

SPECIFY CATALOG NO. AND SERIAL NO. WHEN ORDERING PARTS

REVISÉD BULLETIN

DATE
June 2026

M18 FUEL™ 3/4" High Torque Impact Wrench w/ ONE-KEY™

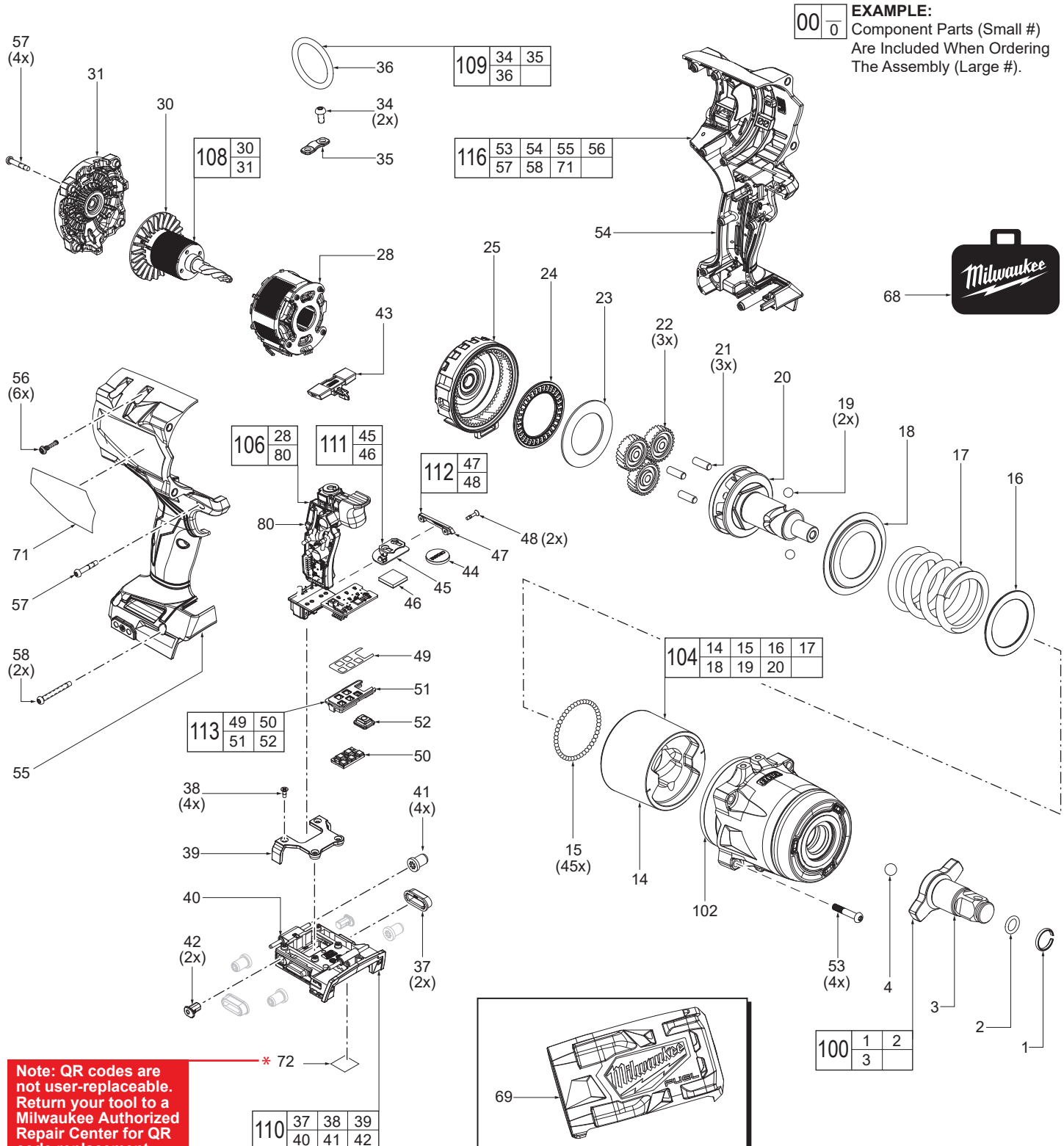
WIRING INSTRUCTION
See Page 4

CATALOG NO. 2964-20

SERIAL NO. S42A

NAMEPLATE SPECIFICATIONS: INPUT: 18 V $\approx$ n₀ 0 - 2 000 min⁻¹(RPM) n 0 - 2 100 min⁻¹(IPM)

Contains IC ID: 5123A-BGM220S2 Contains FCC ID: QOQ-BGM220S2



Note: QR codes are not user-replaceable. Return your tool to a Milwaukee Authorized Repair Center for QR code replacement.

Note: Replace FIG. 72 if FIG. 40 is replaced.

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13135 W. LISBON RD., BROOKFIELD, WI 53005

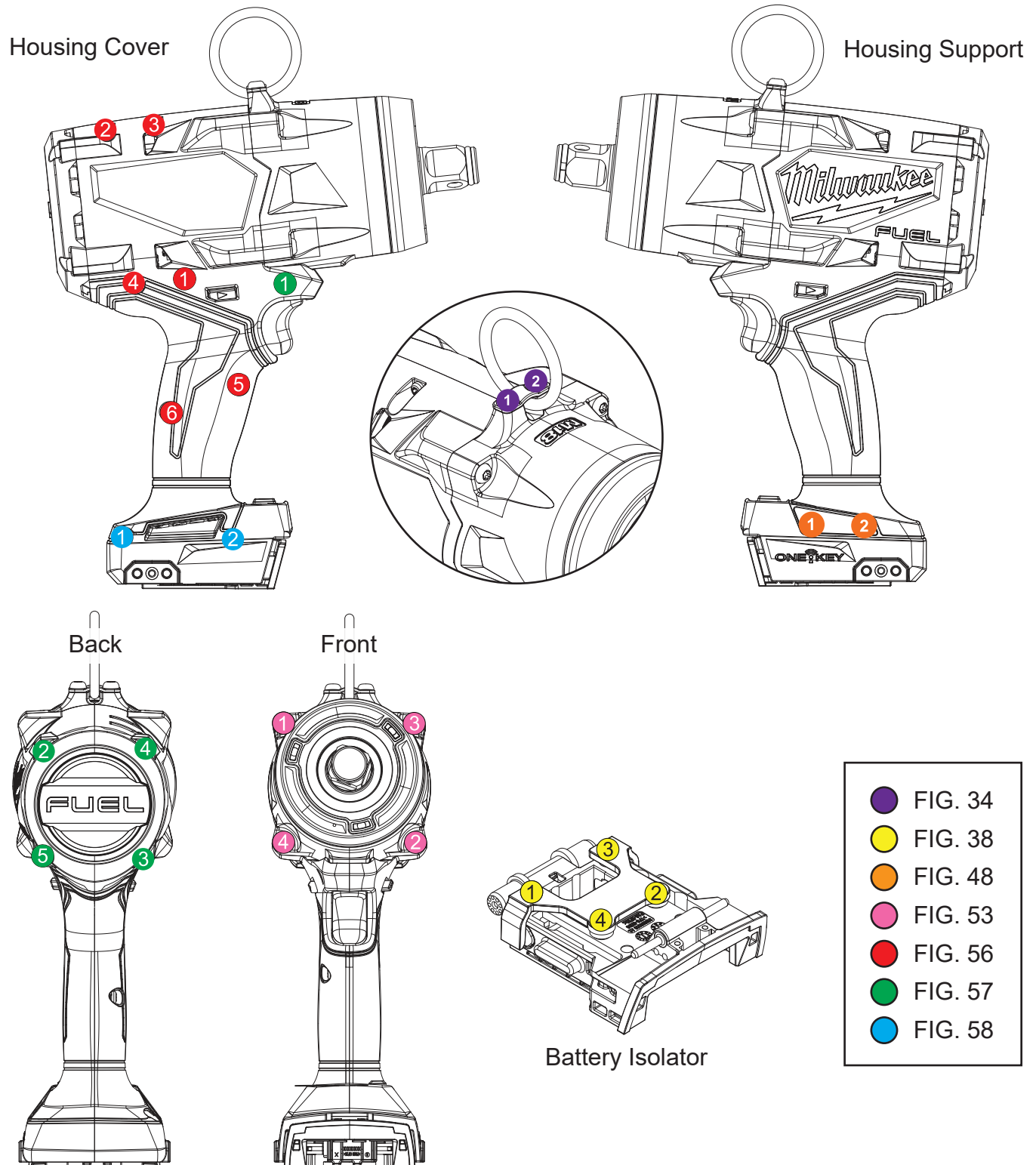
Drwg. 1

SERVICE BILL OF MATERIALS (BOM) LISTING

FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
1	34-40-9400	Ring	(1)
2	34-40-1210	Anvil O-Ring	(1)
3	-----	Anvil	(1)
4	02-02-2070	Anvil Ball	(1)
14	-----	Hammer	(1)
15	02-02-0171	Hammer Ball	(45)
16	-----	Hammer Washer	(1)
17	-----	Hammer Spring	(1)
18	-----	Shell Washer	(1)
19	-----	Ball	(2)
20	-----	Camshaft	(1)
21	44-60-9400	Pin	(3)
22	32-62-9400	Planet Gear	(3)
23	45-88-9400	Thrust Washer	(1)
24	02-50-9400	Thrust Needle Bearing	(1)
25	32-65-9400	Ring Gear	(1)
28	-----	Stator	(1)
30	-----	Rotor	(1)
31	-----	Back Cap	(1)
34	-----	M5 x 10mm Pan Head T-25 Screw	(2)
35	-----	Tether Cap	(1)
36	-----	Tether Ring	(1)
37	45-30-9400	Wing Dampener	(2)
38	-----	M3 x 8mm Flat Head Phillips Screw	(4)
39	-----	Bracket	(1)
40	-----	Battery Isolator	(1)
41	45-30-9401	Isolator Wheel	(4)
42	-----	Rubber Slug	(2)
43	45-24-9401	F/R Shuttle	(1)
44	-----	Coin Cell Battery (CR2032) - See local hardware store	(1)
45	-----	Coin Cell Board	(1)
46	-----	Foam Pad	(1)
47	-----	Coin Cell Cover	(1)
48	05-80-0433	M2.6 x 12mm Flat Head Phillips Screw	(2)
49	-----	Mode Selector Sticker	(1)
50	-----	Light Pipe	(1)
51	-----	Mode Select Plate	(1)
52	-----	Mode Select Button	(1)
53	-----	M5 x 28.55mm Pan Hd. T-25 Screw	(4)
54	-----	Housing Support	(1)
55	-----	Housing Cover	(1)
56	06-82-0995	M4 x 16mm Pan Head T-20 Screw	(6)
57	06-82-4001	M4 x 22mm Pan Head T-20 Screw	(5)
58	06-82-4002	M4 x 35mm Pan Head T-20 Screw	(2)
68	-----	BMC (Blow Molded Case)	(1)
69	49-16-2964	Rubber Boot (Accessory)	(1)
71	12-20-2969	Service Nameplate	(1)
72	10-15-9730	QR Code	(1)
80	-----	Electronics Sub-Assembly	(1)
100	42-06-9400	3/4" Standard Anvil Assembly	(1)
102	14-29-9400	Gearcase Assembly	(1)
104	14-30-9400	Impact System Assembly	(1)
106	14-20-4900	Electronics Assembly	(1)
108	16-01-9400	Rotor Assembly	(1)
109	14-46-9400	Tether Ring Kit	(1)
110	14-50-9400	Isolator Kit	(1)
111	31-21-0365	Coin Cell Board Assembly	(1)
112	31-21-9400	Coin Cell Cover Screw Kit	(1)
113	45-24-9400	Mode Select Kit	(1)
116	14-34-9400	Handle Kit	(1)

FIG.	NOTES
71,72	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.

HOUSING SCREWS - FASTENING ORDER

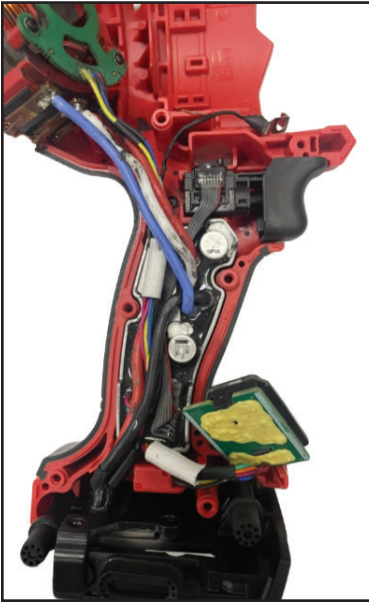


SCREW TORQUE SPECIFICATIONS

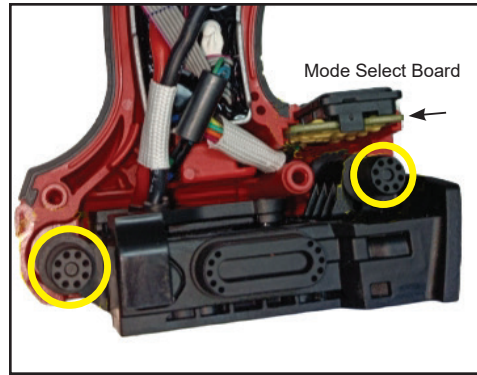
FIG.	PART NO.	WHERE USED	SEAT TORQUE	
			kgf-cm	lb-in
34	-----	Tether Cap	85±9	74±8
38	-----	Battery Isolator	5±1	4±1
48	05-80-0433	Coin Cell Cover	4±1	3±1
53	-----	Gearcase Assembly	95±10	82±9
56	06-82-0995	Housing Cover	16±2	14±2
57	06-82-4001	Housing / Back Cap	16±2	14±2
58	06-82-4002	Housing Cover	20±2	17±2

WIRING INSTRUCTIONS

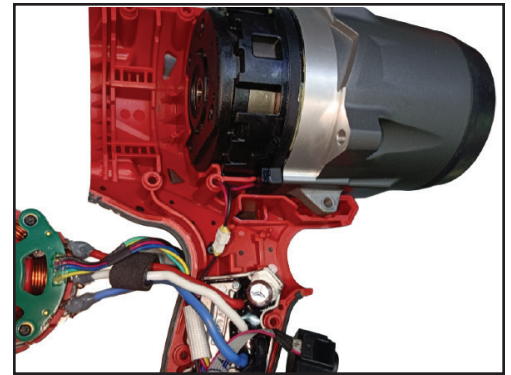
- Take notice of wire routing and position in wire guides and traps while dismantling tool.
- Be sure that all components of the electronics kit are seated firmly and squarely in housing recesses.
- Avoid pinched wires, be sure all wires and sleeves are pressed completely down in wire guides and traps.
- Prior to installing housing cover onto handle support, be sure that there are no interferences.
- Be sure to check for the functionality of switches and buttons after housing halves have been secured.



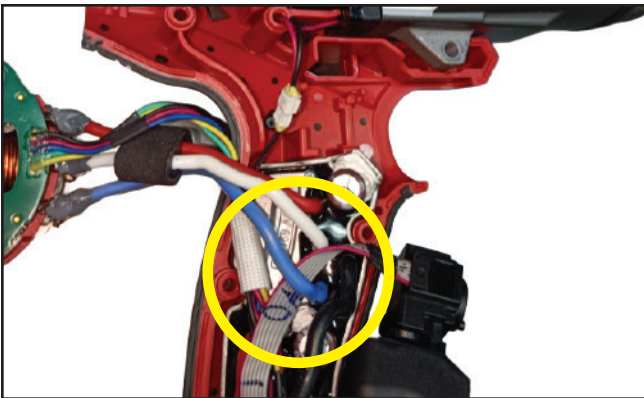
1) Place the potting boat and contents into the Handle Support.



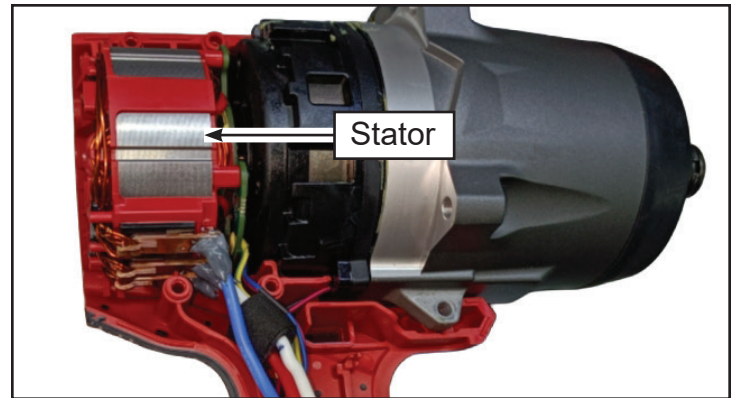
2) Assemble the Mode Select Board and Isolator Slugs (circled in yellow) into the Housing Support.



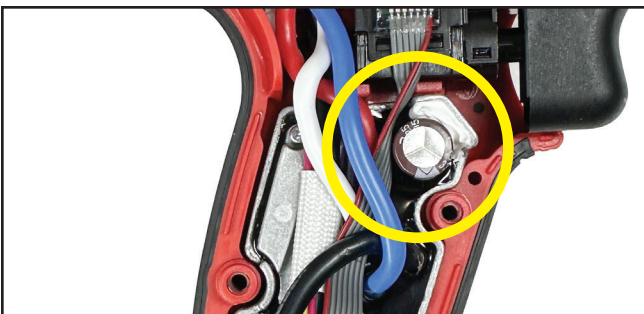
3) Assemble the Gearcase into the Housing Support and connect the Shadowless Wire to the Connector.



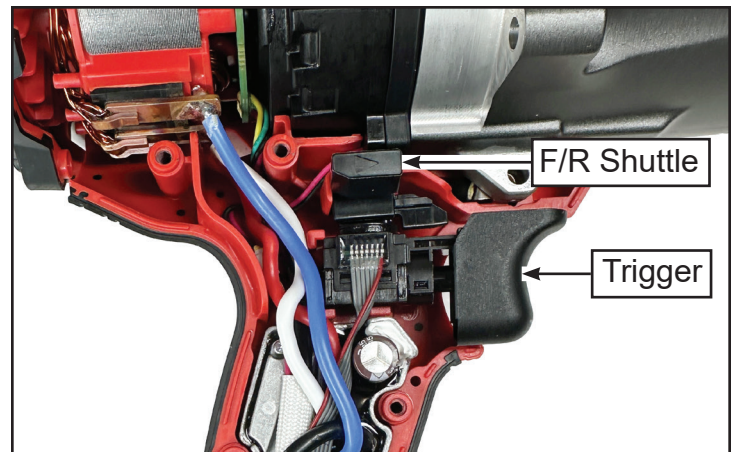
4) Make sure the Trigger Wire (gray) goes BELOW the Blue Wire.



5) Assemble the Stator to the Housing Support.



6) Make sure the Trigger Wire (gray) goes on the LEFT of the Capacitor.



7) Assemble the Trigger and F/R Shuttle in their designated slots in the Housing Support.

LUBRICATION INSTRUCTIONS

● 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" grease. Original grease may be similar in color but not compatible with "J" grease.

Prior to reinstalling, clean gear assemblies with a clean, dry cloth. Lightly coat all individual parts highlighted here with "J" grease. Apply a greater amount of grease to all internal and external gear teeth. Internal components of the anvil assemblies should come from the factory pre-lubricated.

