

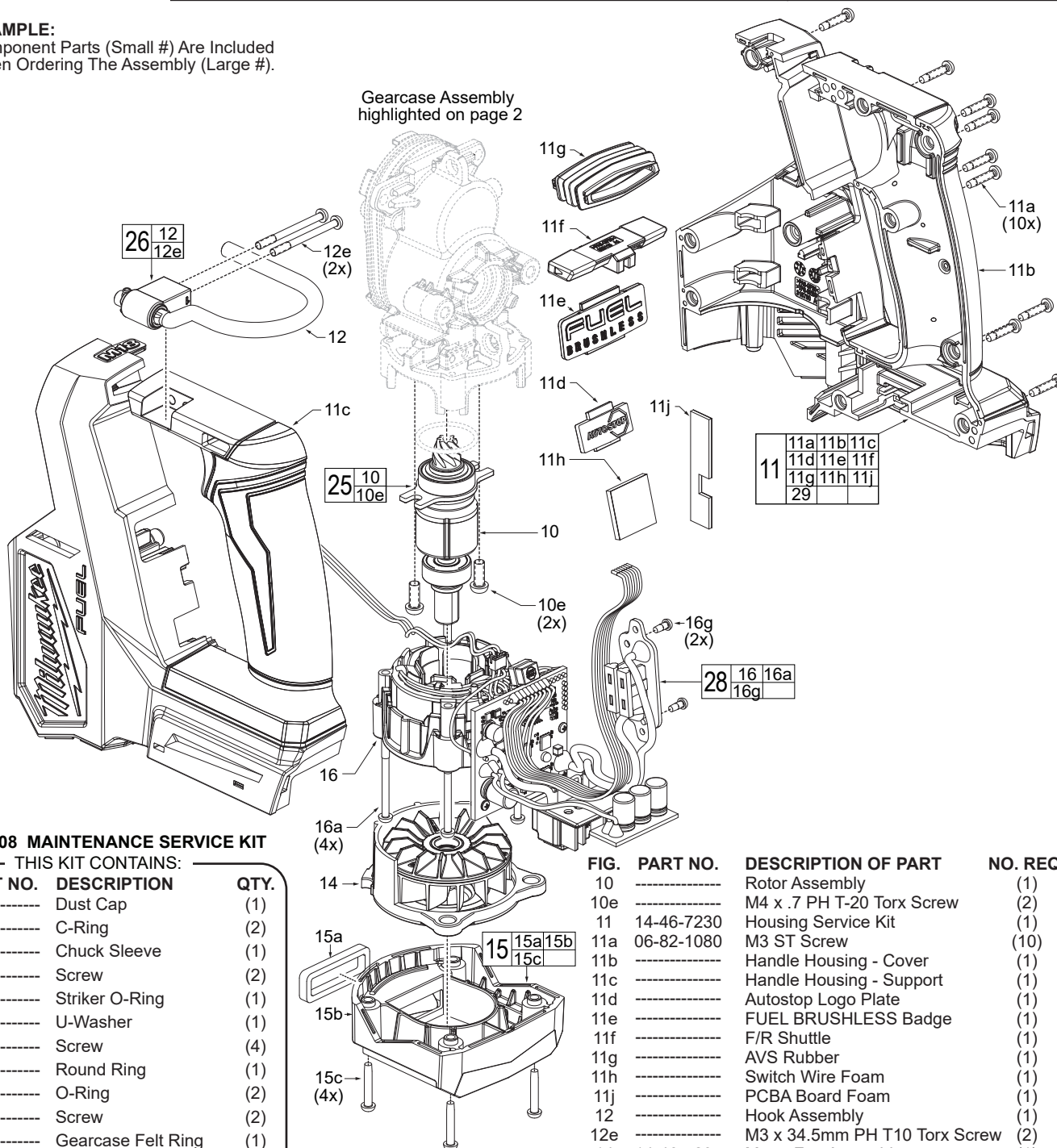


SERVICE PARTS LIST

BULLETIN NO.
54-24-0035

SPECIFY CATALOG NO. AND SERIAL NO. WHEN ORDERING PARTS		REVISED BULLETIN	DATE
M18 FUEL™ SDS+ Compact Rotary Hammer			Dec. 2024
CATALOG NO. 2908-20	SERIAL NO. P75A	WIRING INSTRUCTION SEE PAGE 4	

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



GEARCASE ASSEMBLY

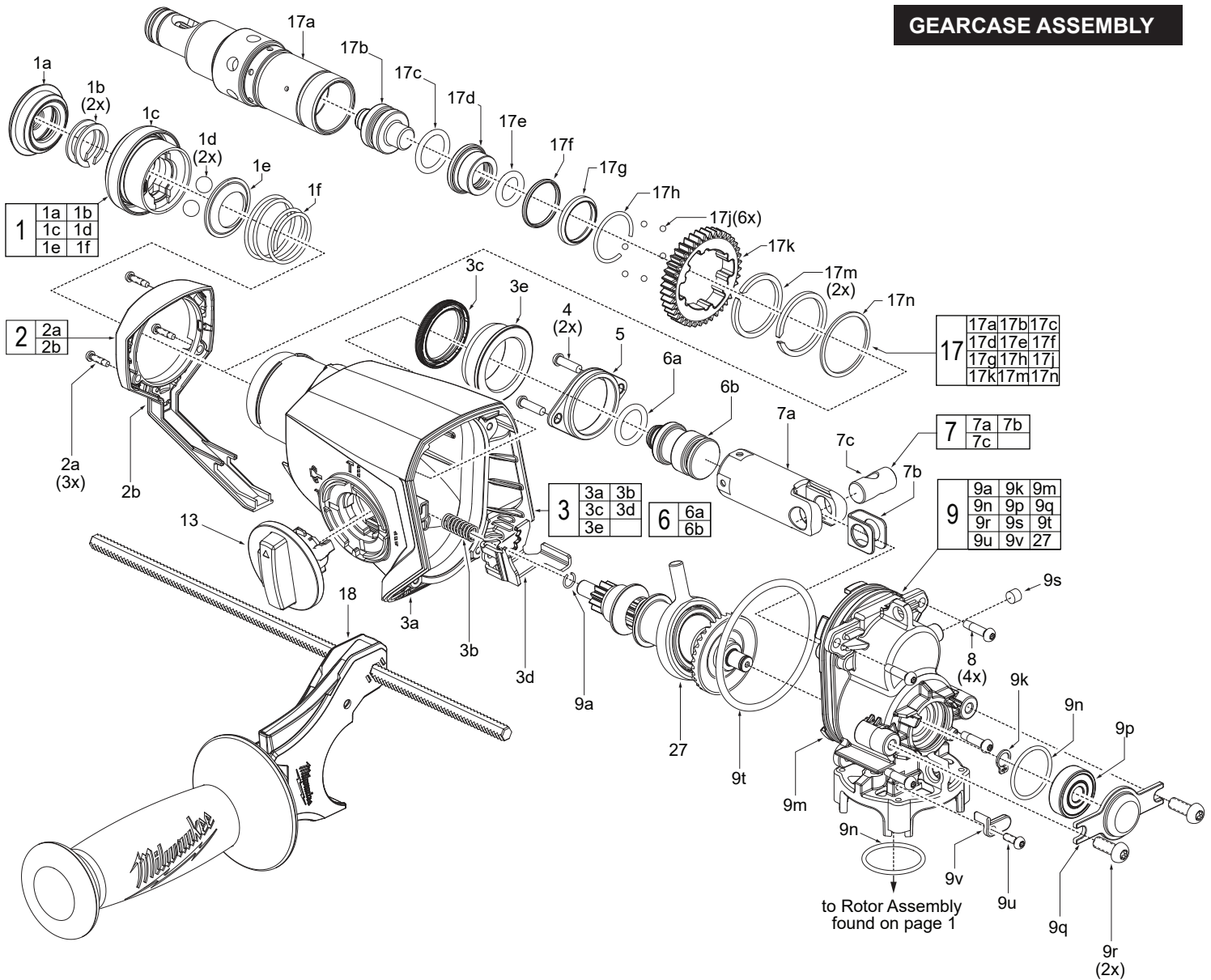
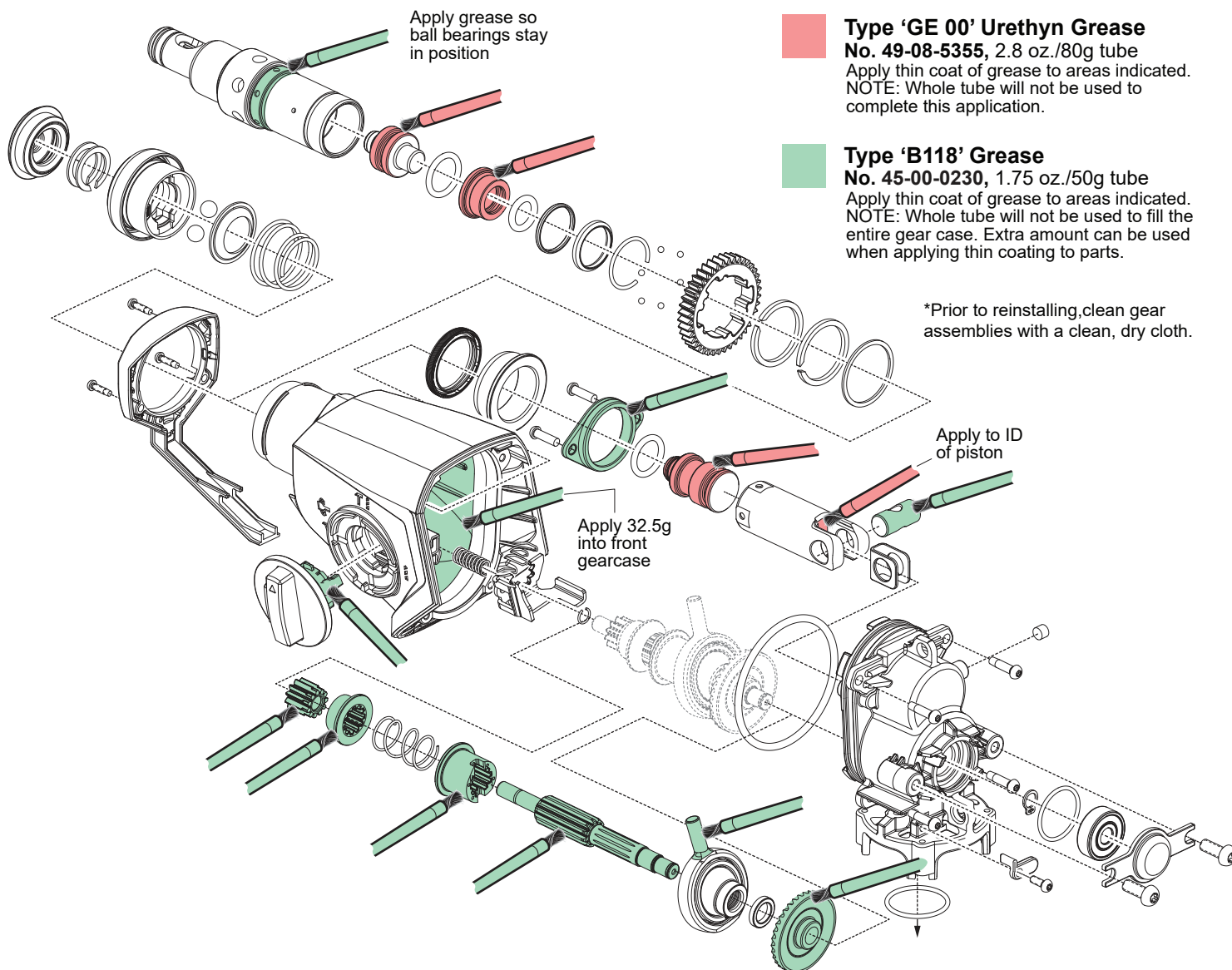


FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
1	14-46-7275	Chuck Sleeve Assembly	(1)
1a	-----	Dust Cap	(1)
1b	-----	C-Ring	(2)
1c	-----	Chuck Sleeve	(1)
1d	-----	Ball	(2)
1e	-----	Chuck Ring	(1)
1f	-----	Chuck Spring	(1)
2	14-46-7220	Shadowless Light Service Kit	(1)
2a	06-82-2395	M2.6 x .907 PH Torx T-8 Screw	(3)
2b	-----	Work Light Assembly	(1)
3	14-46-7265	Front Housing Assembly	(1)
3a	-----	Front Gearcase	(1)
3b	-----	Locking Plate Spring	(1)
3c	-----	Rotary Seal	(1)
3d	-----	Locking Plate	(1)
3e	-----	Front Spindle Bushing	(1)
4	-----	M3.5 x .6 PH T-10 Torx Screw	(2)
5	-----	Rear Spindle Bushing	(1)
6	14-46-7255	Striker Assembly	(1)
6a	-----	Striker O-Ring	(1)
6b	-----	Striker	(1)
7	14-46-7250	Piston Service Kit	(1)
7a	-----	Piston	(1)
7b	-----	U-Washer	(1)
7c	-----	Wrist Pin	(1)
8	-----	M3.5 x 1.27 PH T-10 Torx Screw	(4)
9	14-46-7245	Wobble Shaft & RGC Assembly	(1)

FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
9a	-----	Round Ring	(1)
9k	-----	Retaining Ring	(1)
9m	-----	Rear Gearcase	(1)
9n	-----	O-Ring	(2)
9p	-----	I-Shaft Bearing	(1)
9q	-----	Bearing Retaining Plate	(1)
9r	-----	M5 x 13mm Screw	(2)
9s	-----	Gearcase Felt Plug	(1)
9t	-----	Main Gearcase O-Ring	(1)
9u	-----	M3 x .5 PH T-10 Torx Screw	(1)
9v	-----	Shadowless Light Wire Trap Cover	(1)
13	14-46-7270	Mode Selector Assembly	(1)
17	14-46-7260	Spindle Assembly	(1)
17a	-----	Spindle	(1)
17b	-----	Anvil	(1)
17c	-----	Anvil O-Ring	(1)
17d	-----	Anvil Sleeve	(1)
17e	-----	Parking O-Ring	(1)
17f	-----	Bumper Ring	(1)
17g	-----	Anvil Sleeve Ring	(1)
17h	-----	Anvil Snap Ring	(1)
17j	-----	Steel Ball	(6)
17k	-----	Spur Gear	(1)
17m	-----	External Spindle Retaining Ring	(2)
17n	-----	Spindle Thrust Washer	(1)
18	14-46-7280	Side Handle Assembly	(1)
27	-----	Wobble Shaft Assembly	(1)

LUBRICATION INSTRUCTIONS

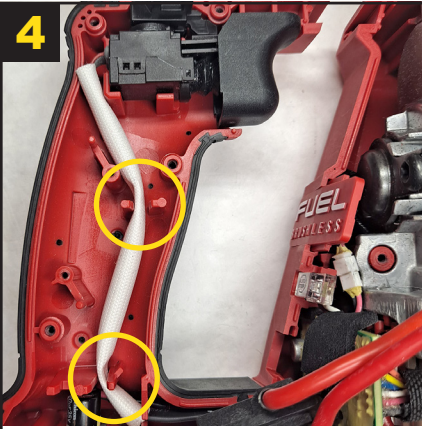


FASTENER TORQUE SPECIFICATIONS

FIG. NO.	WHERE USED	SEATING TORQUE	
		lb-in	kgf-cm
2a	Shadowless Light	5.6±0.4	6.5±0.5
4	Spindle Bushing	17±2	20±2
8	Gearbox	16±1.3	18±1.5
9r	Gearbox	43±4	50±5
9u	Light Wire Trap	5.6±0.4	6.5±0.5
10e	Rotor	16±2	18±2
11a	Motor Housing	6.5±0.4	7.5±0.5
12e	Hook Assy.	6.5±0.4	7.5±0.5
16a	Stator	13±2	15±2
13j	Mode Selector Assembly	13±2	15±2
15c	Bottom Cap Assembly	9±1	10±1
16g	PCBA Assembly	3±0.3	4±0.4

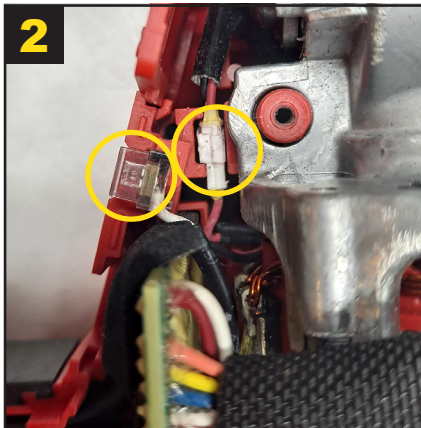
WIRING INSTRUCTIONS

4



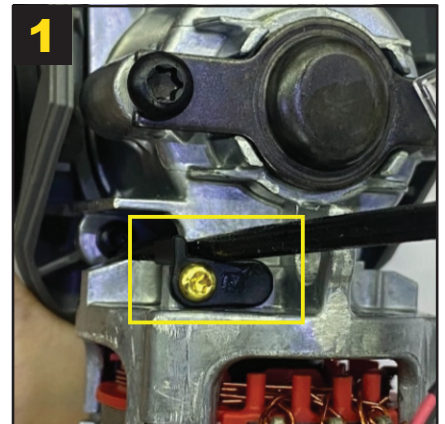
Assemble switch and switch wire into housing slots.

2



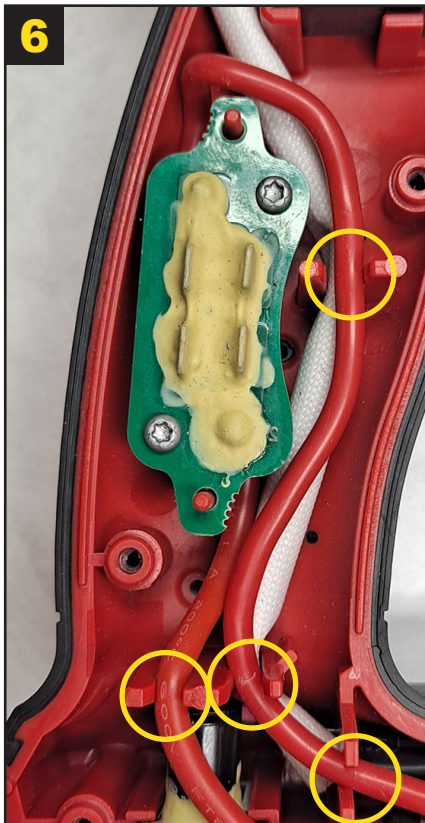
Insert LOC light and terminal block into housing slots.

1

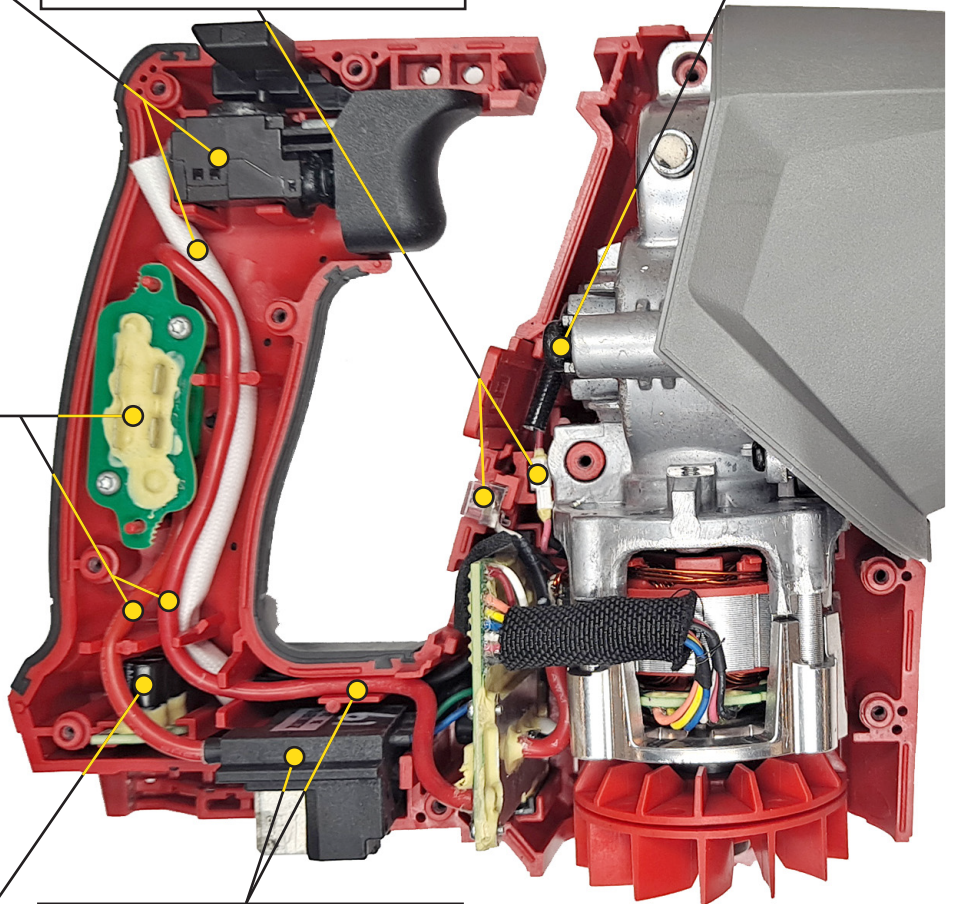


Shadowless light wire needs to be placed into the slot and locked with trap cover.

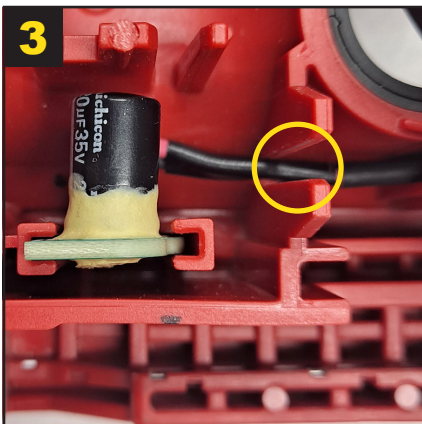
6



Assemble fuse and fuse wires into appropriate slots.

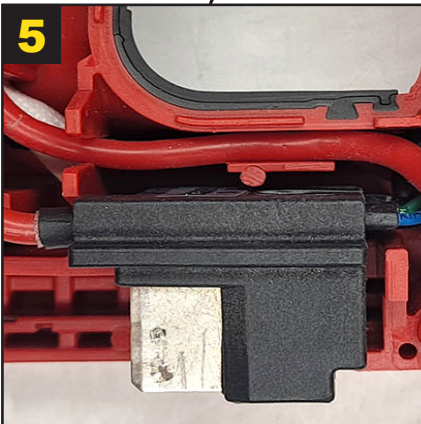


3



Place the capacitor into housing slot and wire routed under housing traps.

5



Place terminal block into housing slots and red wire above is pressed into trap.

NOTE: Be sure phase wires don't touch the motor fan.

7

- 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 proper functionality of switches and buttons after housing halves have been secured.