



SERVICE PARTS LIST

BULLETIN NO.
54-49-2880

SPECIFY CATALOG NO. AND SERIAL NO. WHEN ORDERING PARTS

REVISED BULLETIN

DATE
Jan. 2024

M18™ Brushless Telescoping Pole Pruning Shears

WIRING INSTRUCTION

See Page 6 and 7

CATALOG NO.

3008-20

SERIAL NO.

P33A

EXAMPLE:

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

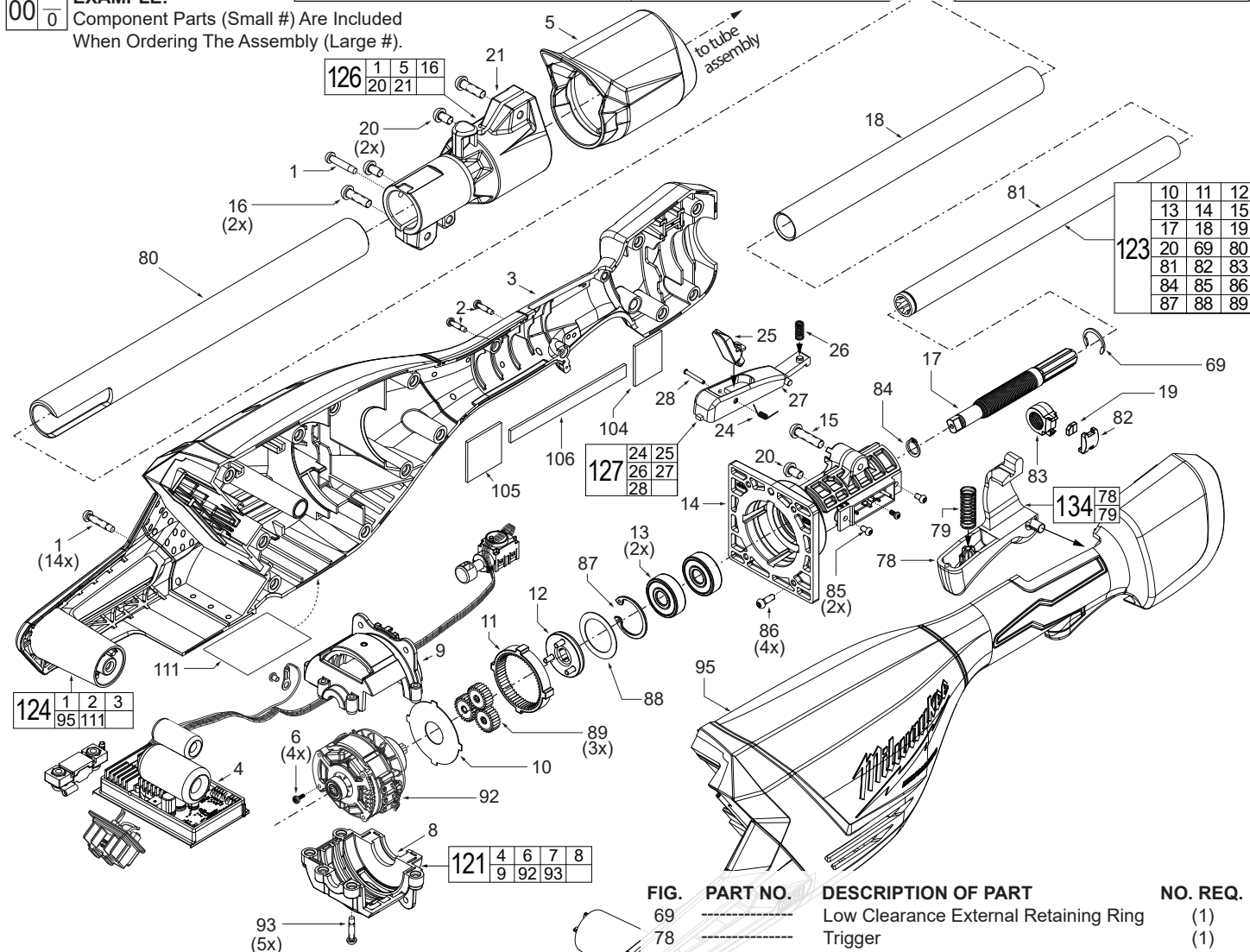


FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
1	06-82-0011	M4 x 1.411 Pan Hd. T-20 Screw	(15)
2	06-82-1087	M3 x 12mm ST Screw	(2)
3	-----	Power Head Housing - Cover	(1)
4	-----	PCBA	(1)
5	45-12-0036	Rubber Boot	(1)
6	05-88-5375	M2 x .89 PT Screw	(4)
8	-----	Motor Cage - Cover	(1)
9	-----	Motor Cage - Support	(1)
10	-----	Ring Gear Washer	(1)
11	-----	Ring Gear	(1)
12	-----	Carrier	(1)
13	-----	Clutch Ball Bearing	(2)
14	-----	Gearcase Inline Limit	(1)
15	05-78-0033	M5 x 20mm Machine Screw	(1)
16	06-82-2873	M5 x .8 Pan Head T-25 Machine Screw	(2)
17	-----	Output Shaft	(1)
18	-----	Rear Handle Spline Bushing	(1)
19	-----	Magnet	(1)
20	05-78-0029	M5 x 8mm Machine Screw	(1)
21	-----	Tube Clamp	(1)
24	45-96-1001	Trigger Spring	(1)
25	-----	Lock-Off Toggle	(1)
26	40-50-0373	Two-Action Lever Spring	(1)
27	-----	Lock-Out Trigger	(1)
28	-----	Rivet Pin	(1)

FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
69	-----	Low Clearance External Retaining Ring	(1)
78	-----	Trigger	(1)
79	40-50-0374	Trigger Spring	(1)
80	-----	Motor Drive Shaft	(1)
81	-----	Spline Sleeve	(1)
82	-----	Limit Nut Bushing	(1)
83	-----	Limit Nut	(1)
84	34-80-1120	Retaining Ring	(1)
85	05-88-0928	M3 x .5 Machine Screw	(2)
86	05-81-1190	M3.5 Screw	(4)
87	34-60-0133	Retaining Ring	(1)
88	-----	CW Shim	(1)
89	-----	Planet Gear	(3)
92	-----	Rotor Assembly	(1)
93	06-82-2368	M3.5 x 1.27 Pan Hd. T-10 Screw	(1)
95	-----	Power Head Housing - Support	(1)
104	-----	Rubber Foam	(1)
105	-----	Rubber Foam	(1)
106	-----	Rubber Foam	(1)
111	12-20-0404	Service Nameplate	(1)
121	14-46-0721	Motor Service Assembly	(1)
123	14-46-0722	Gearbox Service Assembly	(1)
124	14-46-0726	Power Head Housing Service Kit	(1)
126	14-46-0723	Couplers to Pole Service Kit	(1)
127	31-92-0013	Trigger Lock-Off Service Kit	(1)
134	14-46-0725	Trigger Service Kit	(1)

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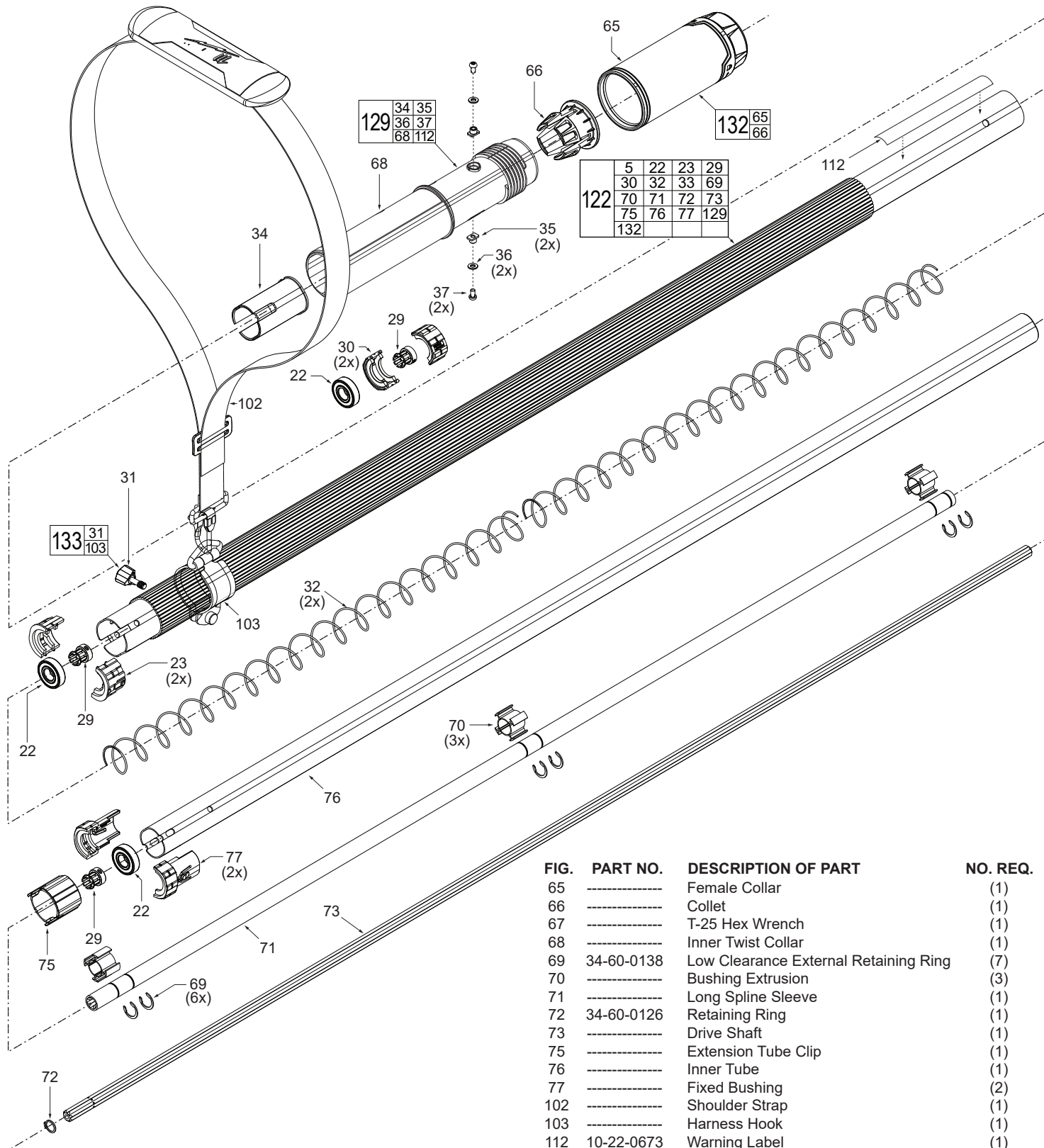


FIG.	PART NO.	DESCRIPTION OF PART
22	-----	Output Ball Bearing
23	-----	Fixed Bushing
29	-----	Bearing Clip
30	-----	Floating Bushing
31	-----	Knob
32	-----	Telescoping Spring
33	-----	Outer Tube Assembly
34	-----	Lower Pole Bushing
35	-----	Screw Sleeve
36	45-88-0230	Washer
37	05-78-0038	M4 x .7 Pan Hd. T-20 Screw
38	05-78-0032	M5 x 13mm Machine Screw

NO. REQ.
(1)
(1)
(3)
(2)
(2)
(1)
(1)
(1)
(1)
(2)
(2)
(2)
(1)

FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
65	-----	Female Collar	(1)
66	-----	Collet	(1)
67	-----	T-25 Hex Wrench	(1)
68	-----	Inner Twist Collar	(1)
69	34-60-0138	Low Clearance External Retaining Ring	(7)
70	-----	Bushing Extrusion	(3)
71	-----	Long Spline Sleeve	(1)
72	34-60-0126	Retaining Ring	(1)
73	-----	Drive Shaft	(1)
75	-----	Extension Tube Clip	(1)
76	-----	Inner Tube	(1)
77	-----	Fixed Bushing	(2)
102	-----	Shoulder Strap	(1)
103	-----	Harness Hook	(1)
112	10-22-0673	Warning Label	(1)
122	14-46-0729	Extension Tube Service Assembly	(1)
129	14-46-0727	Male Collar Service Kit	(1)
132	14-46-0728	Twist Collar Service Kit	(1)
133	43-75-0028	Harness Hook Service Kit	(1)

SCREW TORQUE SPECIFICATIONS ARE ON PAGE 5

FIG. NOTES

- 112 A clean, dry surface is essential for the 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 any label or nameplate.

00 0

EXAMPLE:

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

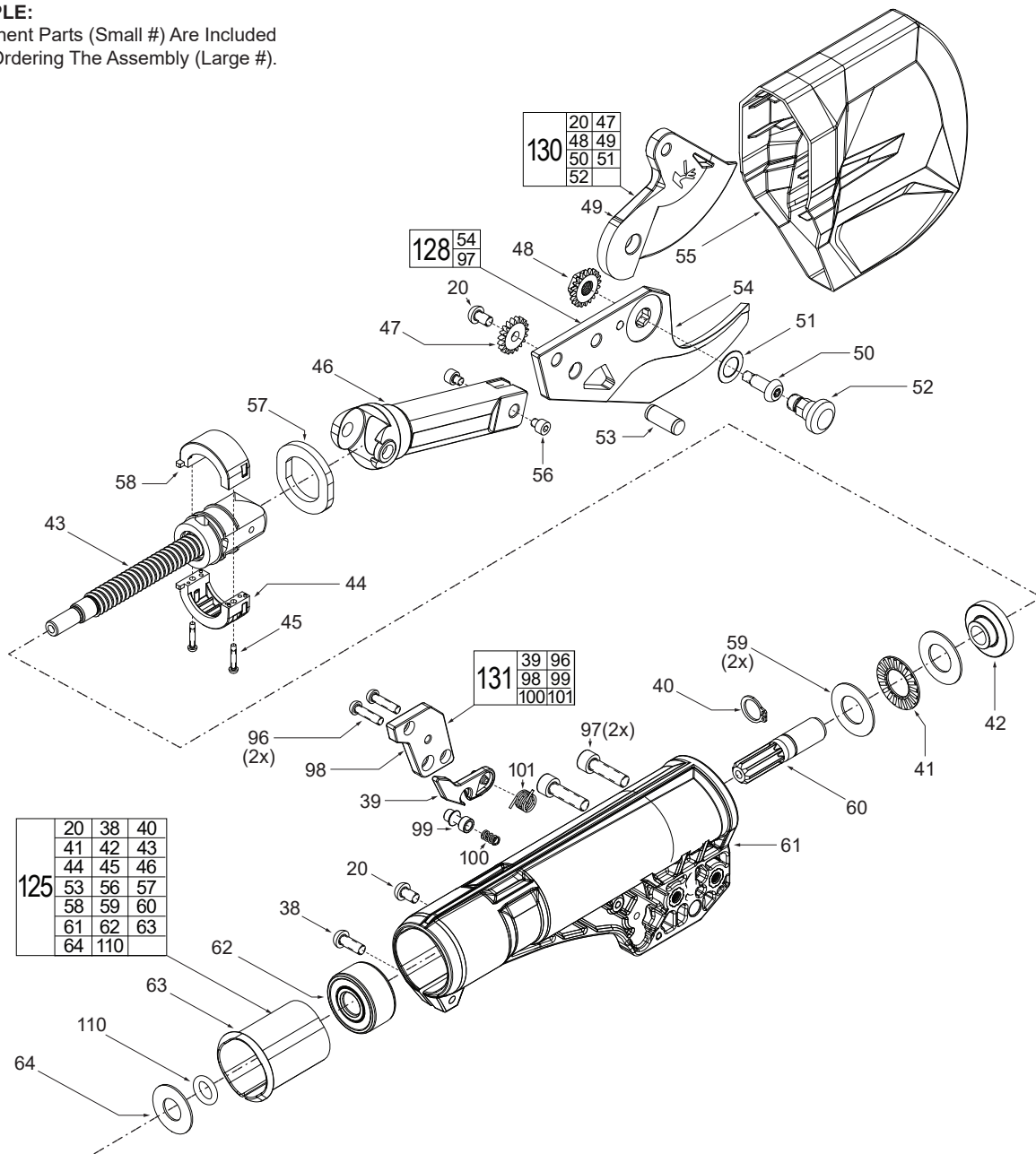
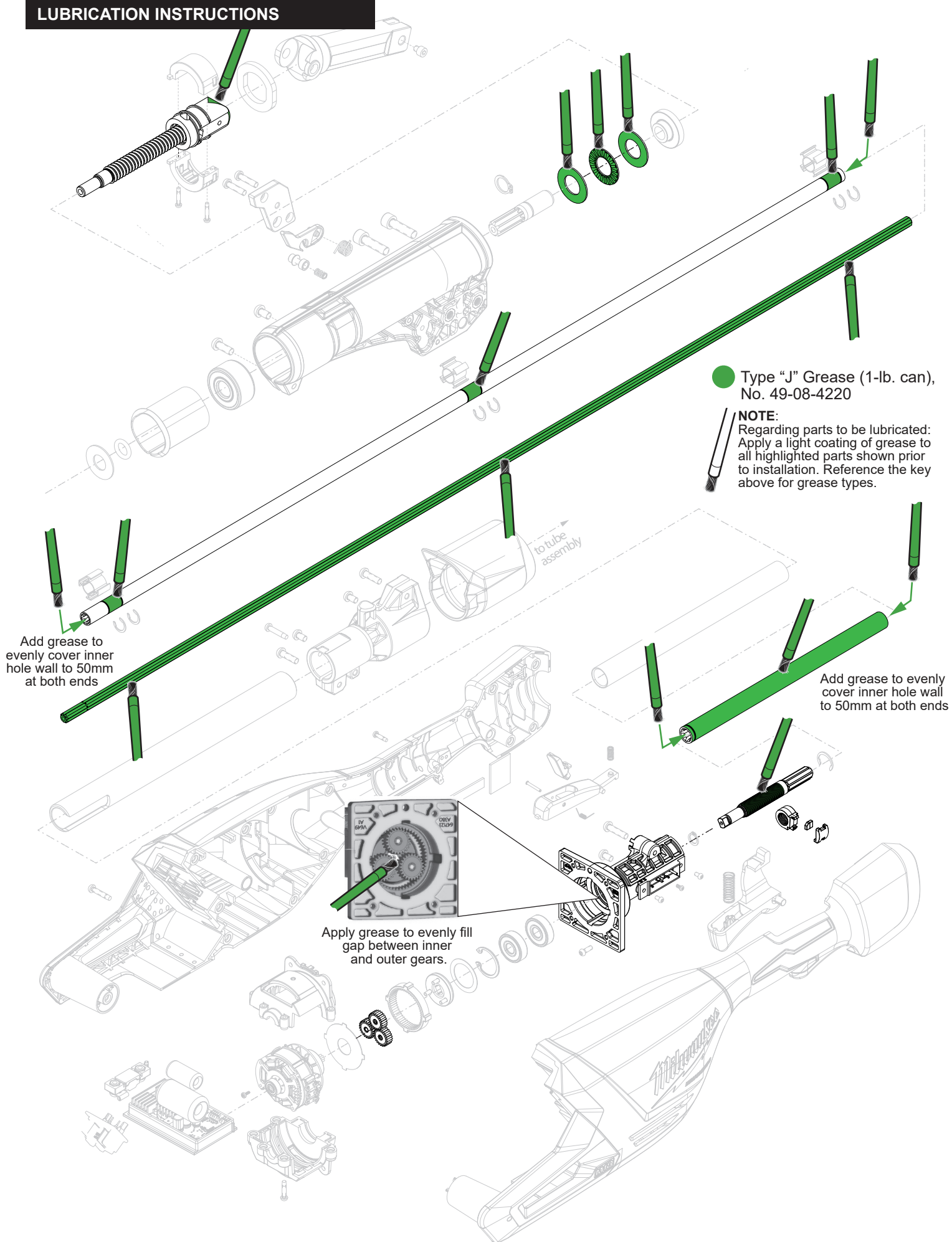


FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
20	05-78-0029	M5 x 8mm Pan Hd. T-25 Machine Screw	(1)
39	-----	Branch Hook	(1)
40	34-60-0132	Retaining Ring	(1)
41	-----	Thrust Bearing	(1)
42	-----	Press Bushing	(1)
43	-----	Ball Screw Assembly	(1)
44	-----	Ball Nut Bushing	(1)
45	-----	M2.6 x 14mm T-8 CH Screw	(2)
46	-----	Linkage Assembly	(1)
47	45-88-0316	Washer	(1)
48	44-40-0018	Nut	(1)
49	-----	Cutting Blade	(1)
50	05-74-0762	M5 x .8 Torx Recess Machine Screw	(1)
51	45-88-0317	Washer	(1)
52	06-14-0041	Blade Bolt	(1)
53	-----	Blade Pin	(1)
54	-----	Stationary Blade	(1)
55	31-15-0321	Blade Cover	(1)
56	05-78-0111	M4 x 4mm Hex Screw	(2)
57	-----	Ball Screw Dust Ring	(1)
58	-----	Ball Nut Bushing	(1)
59	45-88-0284	Washer	(2)

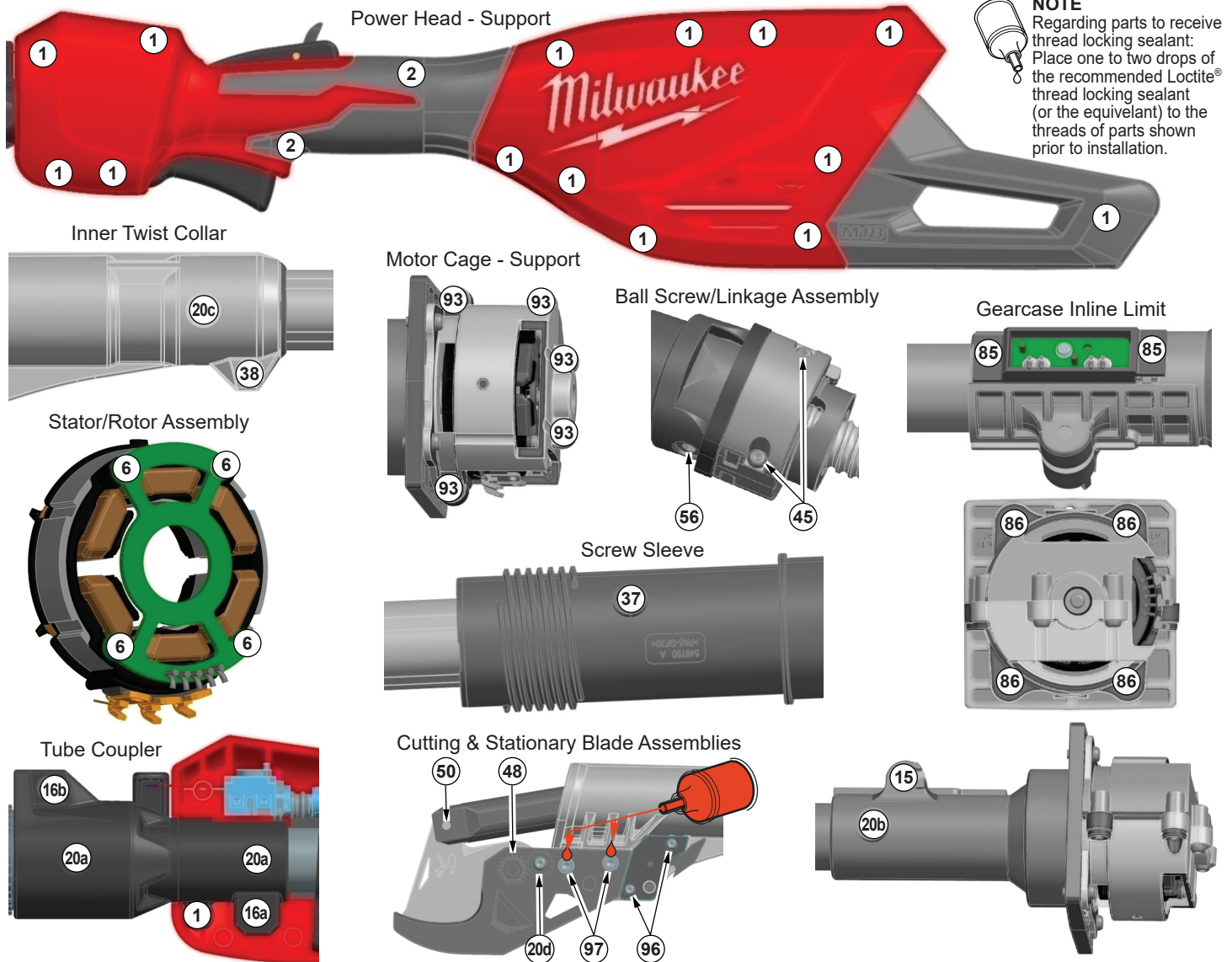
FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
60	-----	Output Pinion	(1)
61	-----	Cutting Head Frame	(1)
62	-----	Double Row Bearing	(1)
63	-----	Coupler Bushing	(1)
64	45-88-0318	Washer	(1)
96	05-74-7130	M4 x .7 Pan Hd. T-20 Machine Screw	(2)
97	05-74-0015	M6 x 1 CH T-30 Machine Screw	(2)
98	-----	Branch Hook Cover Plate	(1)
99	-----	Button	(1)
100	-----	Hook Button Spring	(1)
101	-----	Branch Hook Torsion Spring	(1)
110	-----	Rubber O-Ring	(1)
125	14-46-0733	Cutting Head Service Assembly	(1)
128	14-46-0734	Stationary Blade Service Kit	(1)
130	14-46-0732	Cutting Blade Service Kit	(1)
131	14-46-0731	Branch Hook Service Kit	(1)

SCREW TORQUE SPECIFICATIONS ARE ON PAGE 5

LUBRICATION INSTRUCTIONS



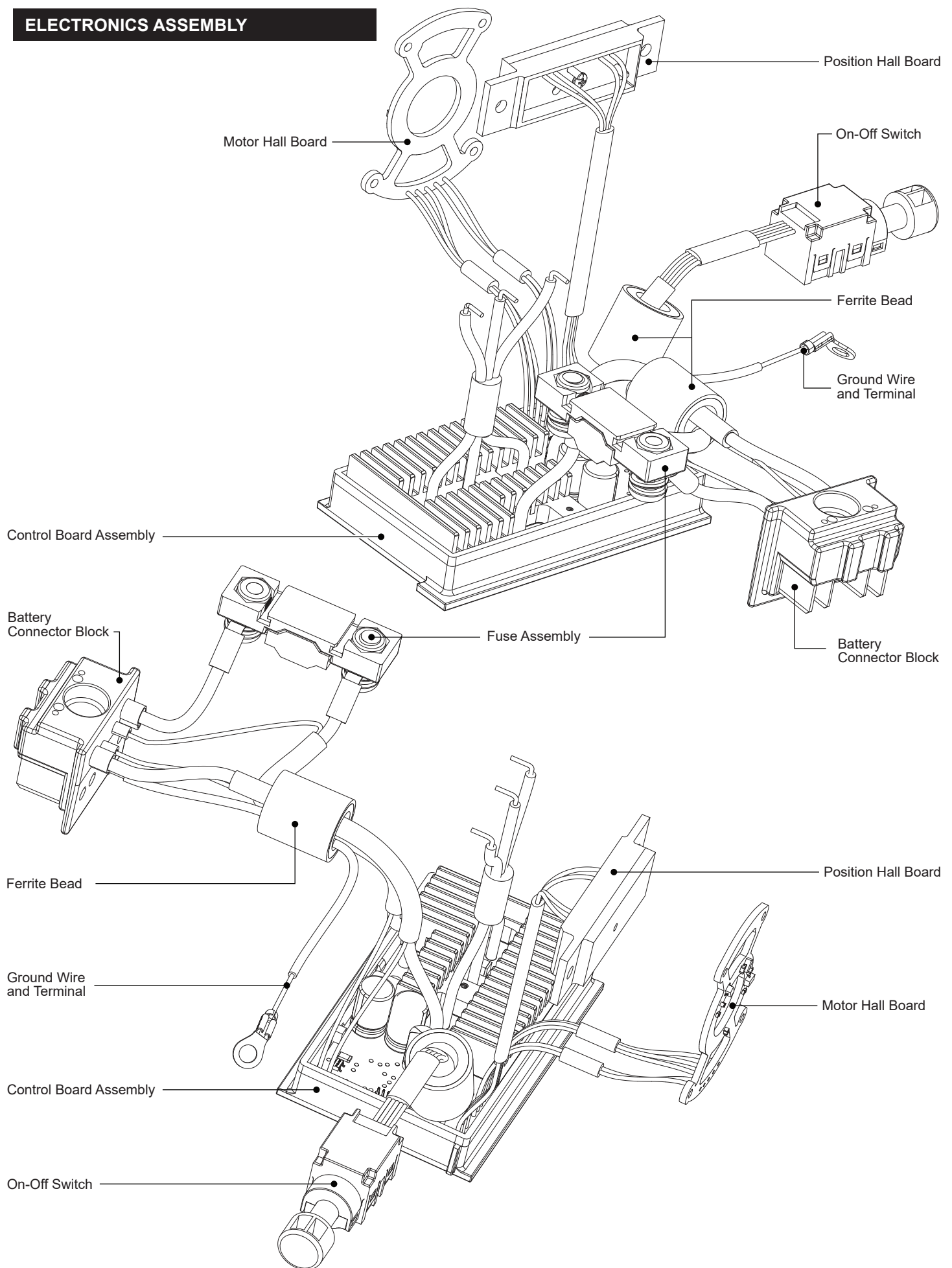
TORQUE SPECS



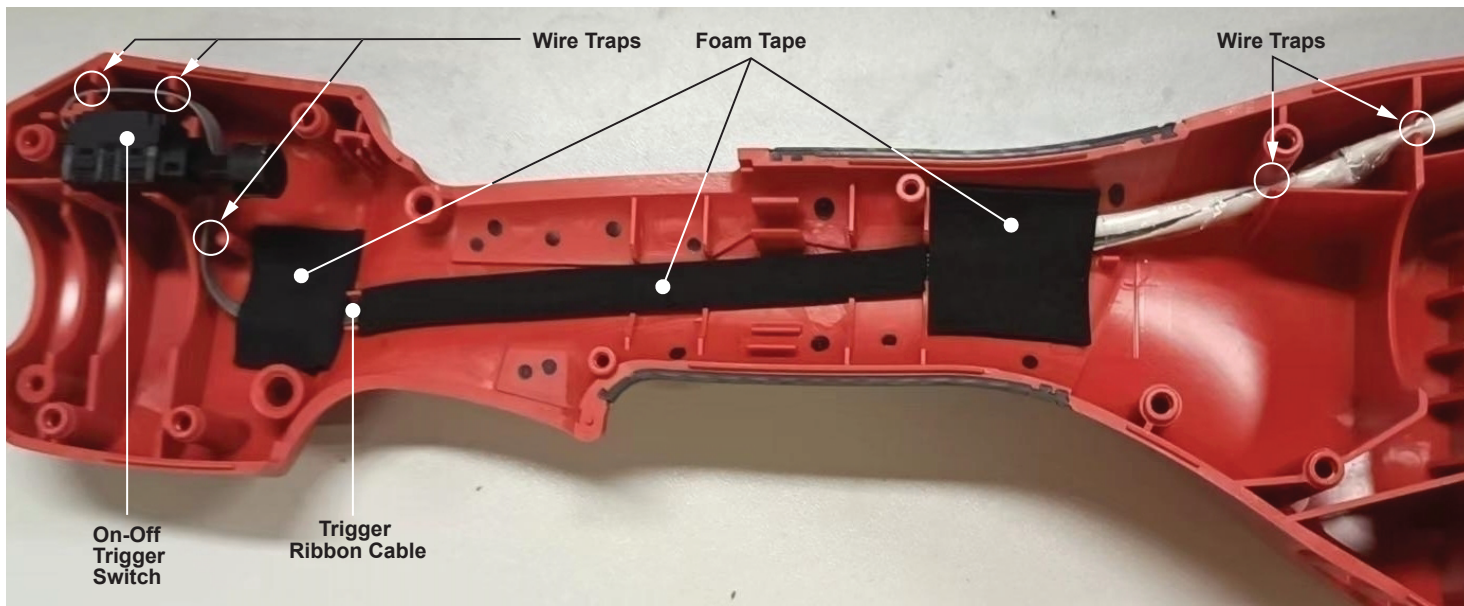
SCREW TORQUE SPECIFICATIONS

FIG.	PART NO.	DESCRIPTION OF FASTENER	WHERE USED	SEAT TORQUE	
				(kgf-cm)	(lb-in)
1	06-82-0011	M4 x 1.411 Pan Hd. T-20 ST Screw	Power Head - Support	20-24	17-21
2	06-82-1087	M3 x 12mm Screw	Power Head - Support	6-7	5-6
6	-----	M2 x .89 PT Screw	Stator/Rotor Assembly	3	3
15	05-78-0033	M5 x 20mm Machine Screw	Gearcase Inline Limit	32-38	28-33
16-a	06-82-2873	M4 x .8 Hd. T-25 Machine Screw	Tube Coupler	32-38	28-33
16-b			Tube Coupler	45-55	39-48
20-a	05-78-0029	M5 x 8mm Machine Screw	Tube Coupler	20-25	17-22
20-b			Gearcase Inline Limit	20-25	17-22
20-c			Cutting Head Frame	20-25	17-22
20-d			Stationary Blade Washer	55-60	48-52
37	05-78-0038	M4 x .7 Pan Hd. T-20 Machine Screw	Screw Sleeve	15-20	13-17
38	05-78-0032	M5 x 13mm Machine Screw	Frame	47-57	41-49
45	06-82-2385	M2.6 x 14mm Pan Hd. T-8 ST Screw	Ball Nut Bushing	5-6	4-5
48	44-40-0018	Nut	Blade Bolt	35-40	30-35
50	05-74-0762	M5 x .8 Torx Recess Machine Screw	Linkage Assembly	65-70	56-61
56	05-78-0111	M4 x 4mm Hex Hd. Screw	Linkage Assembly	18-22	16-19
85	05-74-0144	M3 x .5 Machine Screw	Gearcase Inline Limit	7-9	6-8
86	05-81-1190	M3.5 Screw	Gearcase Inline Limit	10-12	9-10
93	06-82-2368	M3.5 x 1.27 Pan Hd. T-10 ST Screw	Motor Cage Support	12-15	10-13
96	05-74-7130	M4 x .7 Pan Hd. T-20 Machine Screw	Hook Over	20-25	17-22
97	05-74-0015	M6 x 1 CH T-30 Machine Screw	Stationary Blade	110-120	95-104

ELECTRONICS ASSEMBLY

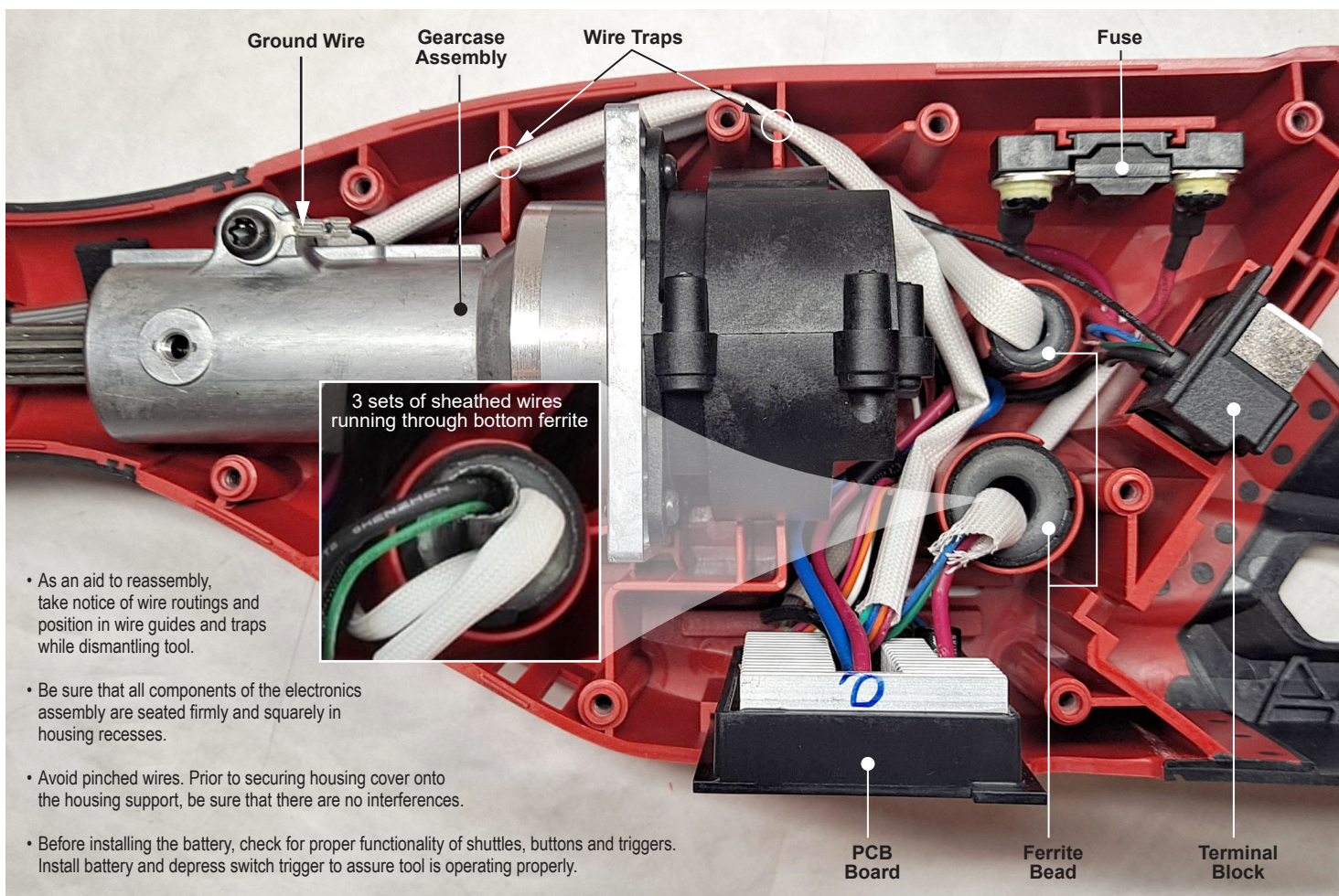


WIRE ROUTING



1. Route Trigger Switch wires in wire traps as shown. Be sure to push wires completely down in traps. Place trigger ribbon cable in cable channel and secure with foam tape. Install Trigger Switch firmly and squarely in switch cavity of the Power Head Housing Support.

2. Prior to installing the Electronics and Gearcase Assemblies, continue to route trigger ribbon cable through cable channels of Power Head Housing Support. Be sure the ribbon cable is pressed flat in channel, (Not lifting onto ribbed surfaces causing wire pinching). Secure the trigger ribbon cable with foam tape as shown.



3. Place Electronics and Gearcase Assemblies into Housing Support. Route Trigger Ribbon and Ground Wire through the wire traps shown, being sure wires are fully seated in wire traps and are not falling out.

4. Install all components firmly and squarely in corresponding cavities of the Power Head Housing Support. Route all wires as shown being sure those placed in wire traps are pressed completely down in bottom of traps. Tuck all excess wires down into handle cavities to avoid pinching when the Power Head Housing Cover is installed.