



SERVICE PARTS LIST

BULLETIN NO.
54-05-0880

SPECIFY CATALOG NO. AND SERIAL NO. WHEN ORDERING PARTS		REVISED BULLETIN	DATE
M18™ FUEL 9-Gallon Dual Battery Dust Extractor w/ PACKOUT™ Compatibility and VACLINK™			Oct. 2025
CATALOG NO. 0888-20	SERIAL NO. P09A	WIRING INSTRUCTION See Pages 5 – 8	

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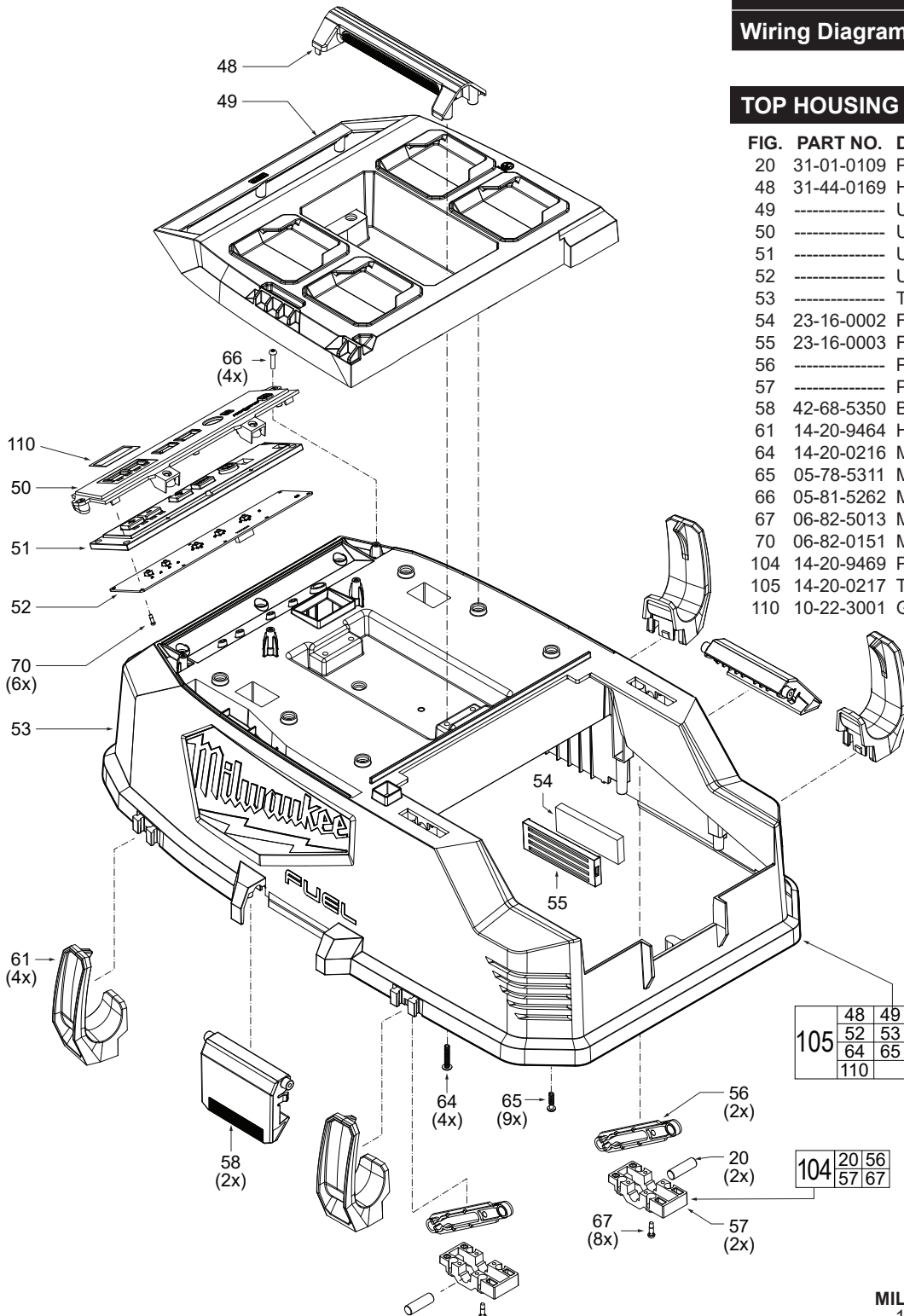
EXAMPLE:

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

Top Housing Assembly	Page 1
Bottom, Hatchback Housing, Battery Box and PCBA	Page 2
Midframe Assembly/Torque Specs	Page 3
Accessories	Page 4
Wiring Diagrams	Page 5-8

TOP HOUSING ASSEMBLY

FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
20	31-01-0109	Prop Rod Pin	(2)
48	31-44-0169	Handle	(1)
49	-----	UI Packout Cleat	(1)
50	-----	UI	(1)
51	-----	UI Buttons	(1)
52	-----	UI Board	(1)
53	-----	Top Housing	(1)
54	23-16-0002	Foam Block	(1)
55	23-16-0003	Foam Holder	(1)
56	-----	Prop Rod	(2)
57	-----	Pin Block	(2)
58	42-68-5350	Buckle	(2)
61	14-20-9464	Hose Wrap Hook	(4)
64	14-20-0216	M5 x 25mm Taptite Screw	(4)
65	05-78-5311	M3 x 1.34 PH Torx T-10 PT Screw	(9)
66	05-81-5262	M4 x 18mm PH Torx T-15 Screw	(4)
67	06-82-5013	M4 x 1.411 PH Torx T-20 Screw	(8)
70	06-82-0151	M3 x 1.058 PH Torx T-8 Screw	(6)
104	14-20-9469	Prop Rod Service Kit	(2)
105	14-20-0217	Top Housing Assembly	(1)
110	10-22-3001	Gauge Label	(1)



48	49	50	51
52	53	54	55
64	65	66	70
110			

20	56
57	67

BATTERY BOX TOP/BOTTOM ASSEMBLY/ HATCHBACK HOUSING ASSEMBLY

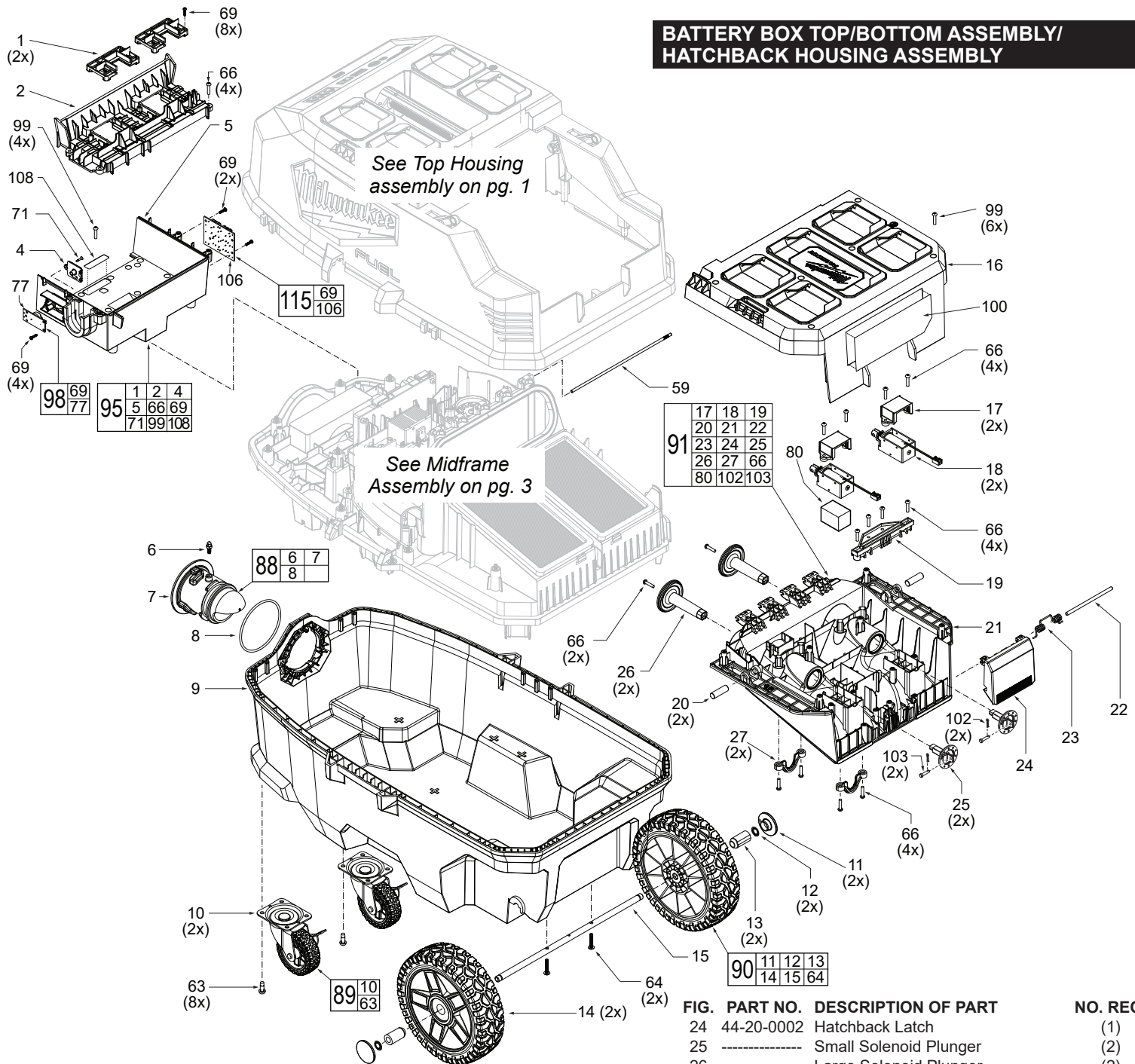


FIG. PART NO. DESCRIPTION OF PART

FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
1	-----	Terminal Block Cover	(2)
2	-----	Battery Box Top	(1)
4	-----	Coin Cell Cover	(1)
5	-----	Battery Box Bottom	(1)
6	-----	ESD Tank Probe	(1)
7	-----	Swivel Tri Turn Inlet	(1)
8	-----	Tank Adapter O-Ring	(1)
9	45-66-1005	Tank	(1)
10	-----	Caster	(2)
11	-----	Wheel Cap	(2)
12	-----	Push Nut	(2)
13	-----	Bushing	(2)
14	-----	Wheel	(2)
15	-----	Axle	(1)
16	14-20-9460	Hatch Top Cleats	(1)
17	-----	Solenoid Bracket	(2)
18	-----	Solenoid	(2)
19	-----	Hatchback Housing Latch Cover	(1)
20	31-01-0109	Prop Rod Pin	(2)
21	-----	Hatchback Housing	(1)
22	31-01-0124	Hatchback Latch Pin	(1)
23	40-50-0116	Latch Spring	(1)

FIG. PART NO. DESCRIPTION OF PART

FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
24	44-20-0002	Hatchback Latch	(1)
25	-----	Small Solenoid Plunger	(2)
26	-----	Large Solenoid Plunger	(2)
27	-----	Bracket Support Solenoid Valve	(2)
59	14-20-9468	Hatch Pin	(1)
63	06-82-0247	M6 x 1.814 PH Torx T-30 Screw	(8)
64	14-20-0216	M5 x 25mm Taptite Screw	(2)
66	05-81-5262	M4 x 18mm PH Torx T-15 Screw	(18)
69	05-78-0044	M3 x 1.27 PH PT Taptite Screw	(14)
71	05-80-0433	M3 x .907 FH Philips Screw	(1)
77	-----	Coin Cell Board	(1)
80	-----	Ferrite Snap	(1)
83	-----	AC Inlet Cover of Row	(1)
88	45-66-1010	Tank Inlet Service Kit	(1)
89	14-20-9455	Caster Wheel Service Kit	(1)
90	14-20-0215	Rear Wheel Service Kit	(1)
91	14-20-9461	Hatchback Housing Service Kit	(1)
95	14-20-9453	Battery Box Top Service Kit	(1)
98	14-20-9456	Coin Cell Board Service Kit	(1)
99	05-88-0400	M4 x 20mm PT Screw	(10)
100	12-20-0388	Service Nameplate	(1)
102	44-60-1070	Snap Pin	(2)
103	44-60-1075	Plunger/Solenoid Pin	(2)
106	-----	PCB Assembly	(1)
108	10-22-3015	Warning Label	(1)
115	14-20-6960	Discharge Daughter Board Kit	(1)

SERVICE PARTS - MIDFRAME ASSEMBLY

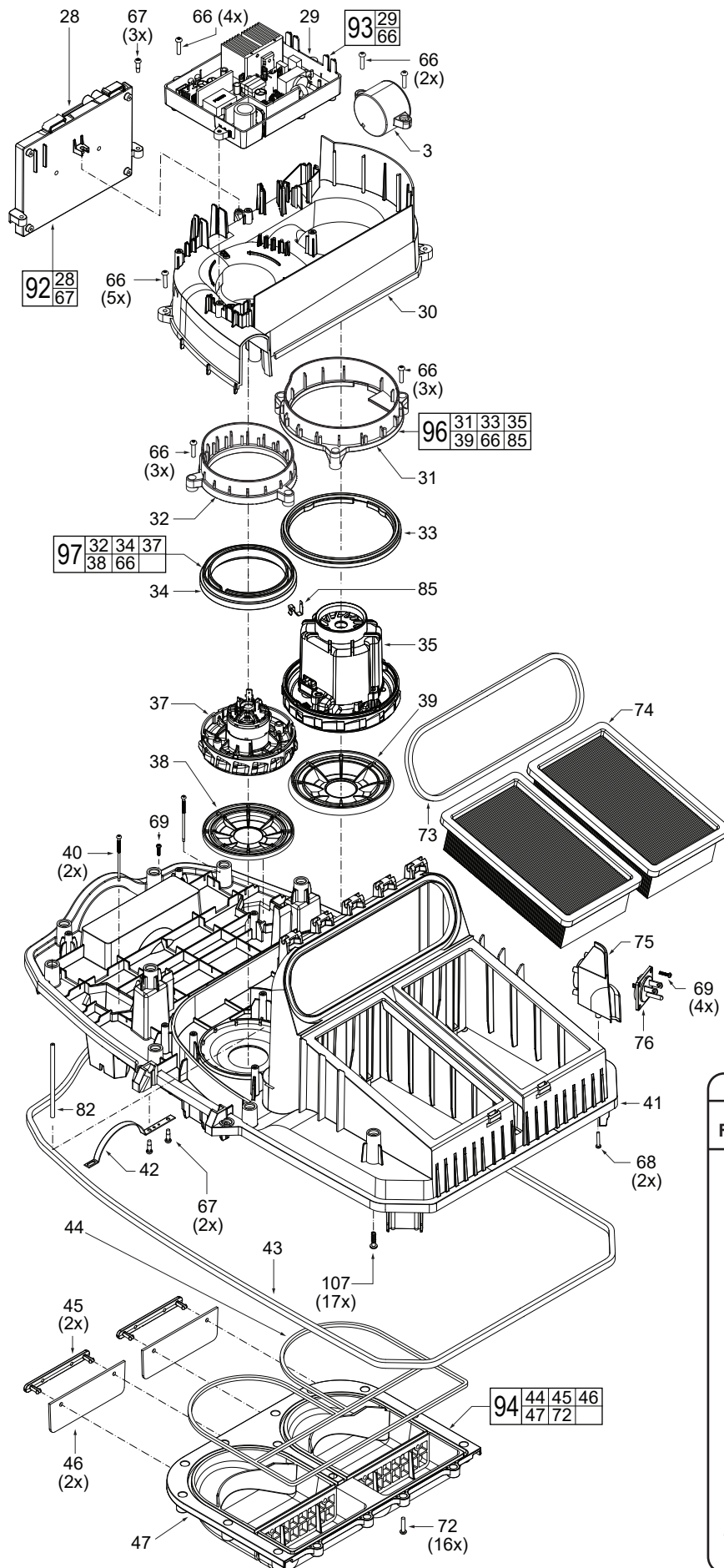


FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
3	23-94-0888	Buzzer	(1)
28	-----	AC-DC Main Board	(1)
29	-----	AC Motor Driver Board	(1)
30	14-20-9467	Motor Exhaust	(1)
31	-----	AC Motor Cover	(1)
32	-----	DC Motor Mount	(1)
33	-----	AC Motor Top Isolator	(1)
34	-----	Upper Isolator DC Motor	(1)
35	-----	AC Motor	(1)
37	-----	36V Motor	(1)
38	-----	Lower Isolator DC Motor	(1)
39	-----	AC Motor Lower Isolator	(1)
40	14-20-0219	Water Sensor Probe	(2)
41	31-01-0888	Midframe	(1)
42	14-20-9458	ESD Strap	(1)
43	45-06-0079	Midframe to Tank Seal	(1)
44	45-06-0003	Lower Midframe Air Path Seal	(1)
45	-----	One Piece Rivet	(2)
46	-----	Motor Shutoff Flap	(2)
47	-----	Lower Midframe Air Path	(1)
66	05-81-5262	M4 x 18mm PH Torx T-15 CH Screw	(17)
67	06-82-5013	M4 x 1.411 PH Torx T-20 Screw	(5)
68	06-82-0135	M3 x 1.34 PH Torx T-10 CH Screw	(2)
69	05-78-0044	M3 x 1.27 PH PT Taptite Screw	(5)
72	06-82-5015	M4 x 1.79 PH Torx T-15 PT Screw	(16)
73	14-20-9462	Hatchback Seal	(1)
74	49-90-1968	Filter	(2)
75	14-20-9451	AC Inlet Housing	(1)
76	23-33-0888	AC Inlet Wires Terminal	(1)
82	31-01-0001	Air Tube	(1)
85	23-94-0006	AC Motor Ground Clip	(1)
92	14-20-9452	Main Board Service Kit	(1)
93	14-20-9480	AC Motor Driver Board Service Kit	(1)
94	14-20-9465	Lower Midframe Air Path Service Kit	(1)
96	14-20-9450	AC Motor Service Kit	(1)
97	14-20-9446	36V Motor Service Kit	(1)
107	05-78-0006	M5 x 2.24 PH Torx T-20 Screw	(17)

SCREW TORQUE SPECIFICATIONS

FIG.	PART NO.	WHERE USED	SEAT TORQUE	
			kgf-cm	lb-in
6	-----	ESD Tank Probe	9-11	8-10
63	06-82-0247	Screw, Caster Wheels	28-32	24-28
64	14-20-0216	Screw, Rear Wheels/Top Hous.	11-13	10-11
65	05-78-5311	Screw, Top Housing	8-10	7-9
66	05-81-5262	Screw, Multiple Locations	7-9	6-8
66	05-81-5262	Screw, Large Solenoid Plunger	14-16	12-14
67	06-82-5013	Screw, Large Solenoid Plunger	7-9	6-8
67	06-82-5013	Screw, Main Board	5-6	4-5
67	06-82-5013	Screw, Prop Rod	6-8	5-7
68	06-82-0135	Screw, AC Outlet Housing	3-4	3-3.5
69	05-78-0044	Screw, AC Inlet/Coin Cell Board	4-6	3-5
69	05-78-0044	Screw, Terminal Block	5-7	4-6
69	05-78-0044	Screw, Midframe	8.5-9.5	7-8
70	06-82-0151	Screw, UI Board	4-6	3-5
71	05-80-0433	Screw, Coin Cell Cover	1.5-2.5	1-2
72	06-82-5015	Screw, Lower Midframe Air Path	9-11	8-10
99	05-88-0400	Screw, Battery Box	7-9	6-8
99	05-88-0400	Screw, Hatch Top	7-9	6-8
107	05-78-0006	Screw, Midframe Bottom	18-20	15.5-17

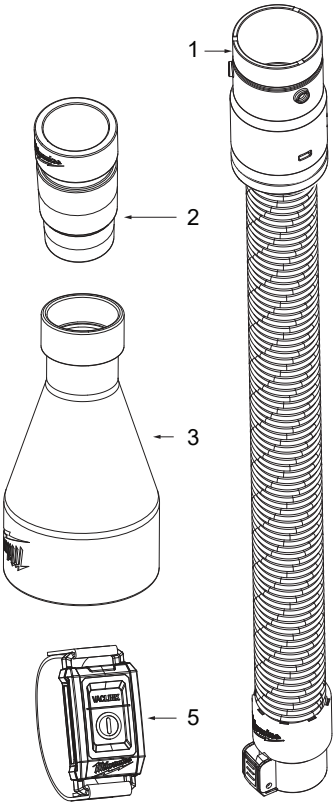
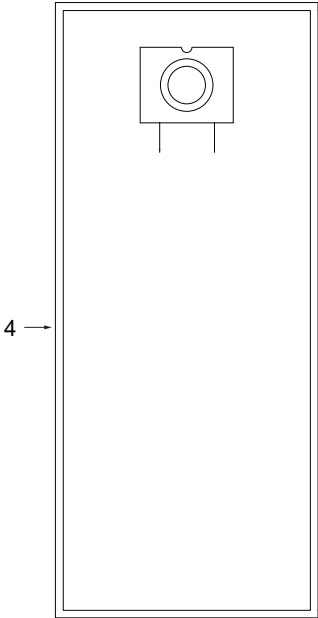
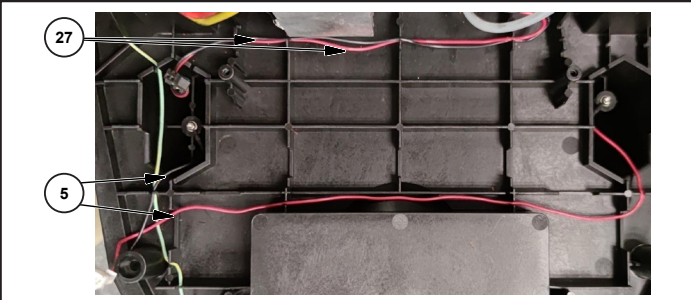
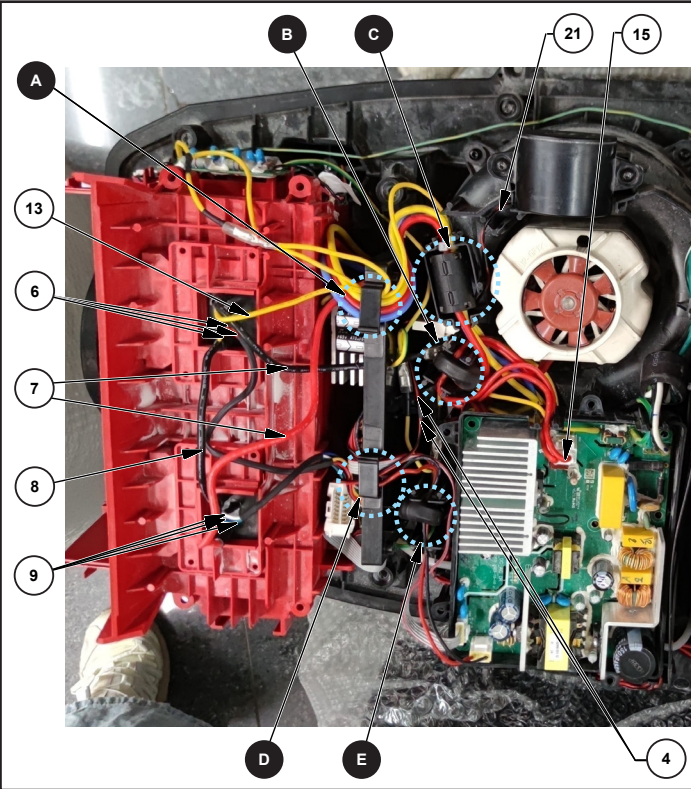


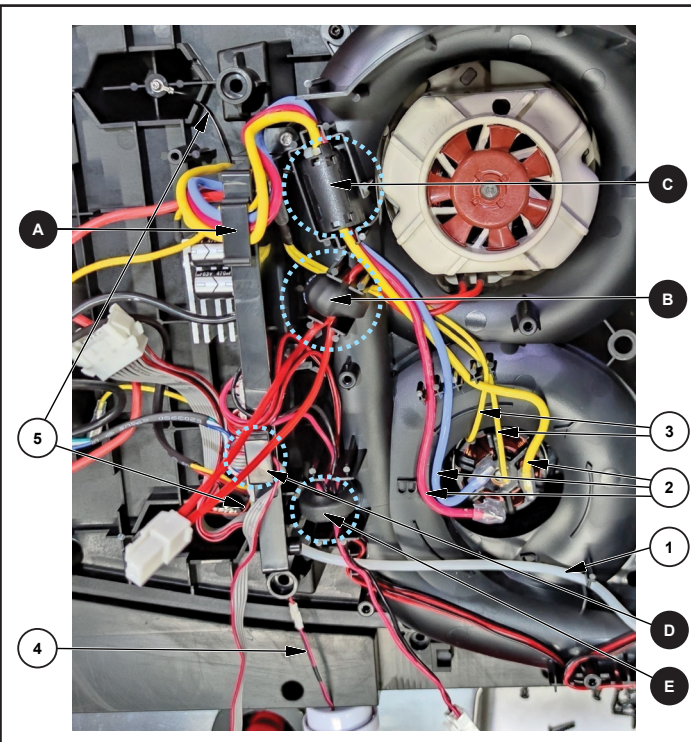
FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
1	14-20-9463	10' Hose Assembly	(1)
2	42-04-0125	Power Tool Adapter	(1)
3	42-04-0120	Table Saw Adapter	(1)
4	49-90-1969	Fleece Dust Bag (5-pk.)	(1)
5	0951-20	Wireless Dust Control Remote	(1)



WIRING DIAGRAMS



VIEW with AC MOTOR DRIVER BOARD REMOVED

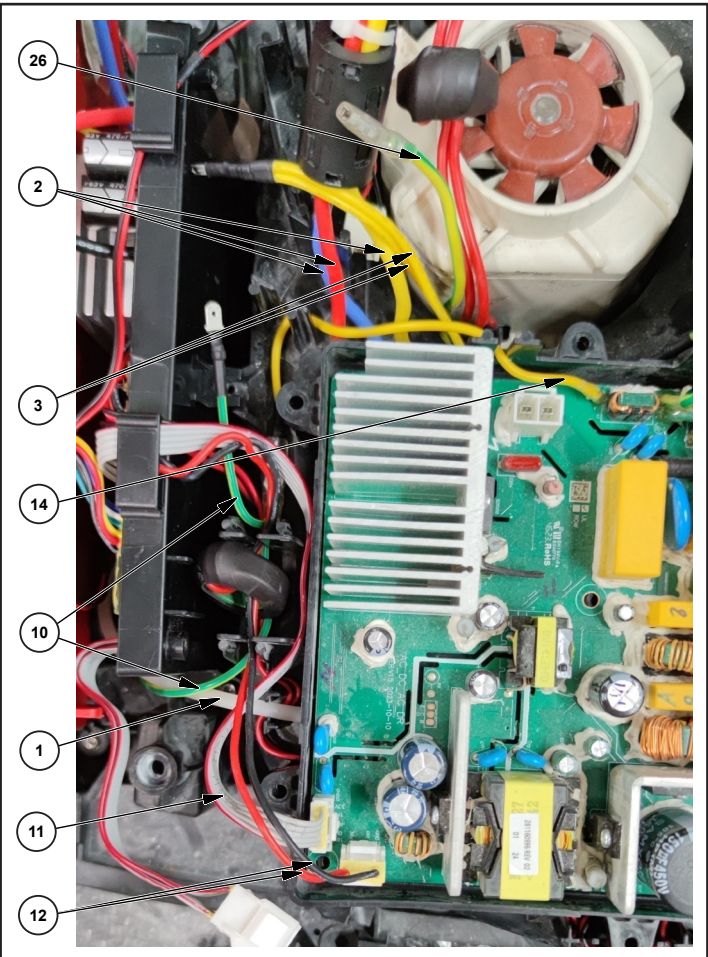


WIRE IDENTIFICATION AND ROUTING

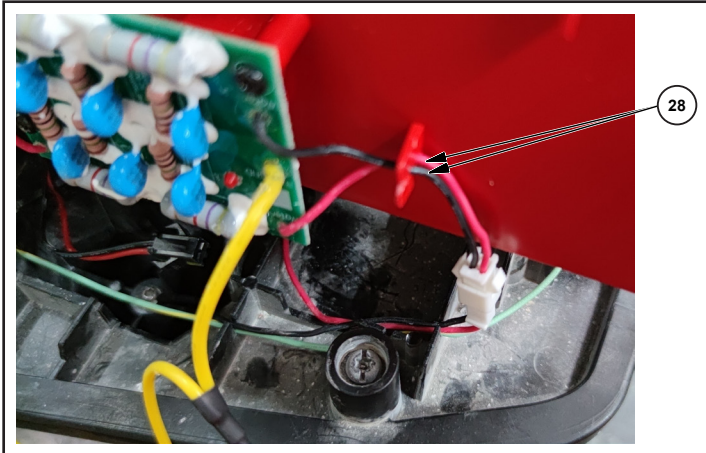
ITEM NO.	COLOR	TERMINALS, CONNECTORS and END-WIRE PREPARATION
1	Transparent	Detection Porosity to Pressure Sensor
2	Yellow/Red/Blue	Main Board to DC Motor
3	Yellow	DC Motor Ground Clip to Daughter Board
4	Black/Red	Main Board to Buzzer
5	Black/Red	Water Sensor Probe to Daughter Board
6	Black/Red/Yellow	Main Board to Battery Terminal 1
7	Black/Red	Main Board to Battery Terminal
8	Black	Battery Terminal to Battery Terminal 2
9	Green/White/Blue	Main Board to Terminal Block 2
10-1	Yellow-Green	Main Board to Connector of AC Board and Daughter Board
10-2	Yellow-Green	Main Board to Daughter Board (ROW Version)
11	Red-Gray	Main Board to AC Board
12	Black/Red	Main Board to AC Board
13	Yellow	Battery Terminal to Daughter Board
14	Yellow-Green	AC Motor Driver Board to Main Control Board (UL Version)/Daughter Board (ROW Version)
15	Red	AC Board to AC Motor
21	Red/Black	Buzzer to Main Board
26	Yellow-Green	AC Motor Ground Clip to Daughter Board
27	Black/Red	Main Board to Daughter Board

WIRE POSITIONING

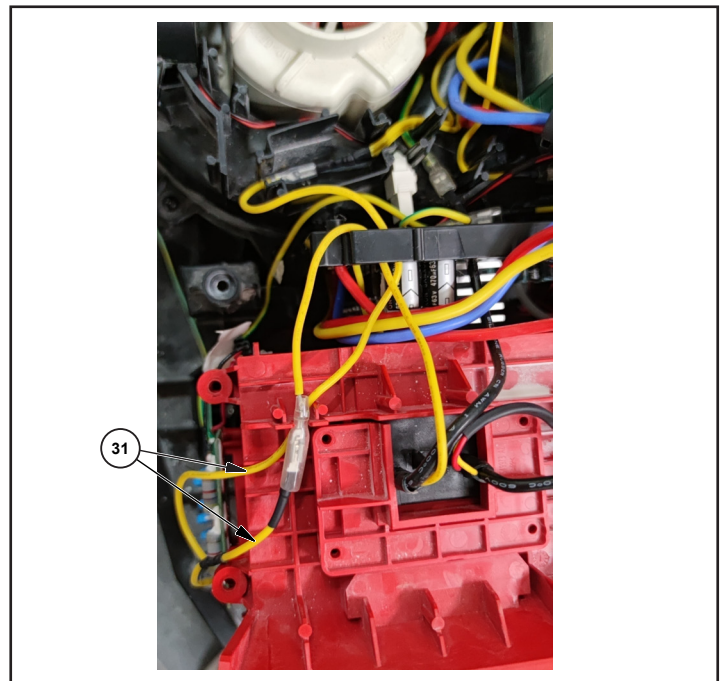
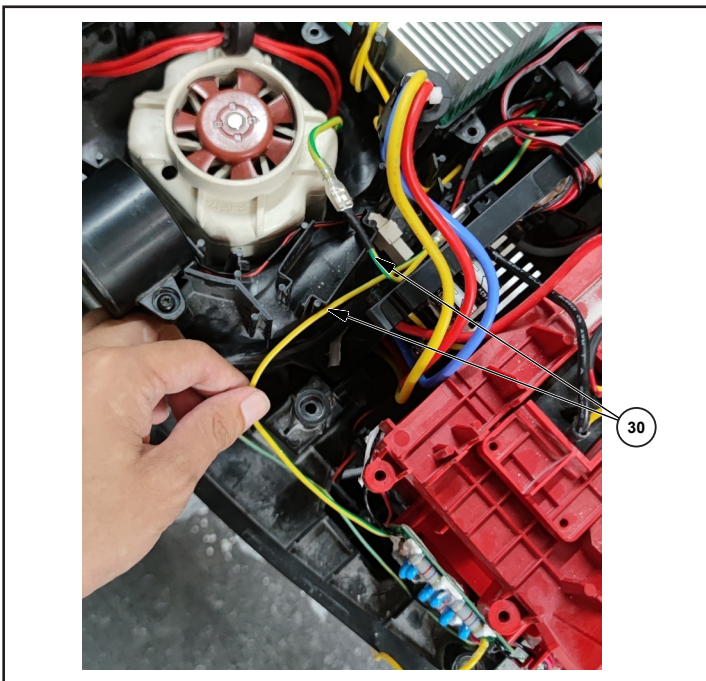
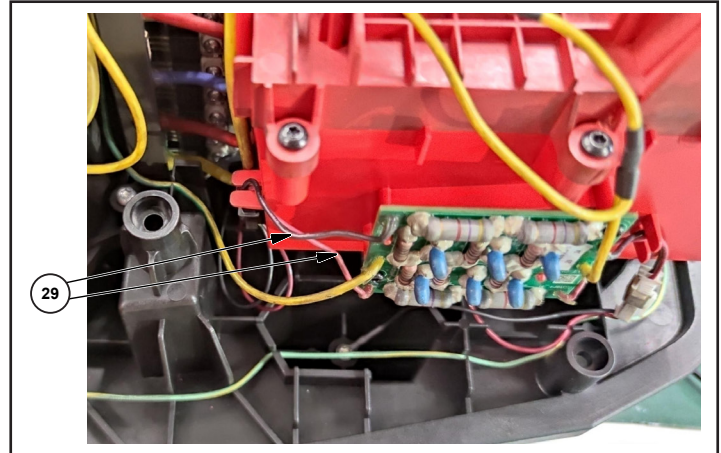
WIRES	INSTRUCTIONS	LOCATION
#2, #3, #13	Wires must be put into snap (A)	A
#14	Wire must be put under the magnet ring (B)	B
#3	Wire must be put under the magnet ring (C)	C
#4, #11, #12, #16	Wires must be put into snap (D)	D
#10, #16	Wires must be put under the magnet ring (E)	E



WIRING DIAGRAMS: DAUGHTER BOARD



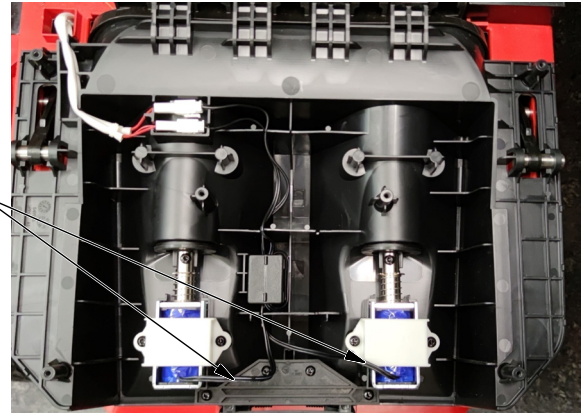
WIRING DIAGRAMS: DAUGHTER BOARD



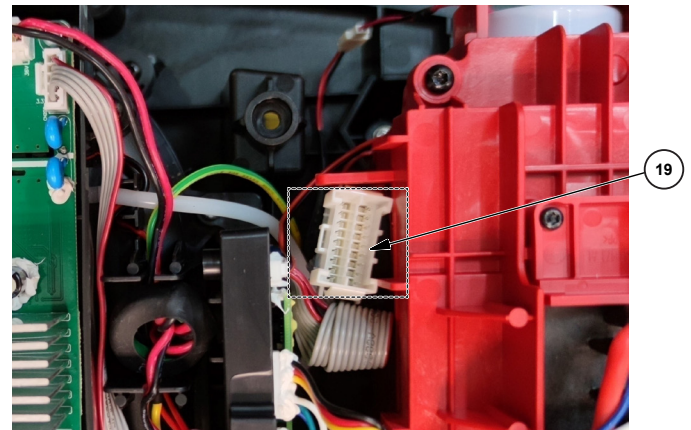
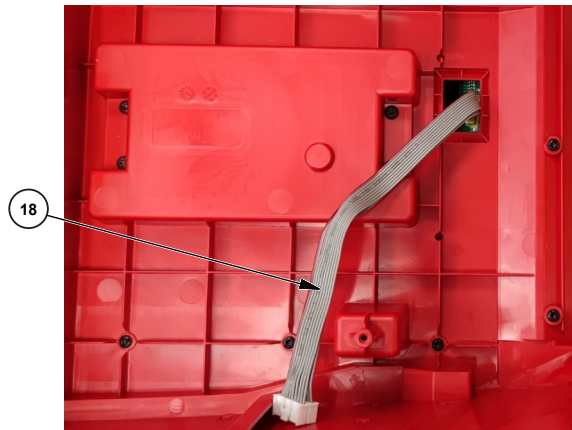
WIRE IDENTIFICATION AND ROUTING

ITEM NO.	COLOR	TERMINALS, CONNECTORS and END-WIRE PREPARATION
28	Black/Red	Daughter Board to Water Sensor Probe
29	Black/Red	Daughter Board to Main Board
30	Yellow-Green	Daughter Board to AC Motor Ground Wire (UL Version)/AC Driver Board (ROW Version) and Main Board
31	Yellow	Daughter Board to DC Motor Ground Wire and Battery Terminal

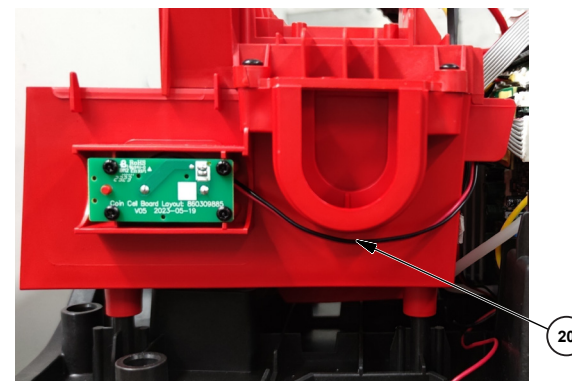
WIRING DIAGRAMS: SOLENOID



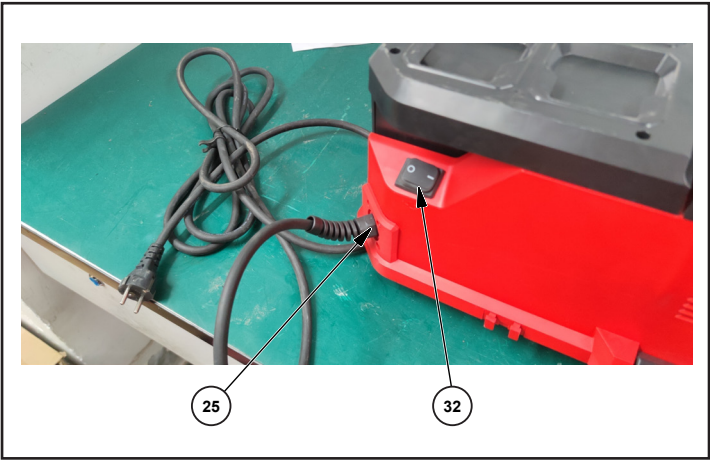
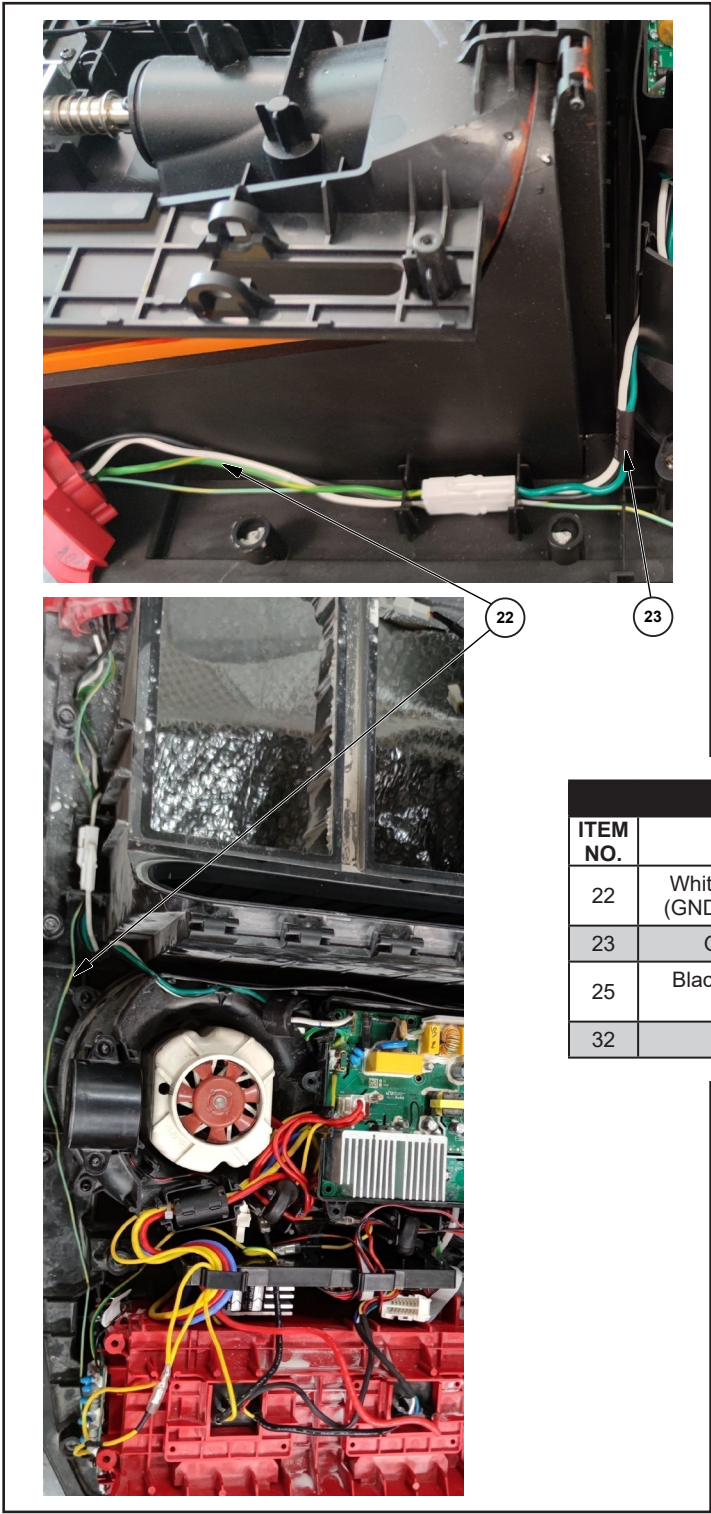
WIRING INSTRUCTIONS: UI



WIRING INSTRUCTIONS: COIN CELL BOARD and BUZZER



WIRE IDENTIFICATION AND ROUTING		
ITEM NO.	COLOR	TERMINALS, CONNECTORS and END-WIRE PREPARATION
16	Black/Red	Main Board to Connector of Solenoid
17	Black	Solenoid to Connector From Main Board
18	Red-Gray	UI Board to Main Board Connector
19	Red-Gray	Main Board to Connector of UI Board
20	Red/Black	Coin Cell Board to Main Control Board



WIRE IDENTIFICATION AND ROUTING		
ITEM NO.	COLOR	TERMINALS, CONNECTORS and END-WIRE PREPARATION
22	White/Black/Green-Yellow (GND)/Green/Yellow (ESD)	AC Plug to Connector of AC Driver Board
23	Green/Black/White	AC Driver Board to AC Inlet Connector
25	Black/Blue/Brown/Yellow-Green (GND)	Power Cord to Connector of AC Driver Board and Switch
32	Blue/Brown	Switch to AC Driver Board and Power Cord