

Auto  
Scrubber  
Parts Manual





**PROTECT THE ENVIRONMENT**

Please dispose of packaging materials, old machine components such as batteries, hazardous fluids, including antifreeze and oil, in an environmentally safe way according to local waste disposal regulations.



Always remember to recycle.

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Specifications and parts are subject to change without notice.

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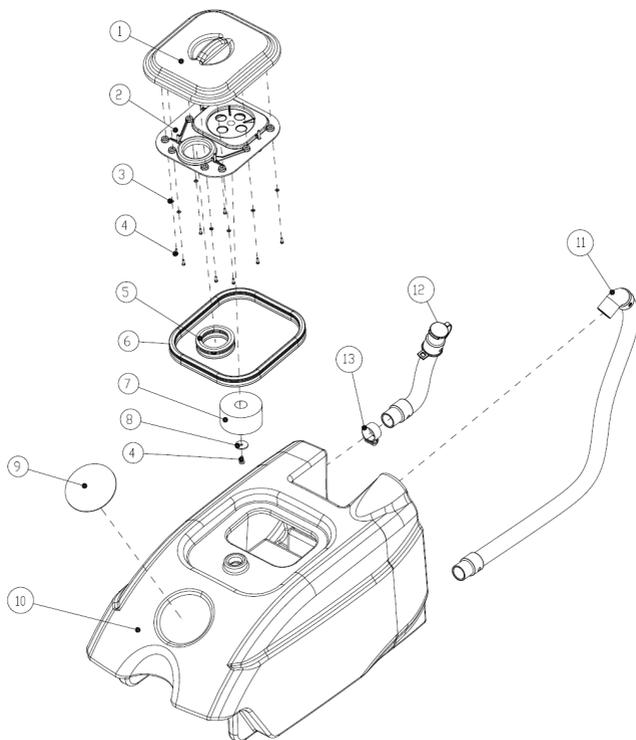
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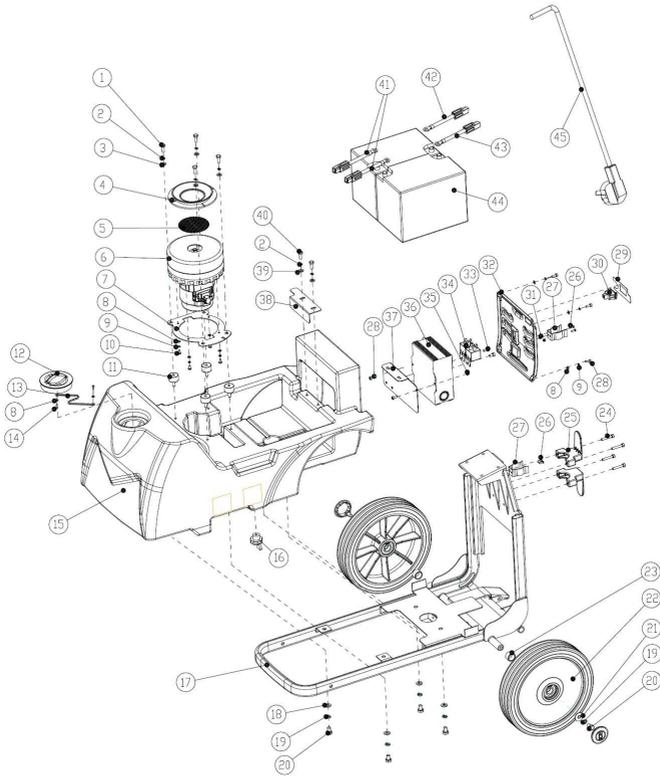
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RECOVERY TANK GROUP



<b>DIA NO</b>	<b>PART NUMBER</b>	<b>DESCRIPTION</b>	<b>NO REQ'D</b>
1	8401204	RECOVERY LID	1
2	8401205	LOWER LID OF RECOVERY TANK	1
3	1421409	FLAT WASHER M4× 9×0.8	8
4	1321110	SCREW, ST3.5×10	9
5	8401207	RECOVERY TANK COVER SEAL	1
6	8401206	RECOVERY TANK COVER SEAL	1
7	8401208	FLOAT	1
8	1421425	FLAT WASHER, 4.3× 25×1.5	1
9	4010316	ICE LOGO	1
10	8401201	RECOVERY TANK	1
11	8401210	VACUUM HOSE	1
12	8401211	DRAIN HOSE	1
13	1962032	CLAMP	1

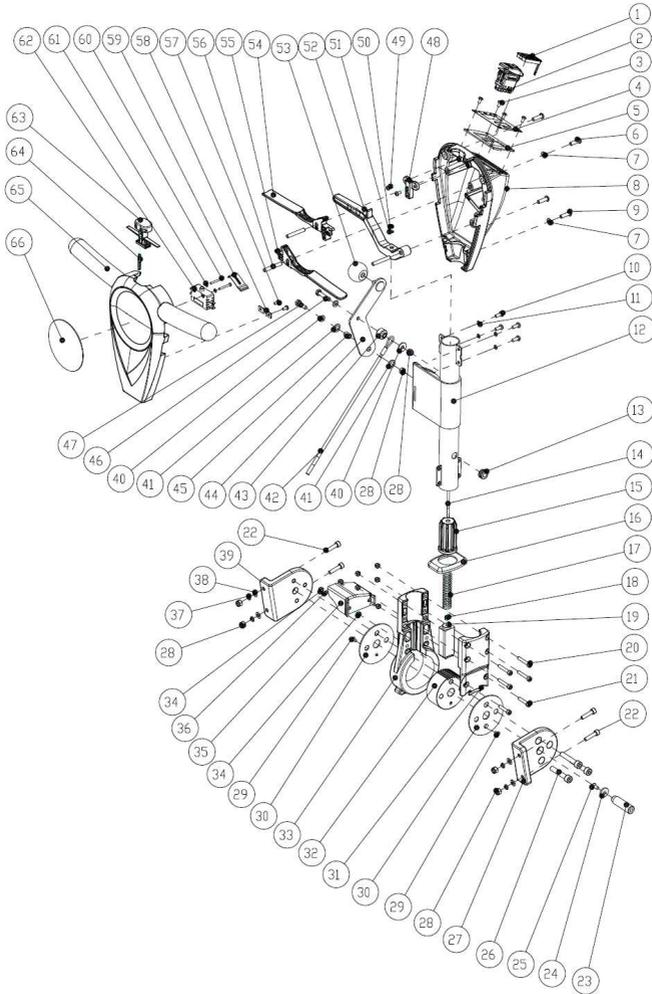
**SOLUTION TANK GROUP**



DIA NO	PART NUMBER	DESCRIPTION	NO REQ'D
1	1221612	SCREW, M6×12	4
2	1422616	LOCK WASHER, M6	6
3	1421616	FLAT WASHER M6× 16×1	4
4	8401212	VACUUM SEAL	1
5	8401213	FILTER	1
6	8401203	VACUUM MOTOR, 24VDC	1
7	8401209	MOUNTING PLATE	1
8	1421409	FLAT WASHER M4× 9×0.8	8
9	1422411	LOCK WASHER, M4	8

DIA NO	PART NUMBER	DESCRIPTION	NO REQ'D
10	1321213	SCREW, ST4×13	4
11	8310208	ISOLATER, M6	4
12	8401202	FRONT FILL COVER	1
13	8050153	CHAIN, FRONT COVER	1
14	1321110	SCREW, ST3.5×10	2
15	8401101	SOLUTION TANK	1
16	8401121	SOLUTION DRAIN CAP	1
17	8401102	MAIN FRAME	1
18	1421824	FLAT WASHER M8× 24×2	4
19	1422821	LOCK WASHER, M8	6
20	1021820	SCREW, M8×20	6
21	1421828	FLAT WASHER M8× 28×3	2
22	8401108	WHEEL, 10 INCH	2
23	8401127	BUSHING	2
24	1511525	SCREW, M5×25, HEX SOCKET CORD WRAP	4
25	4010405	SCREW, M3×10, HEX HEAD	2
26	1221310GL	HOSE CLAMP	4
27	8401131	SCREW, M4×10	2
28	1221410	DECAL, SWITCH	6
29	8401133	ROCKER SWITCH	1
30	6210503	NUT, LOCK M3	1
31	1123305	REAR COVER	2
32	8401104	SCREW, M5×10	1
33	1221510	RELAY 40A	2
34	8114707	NUT, LOCK M4	2
35	1123406	BATTERY CHARGER, 24V	2
36	8401107	MOUNTING PLATE	1
37	8401103	MOUNTING PLATE	1
38	8401132	LOCK WASHER, M6	1
39	1421612	SCREW M6×16	2
40	1021616	BATTERY CONNECT CABLE, RED	2
41	8401711	BATTERY CONNECT CABLE, BLACK	2
42	8401712	BATTERY CONNECT CABLE, RED	1
43	8401713	BATTERY (LEOCH AGMU1 (12V 35AH))	1
44	8401710		2
		CHARGER CORD (FOR US)	
		CHARGER CORD (FOR EU)	
45	8112030	CHARGER CORD (FOR JP)	1
	8112040	CHARGER CORD (FOR CH)	1
	8112050	CHARGER CORD (FOR UK)	1
	8112060		1
	8112070		1

HANDLE ASSEMBLY



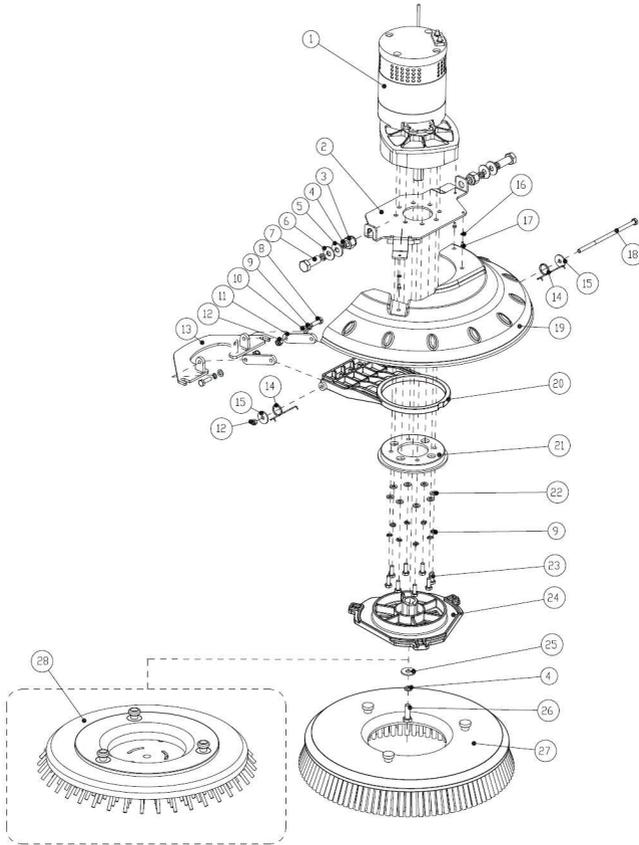
DIA NO	PART NUMBER	DESCRIPTION	NO REQ'D
1	8014063	BATTERY CAPACITY METER	1
2	1885301	POWER CONTROL SWITCH	1
3	1211410	SCREW, M4×10	4
4	8401704	DECAL, CONTROL PANEL	1
5	8401703	CONTROL PANEL	1
6	1512625	SCREW, M6×25	2
7	1421616	FLAT WASHER M6× 16×1.0	4
8	8401401	THE HANDLE BACK COVER	1
9	1512635	SCREW, M6×35	2
10	1211512	SCREW, M5×12	4
11	1434500	TOOTH WASHER, 5	4
12	8401402	HANDLE TUBE	1
13	8401405	CONTROL LINE PROTECTION RING	1
14	8401403	PULL ROD	1
15	4010207	SEAT, SPRING	1
16	4010216	SEAL, SEAT	1
17	4010208	SPRING, LEVELING	1
18	1111403	NUT M4	1
19	4010211	INSERT	1
20	1511530	SCREW, M5×30	4
21	1511540	SCREW, M5×40	2
22	1521620	SCREW, M6×20	4
23	4010110	SHAFT	1
24	4010114	WASHER	1
25	1222512	SCREW, M5×12	1
26	1521845	SCREW, M8×45	1
27	5012416	HANDLE, STAND, LEFT	1
28	1123608	NUT M6	4
29	1212410	SCREW, M4×10	2
30	4010212	COVER	2
31	4010202	COVER, SEAT GEAR	1
32	8401404	GEAR	1
33	4010201	MOUNTING BASE, GEAR	1
34	1123507	NUT M5	8
35	8401415	MOUNTING BRACKET	1
36	1421510	FLAT WASHER M5× 10×1.0	2
37	1422616	LOCK WASHER, M6	4
38	1421612	FLAT WASHER M6× 12×1.0	4
39	5012415	HANDLE, STAND, RIGHT	1
40	1421618	FLAT WASHER M6× 18×1.6	3
41	8113111	NYLON FLAT WASHER 12.9× 25.4×0.8	2
42	8401411	SQUEEGEE LIFT CABLE	1

## PARTS MANUAL

DIA NO	PART NUMBER	DESCRIPTION	NO REQ'D
43	8014101	LIFTING CABLE SPACER	1
44	8401407	HANDLE, SQUEEGEE LIFT	1
45	8401413	AXLE SLEEVE	1
46	1021630	HEX HEAD BOLT M6×30, SS	1
47	1021620	HEX HEAD BOLT M6×20, SS	1
48	4010317	SEAT, BALL	1
49	1211408	SCREW, M4×8	2
50	1123406	NUT M4	1
51	1421412	FLAT WASHER M4× 12×1.0	1
52	4010304	LEVELONG ROD	1
53	8113104	BALL KNOB M8	1
54	4010330	TRIGGER, SWITCH, RIGHT	1
55	4010331	TRIGGER, SWITCH, LEFT	1
56	4010314	PIN	4
57	1221406	SCREW M4×6	2
58	4010311	CLAMP, CORD	1
59	4010323	SPRING, SWITCH	1
60	1211325	SCREW M3×25	2
61	1434300	TOOTH WASHER M3	2
62	4010308	SWITCH	1
63	4010307	SAFETY, BUTTON	1
64	4010333	SPRING, SAFTY	1
65	8401408	FRONT COVER	1
66	4010316	ICE, LOGO	1

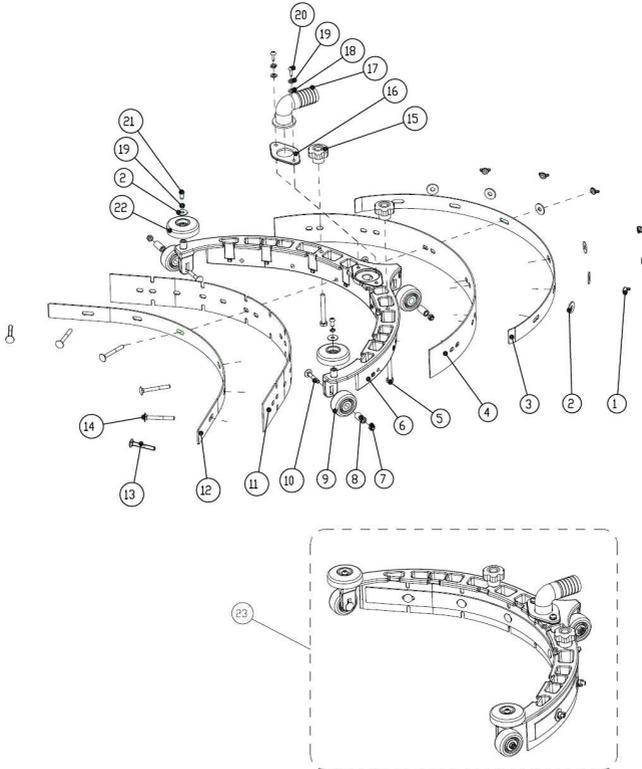


SCRUB HEAD GROUP



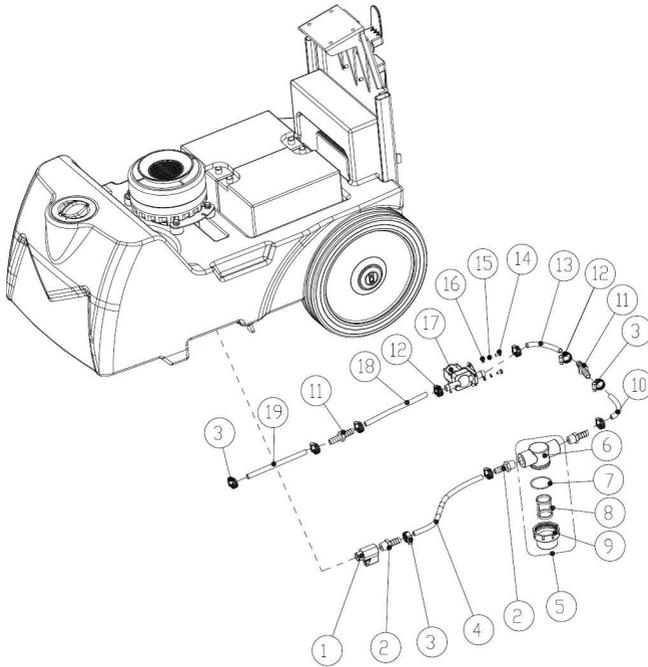
DIA NO	PART NUMBER	DESCRIPTION	NO REQ'D
1	8401310	BRUSH MOTOR, 24VDC, KIT	1
2	8401303	MOUNTING PLATE	1
3	1123810	LOCK NUT M8	2
4	1422821	WASHER LOCK 8	5
5	1421824	FLAT WASHER M8× 24×2.0	2
6	1421816	FLAT WASHER M8× 16×1.0	2
7	1021835	SCREW M8×35	2
8	1021620	SCREW M6×20	2
9	1422616	WASHER LOCK 6	10
10	1421616	FLAT WASHER M6× 16×1.0	2
11	8401512	CONNECTING ROD	2
12	1123608	LOCK NUT M6	3
13	8401511	SQUEEGEE MOUNT BRACKET	1
14	8401515	SPRING	2
15	1421622	FLAT WASHER M6× 22×2.0	2
16	1421409	FLAT WASHER M4× 9×1.0	3
17	1221410	SCREW M4×10	3
18	8401516	SCREW	1
19	8401301	BRUSH PLATE COVER	1
20	8401513	BRACKET, BRUSH MOTOR	1
21	8401514	MOUNT, BRUSH MOTOR	1
22	1421612	FLAT WASHER M6× 12×1.0	8
23	1021616	SCREW M6×16	8
24	8401305	BRUSH PLATE HOLDER	1
25	1421828	FLAT WASHER M8× 28×2.0	1
26	1021825	SCREW M8×25	1
27	9050015	15" BRUSH	1
28	9040015	15" PAD DRIVER	1

SQUEEGEE GROUP



DIA NO	PART NUMBER	DESCRIPTION	NO REQ'D
1	1127510	NUT M5	6
2	1421515	FLAT WASHER M5× 16×1.0	8
3	8401504	CLAMP ASSEMBLY, REAR	1
4	8401503	SQUEEGEE BLADE, REAR, LINATEX	1
5	1021650	HEX HEAD BOLT M6×50	2
6	8401501	SQUEEGEE HOUSING	1
7	1123507	NUT M5	3
8	8401517	AXLE SLEEVE	3
9	8401518	SQUEEGEE WHEEL, 1.5INCH	3
10	1033535	SCREW M5×35	3
11	8401502	SQUEEGEE BLADE, FRONT, LINATEX	1
12	8401505	CLAMP ASSEMBLY, FRONT	1
13	1033540	SCREW M5×40	2
14	1033545	SCREW M5×45	4
15	7000177	KNOB	2
16	8401506	PLATE, COUPLING	1
17	8401507	ANGLE COUPLING	1
18	1421510	FLAT WASHER M5× 10×1.0	2
19	1422513	WASHER LOCK 5	4
20	1321316	SELF-TAPPING SCREW ST4,8×16	2
21	1321310	SELF-TAPPING SCREW ST4,8×10	2
22	8411607	BUMPER WHEEL	2
23	8401500	SQUEEGEE ASSEMBLY, LINATEX	1

SOLUTION FLOW GROUP

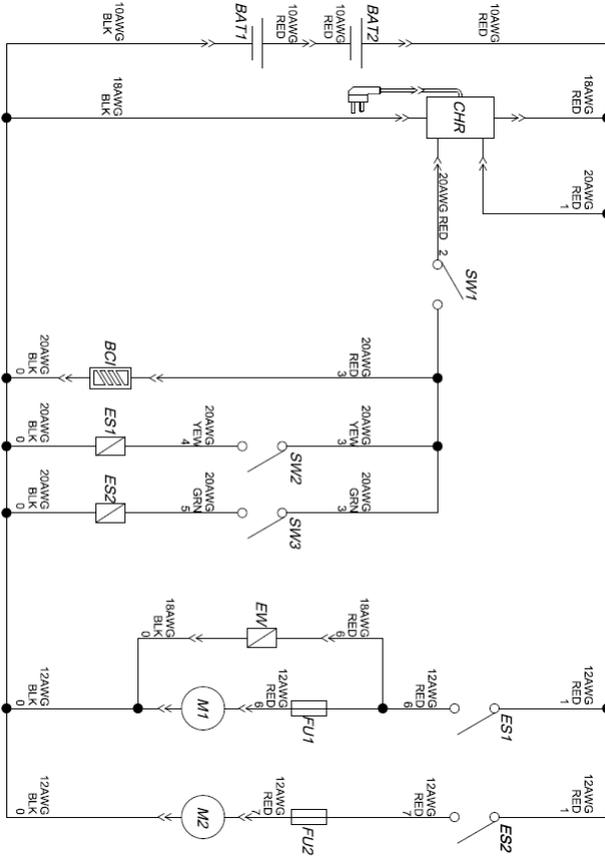


DIA NO	PART NUMBER	DESCRIPTION	NO REQ'D
1	8018006	BALL VALVE, 3/8	1
2	8401116	ELBOW, 3/8	3
3	8401142	CLAMP	6
4	8401134	TUBING, ID=8MM L=300mm	1
5	8401115	FILTER ASSEMBLY	1
6	8401111	BASE, FILTER ASSEMBLY	1
7	8401114	O RING	1
8	8401112	SCREEN, FILTER	1
9	8401113	CAP, FILTER ASSEMBLY	1
10	8401135	TUBING, ID=8MM L=120mm	1
11	8401129	ELBOW	2
12	1962016	CLAMP	4
13	8401136	TUBING, ID=12MM L=120mm	2
14	1221410	SCREW M4×10	2
15	1422411	WASHER LOCK 4	2
16	1421409	FLAT WASHER M4× 9×1.0	2
17	8018007	SOLENOID VALVE, 24VDC	1
18	8401137	TUBING, ID=12MM L=200mm	1
19	8401138	TUBING, ID=8MM L=150mm	1

## WEAR AND TEAR PARTS LIST

<b>DIA NO</b>	<b>PART NUMBER</b>	<b>DESCRIPTION</b>	<b>NO REQ'D</b>
1	8401108	WHEEL, 10 INCH, WITH BEARINGS	2
2	8411607	BUMPER WHEEL	2
3	8401518	SQUEEGEE WHEEL	3
4	8401502	FRONT SQUEEGEE BLADE, LINATEX	1
5	8401503	REAR SQUEEGEE BLADE, LINATEX	1
6	9040015	PAD HOLDER, 15 INCH	1
7	9050015	BRUSH, 15 INCH	1

WIRING DIAGRAM



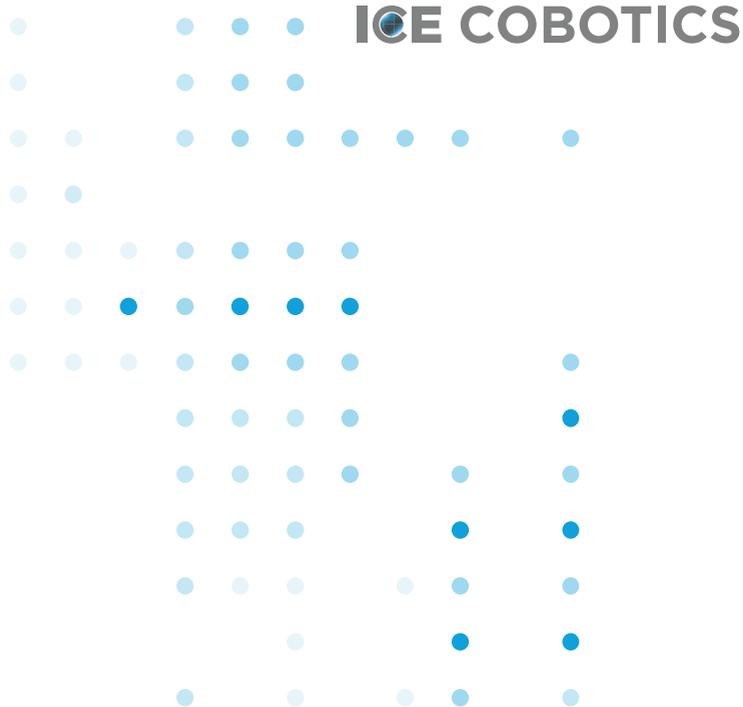
## PARTS MANUAL

BAT1:	12 V battery
BAT2:	12 V battery
FU1:	FUSE 25A
FU2:	FUSE 30A
CHR:	Chargwe
SW1:	Main Switch
SW2:	Brush motor switch and solution solenoid valve
SW3:	Vacuum motor switch
BCI:	Battery capacity indicator
ES1:	Brush motor switch and solution solenoid valve
ES2:	Vacuum motor relay
EW:	Solution solenoid valve
M1:	Brush motor
M2:	Vacuum motor
RED:	Red
BLK:	Black
GRN:	Green
YEW:	Yellow



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