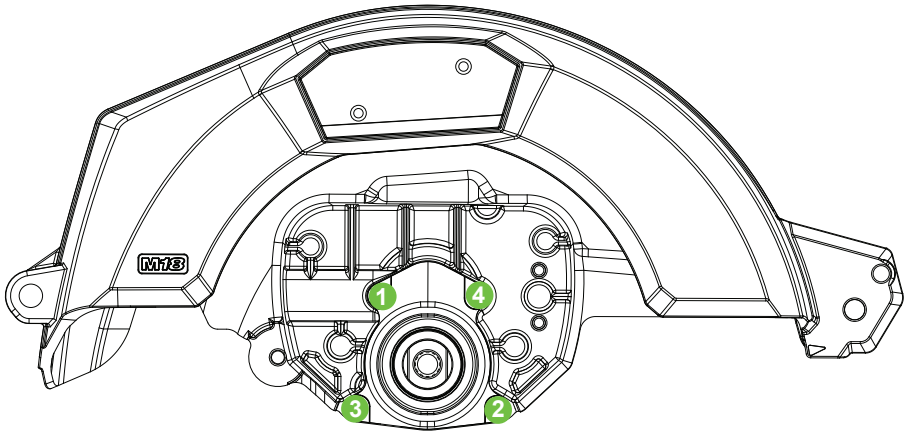
HOUSING SCREWS - FASTENING ORDER



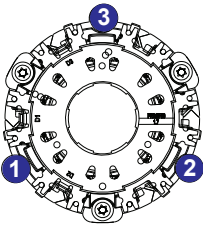
Rafter Hook (1)



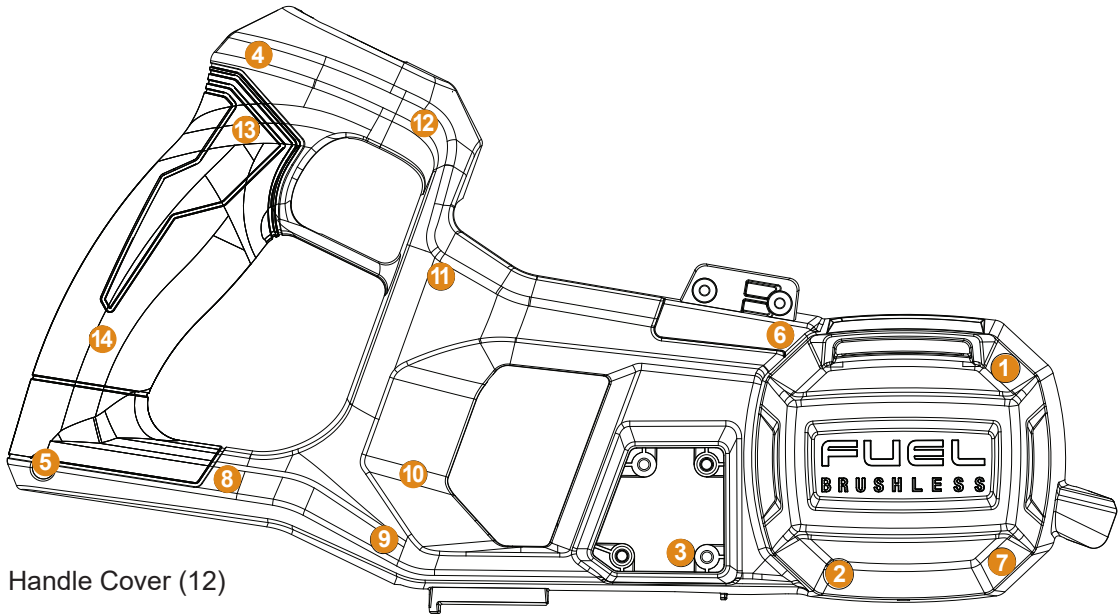
Secondary Handle (9)



Upper Guard Gearcase (44)

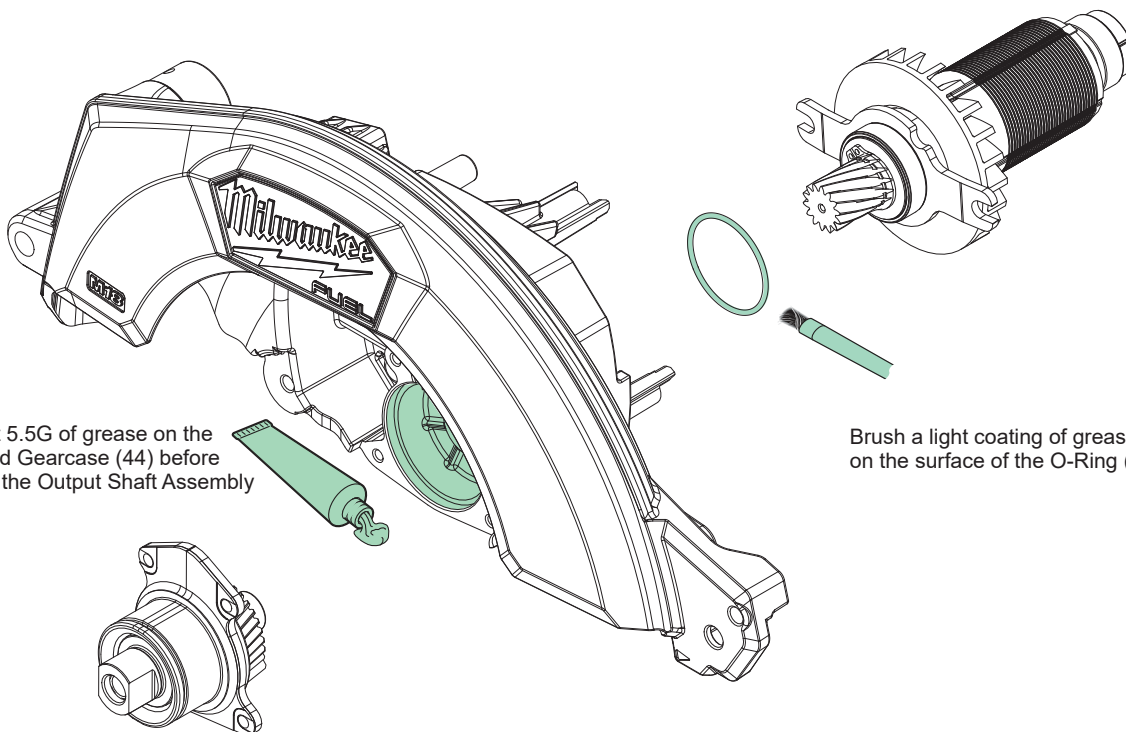


Stator (18)



Handle Cover (12)

LUBRICATION INSTRUCTIONS



Apply about 5.5G of grease on the Upper Guard Gearcase (44) before assembling the Output Shaft Assembly

Brush a light coating of grease (about 0.05G) on the surface of the O-Ring (26)

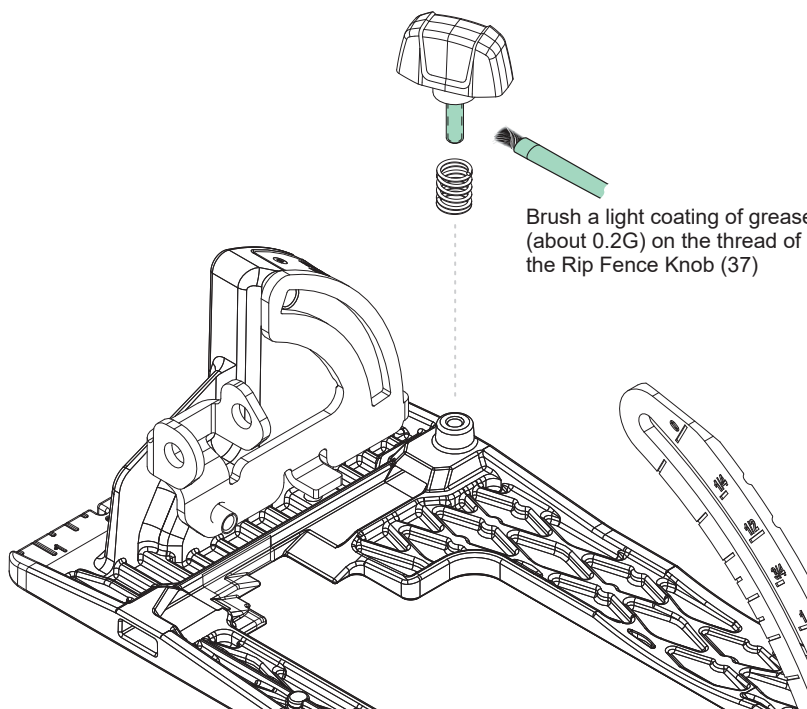
4

► Type "J" Grease

No. 49-08-4220, 1 lb can

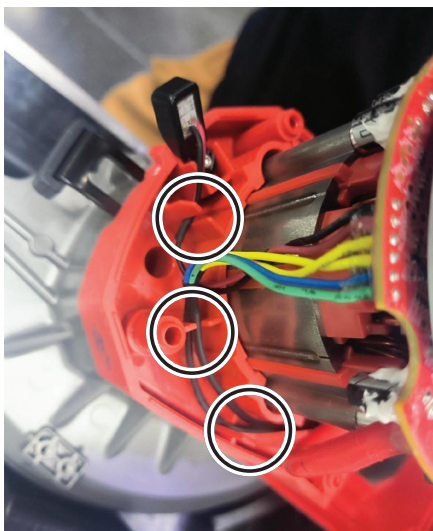
Apply thin coat of grease to areas indicated.

NOTE: When servicing, remove 90-95% of the existing grease prior to installing Type "J". Original grease may be similar in color but not compatible with "J".



Brush a light coating of grease (about 0.2G) on the thread of the Rip Fence Knob (37)

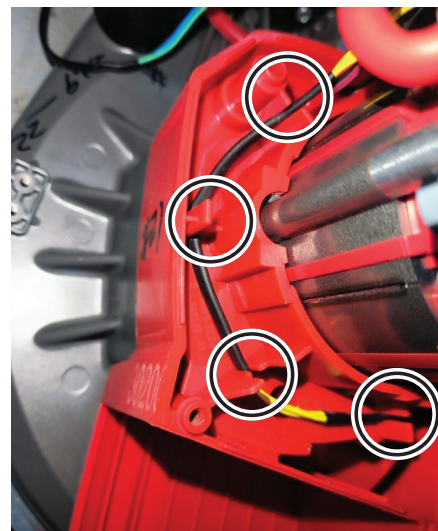
WIRING INSTRUCTIONS



1) Press the **LED Wire** into the housing traps and grooves.



2) Press the **Switch Wire** into the housing traps and grooves.



3) Press the **Switch Wire** into the housing traps and grooves around the stator.



4) Press the **Colored Wire** into the housing traps and grooves around the stator.



5) Press the **Colored Wire** into the housing traps and grooves as shown above.



6) Closeup of Battery Terminal Block and wires.



7) Press **Red Wire** into housing groove (on top of colored wires).



7) Press **Black Wire** into housing groove on top of the Red Wire.

WARNING

- Take notice of wire routing and position in wire guides and traps while dismantling tool.
- Be sure that all components of the electronics kit are seated firmly and squarely in housing recesses.
- Avoid pinched wires, be sure all wires and sleeves are pressed completely down in wire guides and traps.
- Prior to installing housing cover onto handle support, be sure that there are no interferences.
- Be sure to check for C functionality of switches and buttons after housing halves have been secured.