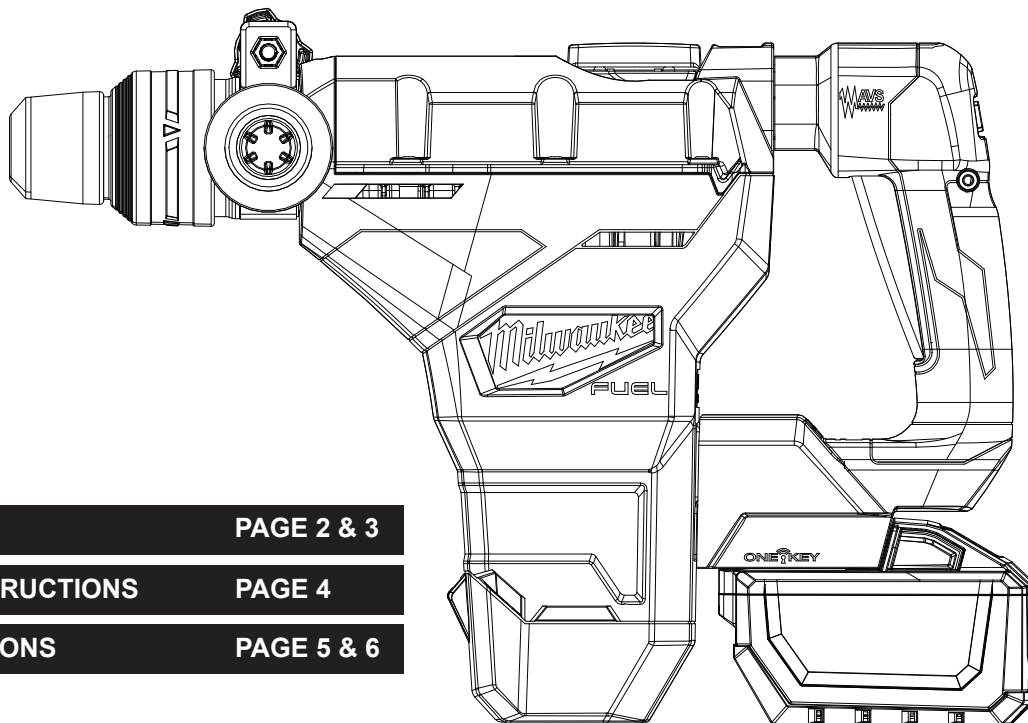




SERVICE PARTS LIST

BULLETIN NO.
54-24-2780

SPECIFY CATALOG NO. AND SERIAL NO. WHEN ORDERING PARTS		REVISED BULLETIN	DATE
M18 FUEL™ 1-3/4" SDS-Max Rotary Hammer with One-Key™			Nov. 2023
CATALOG NO.	2718-20	SERIAL NO.	J97A
		WIRING INSTRUCTION PAGE 5-6	



SERVICE PARTS PAGE 2 & 3

LUBRICATION INSTRUCTIONS PAGE 4

WIRING INSTRUCTIONS PAGE 5 & 6

This product is to be serviced **ONLY** by personnel authorized by MILWAUKEE TOOL. Do **NOT** attempt to purchase parts and install them yourself. Installation by anyone other than an authorized MILWAUKEE personnel could void your warranty.

For service, parts, or inquiries, contact us:

- Customer Service at 1.800.SAWDUST (1.800.729.3878)
- E-Service tool repair at: www.milwaukeetool.com/e-service
- Find a local authorized MILWAUKEE service location at Milwaukeetool.com
- Find a MILWAUKEE *factory* Service Center Location or MILWAUKEE *factory* Central Repair Center at Milwaukeetool.com. Send the following, posted paid and insured:
 - Your name, address, and phone number
 - Description of the issues
 - Copy of the proof of purchase
 - Tool, charger, and batteries involved with the issues

MILWAUKEE *factory* Central Repair Centers:

MILWAUKEE TOOL
Central Repair
1401 Sycamore Avenue
Greenwood, MS 38930

MILWAUKEE TOOL
Central Repair
2198 Southtech Drive
Greenwood, IN 46143



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SERIAL NO.	J97A	PAGE 5-6	

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

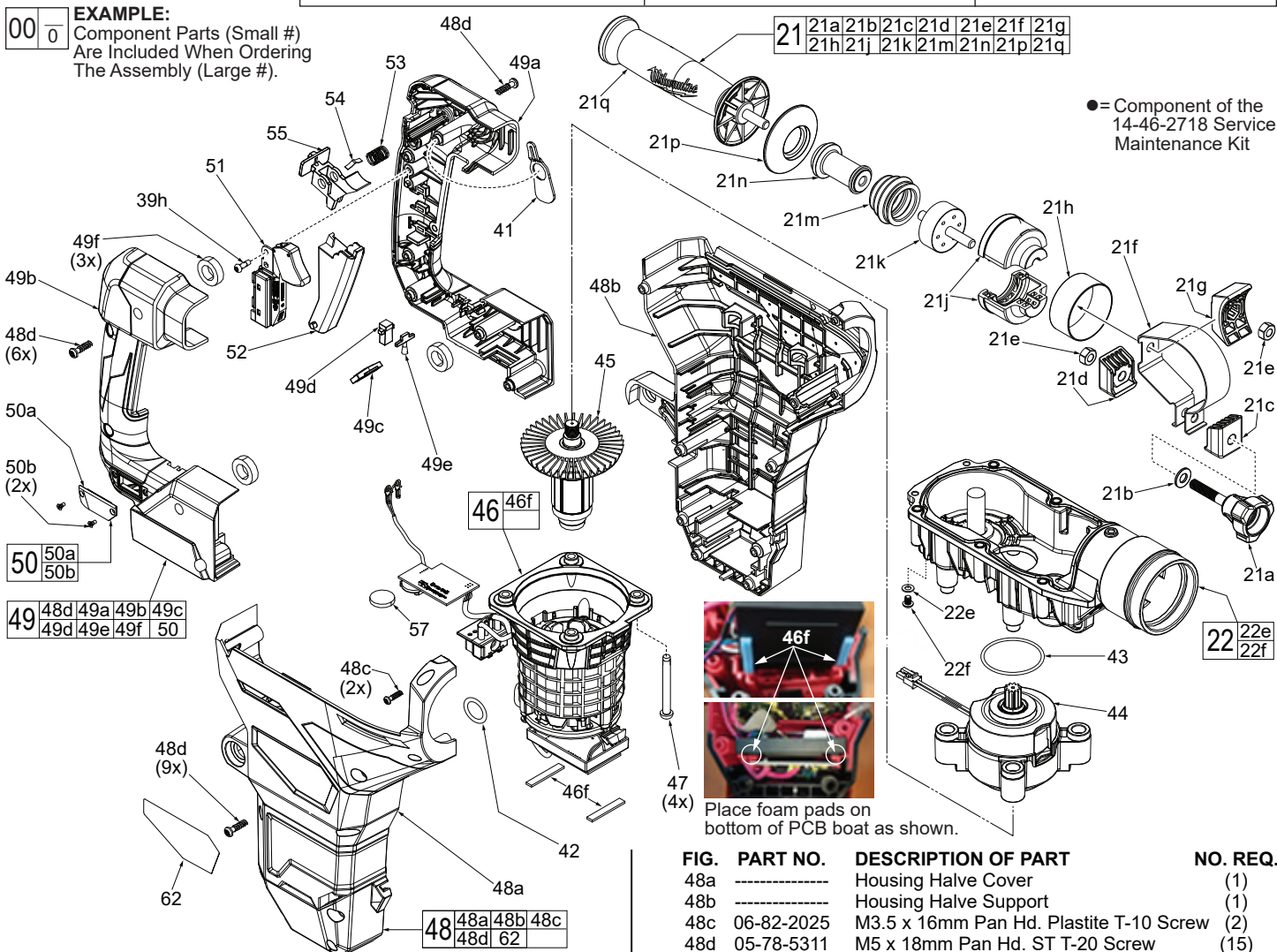


FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
48a	-----	Housing Halve Cover	(1)
48b	-----	Housing Halve Support	(1)
48c	06-82-2025	M3.5 x 16mm Pan Hd. Plastite T-10 Screw	(2)
48d	05-78-5311	M5 x 18mm Pan Hd. ST T-20 Screw	(15)
49	43-62-0038	Handle Kit	(1)
49a	-----	Handle Support	(1)
49b	-----	Handle Cover	(1)
49c	44-66-0057	Auto Stop Plate	(1)
49d	44-06-0014	Bluetooth Indicator Lens	(1)
49e	44-06-0018	Bluetooth Working Lens	(1)
49f	42-42-0054●	Foam Bushing	(3)
50	31-21-0066	Coin Cell Cover Kit	(1)
50a	-----	Coin Cell Cover	(1)
50b	05-81-1100	M2.6 x 6mm ST Phillips Screw	(2)
51	23-66-5027	On-Off Switch	(1)
52	45-72-0012	Switch Trigger	(1)
53	40-50-0059	Spring	(1)
54	40-50-0027	Spring Plate	(1)
55	44-60-0089	Lock Button	(1)
57	-----	3V Coin Cell Battery (CR2032H)	(1)
62	12-20-0138	Service Nameplate	(1)

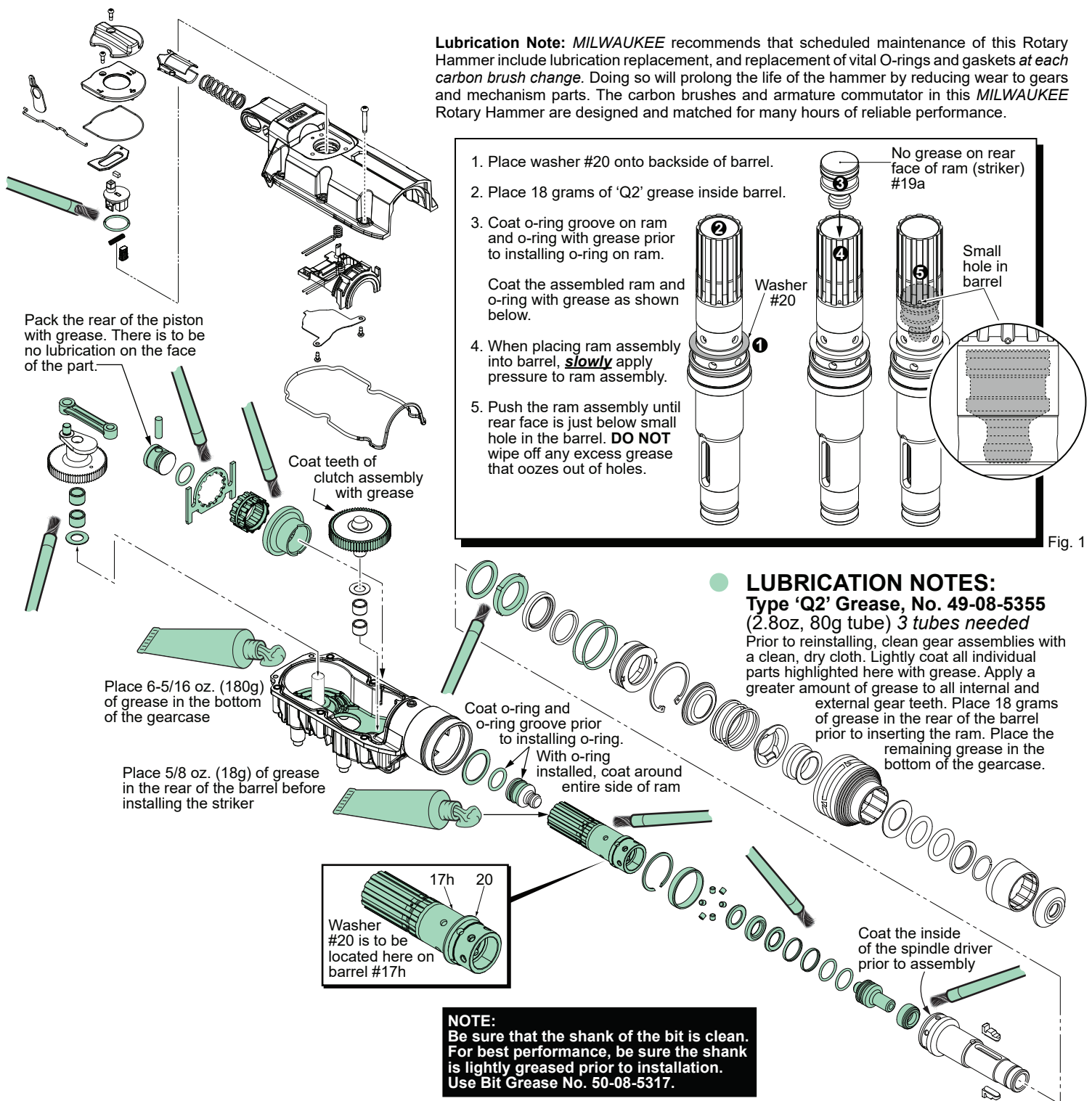
• See page 2 for the exploded view and parts listing of the mechanical portion of the tool and service fixtures.

• See page 3 for lubrication instructions, torques chart, maintenance instructions and service kits.

• See Page 4 for wiring instructions.

FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
21	42-62-0013	Side Handle Assembly	(1)
21a	05-89-0015	Fixing Screw	(1)
21b	45-88-0103	Flat Washer	(1)
21c	43-72-0002	Holder 1	(1)
21d	43-72-0003	Holder 2	(1)
21e	06-55-0018	Hex Nut	(1)
21f	31-05-0011	Clamping Ring	(1)
21g	44-66-0049	Support Plate	(1)
21h	44-90-0046	Ring	(1)
21j	43-76-0012	Absorber Housing	(2)
21k	44-52-0013	Absorber	(1)
21m	43-87-0015	Bellows	(1)
21n	43-24-0010	Extension	(1)
21p	42-52-0031	Side Handle Cap	(1)
21q	43-98-5316	Side Handle	(1)
22	14-29-0013	Gearcase Assembly	(1)
22e	-----	Flat Washer	(1)
22f	-----	M6 x 10mm BUH Hex Recess Screw	(1)
39h	06-82-0032	M4 x 12mm Pan Hd. ST T-20 Screw	(1)
41	44-50-0013	Lock Cam	(1)
42	34-40-5308●	O-Ring	(1)
43	34-40-0088	O-Ring	(1)
44	42-70-0028	EM-Clutch Assembly	(1)
45	16-01-0010	Rotor Assembly	(1)
46	31-44-0117	Electronics Assembly	(1)
46f	44-52-0066	Foam Pad (Set of two)	(1)
47	05-88-0028	M6 x 55mm Pan Hd. TapTite T-30 Screw	(4)
48	31-44-0118	Housing Assembly	(1)

Lubrication Note: MILWAUKEE recommends that scheduled maintenance of this Rotary Hammer include lubrication replacement, and replacement of vital O-rings and gaskets *at each carbon brush change*. Doing so will prolong the life of the hammer by reducing wear to gears and mechanism parts. The carbon brushes and armature commutator in this MILWAUKEE Rotary Hammer are designed and matched for many hours of reliable performance.



● 14-46-2718 MAINTENANCE SERVICE KIT

THIS KIT CONTAINS:

1	45-12-5316	Rubber Dust Shield
1	34-60-5316	Retaining Ring
2	34-40-5316	Spindle O-Ring
2	34-60-5319	O-Ring
2	45-06-5317	Turcon Seal
2	34-40-5308	O-Ring
2	42-42-0054	Foam Bushing
1	14-46-0099	Bearing Shield Assembly
1	34-60-0072	Back Press Ring
2	34-60-0078	O-Ring
1	43-44-0012	Rubber Gasket
1	34-40-5309	O-Ring
1	44-90-5319	Spring Ring
3	49-08-5355	'Q2' Grease (2.8oz/80g tube)

FASTENER TORQUE SPECIFICATIONS

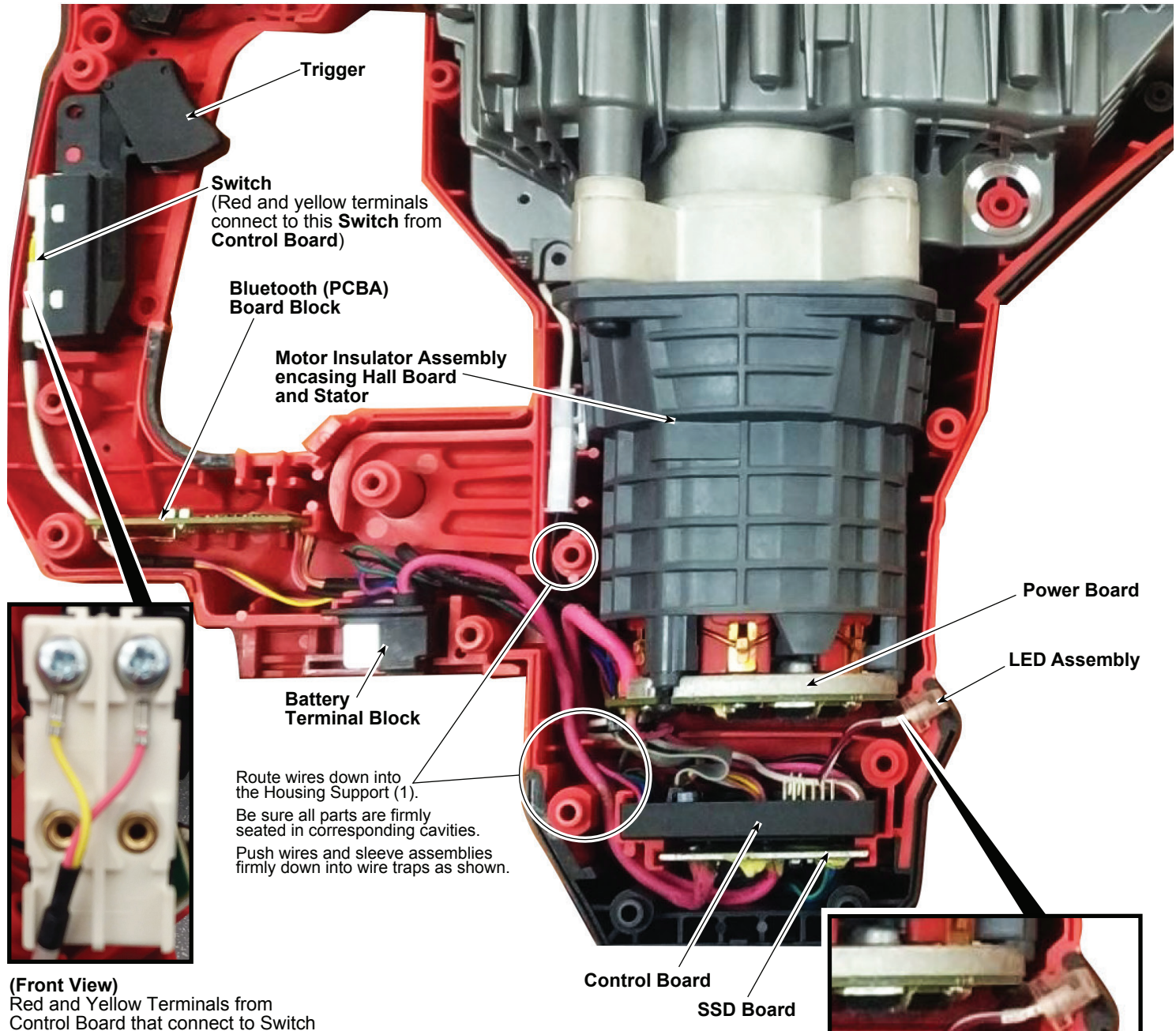
FIG. NO.	WHERE USED	SEATING TORQUE		
		lb-in	kgf-cm	Nm
34	Selector Bracket Clamp Plate	11	13	1.3
38	Gearcase Cover	63	73	7.2
47	Motor Housing	56	65	6.4
48d	Housing Halve Cover	25	29	2.9
48c	Housing Halve Cover	11	13	1.3
50b	Coin Cell Cover	2.6	3.05	0.3
39h	Selector Knob	16	18	1.8
39h	On-Off Switch	11	13	1.3
	Switch Termination Screws	8	10	1.0
	Ground Screw-Gearcase	44	50	5.0

ELECTRICAL SPECIFICATIONS

Handle and Base Cutaway

Model 2718-20

Cordless Rotary Hammer shown



AS AN AID TO REASSEMBLY, 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 THE HANDLE RECESSES.

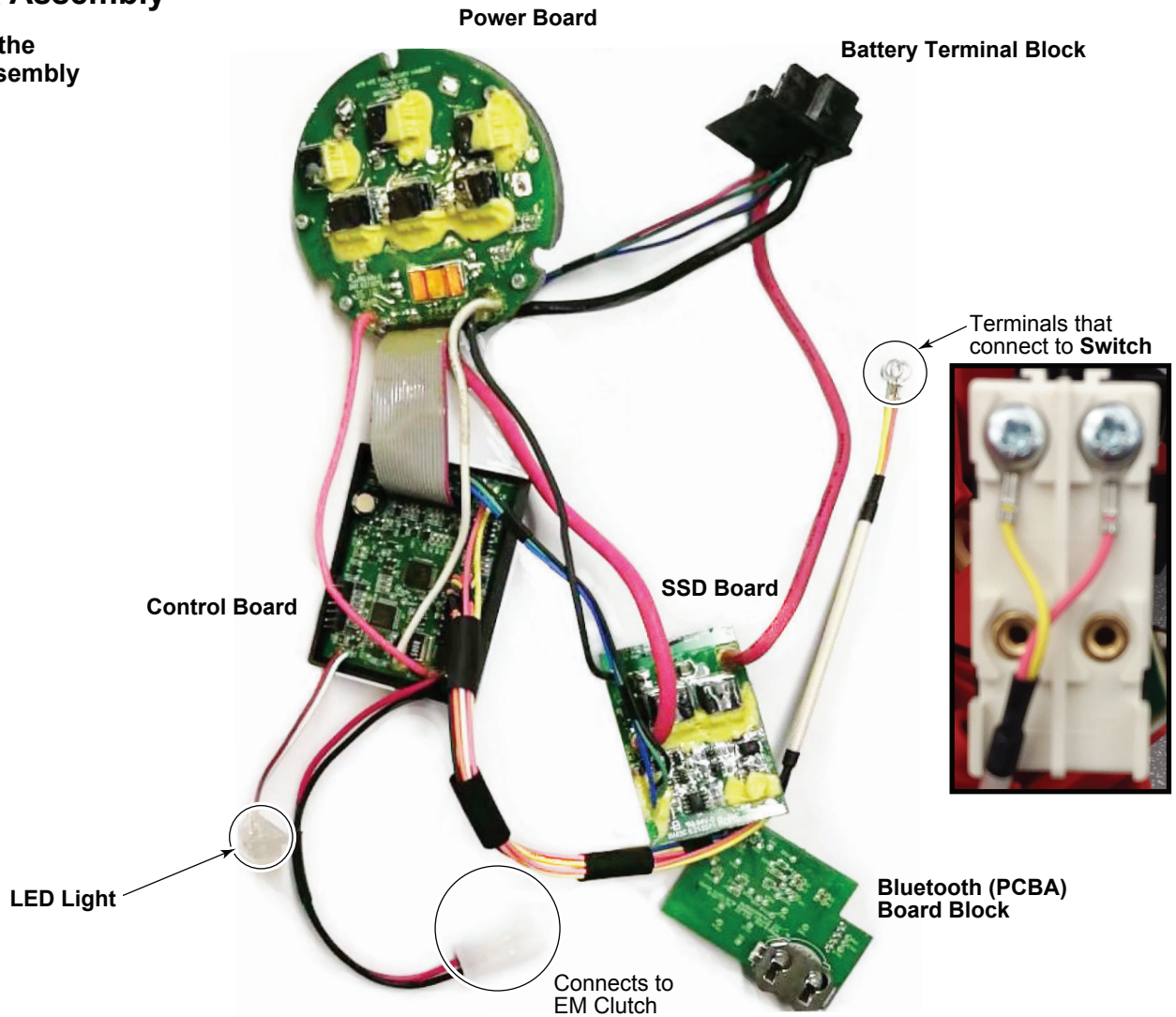
AVOID PINCHED WIRES, BE SURE THAT ALL WIRES AND SLEEVES ARE PRESSED COMPLETELY DOWN IN WIRE GUIDES AND TRAPS.

PRIOR TO INSTALLING THE HANDLE COVER ONTO THE HANDLE SUPPORT, BE SURE THAT THERE ARE NO INTERFERENCES.

ELECTRICAL SPECIFICATIONS

Main PCBA Assembly

Component of the
Electronics Assembly



Circuit Diagram

