

FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
1	42-26-0023	24" Blade Assembly	1
2	42-40-0019	Bushing	2
3	05-75-0012	M5 x 0.8 x 30, 4mm Hex Cap Screw	2
4		Hand Guard	1
5	43-62-0016	Bail Handle	1
6	31-15-0032	Gear Case Cover	1
7	05-88-1210	M4 x 0.7 x 14 Pan Hd. T-20 Machine Screw	v 16
8	42-92-0009	Gear Cover	1
12a	42-86-0101	Connecting Plate	1
12b	42-86-0101	Connecting Plate	1
23		Right Motor Housing Insulator - Support	1
24		Left Motor Housing Insulator - Cover	1
25	06-82-3006	M4 x 1.4 x 18 Pan Hd. ST T-20 Security	or 4
26	14-20-0036	Electronic Assembly	1
26a		Battery Connector Block Assembly	1
26b		Switch Assembly	1
26c		PCBA	1
26d		Stator Assembly	1
28	40-50-4520	Lock-Off Spring	1
29	05-74-0480	M5 x 0.8 x 25, 4mm Hex Cap Screw	2
30	42-42-0011	Lock-Off Button	1
31	31-92-0016	Switch Trigger	1
32		Right Housing Assembly - Cover	1
33		Left Housing Assembly - Support	1
34	05-88-1200	M4 x 1.4 x 16 Pan Hd. ST T-15 Screw	8

FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
35	49-62-0010	Blade Sheath	1
36	12-20-0086	Service Nameplate	1
37	10-20-1041	Caution Label	1
38	45-06-0026	Felt Seal	1
40	31-44-2726	Housing Kit	1
42	31-50-2712	Motor Insulator Kit	1
43	14-29-0011	Gear / Crank Shaft Assembly	1
44	43-54-0099	Hand Guard Kit	1
45	14-30-0011	Gear Case / Rotor Assembly	1

FIG. NOTE:

5 Dimples of Bail Handle (5) must face to the front of the tool.

- 26d Be sure to position the grooves in the Stator Assembly (26b) on the ribs in the inside cavities of Motor Insulator Halves (23,24).
- 38 See page two for proper location and orientation of Felt Seal (38).
- 44 Hand Guard Kit (44) must be installed prior to Housing Kit (40) being secured with screws (29).
- 45 Do not attempt to remove the rotor from the Gear Case / Rotor Assembly (45).





LUBRICATION White Lithium Grease

NOTE:

When servicing the tool, 90-95% of the old grease must be removed prior to new grease being added.



Apply a heavy coat of grease around the perimeter of the gear, being sure to cover all gear teeth (approx. 3 grams).

Apply a heavy coat of grease to the motor pinion, being sure to cover all the pinion teeth (approximately 3 grams).

Apply a thick film of grease to the entire connecting rod, including the walls of the ID, (2 pieces). Apply a thick coat of grease to the corresponding contact area of the crank shaft (approximately 2 grams).

Apply a thick coat of grease to the blade assembly where there is contact with the connecting rods (approx. 2 grams).

NOTE: <u>DO NOT</u> over lubricate tool! Too much grease can cause grease discharge through the gear case.





- Attach the Motor Insulator Assembly, containing the Stator (26d), to the Gear Case /Rotor Assembly (45). Place that assembly firmly and squarely in the Housing Support (33).
- Place the PCBA (26c), Switch (26b) and Battery Connector Block Assembly (26a) firmly and squarely in the corresponding cavities in the Housing Support (33).
- Route the wires as shown, being sure to push the wires firmly down into the traps (marked with white circles).
- Return Switch Trigger (31), Lock-Off Button (30) and Spring (28) to the proper location in the Housing Support.
- Carefully install the Hand Guard (44) and Housing Cover (32) onto the Housing Support, checking for interferences.
- Secure the Housing Halves and Hand Guard with eight Screws (34) and two Screws (29).
- Check for the the free movement and proper functionality of the Switch and Lock-Off Button.
- Install battery and check for proper operation of the entire tool.