



SERVICE PARTS LIST

BULLETIN NO.
PN0000609

SPECIFY CATALOG NO. AND SERIAL NO. WHEN ORDERING PARTS		REVISED BULLETIN	DATE
M18 FUEL™ SURGE™ 1/4" Hex Hydraulic DRIVER			July 2025
CATALOG NO.	2761-20	SERIAL NO.	M31A
		WIRING INSTRUCTION See Page 3-4	

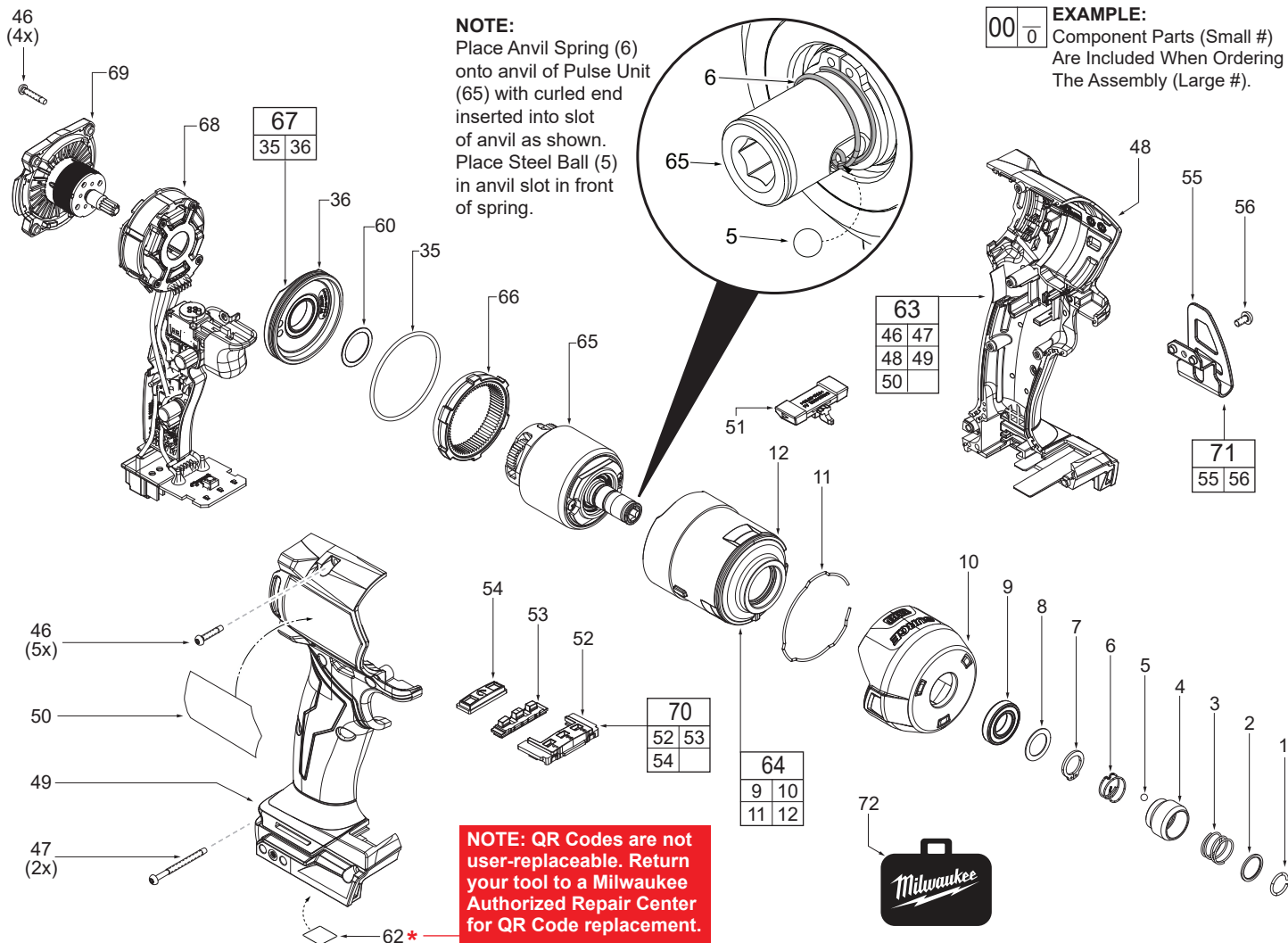


FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
1	34-80-0013	Retaining C-Ring 1.3mm	(1)
2	45-88-1881	Washer	(1)
3	40-50-1470	Spring	(1)
4	45-22-2643	Sleeve	(1)
5	02-02-0171	Ball	(1)
6	40-50-0008	Anvil Spring	(1)
7	34-60-0032	Snap Ring	(1)
8	34-60-0333	Flat Washer	(1)
9	-----	Deep Groove Ball Bearing	(1)
10	-----	M18 Fuel Gen2 Surge Work Light	(1)
11	-----	Snap Ring	(1)
12	-----	Gearcase	(1)
35	-----	End Cap O-Ring	(1)
36	-----	Gearcase End Cap	(1)
46	06-82-6351	M3 x 16mm Pan Hd. Torx T-10 Screw	(9)
47	06-82-2367	M3 x 38mm Pan Hd. Torx T-10 Screw	(2)
48	-----	Handle Housing Support	(1)
49	-----	Handle Housing Cover	(1)
50	12-20-2562	Service Nameplate	(1)
51	42-42-2761	F/R Button	(1)
52	-----	3-Speed Selector Slide	(1)
53	-----	Speed Selector LED Lens	(1)
54	-----	Single Mode Selector Button	(1)
55	-----	Belt Hook	(1)

FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
56	-----	#6-32 Pan Head Torx T-15 M Screw	(1)
60	-----	Washer	(1)
62	10-15-9730	QR Code Label	(1)
63	31-44-0283	Handle Kit	(1)
64	14-30-0473	Gearcase Assembly	(1)
65	14-46-0993	Pulse Unit Assembly	(1)
66	32-65-2761	Ring Gear Kit	(1)
67	44-66-2761	End Cap Assembly	(1)
68	14-20-9103	Electronic Assembly	(1)
69	16-07-0093	Rotor Assembly	(1)
70	45-24-0043	Mode Select Kit	(1)
71	42-70-0950	Belt Clip Kit	(1)
72	42-55-2761	Blow Molded Carrying Case	(1)

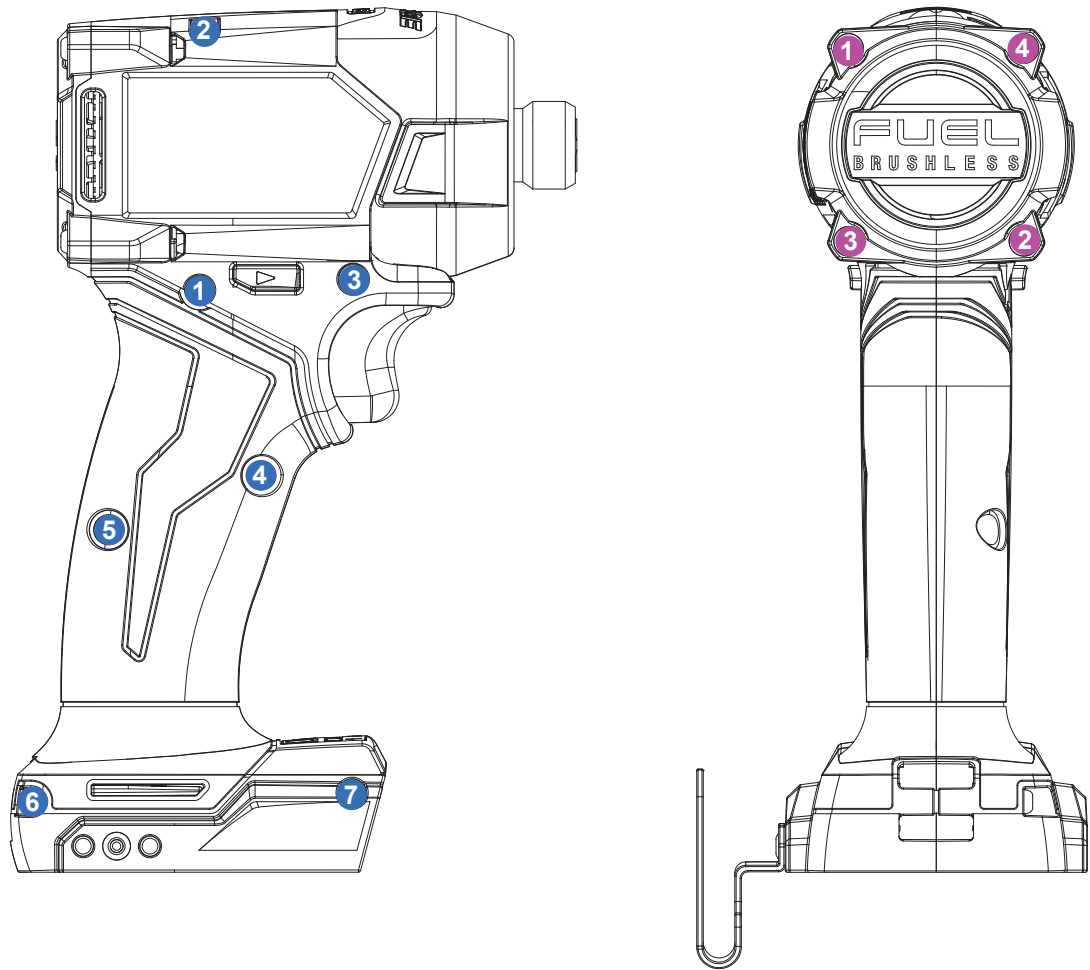
FIG. 50 SERVICE NOTES

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.

FASTENER TIGHTENING PROCEDURE

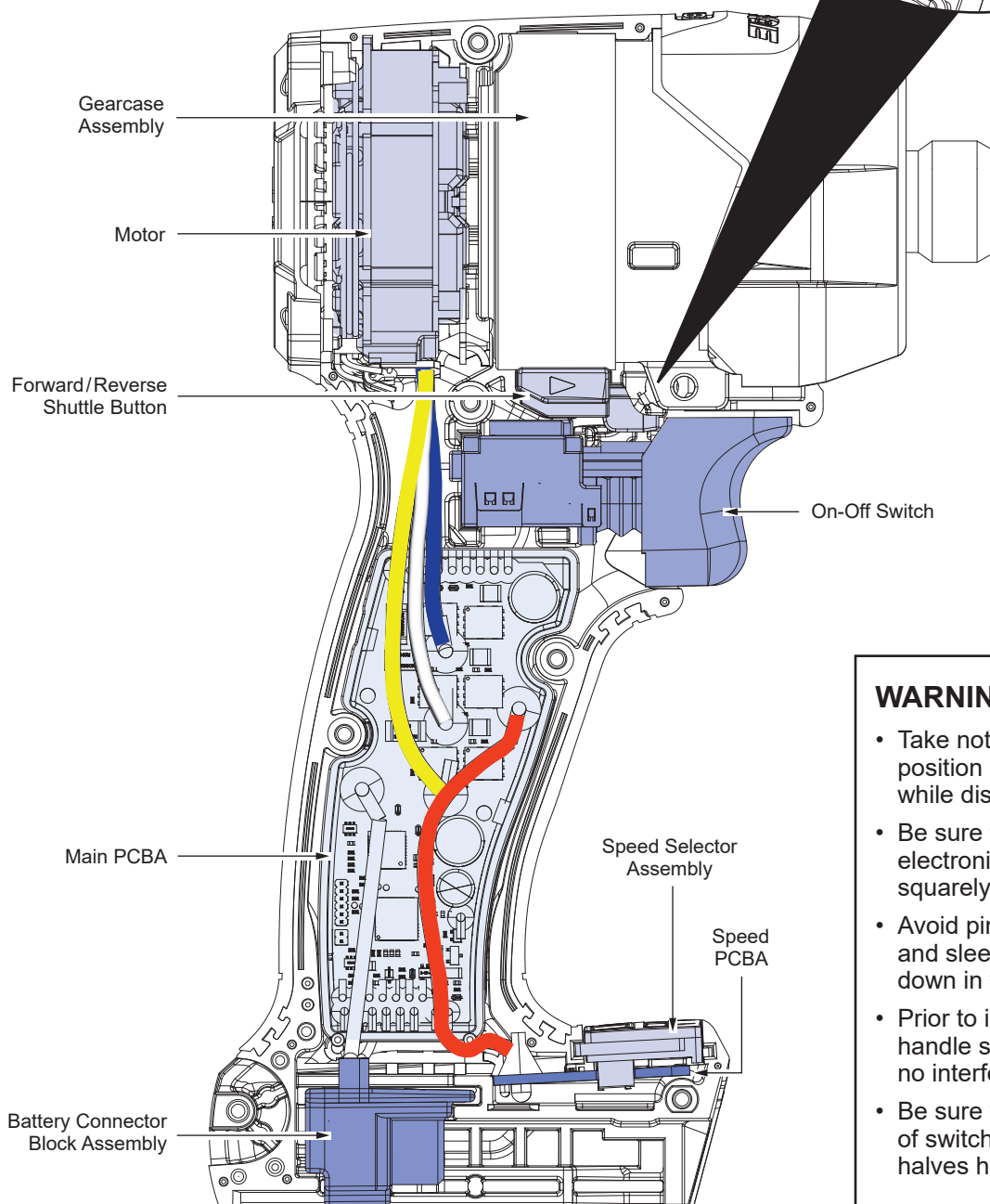
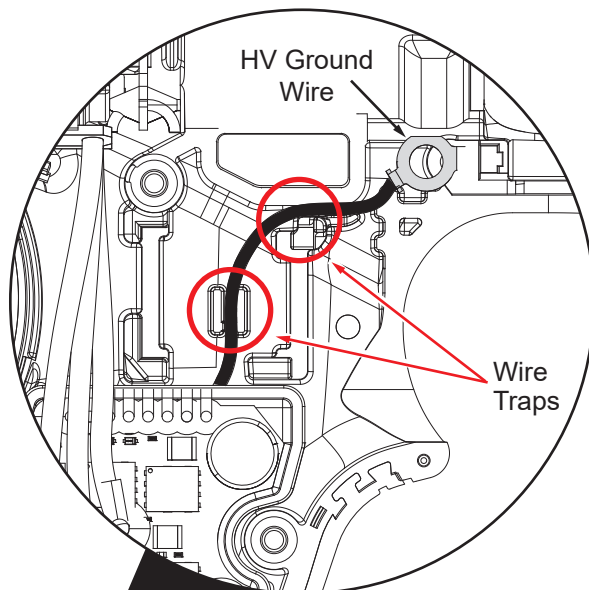
NOTE

Follow the fastening tightening procedure for screw tightening and loosening.



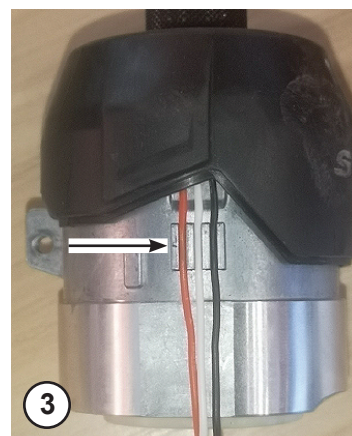
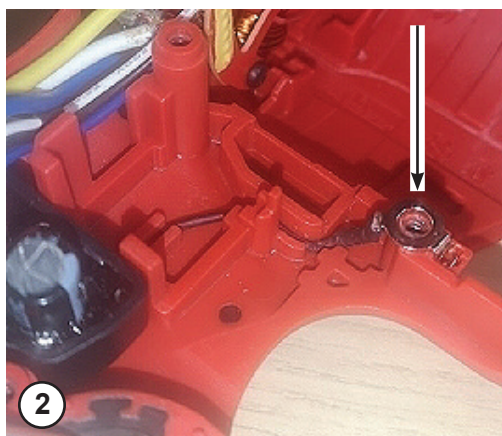
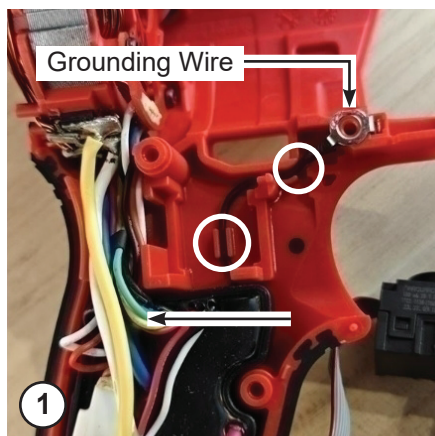
SCREW TORQUE SPECIFICATIONS						
FIG.	PART NO.	DESCRIPTION OF FASTENER	QTY	WHERE USED	SEAT TORQUE	
					(kgf-cm)	(lb-in)
46	06-82-6351	M3 x 16mm Pan Hd. Torx T-10 Screw	5	Handle Housing Support	9 ± 1	8 ± 1
			4	in Logo Plate	6.5 ± 1	5.6 ± 1
47	06-82-2367	M3 x 38mm Pan Hd. Torx T-10 Screw	2	Lower part of Handle Housing Support	9 ± 1	8 ± 1
56	-----	#6-32 Pan Head Torx T-15 M Screw	1	Belt Clip	16 ± 2	14 ± 1.7

High Voltage Ground Wire is routed through channels and wire traps behind the Gearcase and the Forward/Reverse Shuttle Button.

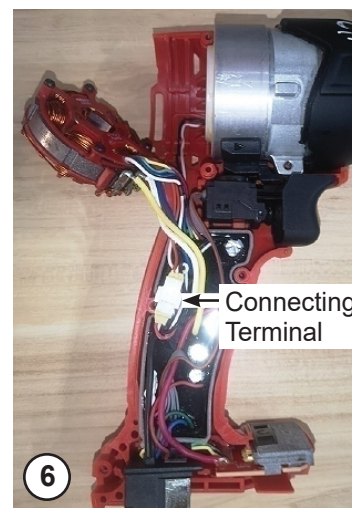
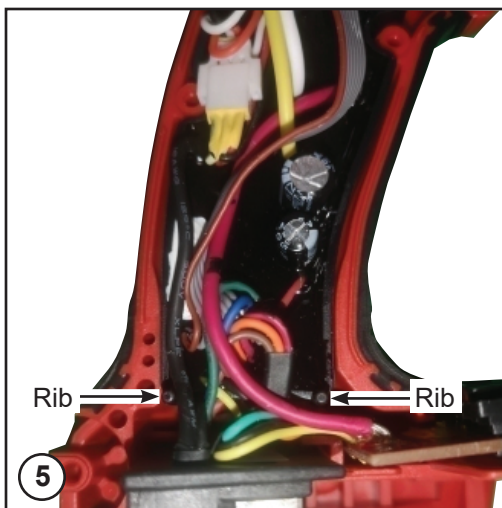


WARNING

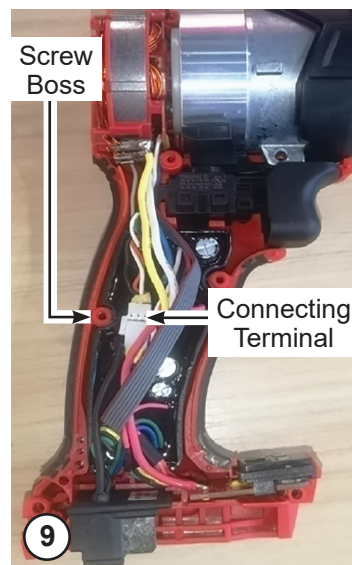
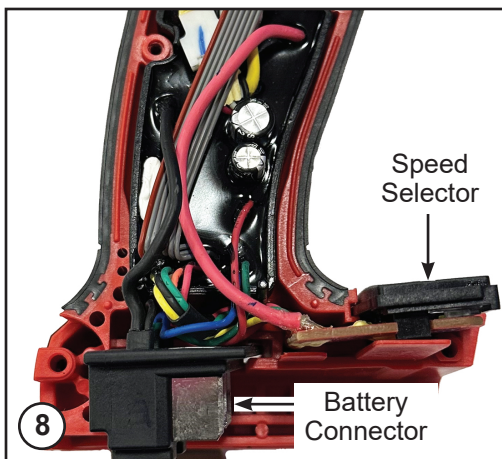
- Take notice of wire routing and position in wire guides and traps while dismantling tool.
- Be sure that all components of the electronics kit are seated firmly and squarely in housing recesses.
- Avoid pinched wires, be sure all wires and sleeves are pressed completely down in wire guides and traps.
- 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.



- Make sure the Grounding Wire is secured in traps and grooves. (Fig. 1)
- End of Grounding Wire to fit over screw boss. (Fig. 2)
- Press Shadowless Wires into grooves. NOTE - wires should not cross over. (Fig. 3&4)



- Arrange the wires between the two black ribs of the Main PCBA Board. (Fig. 5)
- Place Connecting Terminal in area shown (Fig. 6) and assemble the gearbox, F/R Button, PCBA and Mode Selector Assembly.

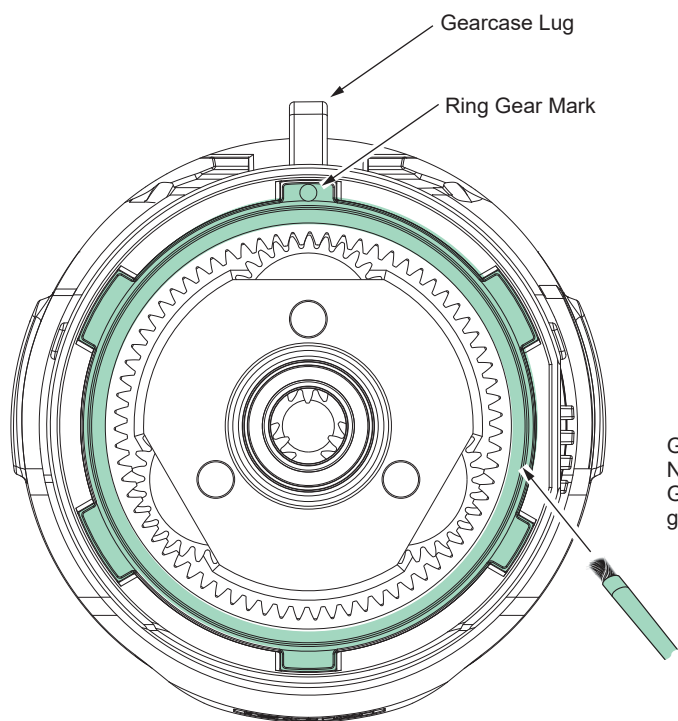
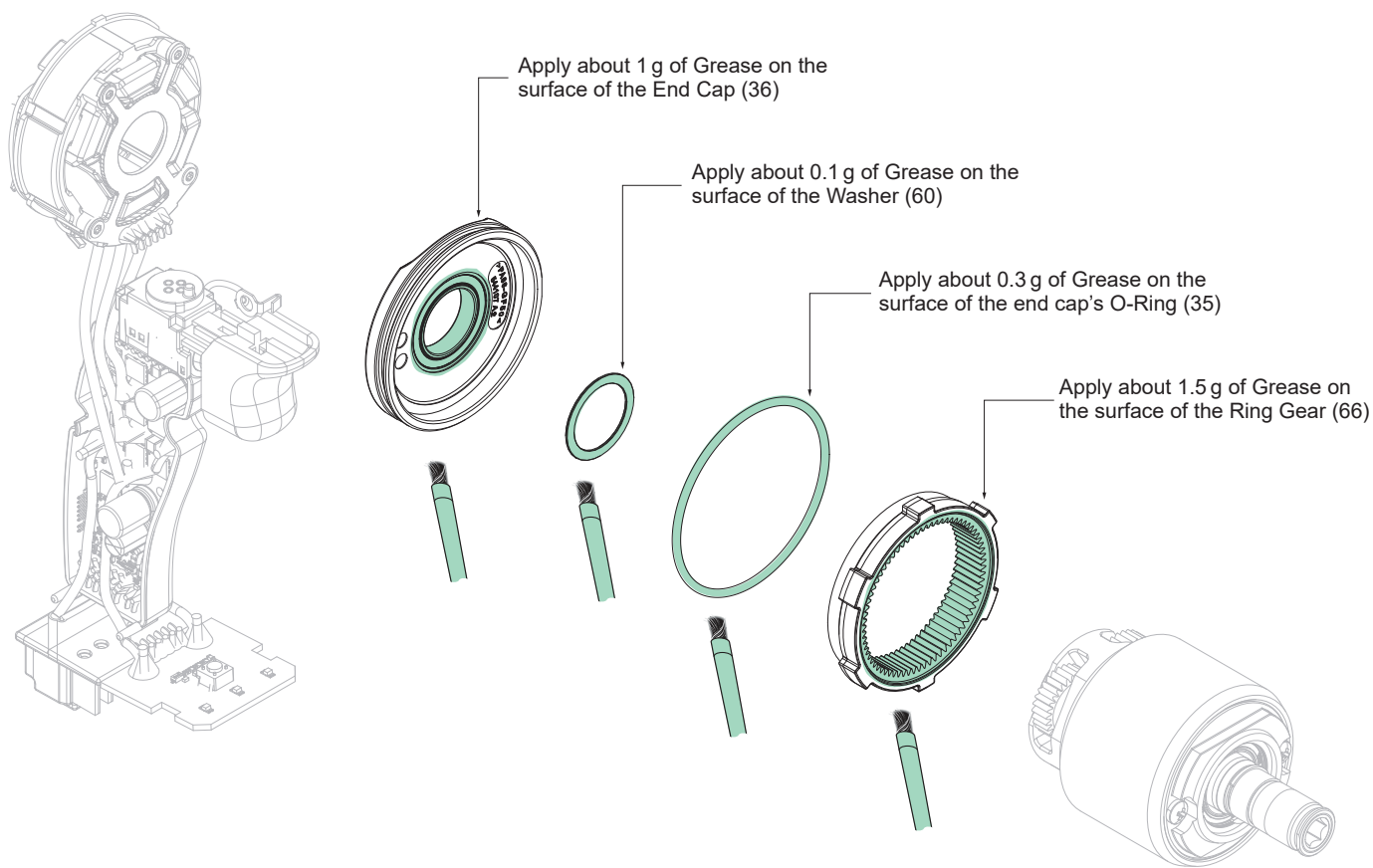


- Assemble Motor Stator and PCBA Assembly Ribs into their grooves. (Fig. 7)
- Make sure the Speed Selector and Battery Connector are in their grooves. (Fig. 8)
- Arrange wires as shown in Fig. 9, terminal should be near the side of screw boss.

Type 'J' Grease No. 49-08-4220 1 lb. can

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'.

Prior to reinstalling, clean gear assemblies with a clean, dry cloth.
Lightly coat all individual parts highlighted here with grease.
Apply a greater amount of grease to all internal and external gear teeth.



Grease Ring Gear (66) then assemble into Gear Case (12).
NOTE: Be sure that the Ring Gear Mark aligns with the Gearcase Lug, then place the whole Ring Gear down into groove.