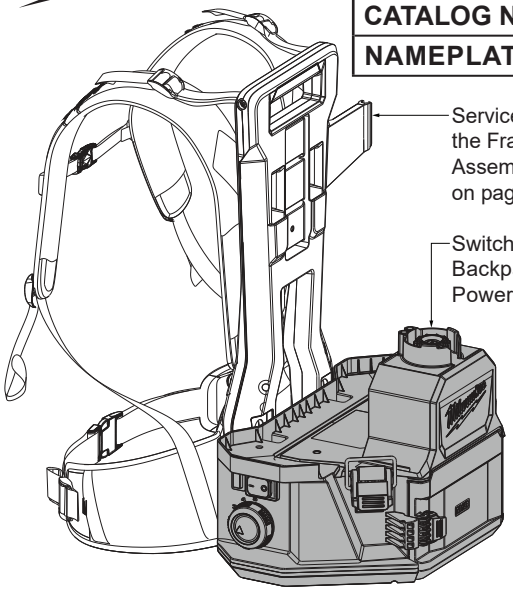
SERVICE PARTS LIST

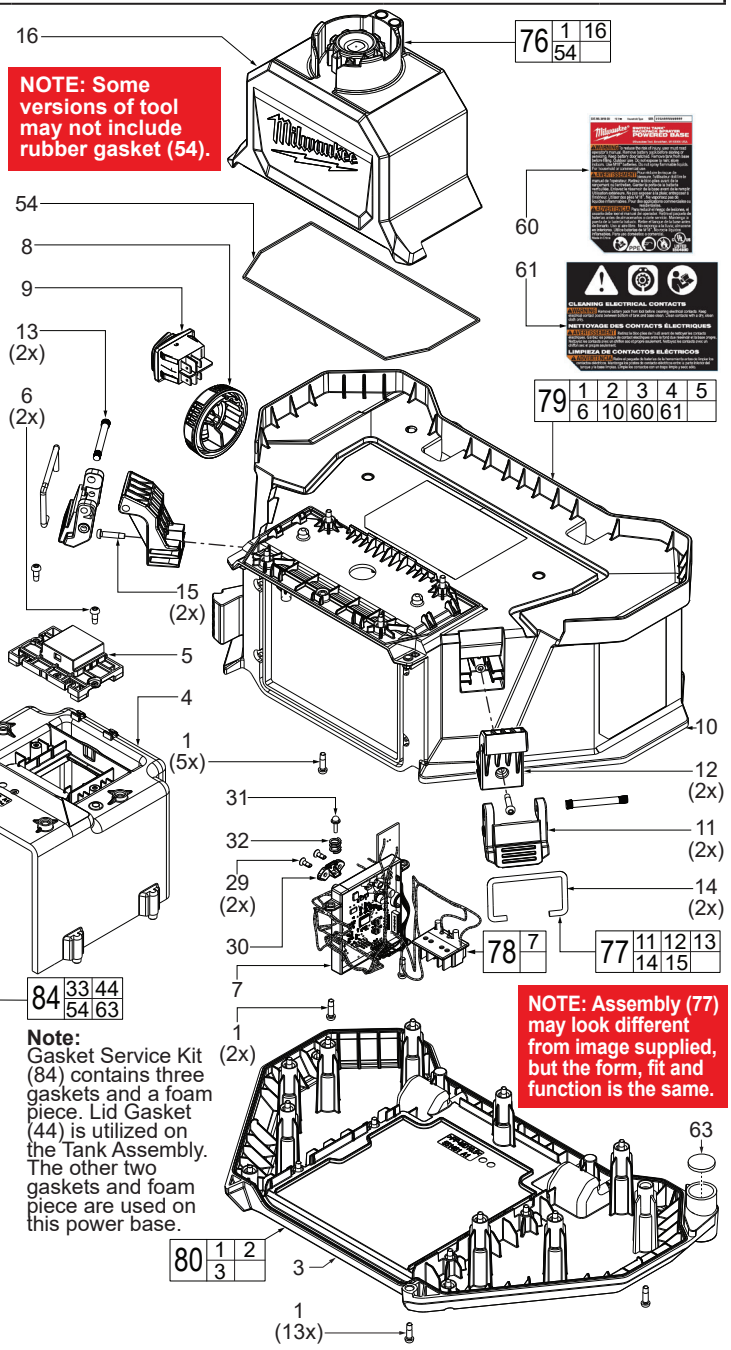
BULLETIN NO. 54-07-2825

SPECIFY CATALOG NO. AND SERIAL NO. WHEN ORDERING PARTS	REVISED BULLETIN	DATE
Switch Tank™ Backpack Sprayer Powered Base		June 2026
CATALOG NO. 3019-20 / **SERIAL NO. P98A**	WIRING INSTRUCTION **See Page 4**	
NAMEPLATE SPECIFICATIONS: 18 V ⎓		



Service components for the Frame and Harness Assembly are located on page 2

Switch Tank™ Backpack Sprayer Powered Base



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

Note:
Gasket Service Kit (84) contains three gaskets and a foam piece. Lid Gasket (44) is utilized on the Tank Assembly. The other two gaskets and foam piece are used on this power base.

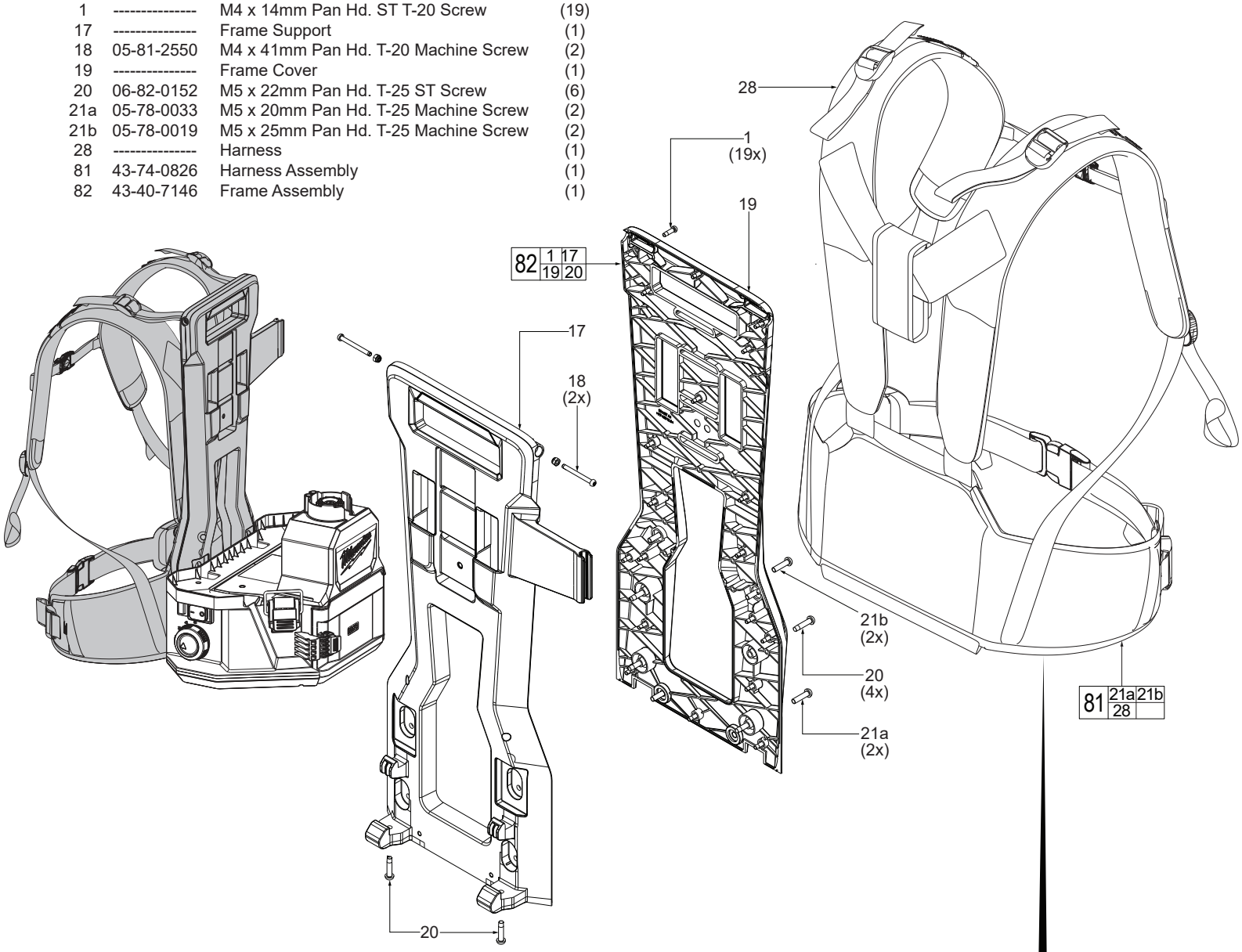
FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
1	----------	M4 x 14mm Pan Hd. ST T-20 Screw	(20)
2	----------	M4 x 12mm Pan Hd. ST T-20 Screw	(4)
3	----------	Bottom Cover	(1)
4	----------	Battery Cage	(1)
5	----------	Terminal Cap	(1)
6	05-88-1220	M4 x 10mm Pan Hd. ST T-20 Screw	(2)
7	----------	Control Board PCBA	(1)
8	43-76-1587	Dial	(1)
9	23-66-4148	Rocker Switch	(1)
10	----------	Main Housing	(1)
11	----------	Latch Flap	(2)
12	----------	Power Base Latch	(2)
13	----------	Latch Axle	(2)
14	----------	Power Base Latch Wire	(2)
15	06-82-0044	M4 x 18mm Pan Hd. ST T-20 Screw	(2)
16	----------	Motor Compartment Assembly	(1)
22	----------	Battery Door Latch Wire	(1)
23	----------	Battery Door Latch	(1)
24	----------	Battery Door Axle	(1)
25	----------	Battery Door	(1)
26	----------	Battery Door Pivot	(1)
29	----------	M3 x 8mm Flat Head Phillips Screw	(2)
30	----------	Dial Switch Ball Retainer	(1)
31	----------	Dial Ball Detent	(1)
32	----------	Dial Spring	(1)

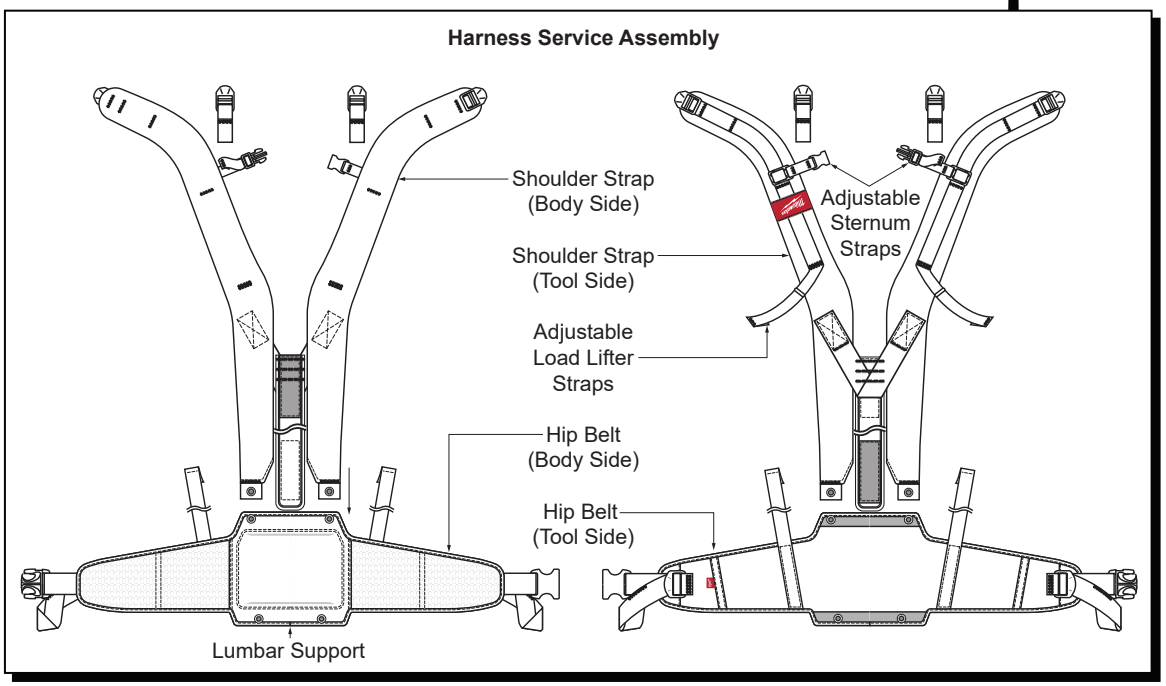
FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
33	----------	Door Gasket	(1)
54	----------	Rubber Gasket	(1)
60	12-20-7341	Service Nameplate	(1)
61	10-22-1974	Warning Label	(1)
63	----------	Foam Piece	(1)
76	14-38-0661	Motor Compartment Kit	(1)
77	14-47-1719	Power Base Latch Assy. (Set of 1)	(2)
78	14-20-7609	PCBA Assembly	(1)
79	22-64-1743	Powered Base Assembly	(1)
80	31-54-0639	Bottom Cover Kit	(1)
83	31-12-5214	Battery Door Assembly	(1)
84	43-44-7569	Gasket Kit	(1)

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Drwg. 2

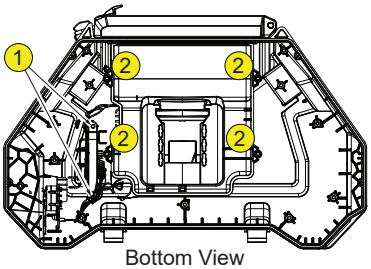
FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
1	----------	M4 x 14mm Pan Hd. ST T-20 Screw	(19)
17	----------	Frame Support	(1)
18	05-81-2550	M4 x 41mm Pan Hd. T-20 Machine Screw	(2)
19	----------	Frame Cover	(1)
20	06-82-0152	M5 x 22mm Pan Hd. T-25 ST Screw	(6)
21a	05-78-0033	M5 x 20mm Pan Hd. T-25 Machine Screw	(2)
21b	05-78-0019	M5 x 25mm Pan Hd. T-25 Machine Screw	(2)
28	----------	Harness	(1)
81	43-74-0826	Harness Assembly	(1)
82	43-40-7146	Frame Assembly	(1)



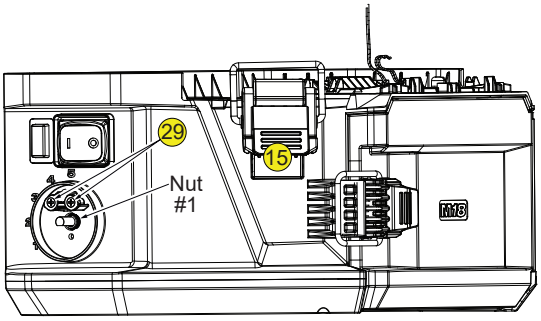


SCREW TORQUE SPECIFICATIONS

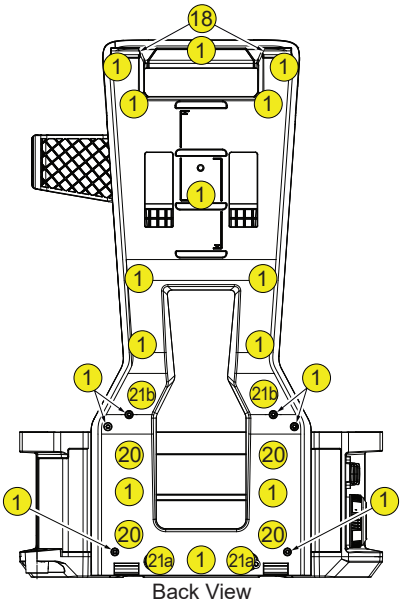
FIG.	PART NO.	DESCRIPTION OF FASTENER	WHERE USED	SEAT TORQUE (lb-in)	SEAT TORQUE (kgf-cm)
1	----------	M4 x 14mm Pan Hd. ST T-20 Screw	Frame Support and Frame Cover	6.9±0.8	8±1
1	----------	M4 x 14mm Pan Hd. ST T-20 Screw	Base	9.5±0.8	11±1
1	----------	M4 x 14mm Pan Hd. ST T-20 Screw	PCBA Control Board	6.9±0.8	8±1
1	----------	M4 x 14mm Pan Hd. ST T-20 Screw	Main Housing	7.8±0.8	9±1
2	----------	M4 x 12mm Pan Hd. ST T-20 Screw	Base	6.9±0.8	8±1
2	----------	M4 x 12mm Pan Hd. ST T-20 Screw	Battery Cage	5.2±0.8	6±1
6	05-88-1220	M4 x 10mm Pan Hd. ST T-20 Screw	Terminal Cap	8.2±0.8	9.5±1
15	06-82-0044	M4 x 18mm Pan Hd. ST T-20 Screw	Power Base Latch	6.5±0.8	7.5±1
18	05-81-2550	M4 x 41mm Pan Hd. T-20 Machine Screw	Frame Support and Frame Cover	4.3±0.8	5±1
20	06-82-0152	M5 x 22mm Pan Hd. ST T-25 Screw	Frame Support, Frame Cover, and Base	11.3±1.1	13±1.3
21a	05-78-0033	M5 x 20mm Pan Hd. T-25 Machine Screw	Frame Support and Frame Cover	27.8±1.7	32±2
21b	05-78-0019	M5 x 25mm Pan Hd. T-25 Machine Screw	Frame Support and Frame Cover	27.8±1.7	32±2
29	----------	M3 x 8mm Flat Head Phillips Screw	Main Housing	2.6±0.4	3±0.5
Nut 1	----------	Nut #1	PCBA to Main Housing	6.1±0.8	7±1



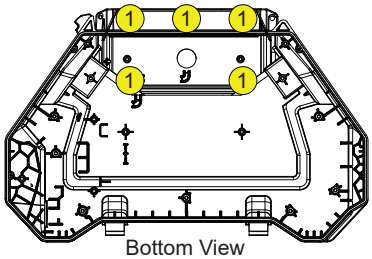
Bottom View
Battery Cage (4), PCBA (7),
and Main Housing (10)



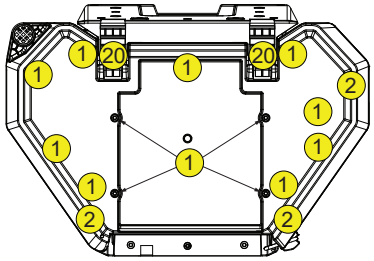
Side View
Main Housing (10)



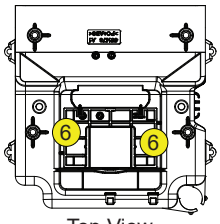
Back View
Frame Support (17) & Frame Cover (19)



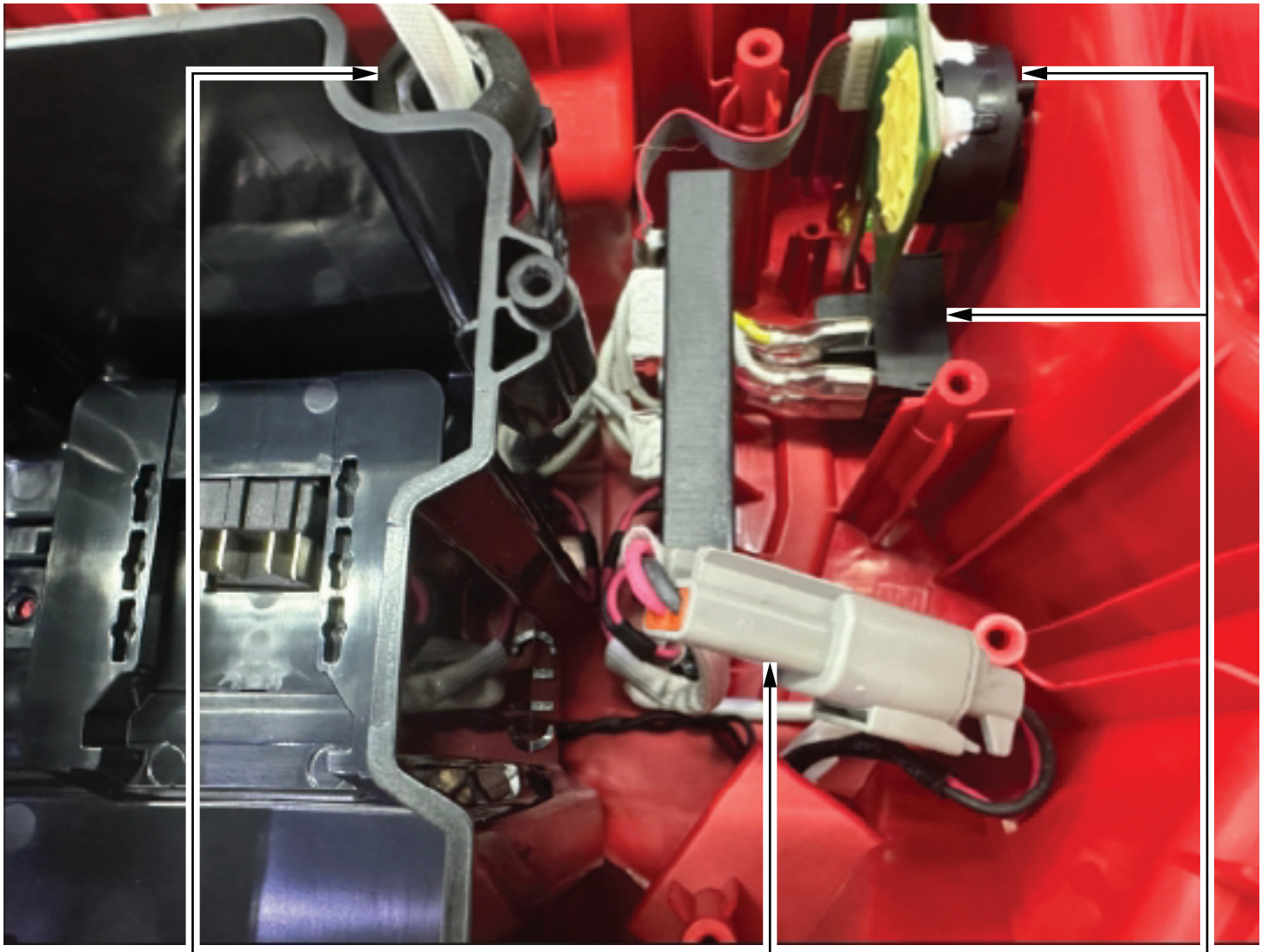
Bottom View
Main Housing (10)

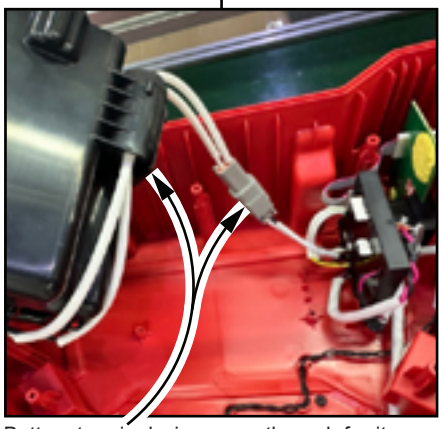


Bottom View
Bottom Cover (3)

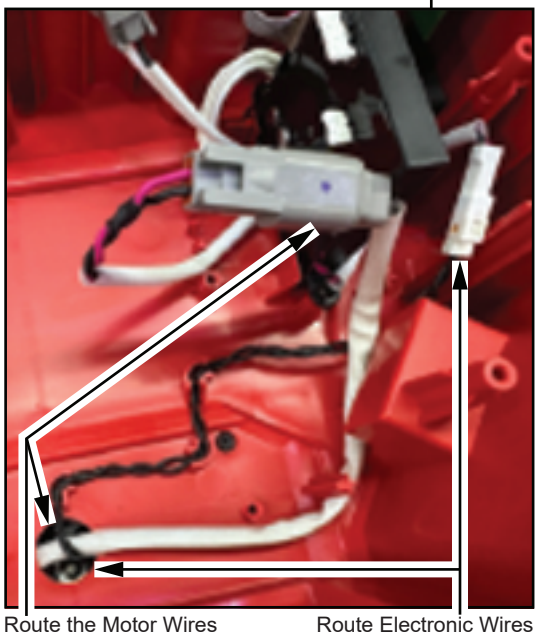


Top View
Battery Cage (4) and
Terminal Cap (5)



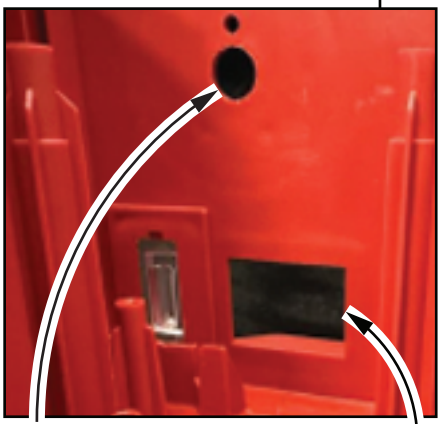


Battery terminal wires pass through ferrite, then connect to the PCBA terminals.



Route the Motor Wires through the housing hole, then connect to the PCBA terminal.

Route Electronic Wires through housing hole, then connect to PCBA terminal.



Place Speed Switch Assembly through this hole in Main Housing and secure with Hex Nut on the other side.

Snap Rocker Switch Assembly through this opening from other side of Main Housing.