

1. Robomow Layout & Spare Parts

This first section is dedicated to the layout of the Robomow, how it is constructed, part numbers and identification of parts.

Important: Be sure to review section 1.1 (Orientation). It explains what is referred to as “right”, “left” etc. Failure to understand this can result in a mistake or problem in the analysis or repair of the product.

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1.1 Robomow layout and main components

1.1.1 Robomow top view



Figure 1.1.1 Top view

1.1.2 Robomow bottom view

Note: Mower sides are determined by its top view

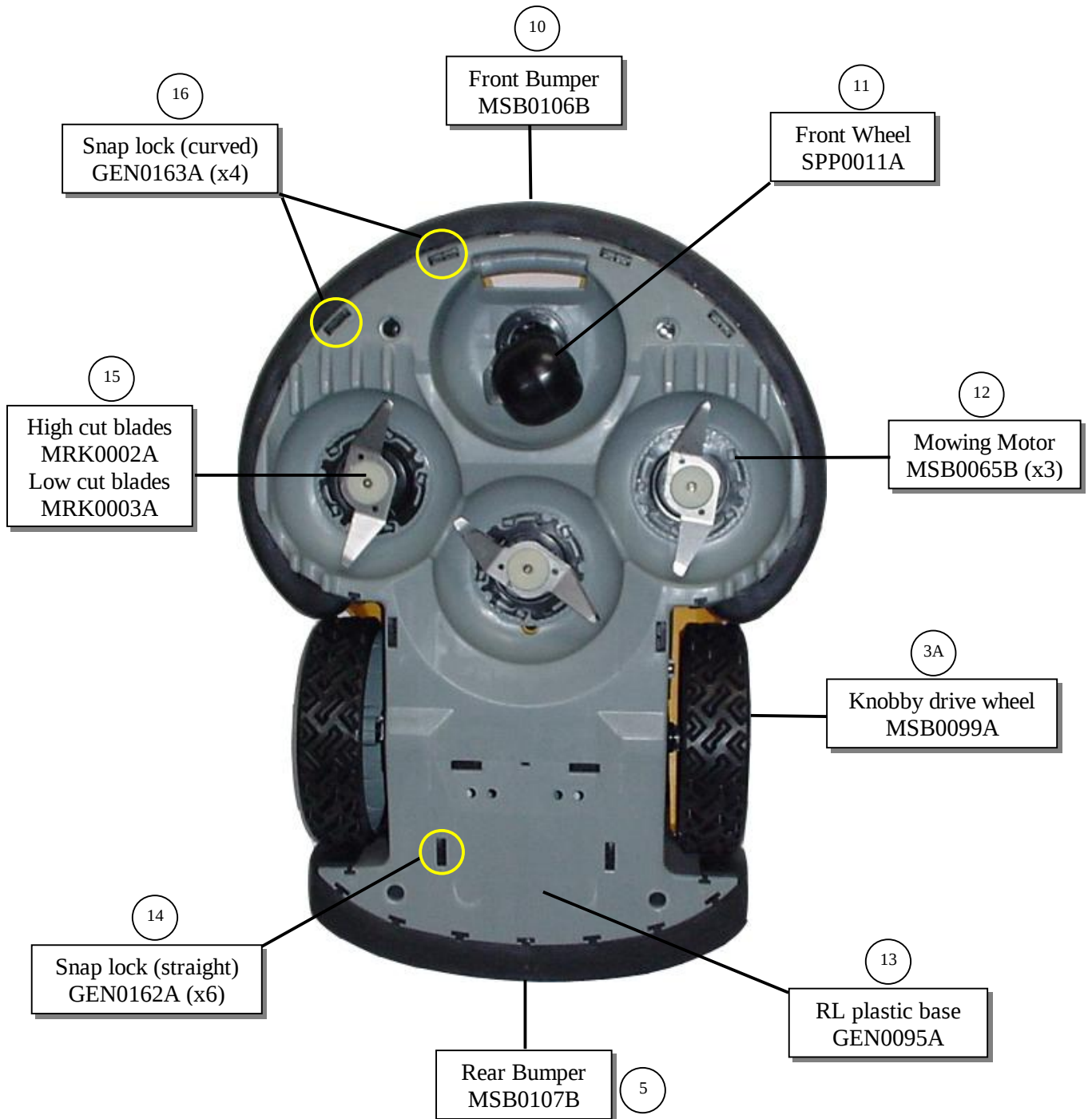


Figure 1.1.2 Bottom view

1.1.3 Robomow internal views

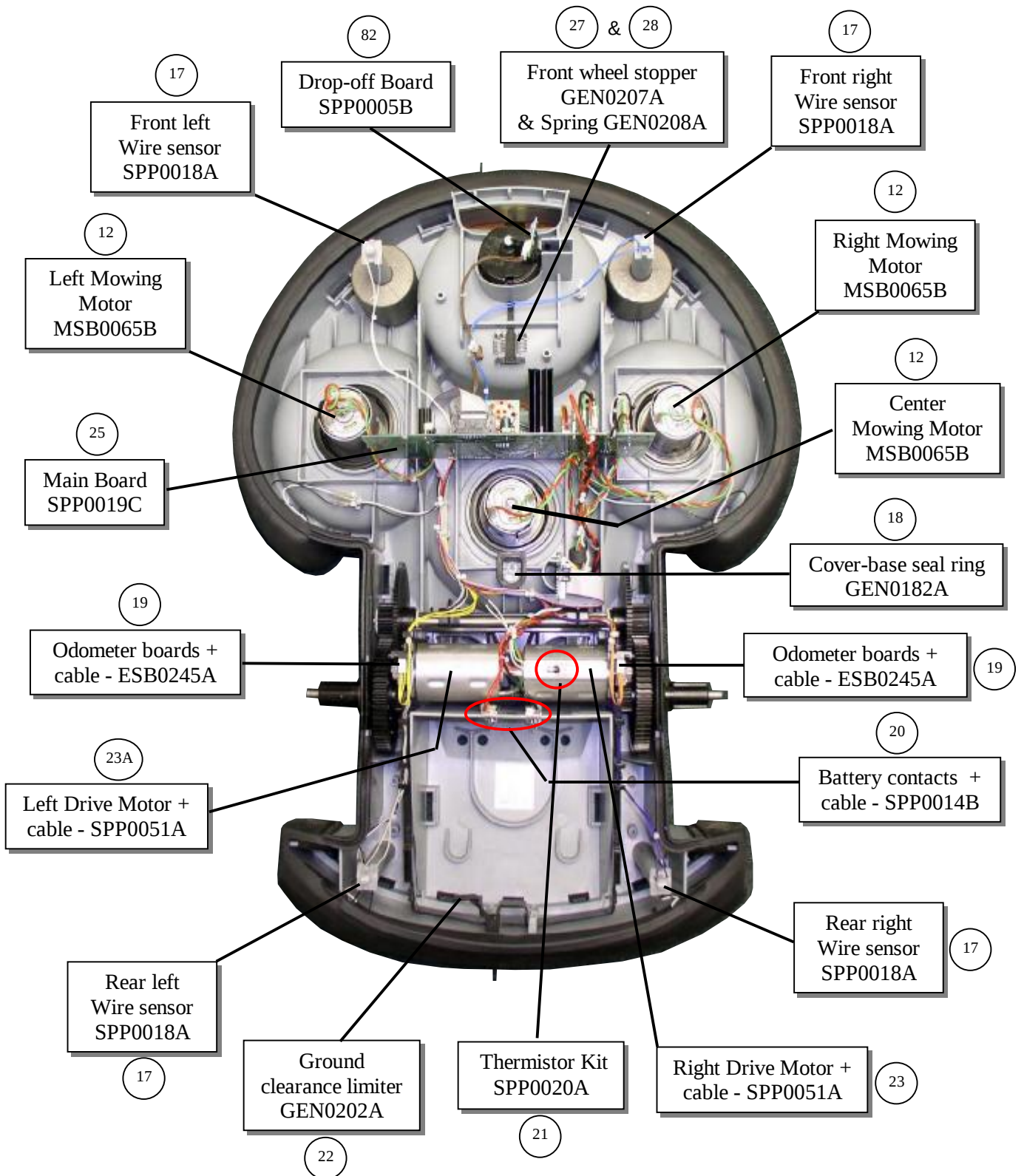


Figure 1.1.3 Internal view

1.1.4 Charging Station views

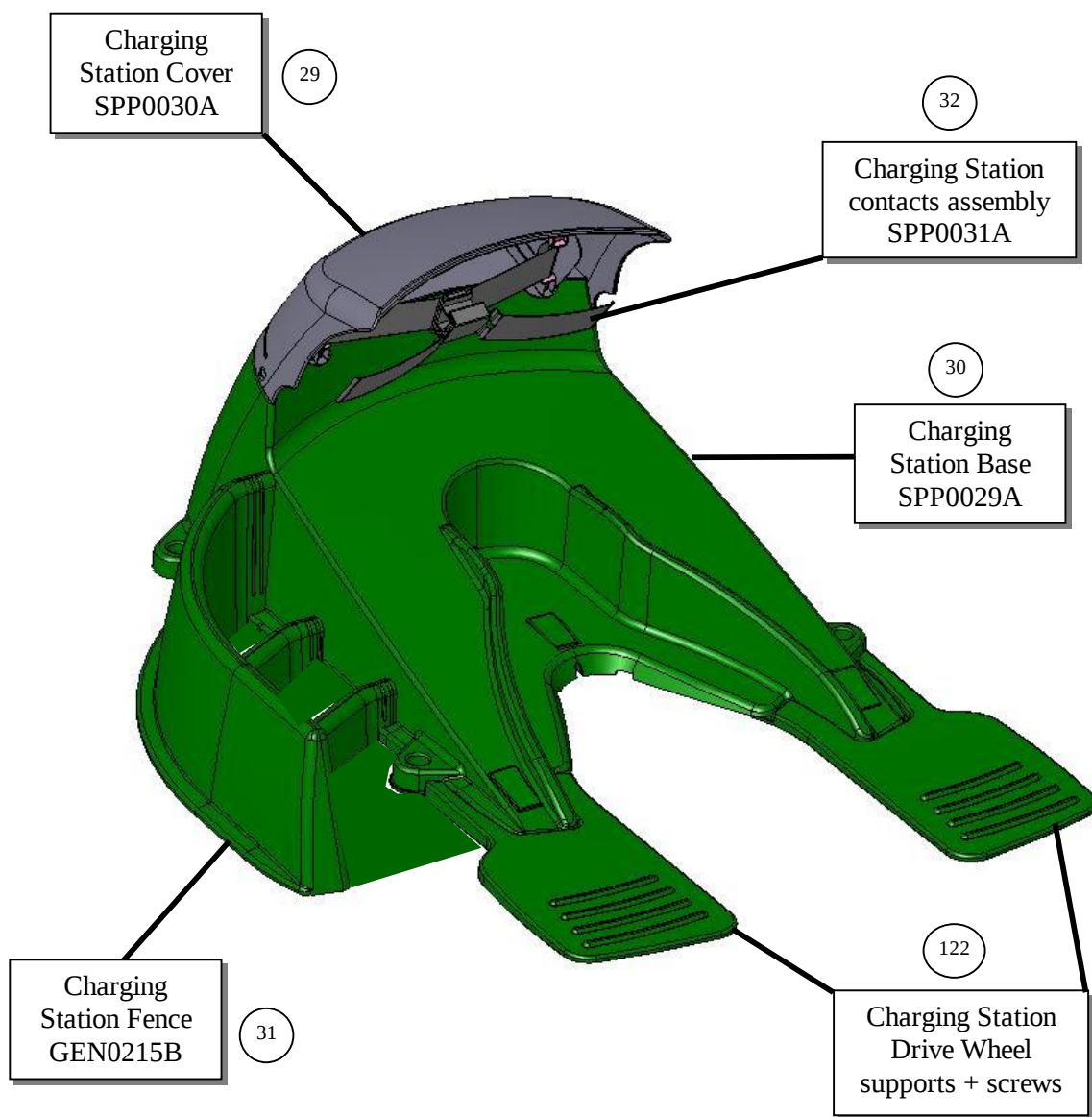
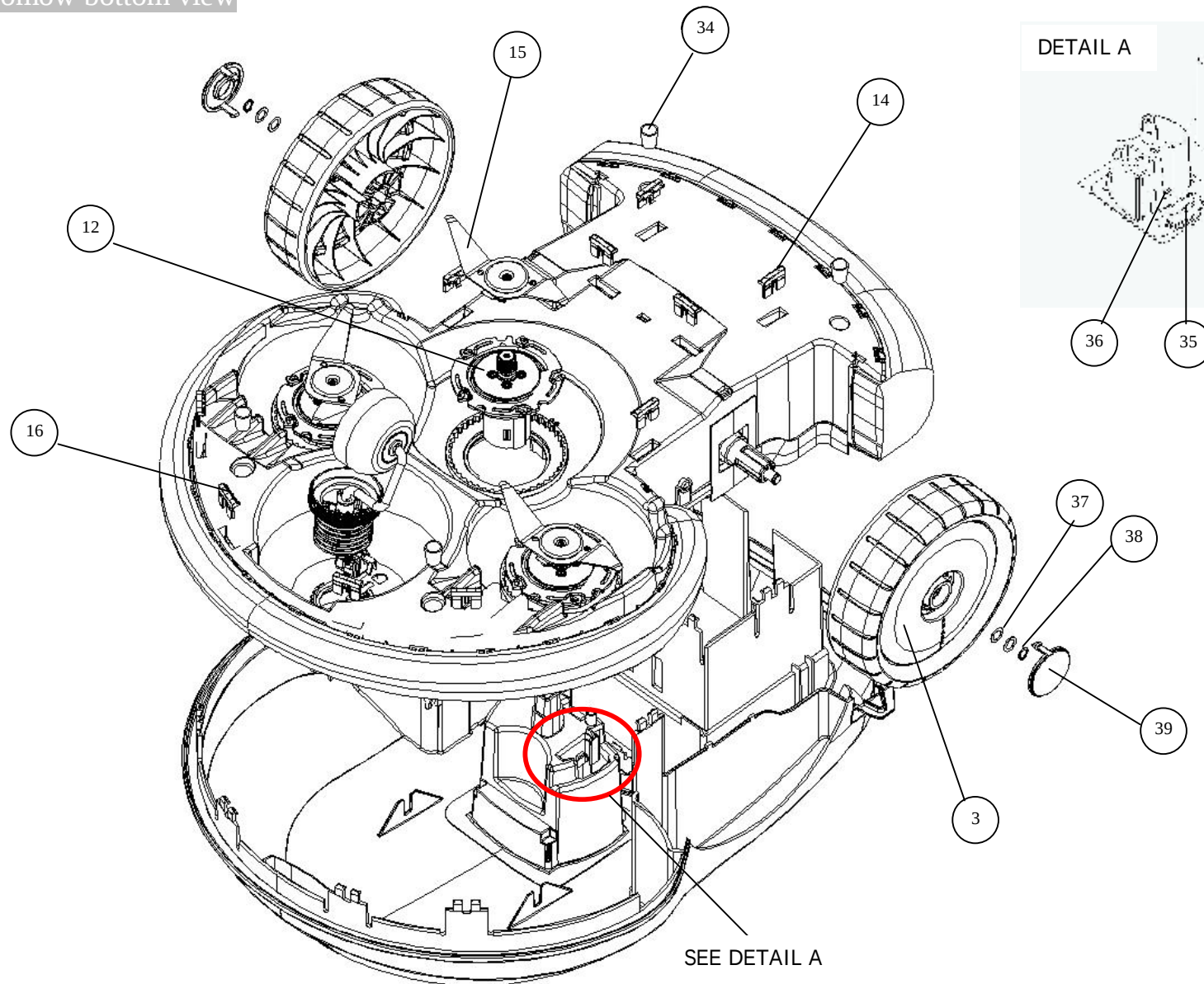


Figure 1.1.4 Charging Station view

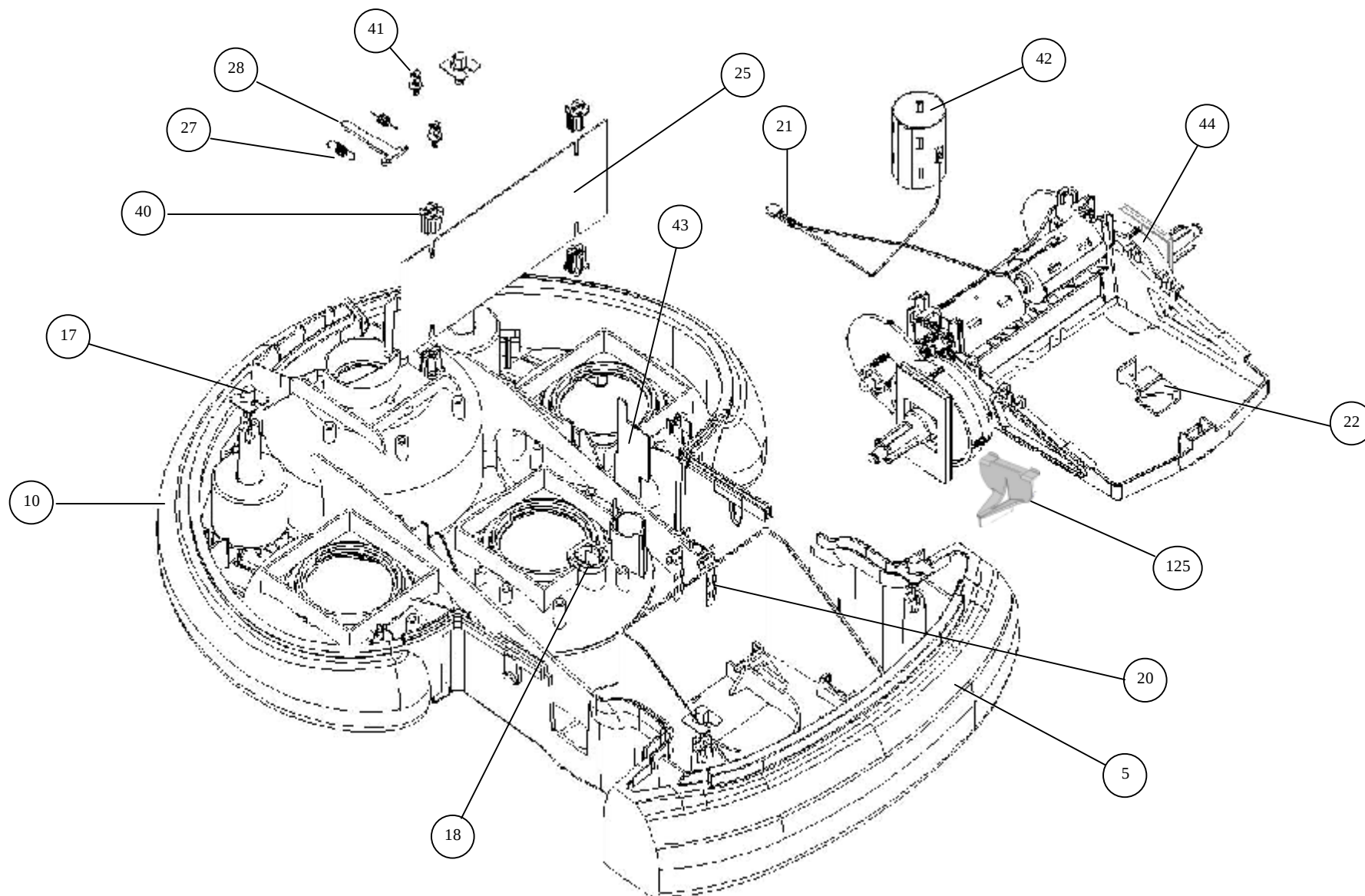
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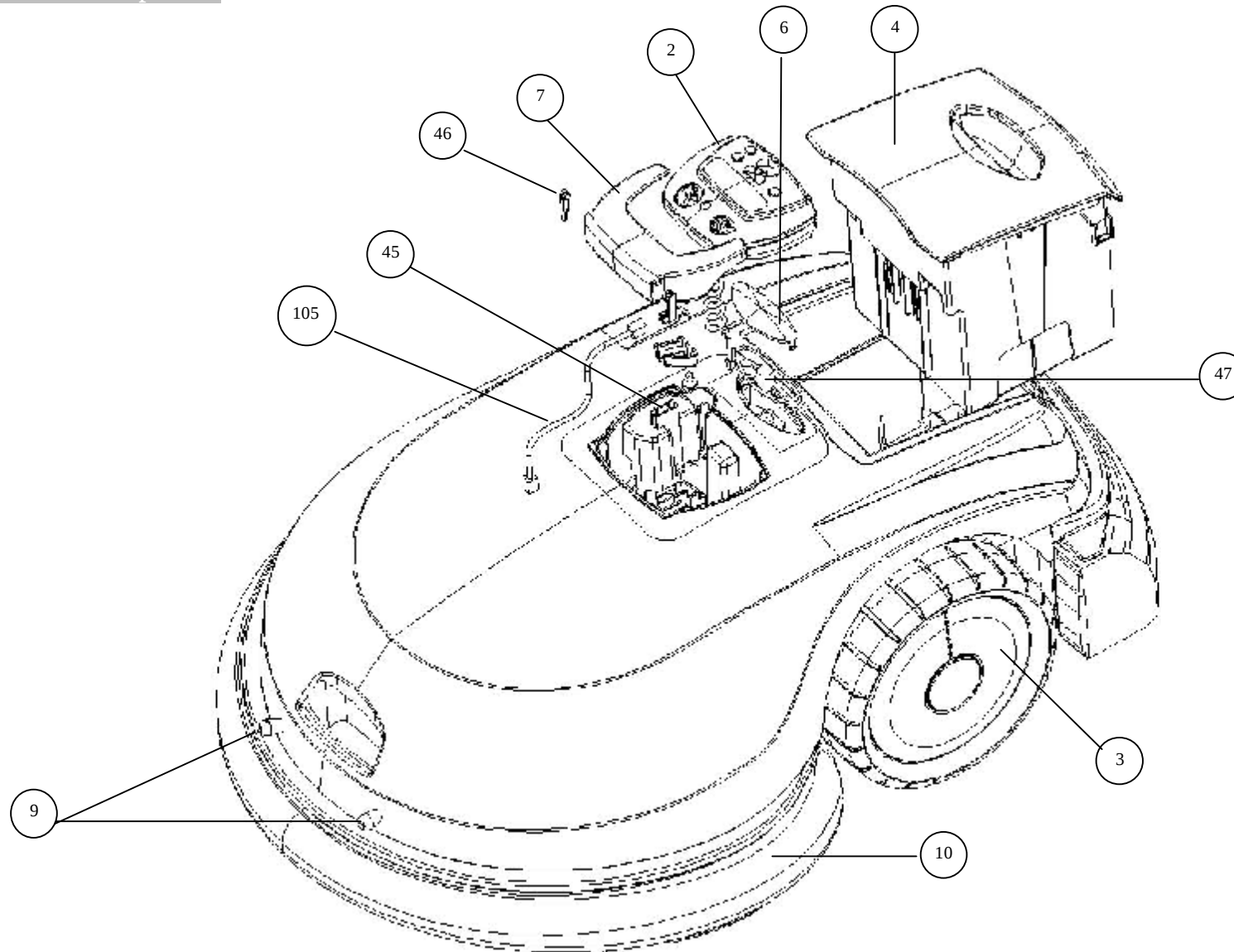
1.2.1 Robomow bottom view



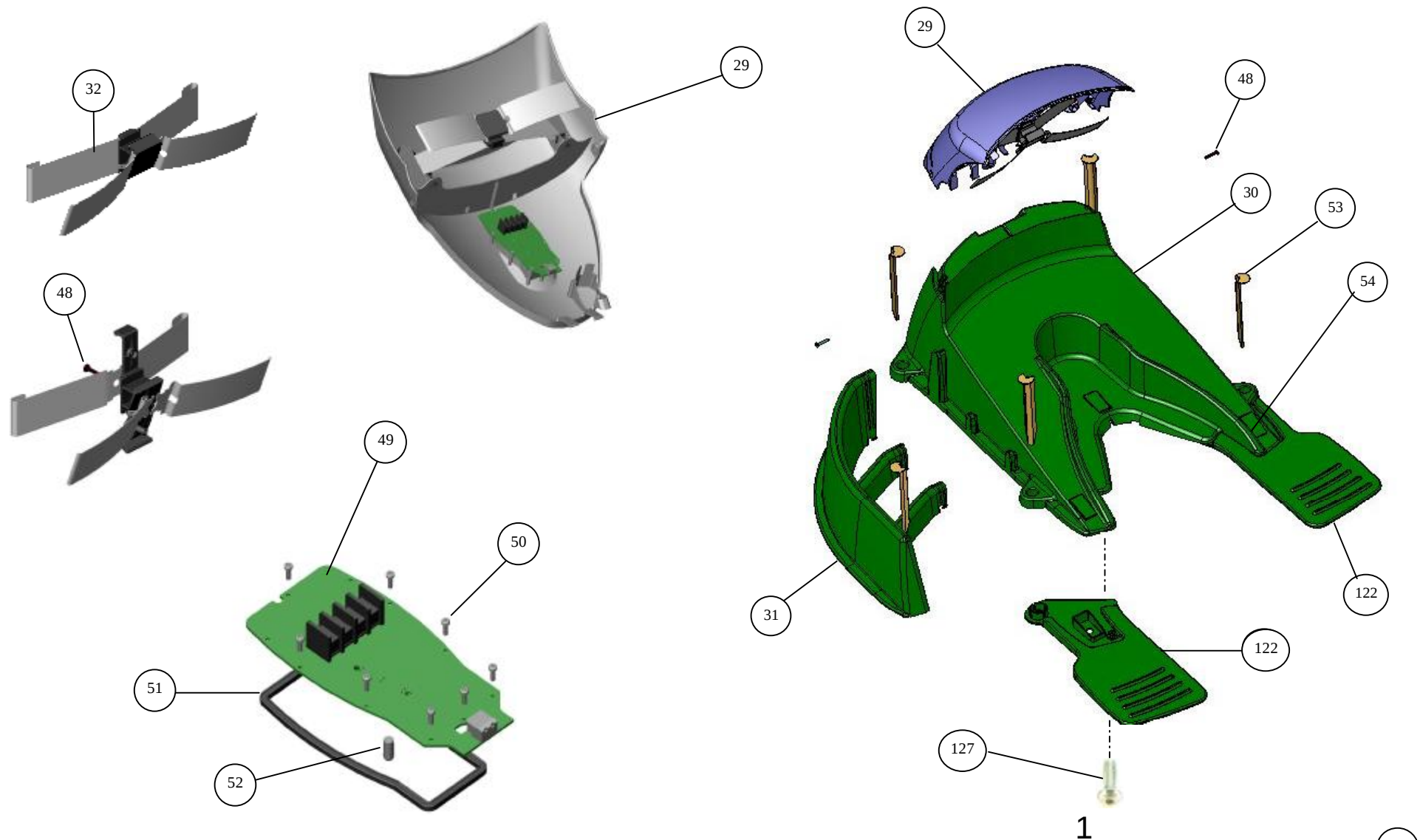
1.2.2 Base - top view



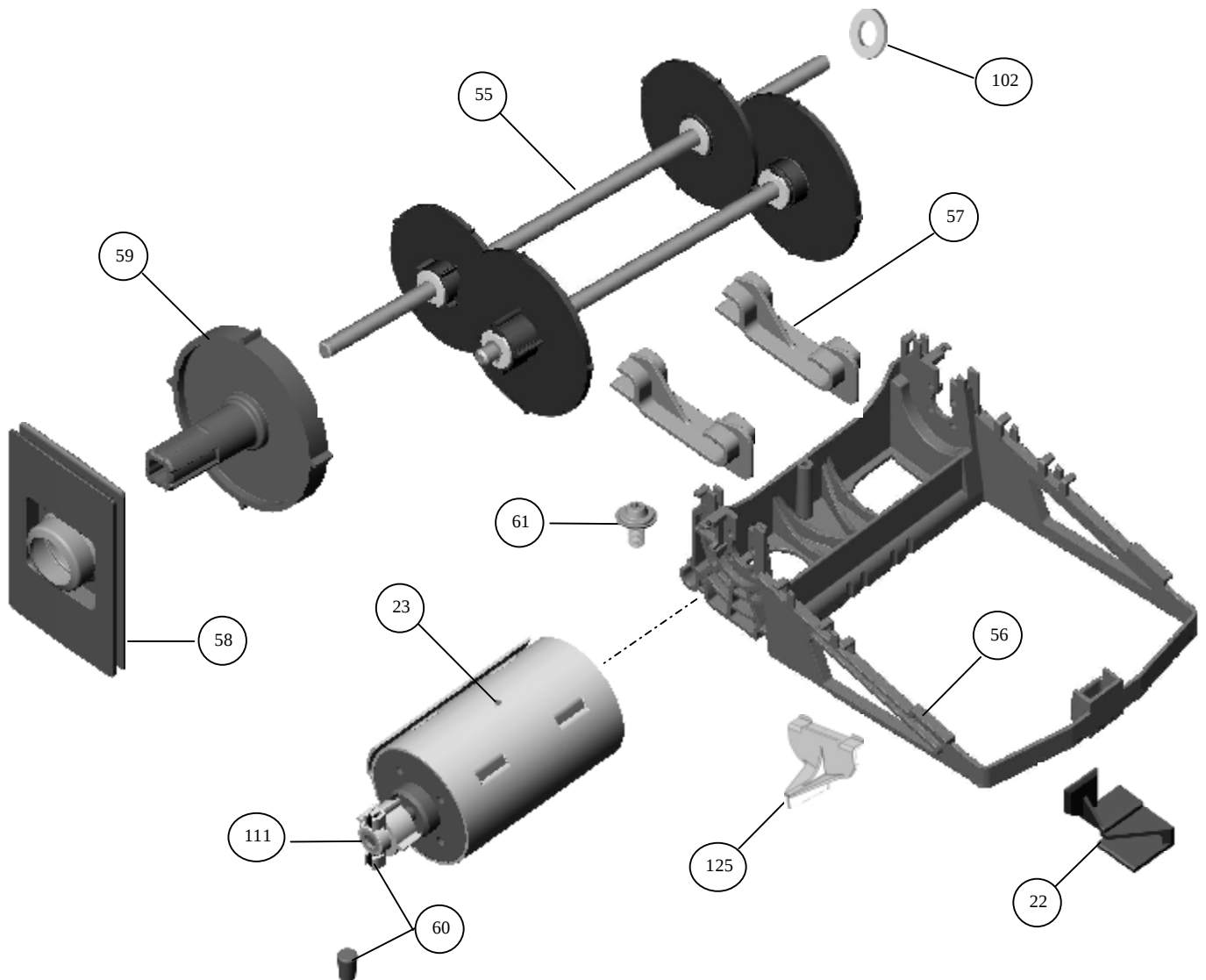
1.2.3 Cover – top view



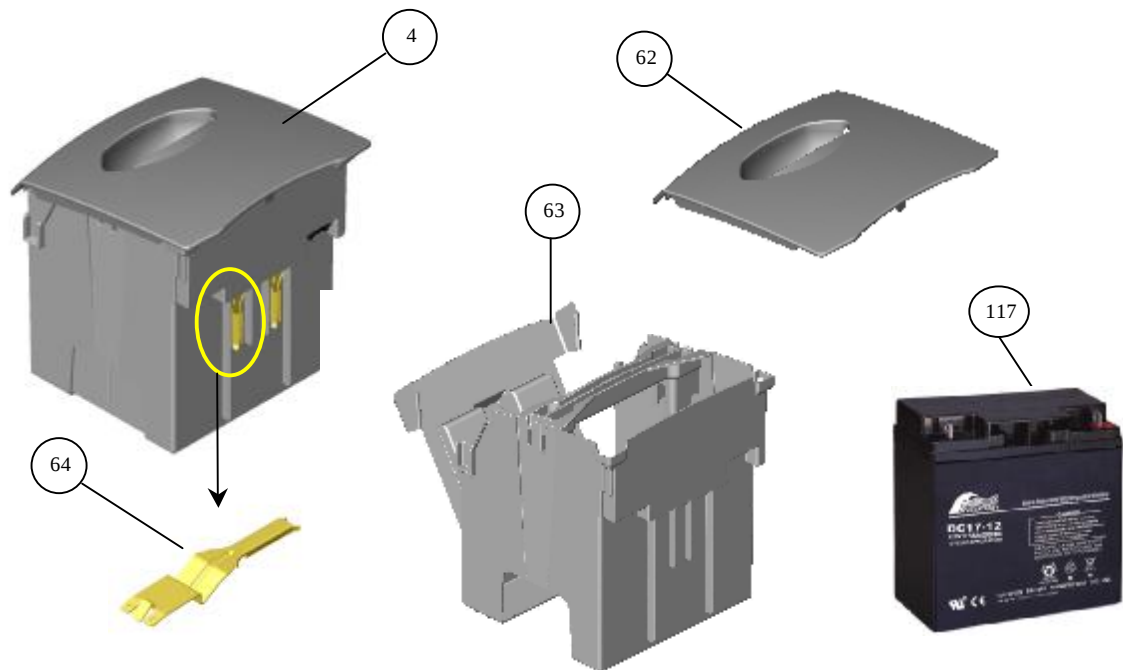
1.2.4 Charging Station



1.2.5 Gear Case (con.)



1.2.6 Power Pack & Power Supply



NOTE: for Power Pack wiring P/N's refer to 'Power Pack wiring diagram' (Section 1.5.2)



P/N	Part Description	P/N	Part Description
PWS0007A	230VAC Out Door Power Supply 1.2A (EUR)	PWS0001B	230VAC indoor power supply -Europe
PWS0008A	120VAC Out Door Power Supply 1.2A (US)	PWS0002B	230VAC indoor power supply - UK
PWS0009A	230VAC Out Door Power Supply 1.2A (UK)	PWS0003B	120VAC indoor power supply - US

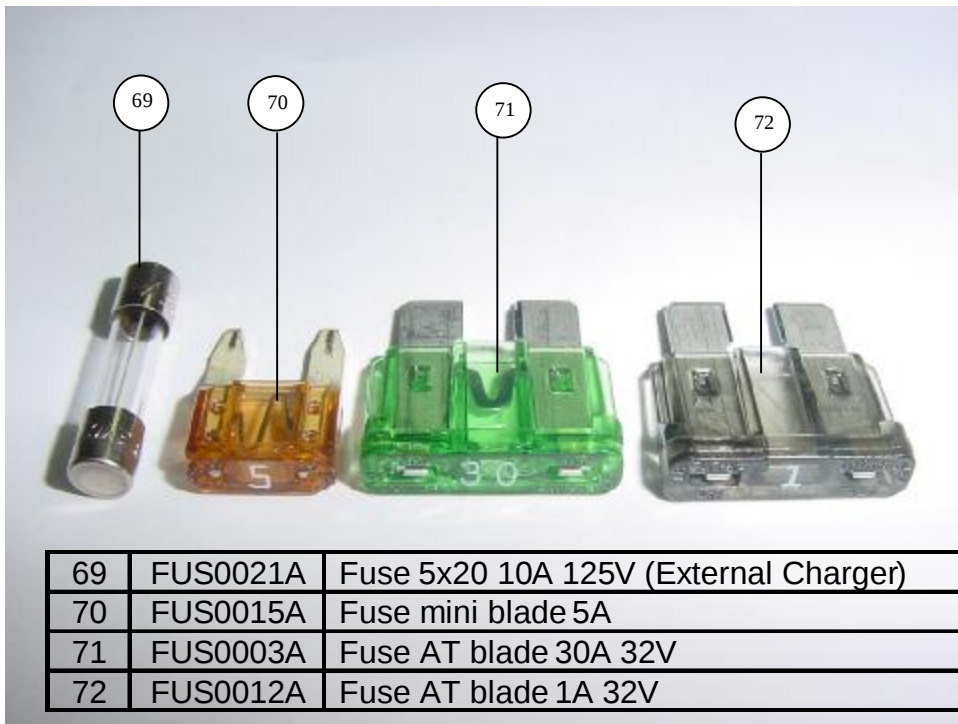
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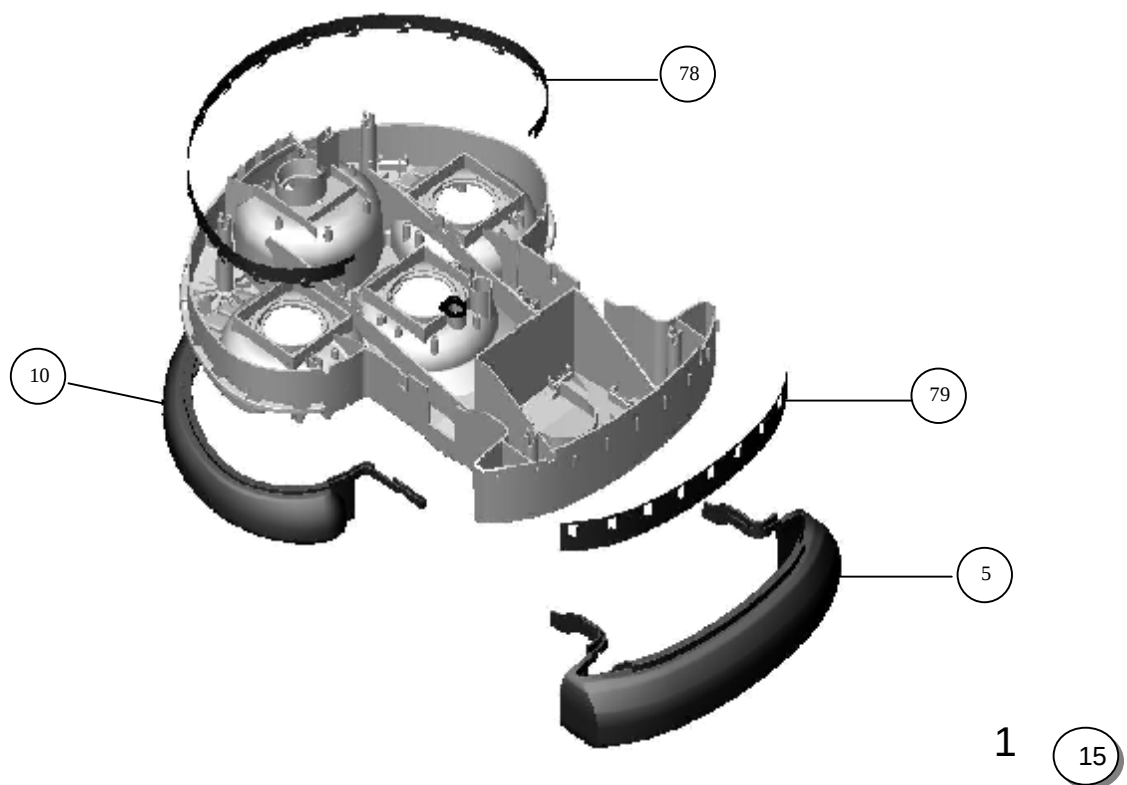
1.2.7 Fuses



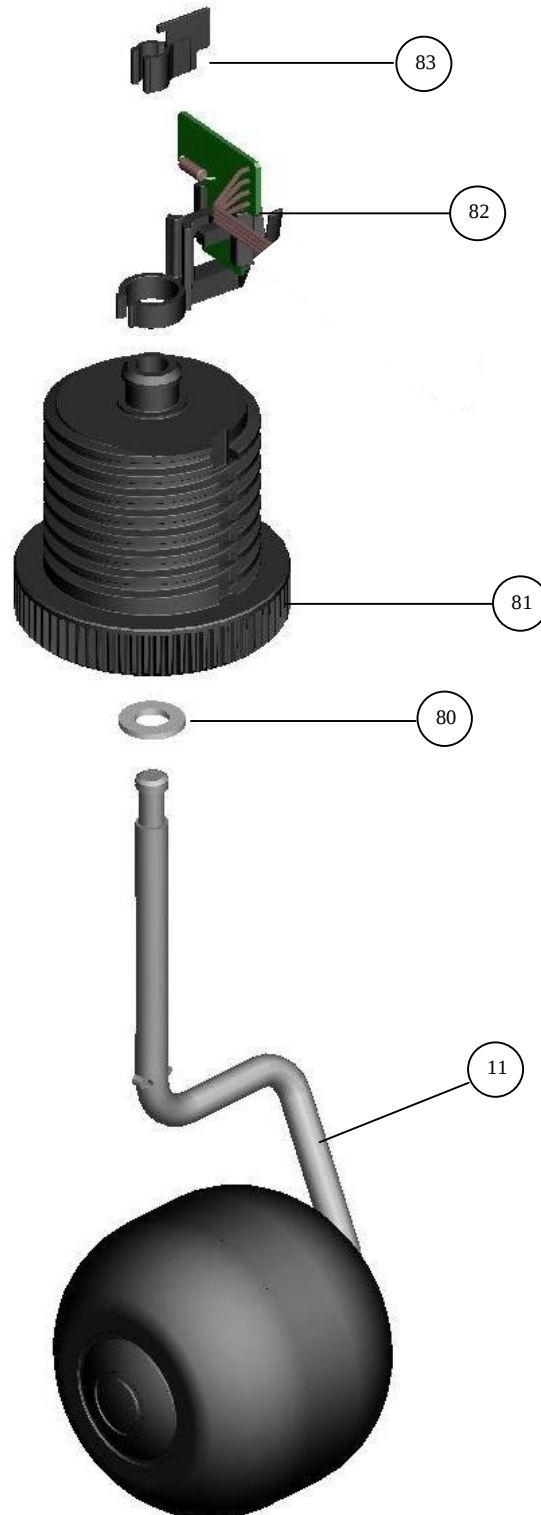
1.2.8 Perimeter Switch



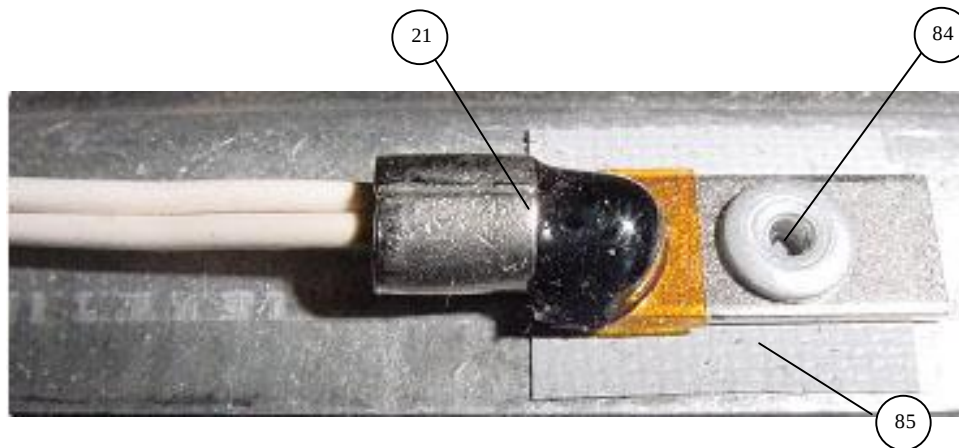
1.2.9 Bumpers



1.2.10 Front Wheel

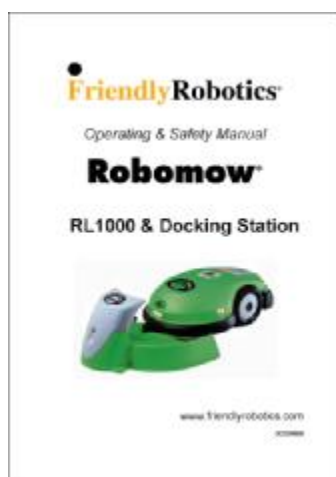
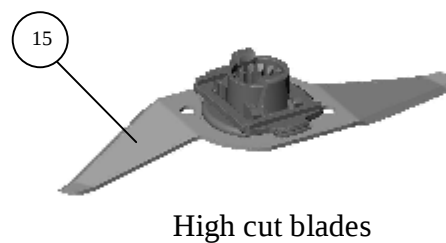
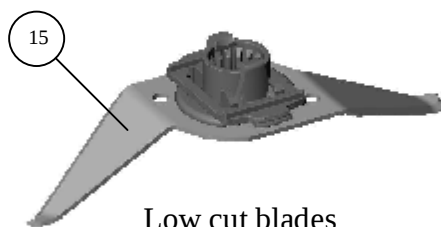


1.2.11 Thermistors



21	SPP0020A	Thermistors kit (Includes NIT 0009A & HSN0003A)
84	NIT0009A	Pop rivet/D3.2x6
85	HSN0003A	Heat sink silicone insulator

1.2.12 Add-On Items



86

DOC0015F – RL550/850 Operating & Safety Manual (En)

DOC0076D – RL1000 Operating & Safety Manual (En)



87



GEN0211A

Charging plug rubber cover

7



MSB0105B Man. cont. holder assembly (sp)



88

TOL0001A

Mowing motor removal tool

1.2.13 Decals

89



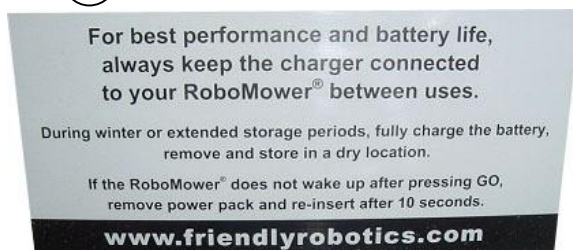
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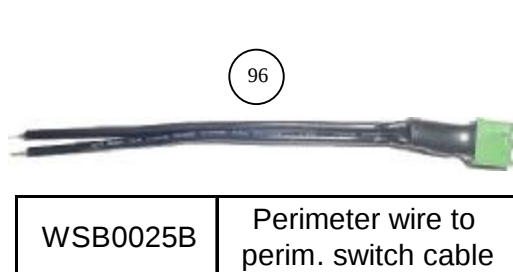


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1.2.14 Old configuration spare parts

The parts below are available spare parts, which are not part of the '07 configuration, but are still required to support the previous RL configurations.



1.3 Fuse location

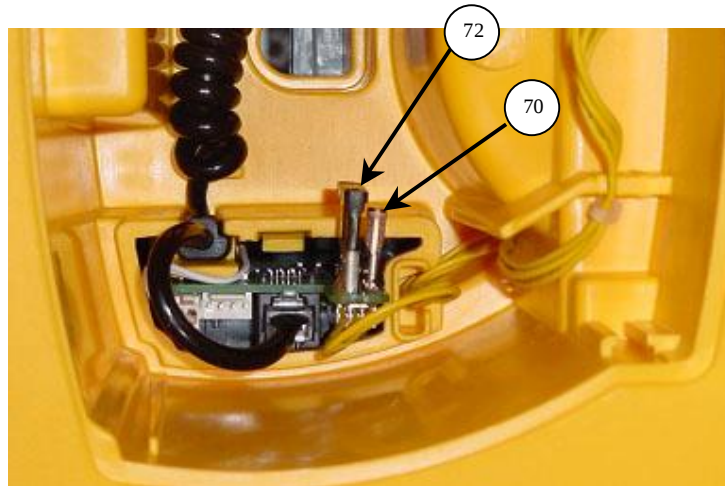


Figure 1.3.1 Robomow fuse location

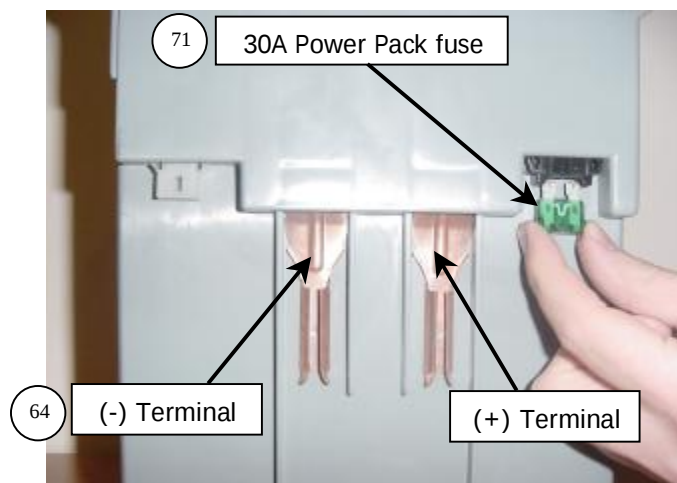


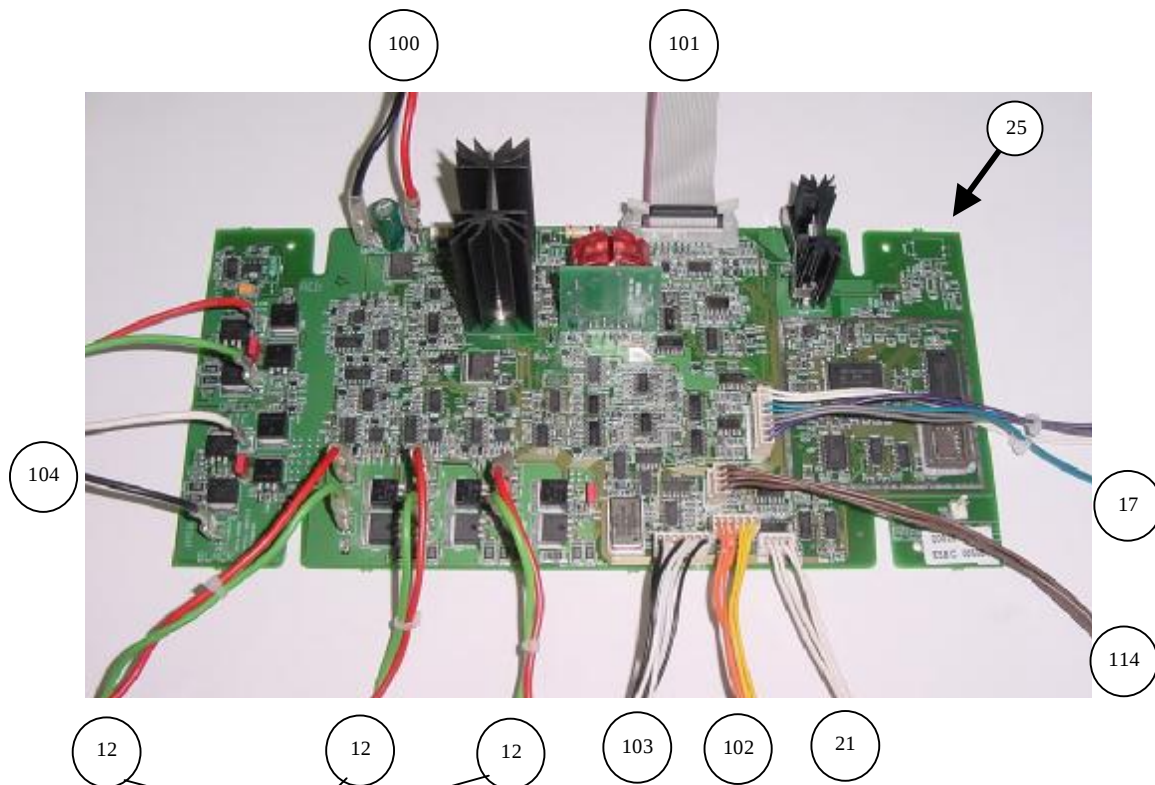
Figure 1.3.2 Power Pack fuse location



Figure 1.3.3 External Charger fuse location

1.4 Board identification

1.4.1 Main Board

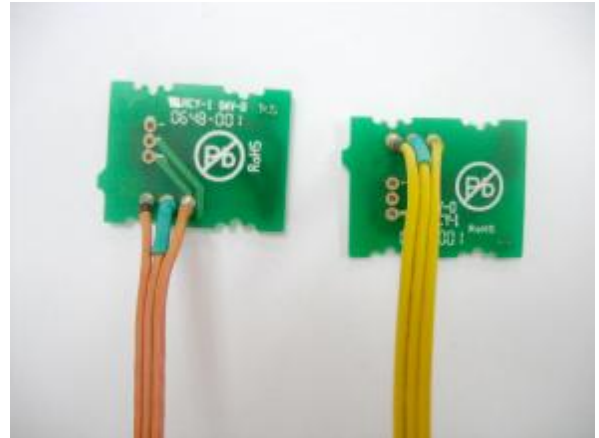
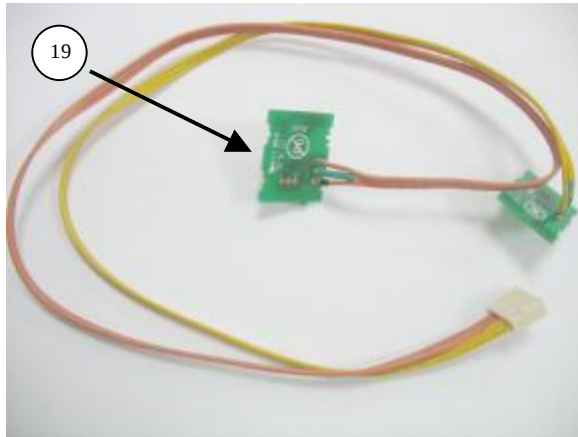


The Mowing motor cable is available as a separate part to support old configuration models.
12 - Soldered to the mowing motor
98 – Only cable

1.4.2 Connector Board



1.4.3 Odometer Board

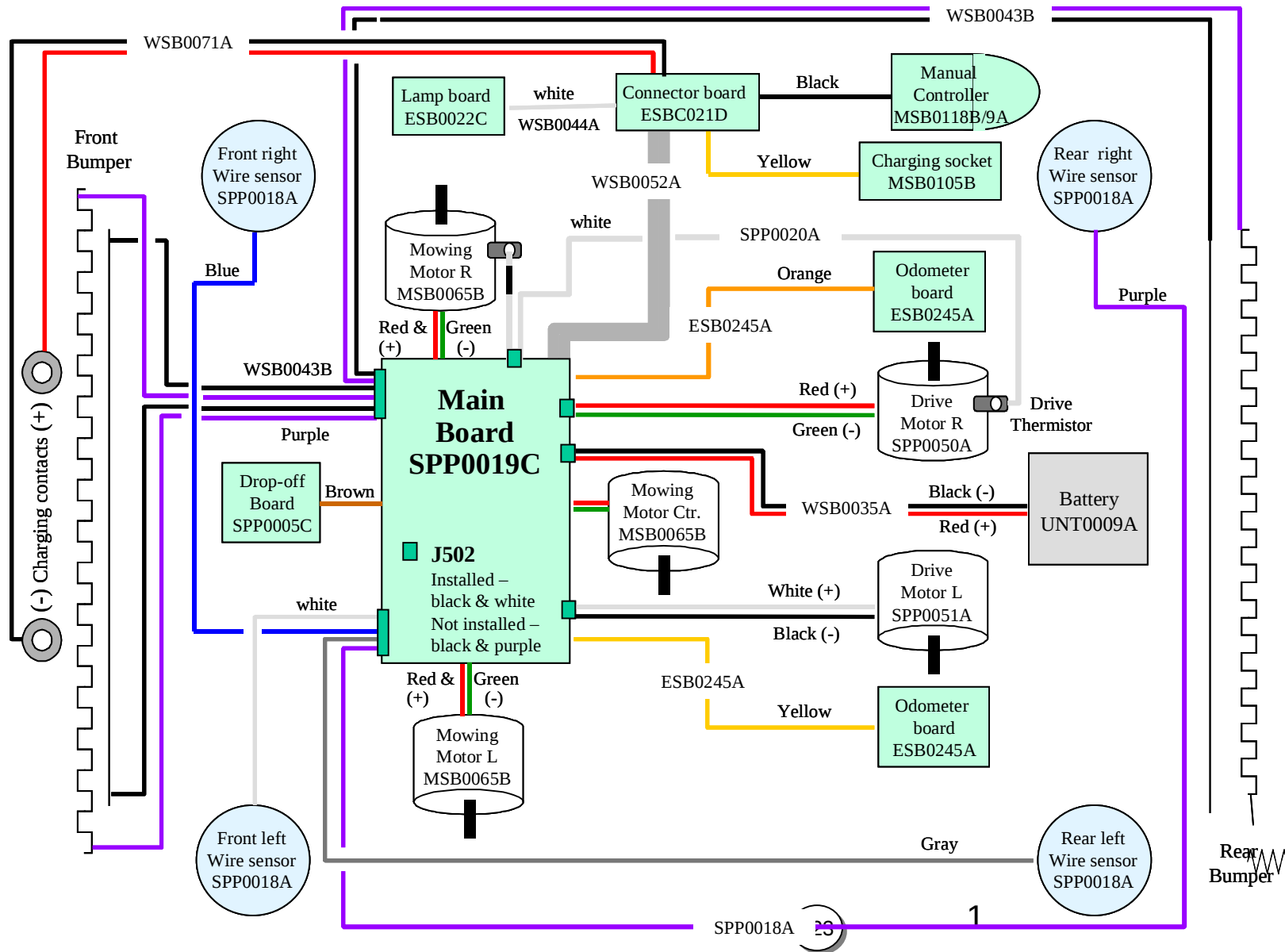


Odometer boards + cable

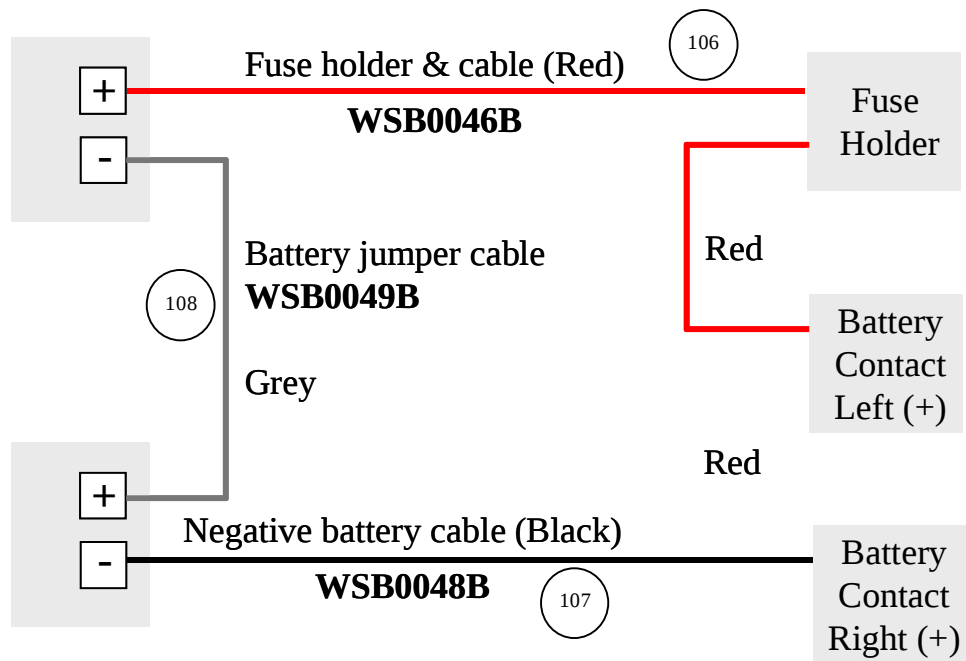
1.4.4 Drop-off Board



1.5 Wiring layout à 1.5.1 Robomow schematic wiring diagram



1.5.2 Power Pack wiring diagram



1.6 Spare Parts List

1.6.1 Spare Parts – sorted by item number

#	Friendly P/N (2008)	Friendly P/N (2007)	Part Description	Appears in Exploded views No.
1	GEN0094A	GEN0094A	RL Yellow cover	1.1.1
1	GEN0227A	GEN0227A	RL Green cover	1.1.1
2	MSB0112A	MSB0112A	Manual controller- Europe (tones)	1.1.1 & 1.2.3
2	MSB0114A	MSB0114A	Manual Controller - US	1.1.1 & 1.2.3
2	MSB0118B	MSB0118B	Manual controller (ESBC050B and forwards)	1.1.1 & 1.2.3
2A	MSB0119A	MSB0119A	Enhanced Manual Controller (Rain sensor)	1.1.1 & 1.2.3
3	MSB0078A	MSB0078A	Smooth drive wheel + bearing	1.1.1 & 1.2.1
3A	MSB0099A	MSB0099A	Knobby drive wheel + bearing	1.1.2
4	UNT0009A	UNT0009A	Power Pack	1.1.1 & 1.2.6
5	MSB0107A	MSB0107A	Rear bumper assembly	1.2.8
6	SPP0032A	SPP0032A	Operation lamp cover + seal	1.1.1 & 1.2.3
7	MSB0105B	MSB0105B	Man. cont. holder assembly	1.1.1 & 1.2.3
8	STC0048A	STC0048A	RL550 Sticker	1.1.1
8	STC0049A	STC0049A	RL850 Sticker	1.1.1
8	STC0056A	STC0056A	RL1000 Sticker	1.1.1
8	STC0057A	STC0057A	RL350 Sticker	1.1.1
9	SPP0026A	SPP0026A	Charging contact (for Docking Station)	1.1.1 & 1.2.3
10	MSB0106B	MSB0106B	Front bumper (one spring) assembly	1.2.8
11	SPP0011A	SPP0011A	Front wheel with axle	1.1.2 & 1.2.10
12	MSB0065B	MSB0065B	Mowing Unit + cable	1.2.1 & 1.1.3
13	GEN0095A	GEN0095A	RL plastic base	1.1.2
14	GEN0162A	GEN0162A	Snap lock (straight)	1.1.2
15	SPP0012A	SPP0012A	Single high cut blade	1.1.2 & 1.2.11
15	SPP0013A	SPP0013A	Single low cut blade	1.1.2 & 1.2.11
16	GEN0163A	GEN0163A	Snap lock (curved)	1.1.2
17	SPP0018A	SPP0018A	Wire Sensors x4 with cable	1.1.3
18	GEN0182A	GEN0182A	Cover-base seal ring	1.2.2
19	ESB0245A	ESB0245A	Odometer Boards + cable	1.1.3 & 1.4.3
20	SPP0014B	SPP0014A	Battery contacts assembly (RL side)	1.1.3 & 1.2.2
21	SPP0020A	SPP0020A	Thermistors kit	1.1.3 & 1.2.11
22	GEN0202A	GEN0202A	Ground clearance limiter	1.1.3 & 1.2.5
23	SPP0050A	SPP0008B	Drive motor (right) replacement kit (Black&White)	1.1.3 & 1.2.5
23	SPP0051A	SPP0008B	Drive motor (left) replacement kit (Red&Green)	1.1.3 & 1.2.5
24	PRG5100D	-----	Flash software version 3.19 - 08	
24	PRG5101D	-----	Flash software version 3.2 - 08	
24	PRG5102D	-----	Flash software version 4.1 - 08	
25	SPP0019C	SPP0019B	Main Board (ESBC050D)	1.1.3 & 1.4.1
26	GEN0234A	-----	Drive motors shield	1.2.5
27	GEN0208A	GEN0208A	Front Wheel stopper spring	1.2.2 & 1.1.3
28	GEN0207A	GEN0207A	Front Wheel stopper	1.2.2 & 1.1.3
29	SPP0030A	SPP0030A	Charging Station Cover	1.2.4
30	SPP0039A	SPP0039A	Charging Station Base (Green)	1.2.4
31	GEN0215C	GEN0215C	Docking Station Fence (Green)	1.2.4
32	SPP0031A	SPP0031A	Charging Station Contacts Assembly	1.2.4

1.6.1 Spare Parts – sorted by item number (con.)

#	Friendly P/N (2008)	Friendly P/N (2007)	Part Description	Appears in Exploded views No.
33	STC0054A	STC0054A	Charging station cover sticker	1.1.4
34	GEN0140A	GEN0140A	Sealing cup	1.2.1
35	ESB0022C	ESB0022C	Lamp Board (LCD)	1.2.1
36	GEN0133A	GEN0133A	Magnet for Manual Controller	1.2.1
37	RNG0005A	RNG0005A	Spacer for Drive Wheel - D18*D12*0.5 DIN 988	1.2.1
38	RNG0002A	RNG0002A	Retaining ring for 12mm shaft (for Drive Wheel)	1.2.1
39	GEN0104A	GEN0104A	Wheel Cup (gray)	1.2.1
39	GEN0201A	GEN0201A	Wheel Cup (black)	1.1.3 & 1.2.1
40	GEN0146A	GEN0146A	Main board rubber holder	1.2.2
41	CPS0007A	CPS0007A	Wire twist lock	1.2.2
42	GEN0171A	GEN0171A	Motor shading	1.2.2
43	ESB0021D	ESB0021D	Connectors Board	1.2.2 & 1.4.2
44	SPP0004D	SPP0004C	Spare part gear case	1.2.2 & 1.2.5
45	GEN0142A	GEN0142A	Connector's cover	1.2.3
46	GEN0145A	GEN0145A	Pivot for manual controller's tray	1.2.3
47	LMP0004A	LMP0004A	Operating bulb bayonet 24v/4w	1.2.3
48	SCR0029A	SCR0029A	Screw DIN 7981C A2 4.2x25 (Docking Station)	1.2.4
49	SPP0028C	SPP0028C	Charging Station Board (ESB0044C)	1.2.4
50	SCR0027A	SCR0027A	Screw WN 1412 KA25x8 (Docking Board)	1.2.4
51	GEN0176A	GEN0176A	Docking Board seal	1.2.4
52	GEN0218A	GEN0218A	Push button for Docking Board	1.2.4
53	GEN0223B	GEN0223A	Fastening Stakes for the Charging Station	1.2.4
54	GEN0217B	GEN0217B	D. Station Connectors Cover (Green)	1.2.4
55	SPP0009B	SPP0009B	Gear Shafts replacement kit	1.2.5
56	SPP0015B	SPP0015A	Gear Frame (+ GEN0202A)	1.2.5
57	GEN0122A	GEN0122A	Shafts clamp (gear)	1.2.5
58	MSB0077A	MSB0077A	Slider assembly	1.2.5
59	MSB0079A	MSB0079A	Gear spline + bearing	1.2.5
60	GEN0101A	GEN0101A	Odometer magnet	1.2.5
61	SCR0025A	SCR0025A	Screw for RL motors	1.2.5
62	GEN0132A	GEN0132A	Battery cover	1.2.6
63	GEN0131A	GEN0131A	Battery Case	1.2.6
64	GEN0130A	GEN0130A	Contact leaf-battery	1.2.6
65	PWS0007A	PWS0004A	230VAC Out Door Power Supply 1.2A (EUR)	1.2.6
65	PWS0008A	PWS0005A	120VAC Out Door Power Supply 1.2A (US)	1.2.6
65	PWS0009A	-----	230VAC Out Door Power Supply 1.2A (UK)	1.2.6
66	PWS0001B	PWS0001A	230VAC power supply -Europe	1.2.6
66	PWS0002B	PWS0002A	230VAC power supply - UK	1.2.6
66	PWS0003B	PWS0003A	115VAC power supply - US	1.2.6
67	MRK0037A	MRK0037A	Empty Power Pack (excluding the batteries)	
68	UNT0016A	UNT0016A	Power Pack external charging adaptor	1.2.6
69	FUS0021A	FUS0021A	Fuse 5x20 10A 125V (External Charger)	1.2.7 & 1.3
70	FUS0015A	FUS0015A	Fuse mini blade 5A	1.2.7 & 1.3
71	FUS0003A	FUS0003A	Fuse AT blade 30A 32V	1.2.7 & 1.3
72	FUS0012A	FUS0012A	Fuse AT blade 1A 32V	1.2.7 & 1.3
73	MRK0025A	MRK0025A	5 hrs. Perimeter Switch (ESB0042C)	1.2.8
74	GEN0156A	GEN0156A	Perimeter switch back cover	1.2.8

1.6.1 Spare Parts – sorted by item number (con.)

#	Friendly P/N (2008)	Friendly P/N (2007)	Part Description	Appears in Exploded views No.
75	GEN0175A	GEN0175A	Stake for perimeter switch	1.2.8
76	BAT0003A	BAT0003A	Battery holder for perim.switch with screws	1.2.8
77	CON0054A	CON0054A	Plot connector	1.2.8
78	MSB0090A	MSB0090A	Contact strip front assembly	1.2.8
79	MSB0091B	MSB0091B	Contact strip rear assembly	1.2.8
80	RNG0031A	RNG0031A	Washer M10x15 (BN 739)	1.2.10
81	GEN0117A	GEN0117A	Adjusting bolt	1.2.10
82	SPP0005C	SPP0005C	Drop off board + holder	1.2.10
83	GEN0116A	GEN0116A	Drop off flag	1.2.10
84	NIT0009A	NIT0009A	Pop rivet/D3.2x6 (Thermistors)	1.2.11
85	HSN0003A	HSN0003A	Heat sink silicone insulator (Thermistors)	1.2.11
86	DOC0015F	DOC0015E	RL550/850 Operating Manual (En)	1.2.12
86	DOC0076D	DOC0076C	RL1000 Operating Manual (En)	1.2.12
87	GEN0211A	GEN0211A	Charging plug rubber cover	1.2.12
88	TOL0001A	TOL0001A	Mowing motor removal tool	1.1.12
89	STC0018A	STC0018A	Danger sticker	1.2.13
90	STC0022A	STC0022A	Front caution sticker	1.2.13
91	STC0012B	STC0012A	Rear warning sticker	1.2.13
92	STC0036D	STC0036C	Battery charging decal (4 languages)	1.2.13
93	STC0055A	STC0055A	Charging Station fence sticker	1.2.13
94	GEN0232A	----	Drive motors shield spring	1.2.5
95	GEN0233A	----	Drive Thermistor spring	1.2.5
96	WSB0025B	WSB0025B	Perim. wire to perim. switch cable	1.2.14
97	GEN0148A	GEN0148A	Navigator keypad	1.2.14
98	WSB0053A	WSB0053A	Mowing motors cable	1.2.14 & 1.4.1
99	GEN0118A	GEN0118A	Front Wheel Click Spring ('02 configuration)	1.2.14
100	WSB0035A	WSB0035A	Main board to battery cable	1.4.1 & 1.5.1
101	WSB0052A	WSB0052A	Flat cable	1.4.1 & 1.5.1
102	GEN0237A	RNG0032A	Gear shaft spacer	1.2.5
103	WSB0043B	WSB0043B	Bumper cable	1.4.1 & 1.5.1
104	WSB0063A	WSB0063A	Drive motor + ferrite cable	1.4.1 & 1.5.1
105	WSB0044A	WSB0044A	Lamp board cable	1.2.3 & 1.5.1
106	WSB0046B	WSB0046B	Fuse holder battery pack cable	1.5.2
107	WSB0048B	WSB0048B	(-) spring battery cable	1.5.2
108	WSB0049B	WSB0049B	Battery jumper cable	1.5.2
109	WSB0071A	WSB0071A	Connector Board to charging contacts cable	1.5.1
110	DOC0008B	DOC0008B	RoboRuler	NA
111	SPP0052A	----	RL pinion + magnets	1.2.5
112	DOC0053E	DOC0053D	RL Service Guide CD (En)	NA
113	DOC0065B	DOC0065B	RL Operating & Safety CD (En)	NA
114	WSB0042A	WSB0042A	Drop off cable	1.4.1
115	SPP0033D	SPP0033C	Flash Software v3.2-08 + Operating Manual (En)	NA
115	SPP0035D	SPP0035C	Flash Software v3.2-08 + Operating Manual (BLX)	NA
115	SPP0036D	SPP0036C	Flash Software v3.2-08 + Operating Manual (DE)	NA
115	SPP0040E	SPP0040D	Flash Software v3.2-08 + Operating Manual (IT)	NA

1.6.1 Spare Parts – sorted by item number (con.)

#	Friendly P/N (2008)	Friendly P/N (2007)	Part Description	Appears in Exploded views No.
115	SPP0041E	SPP0041D	Flash Software v3.2-08 + Operating Manual (DK)	NA
115	SPP0101C	SPP0101B	Flash Software v4.1-08 + Operating Manual (En)	NA
115	SPP0102C	SPP0102B	Flash Software v4.1-08 + Operating Manual (BLX)	NA
115	SPP0103C	SPP0103B	Flash Software v4.1-08 + Operating Manual (DE)	NA
115	SPP0104C	SPP0104B	Flash Software v4.1-08 + Operating Manual (IT)	NA
115	SPP0105C	SPP0105B	Flash Software v4.1-08 + Operating Manual (DK)	NA
116	CPS0013A	CPS0013A	Wire twist lock for bat. cable	NA
117	GEN0129A	GEN0129A	Batteries (available as box with 2 batteries)	1.2.6
120	STC0052A	STC0052A	Theft Guard decal	NA
121	MRK0009B	MRK0009B	External charger for Power Pack (EUR)	1.2.6
121	MRK0010B	MRK0010B	External charger for Power Pack (US)	1.2.6
122	SPP0106A	SPP0106A	Charging Station drive wheel supports + screws	1.1.4 & 1.2.4
124	STC0058A	STC0058A	Crossed-out wheeled bin	
125	GEN0231A	GEN0231A	Gear frame support	1.2.5
127	SCR0033A	SCR0033A	Screw for the Charging Station drive wheel supports	1.2.4

1.6.2 Spare Parts – sorted by Friendly part number

#	Friendly P/N (2008)	Friendly P/N (2007)	Part Description	Appears in Exploded views No.
76	BAT0003A	BAT0003A	Battery holder for perim.switch with screws	1.2.8
77	CON0054A	CON0054A	Plot connector	1.2.8
41	CPS0007A	CPS0007A	Wire twist lock	1.2.2
116	CPS0013A	CPS0013A	Wire twist lock for bat. cable	NA
110	DOC0008B	DOC0008B	RoboRuler	NA
86	DOC0015F	DOC0015E	RL550/850 Operating Manual (En)	1.2.12
112	DOC0053E	DOC0053D	RL Service Guide CD (En)	NA
113	DOC0065B	DOC0065B	RL Operating & Safety CD (En)	NA
86	DOC0076D	DOC0076C	RL1000 Operating Manual (En)	1.2.12
43	ESB0021D	ESBC021D	Connectors Board	1.2.2 & 1.4.2
35	ESB0022C	ESB0022C	Lamp Board (LCD)	1.2.1
19	ESB0245A	ESB0245A	Odometer Boards + cable	1.1.3 & 1.4.3
71	FUS0003A	FUS0003A	Fuse AT blade 30A 32V	1.2.7 & 1.3
72	FUS0012A	FUS0012A	Fuse AT blade 1A 32V	1.2.7 & 1.3
70	FUS0015A	FUS0015A	Fuse mini blade 5A	1.2.7 & 1.3
69	FUS0021A	FUS0021A	Fuse 5x20 10A 125V (External Charger)	1.2.7 & 1.3
1	GEN0094A	GEN0094A	RL Yellow cover	1.1.1
13	GEN0095A	GEN0095A	RL plastic base	1.1.2
60	GEN0101A	GEN0101A	Odometer magnet	1.2.5
39	GEN0104A	GEN0104A	Wheel Cup (gray)	1.2.1
83	GEN0116A	GEN0116A	Drop off flag	1.2.10
81	GEN0117A	GEN0117A	Adjusting bolt	1.2.10
99	GEN0118A	GEN0118A	Front Wheel Click Spring ('02 configuration)	1.2.14
57	GEN0122A	GEN0122A	Shafts clamp (gear)	1.2.5
117	GEN0129A	GEN0129A	Batteries (available as box with 2 batteries)	1.2.6
64	GEN0130A	GEN0130A	Contact leaf-battery	1.2.6
63	GEN0131A	GEN0131A	Battery Case	1.2.6
62	GEN0132A	GEN0132A	Battery cover	1.2.6
36	GEN0133A	GEN0133A	Magnet for Manual Controller	1.2.1
34	GEN0140A	GEN0140A	Sealing cup	1.2.1
45	GEN0142A	GEN0142A	Connector's cover	1.2.3
46	GEN0145A	GEN0145A	Pivot for manual controller's tray	1.2.3
40	GEN0146A	GEN0146A	Main board rubber holder	1.2.2
97	GEN0148A	GEN0148A	Navigator keypad	1.2.14
74	GEN0156A	GEN0156A	Perimeter switch back cover	1.2.8
14	GEN0162A	GEN0162A	Snap lock (straight)	1.1.2
16	GEN0163A	GEN0163A	Snap lock (curved)	1.1.2
42	GEN0171A	GEN0171A	Motor shading	1.2.2
75	GEN0175A	GEN0175A	Stake for perimeter switch	1.2.8
51	GEN0176A	GEN0176A	Docking Board seal	1.2.4
18	GEN0182A	GEN0182A	Cover-base seal ring	1.2.2
39	GEN0201A	GEN0201A	Wheel Cup (black)	1.1.3 & 1.2.1
22	GEN0202A	GEN0202A	Ground clearance limiter	1.1.3 & 1.2.5

1.6.2 Spare Parts – sorted by Friendly part number (con.)

#	Friendly P/N (2008)	Friendly P/N (2007)	Part Description	Appears in Exploded views No.
28	GEN0207A	GEN0207A	Front Wheel stopper	1.2.2 & 1.1.3
27	GEN0208A	GEN0208A	Front Wheel stopper spring	1.2.2 & 1.1.3
87	GEN0211A	GEN0211A	Charging plug rubber cover	1.2.12
31	GEN0215C	GEN0215C	Docking Station Fence (Green)	1.2.4
54	GEN0217B	GEN0217B	D. Station Connectors Cover (Green)	1.2.4
52	GEN0218A	GEN0218A	Push button for Docking Board	1.2.4
53	GEN0223B	GEN0223A	Fastening Stakes for the Charging Station	1.2.4
1	GEN0227A	GEN0227A	RL Green cover	1.1.1
125	GEN0231A	GEN0231A	Gear frame support	1.2.5
94	GEN0232A	-----	Drive motors shield spring	1.2.5
95	GEN0233A	-----	Drive Thermistor spring	1.2.5
26	GEN0234A	-----	Drive motors shield	1.2.5
102	GEN0237A	RNG0032A	Gear shaft spacer	1.2.5
85	HSN0003A	HSN0003A	Heat sink silicone insulator (Thermistors)	1.2.11
47	LMP0004A	LMP0004A	Operating bulb bayonet 24v/4w	1.2.3
121	MRK0009B	MRK0009B	External charger for Power Pack (EUR)	1.2.6
121	MRK0010B	MRK0010B	External charger for Power Pack (US)	1.2.6
73	MRK0025A	MRK0025A	5 hrs. Perimeter Switch (ESB0042C)	1.2.8
67	MRK0037A	MRK0037A	Empty Power Pack (excluding the batteries)	
12	MSB0065B	MSB0065B	Mowing Unit + cable	1.2.1 & 1.1.3
58	MSB0077A	MSB0077A	Slider assembly	1.2.5
3	MSB0078A	MSB0078A	Smooth drive wheel + bearing	1.1.1 & 1.2.1
59	MSB0079A	MSB0079A	Gear spline + bearing	1.2.5
78	MSB0090A	MSB0090A	Contact strip front assembly	1.2.8
79	MSB0091B	MSB0091B	Contact strip rear assembly	1.2.8
3A	MSB0099A	MSB0099A	Knobby drive wheel + bearing	1.1.2
7	MSB0105B	MSB0105B	Man. cont. holder assembly	1.1.1 & 1.2.3
10	MSB0106B	MSB0106B	Front bumper (one spring) assembly	1.2.8
5	MSB0107A	MSB0107A	Rear bumper assembly	1.2.8
2	MSB0112A	MSB0112A	Manual controller- Europe (tones)	1.1.1 & 1.2.3
2	MSB0114A	MSB0114A	Manual Controller - US	1.1.1 & 1.2.3
2	MSB0118B	MSB0118B	Manual controller (ESBC050B and forwards)	1.1.1 & 1.2.3
2	MSB0119A	MSB0119A	Enhanced Manual Controller (Rain sensor)	1.1.1 & 1.2.3
84	NIT0009A	NIT0009A	Pop rivet/D3.2x6 (Thermistors)	1.2.11
24	PRG5100D	-----	Flash software version 3.19 - 08	
24	PRG5101D	-----	Flash software version 3.2 - 08	
24	PRG5102D	-----	Flash software version 4.1 - 08	
66	PWS0001B	PWS0001A	230VAC power supply -Europe	1.2.6
66	PWS0002B	PWS0002A	230VAC power supply - UK	1.2.6
66	PWS0003B	PWS0003A	120VAC power supply - US	1.2.6
65	PWS0007A	PWS0004A	230VAC Out Door Power Supply 1.2A (EUR)	1.2.6
65	PWS0008A	PWS0005A	120VAC Out Door Power Supply 1.2A (US)	1.2.6
65	PWS0009A	-----	230VAC Out Door Power Supply 1.2A (UK)	1.2.6
38	RNG0002A	RNG0002A	Retaining ring for 12mm shaft (for Drive Wheel)	1.2.1
37	RNG0005A	RNG0005A	Spacer for Drive Wheel - D18*D12*0.5 DIN 988	1.2.1

1.6.2 Spare Parts – sorted by Friendly part number (con.)

#	Friendly P/N (2008)	Friendly P/N (2007)	Part Description	Appears in Exploded views No.
80	RNG0031A	RNG0031A	Washer M10x15 (BN 739)	1.2.10
61	SCR0025A	SCR0025A	Screw for RL motors	1.2.5
50	SCR0027A	SCR0027A	Screw WN 1412 KA25x8 (Docking Board)	1.2.4
48	SCR0029A	SCR0029A	Screw DIN 7981C A2 4.2x25 (Docking Station)	1.2.4
127	SCR0033A	SCR0033A	Screw for the Charging Station drive wheel supports	1.2.4
44	SPP0004D	SPP0004C	Spare part gear case	1.2.2 & 1.2.5
82	SPP0005C	SPP0005C	Drop off board + holder	1.2.10
55	SPP0009B	SPP0009B	Gear Shafts replacement kit	1.2.5
11	SPP0011A	SPP0011A	Front wheel with axle	1.1.2 & 1.2.10
15	SPP0012A	SPP0012A	Single high cut blade	1.1.2 & 1.2.11
15	SPP0013A	SPP0013A	Single low cut blade	1.1.2 & 1.2.11
20	SPP0014B	SPP0014A	Battery contacts assembly (RL side)	1.1.3 & 1.2.2
56	SPP0015B	SPP0015A	Gear Frame (+ GEN0202A)	1.2.5
17	SPP0018A	SPP0018A	Wire Sensors x4 with cable	1.1.3
25	SPP0019C	SPP0019B	Main Board (ESBC050D)	1.1.3 & 1.4.1
21	SPP0020A	SPP0020A	Thermistors kit	1.1.3 & 1.2.11
9	SPP0026A	SPP0026A	Charging contact (for Docking Station)	1.1.1 & 1.2.3
49	SPP0028C	SPP0028C	Charging Station Board (ESB0044C)	1.2.4
29	SPP0030A	SPP0030A	Charging Station Cover	1.2.4
32	SPP0031A	SPP0031A	Charging Station Contacts Assembly	1.2.4
6	SPP0032A	SPP0032A	Operation lamp cover + seal	1.1.1 & 1.2.3
115	SPP0033D	SPP0033C	Flash Software v3.2-08 + Operating Manual (En)	NA
115	SPP0035D	SPP0035C	Flash Software v3.2-08 + Operating Manual (BLX)	NA
115	SPP0036D	SPP0036C	Flash Software v3.2-08 + Operating Manual (DE)	NA
30	SPP0039A	SPP0039A	Charging Station Base (Green)	1.2.4
115	SPP0040E	SPP0040D	Flash Software v3.2-08 + Operating Manual (IT)	NA
115	SPP0041E	SPP0041D	Flash Software v3.2-08 + Operating Manual (DK)	NA
23	SPP0050A	SPP0008B	Drive motor (right) replacement kit (Black&White)	1.1.3 & 1.2.5
23	SPP0051A	SPP0008B	Drive motor (left) replacement kit (Red&Green)	1.1.3 & 1.2.5
111	SPP0052A	-----	RL pinion + magnets	1.2.5
115	SPP0101C	SPP0101B	Flash Software v4.1-08 + Operating Manual (En)	NA
115	SPP0102C	SPP0102B	Flash Software v4.1-08 + Operating Manual (BLX)	NA
115	SPP0103C	SPP0103B	Flash Software v4.1-08 + Operating Manual (DE)	NA
115	SPP0104C	SPP0104B	Flash Software v4.1-08 + Operating Manual (IT)	NA
115	SPP0105C	SPP0105B	Flash Software v4.1-08 + Operating Manual (DK)	NA
122	SPP0106A	SPP0106A	Charging Station drive wheel supports + screws	1.1.4 & 1.2.4
91	STC0012B	STC0012A	Rear warning sticker	1.2.13
89	STC0018A	STC0018A	Danger sticker	1.2.13
90	STC0022A	STC0022A	Front caution sticker	1.2.13
92	STC0036D	STC0036C	Battery charging decal (4 languages)	1.2.13
8	STC0048A	STC0048A	RL550 Sticker	1.1.1
8	STC0049A	STC0049A	RL850 Sticker	1.1.1
120	STC0052A	STC0052A	Theft Guard decal	NA
33	STC0054A	STC0054A	Charging station cover sticker	1.1.4

1.6.2 Spare Parts – sorted by Friendly part number (con.)

#	Friendly P/N (2008)	Friendly P/N (2007)	Part Description	Appears in Exploded views No.
93	STC0055A	STC0055A	Charging Station fence sticker	1.2.13
8	STC0056A	STC0056A	RL1000 Sticker	1.1.1
8	STC0057A	STC0057A	RL350 Sticker	1.1.1
124	STC0058A	STC0058A	Crossed-out wheeled bin	
88	TOL0001A	TOL0001A	Mowing motor removal tool	1.1.12
4	UNT0009A	UNT0009A	Power Pack	1.1.1 & 1.2.6
68	UNT0016A	UNT0016A	Power Pack external charging adaptor	1.2.6
96	WSB0025B	WSB0025B	Perim. wire to perim. switch cable	1.2.14
100	WSB0035A	WSB0035A	Main board to battery cable	1.4.1 & 1.5.1
114	WSB0042A	WSB0042A	Drop off cable	1.4.1
103	WSB0043B	WSB0043B	Bumper cable	1.4.1 & 1.5.1
105	WSB0044A	WSB0044A	Lamp board cable	1.2.3 & 1.5.1
106	WSB0046B	WSB0046B	Fuse holder battery pack cable	1.5.2
107	WSB0048B	WSB0048B	(-) spring battery cable	1.5.2
108	WSB0049B	WSB0049B	Battery jumper cable	1.5.2
101	WSB0052A	WSB0052A	Flat cable	1.4.1 & 1.5.1
98	WSB0053A	WSB0053A	Mowing motors cable	1.2.14 & 1.4.1
104	WSB0063A	WSB0063A	Drive motor + ferrite cable	1.4.1 & 1.5.1
109	WSB0071A	WSB0071A	Connector Board to charging contacts cable	1.5.1

1.7 Parts Compatibility Table

P/N	Description	Service Bulletin	Compatible with
GEN0118A	Front Wheel Click Spring	#RL0536-05	S/N IRL02340100 and older
GEN0148A	Navigator keypad	-----	S/N IRL02340100 and older (M. Controller without 'GO' printed on the green button)
GEN0182A	Cover-base seal ring	-----	S/N IRL03000000 and onwards
GEN0207A GEN0208A	Front Wheel stopper Front Wheel spring	#RL0536-05	S/N IRL03010000 and onwards
MSB0065B	Mowing Unit + cable	#RL0536-06	All models
MSB0106B	Front bumper (one spring) assembly	#RL0340-08	All models
MSB0112A MSB0114A	Manual controller (tones) M. Controller (US - speech)	#RL0640-09	All models
MSB0118B MSB0119A	Manual controller (ESBC050B and forwards) Enhanced Manual Controller (Rain sensor)	#RL0640-09	Main Board ESBC050B and onwards
SPP0005C	Drop off board	#RL0641-19	Not compatible with S.W. versions '06
SPP0019C	Main Board	#RL0740-01	All models, but with S.W. '08 and onwards

Sample of ID decal (serial number) located at bottom of the Power Pack cavity:

