

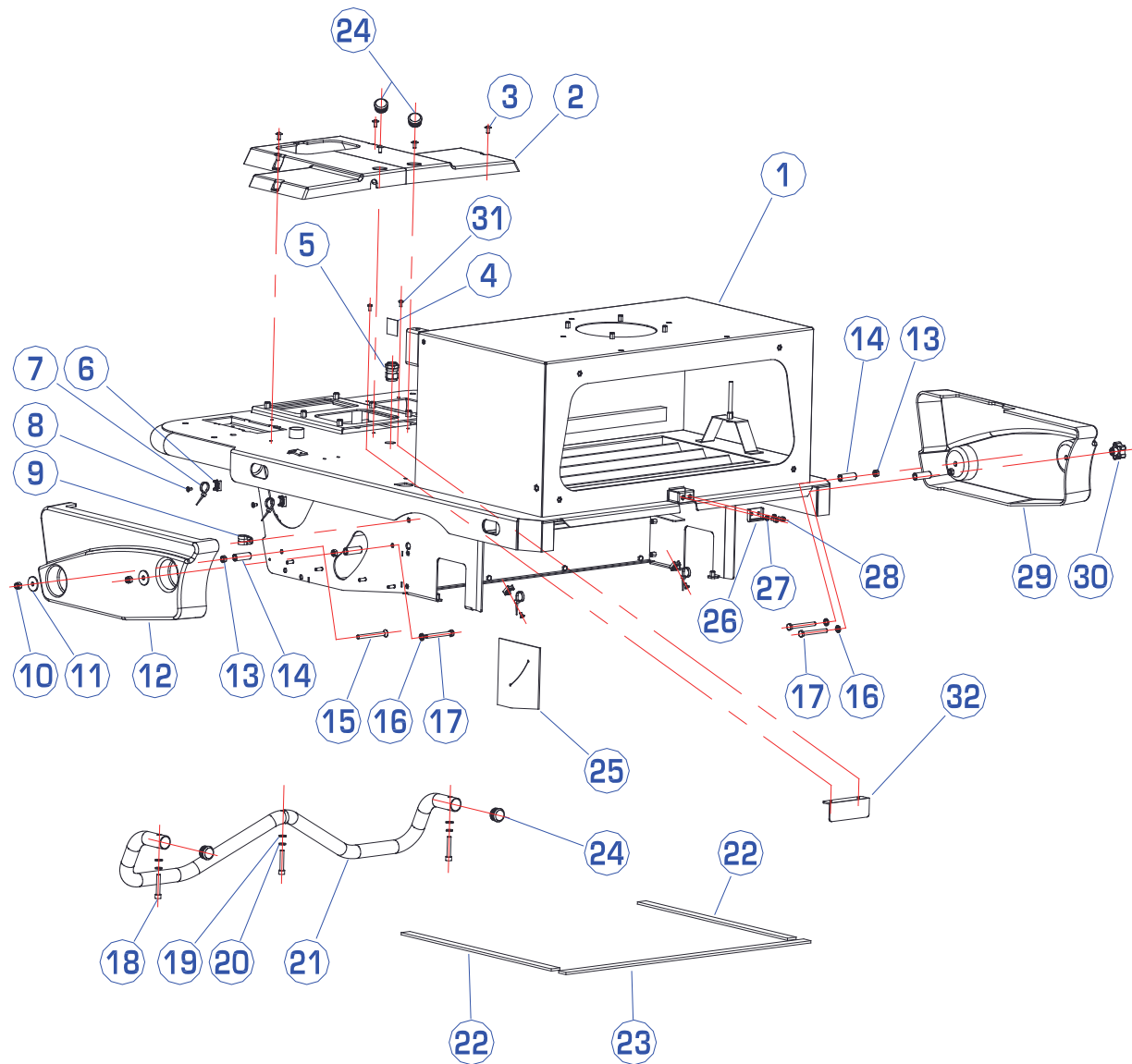


Ride-on Auto Sweeper



iS1100L+

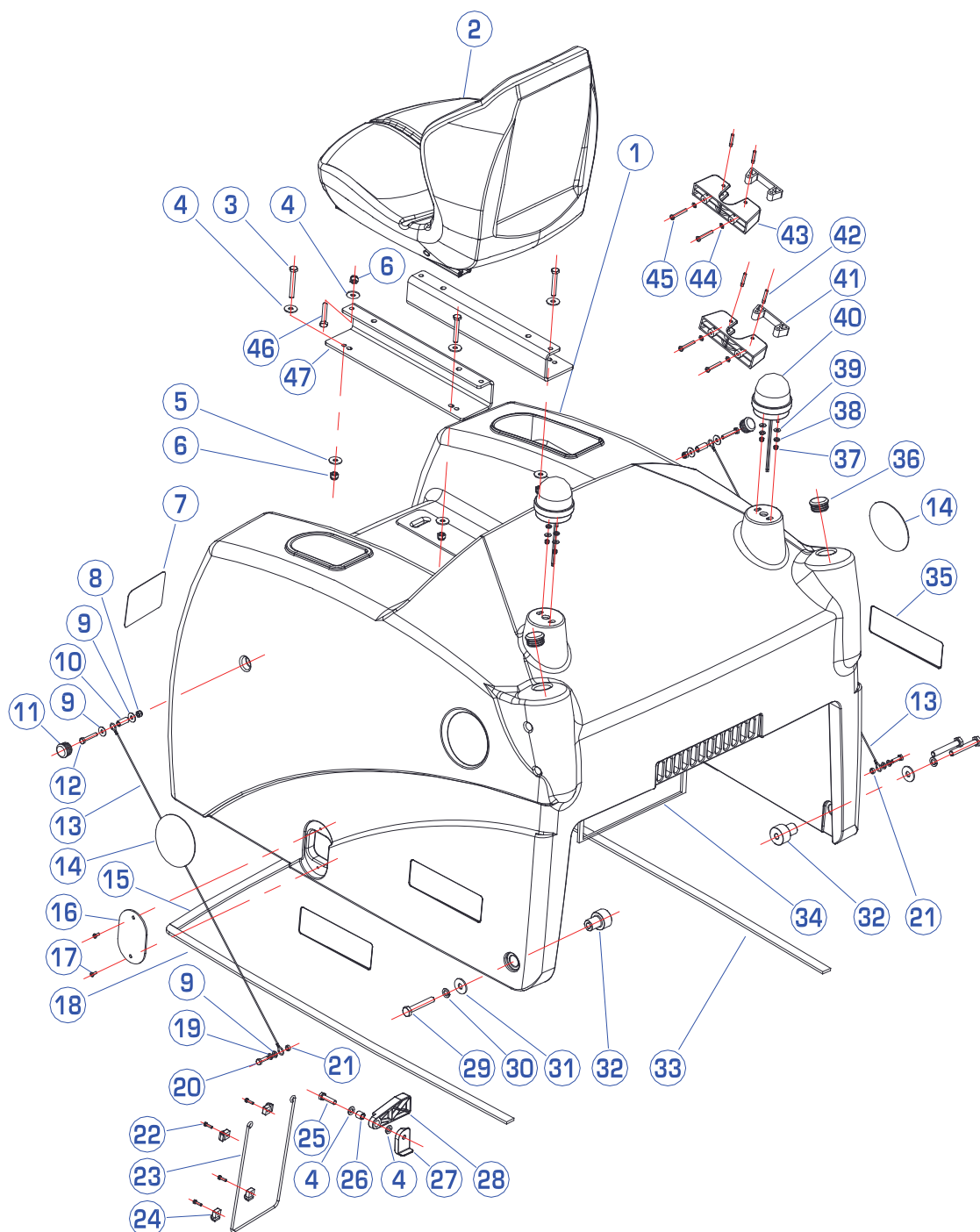
CHASS ASSEMBLY



PARTS LIST

DIA NO	PART NUMBER	DESCRIPTION	NO REQ'D
1	7000000	Chassis Assembly	1
2	7000028	Foot Borad	1
3	1221614	Screw,Ph,M6X14	6
4	7000712	Decal,Main Brush Adjustment	1
5	7000277	Strain Relief	1
6	7000275	Clamp Support	4
7	1914080	Plastic Clamp	4
8	1513510	Countersunk Hex Screw,M5X10	5
9	6150712	Clamp	1
10	1123810	Nut,Lock,SS,M8	2
11	1421828	Washer,Plain, ϕ 8X ϕ 28X3	2
12	7000414	Left Cover	1
13	1121807	Nut,SS,M8	4
14	7000033	Spacer	4
15	1513880	Countersunk Hex Screw,M8X80	1
16	1434800	Spring Lock Washer, ϕ 8	1
17	1021870	Screw, RHM, M8X70, SST	3
18	1022845	Screw, RHM, M8X45, SST	3
19	1411816	Washer,Plain, ϕ 8X ϕ 16X1.6	3
20	1422821	Washer, Lock, ϕ 8	3
21	7000269	Front Bumper	1
22	7000271	Gasket	2
23	7000270	Gasket	1
24	7000283	Cap	4
25	7000286	Gasket	1
26	7000181-4	Hook	1
27	1021616	Washer, Lock, ϕ 6	2
28	1521612	Socket Head, M6X12, SST	2
29	7000415	Right Cover	1
30	7000180	Knob	2
31	1221508	Screw,Ph,M5X8	2
32	7000225	Plate,Front	1

BODY ASSEMBLY



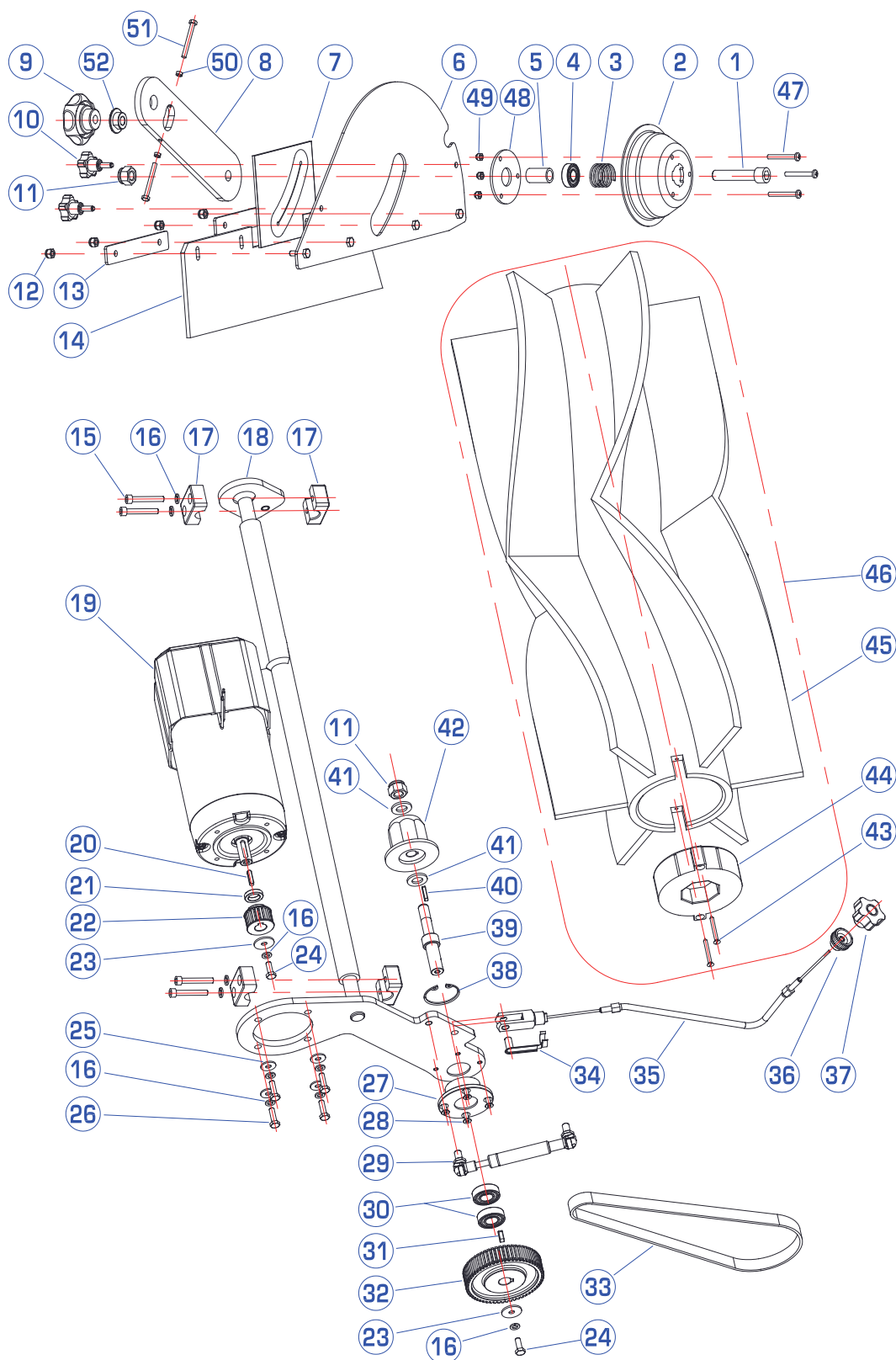
PARTS LIST

DIA NO	PART NUMBER	DESCRIPTION	NO REQ'D
1	7000311	Body	1
2	7000276A	Seat	1
3	1021855	Screw, RHM, M8X55, SST	4
4	1411816	Washer, Plain, ϕ 8X ϕ 16X1.6	10
5	1421828	Washer, Plain, ϕ 8X ϕ 28X3	4
6	1123810	Nut, Lock, SS, M8	8
7	7000709	Warning Decal	1
8	1123608	Nut, Lock, SS, M6	2
9	1421618	Washer, Plain, ϕ 6.4X ϕ 18X1.6	6
10	7000308	Tube	2
11	7000318	Cap	2
12	1021635	Screw, RHM, M6X35, SST	2
13	7000416	Rope	2
14	4010316	ICE Logo	2
15	7000305	Middle Gasket	1
16	8210114	Clear Window	1
17	1221410	Screw, Ph, M4X10	2
18	7000306	Left Gasket	1
19	1422616	Washer, Lock, ϕ 6	2
20	1021616	Screw, RHM, M6X16, SST	2
21	7000295	Tube	2
22	1222416	Screw, M4X16, SST	4
23	8133501	Mesh	1
24	8133502	Clip, Mesh	4
25	1021830	Screw, RHM, M8X30, SST	1
26	8115404	Bushing	1
27	8111008	Stopper	1
28	8111007	Bracket	1
29	1021065	Screw, RHM, M10X65, SST	2
30	1422026	Washer, Lock, ϕ 10	2
31	1421030	Washer, Plain, ϕ 10X ϕ 30X2.5	2
32	7000025	Pin	2
33	7000307	Right Gasket	1
34	7000165	Gasket	1
35	8130099	Decal (only for i-Synergy)	2
36	7000287	Cap	2
37	1121403	Nut, SS, M4	4
38	1422411	Washer, Lock, ϕ 4	4
39	1421412	Washer, Plain, ϕ 4X ϕ 12X1	4

PARTS LIST

DIA NO	PART NUMBER	DESCRIPTION	NO REQ'D
40	7000313A	Flash Light	2
41	7000316	Clamp	2
42	7000317	Pin	4
43	7000315	Bracket	2
44	1421511	Washer, Plain, ϕ 5X ϕ 12X1	4
45	1221535	Screw, Ph, M5X35	4
46	1021820	Screw, RHM, M8X30, SST	4
47	7000268	Bracket	2

MAIN BRUSH ASSEMBLY



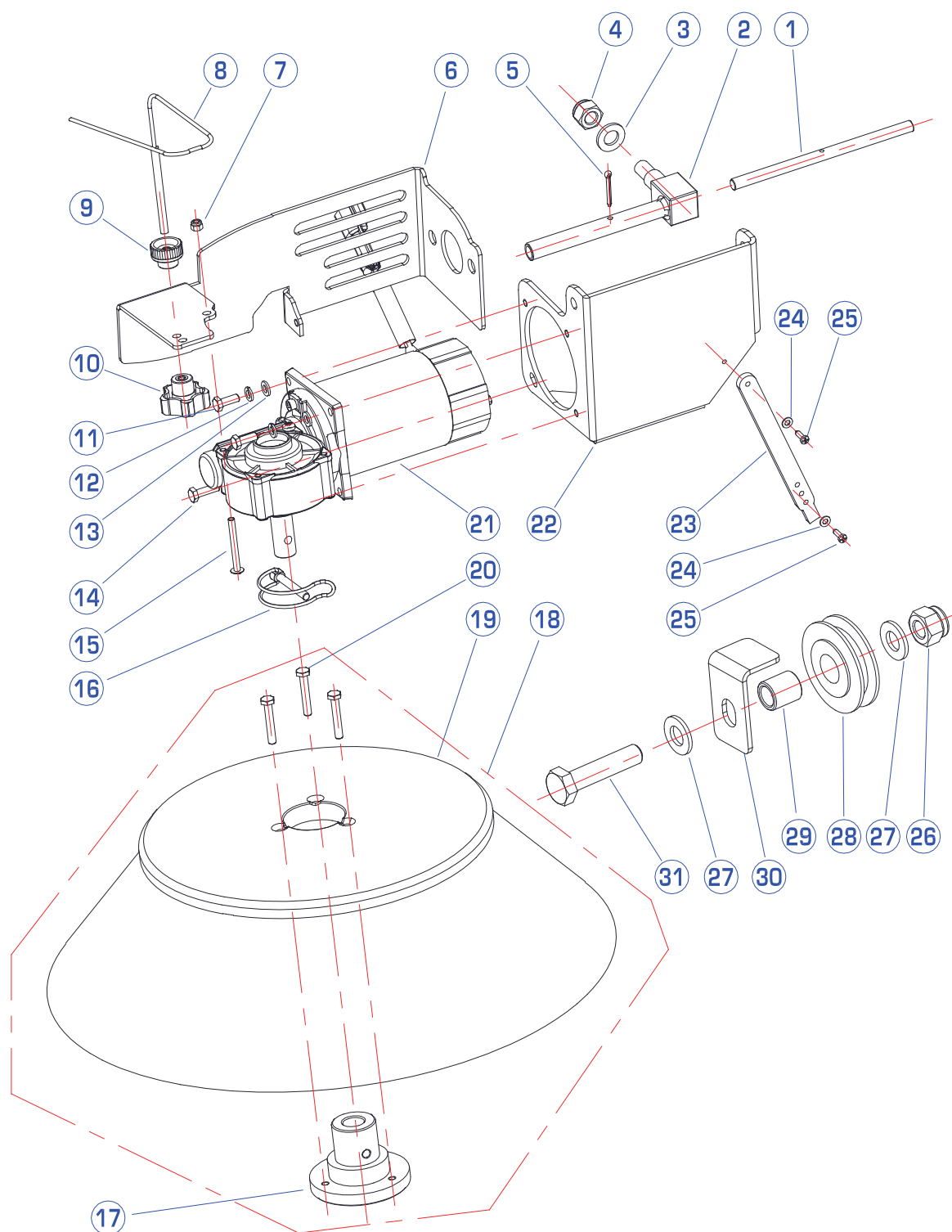
PARTS LIST

DIA NO	PART NUMBER	DESCRIPTION	NO REQ'D
1	1521260	Socket Head, M12X60, SST	1
2	7000069	Free Hub	1
3	7000070	Spring	1
4	7000185	Ball Bearing	1
5	7000068	Spacer	1
6	7000133	Support,Right Skirt	1
7	7000285	Gasket Adhesive	1
8	7000067	Plate	1
9	7000174	Knob,M10	1
10	7000179	Knob,M6	2
11	1123115	Nut,Lock,SS,M12	2
12	1123608	Nut,Lock,SS,M6	4
13	7000135	Plate,Side Skirt	2
14	7000134	Side Skirt	1
15	1521640	Screw, RHM, M6X40, SST	4
16	1422616	Washer, Lock, Ø6	10
17	7000053	Support,Main Brush Shaft	4
18	7000055	Shaft,Main Brush	1
19	7000324A	Main Brush Motor	1
20	1655020	Key,5X5X20	1
21	7000064	Spacer	1
22	7000065	Pulley,HTD20 5M 15 6F	1
23	1621624	Washer,Plain, φ 6.6X φ 22X2	2
24	1021616	Screw, RHM, M6X16, SST	2
25	1421618	Washer,Plain, φ 6.4X φ 18X1.6	4
26	1021620	Screw, RHM, M6X20, SST	4
27	7000060	Flange	1
28	1222512	Screw, HH, M5X12, SST	4
29	7000190	Gas,Spring	1
30	7000186	Ball Bearing,6002 2RS	2
31	1655015	Key,5X5X15	1
32	7000062	Pulley,HTD60 5M 15 6W	1
33	7000192	Belt	1
34	7000512	Clips	1
35	7000513	Cable,Main Brush	1
36	7000177	Knob	1
37	7000178	Knob	1
38	1437032	Ring Retaining	1
39	7000061	Pin	1

PARTS LIST

DIA NO	PART NUMBER	DESCRIPTION	NO REQ'D
40	1644020	Key,4X4X20	1
41	1421124	Washer,Plain, ϕ 13X ϕ 25X2.5	2
42	7000063	Traction Hub	1
43	1321240	Screw,ST4.2X40, SST	2
44	7000073	Hub	1
45	7000072	Main Brush (Poly)	1
	7000620-1	Main Brush (Poly / Wire)	1
	7000621-1	Main Brush (Mix Fibres)	1
	7000631-1	Main Brush Assembly (Pa66)	1
46	7000071	Main Brush Assembly (Poly)	1
	7000620	Main Brush Assembly (Poly / Wire)	1
	7000621	Main Brush Assembly (Mix Fibres)	1
	7000631	Main Brush Assembly (Pa66)	1
47	1221540	Screw,Ph,M5X40	3
48	7000069-1	Plate	1
49	1123507	Nut,Lock,SS,M5	3
50	1121505	Nut,SS,M5	2
51	1021530	Screw, RHM, M5X30, SST	2
52	7000067-1	Bushing	1

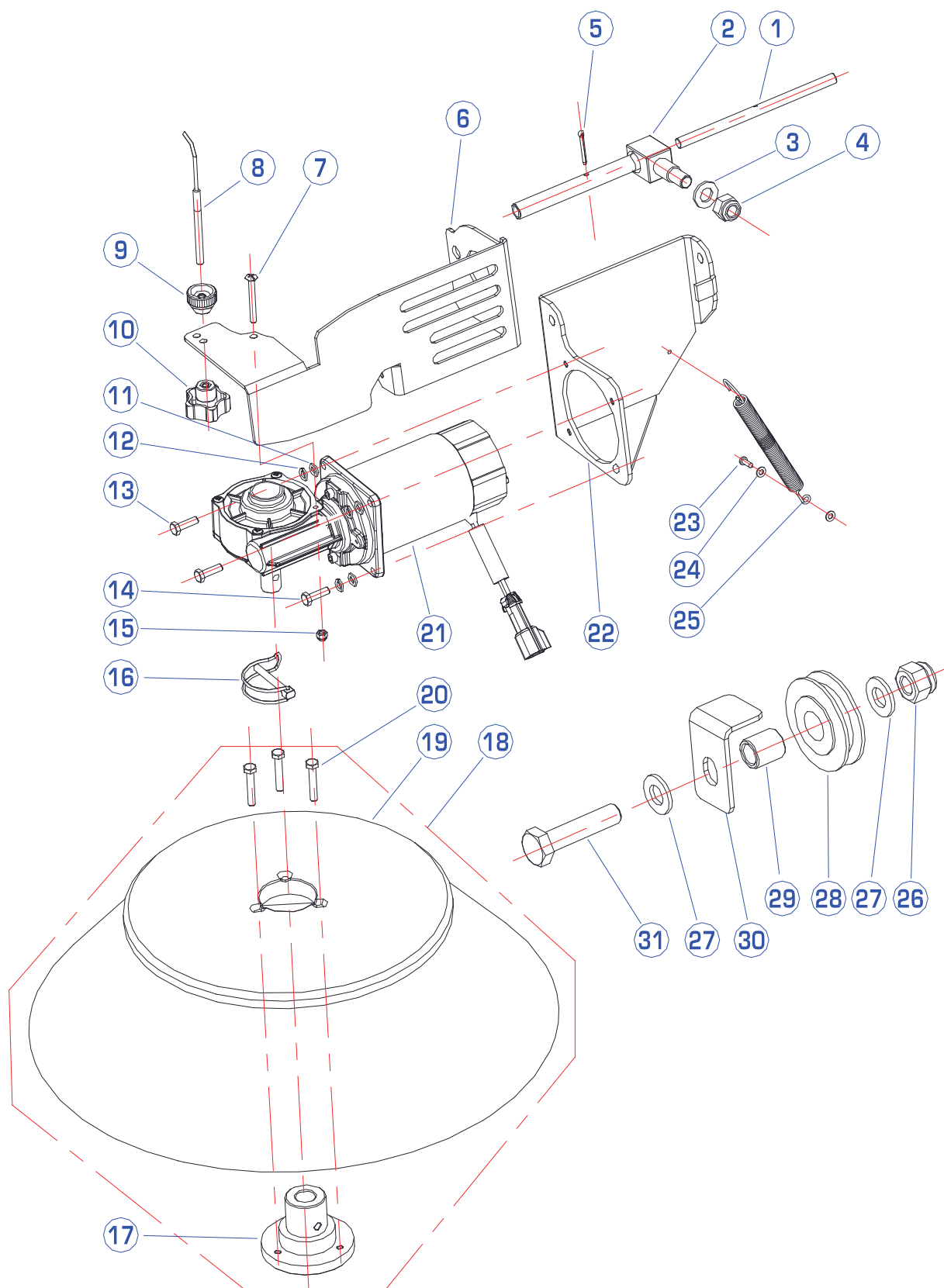
RIGHT SIDE BRUSH ASSEMBLY



PARTS LIST

DIA NO	PART NUMBER	DESCRIPTION	NO REQ'D
1	7000080	Shaft, Side Brush	1
2	7000077	Linkage Assembly, Side Brush	1
3	1421124	Washer,Plain, ϕ 24X ϕ 13X2.5	1
4	1123115	Nut,Lock,SS,M 6	1
5	1645324	Split Pin, ϕ 3.2X24	1
6	7000267	Plate	1
7	1123507	Nut,Lock,SS,M 5	1
8	7000503	Cable,Right Side Brush	1
9	7000177	Knob	1
10	7000178	Knob	1
11	1021616	Screw, RHM, M6X16, SST	3
12	1422616	Washer, Lock, ϕ 6	4
13	1421612	Washer,Plain, ϕ 6X ϕ 12X1.6	4
14	1021625	Screw, RHM, M6X25, SST	1
15	1221550	Screw,Ph,M5X50	1
16	7000274	Split Pin	1
17	7000085	Hub,Side Brush	1
18	7000083	Side Brush Assembly(Poly)	1
	7000622	Side Brush Assembly(Poly / Wire)	1
	7000623	Side Brush Assembly(Mix Fibres)	1
19	7000084	Side Brush (Poly)	1
	7000622-1	Side Brush (Poly / Wire)	1
	7000623-1	Side Brush (Mix Fibres)	1
20	1513626	Countersunk Hex Screw,M6X25	3
21	7000194A	Right Side Brush Motor	1
22	7000075	Support,Right Side Brush	1
23	7000323	Spring	1
24	1421412	Washer,Plain, ϕ 4X ϕ 12X1	2
25	1311417	Screw,ST4X14	1
26	1123810	Nut,Lock,SS,M 8	1
27	1411816	Washer,Plain, ϕ 8X ϕ 16X1.6	2
28	7000032	Pulley	1
29	7000031	Spacer	1
30	7000030	Bracker,Cable Fixing	1
31	1021835	Screw, RHM, M8X35, SST	1

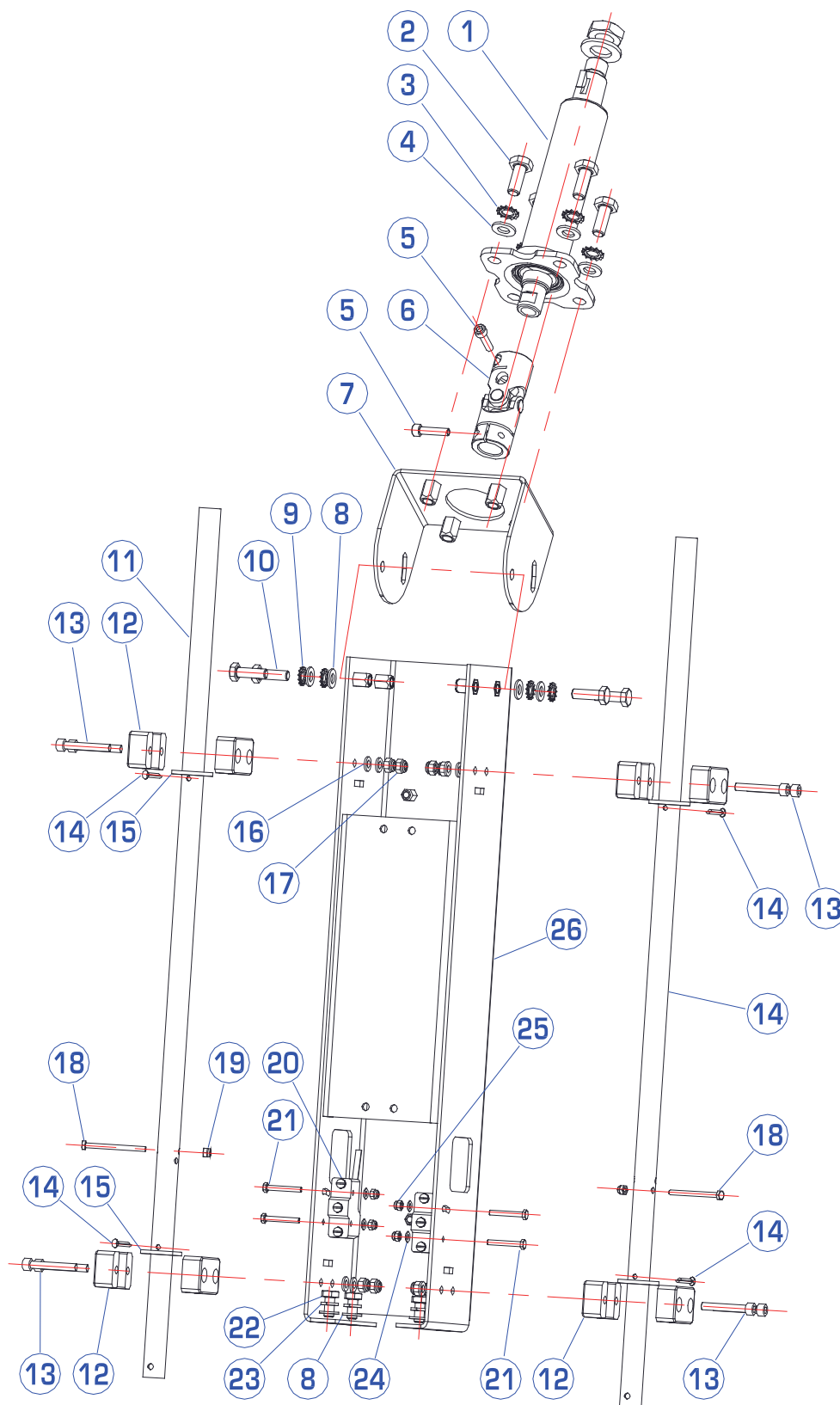
LEFT SIDE BRUSH ASSEMBLY



PARTS LIST

DIA NO	PART NUMBER	DESCRIPTION	NO REQ'D
1	7000080	Shaft, Side Brush	1
2	7000077	Linkage Assembly, Side Brush	1
3	1421124	Washer, Plain, ϕ 24X ϕ 13X2.5	1
4	1123115	Nut, Lock, SS, M6	1
5	1645324	Split Pin, ϕ 3.2X24	1
6	7000266	Plate	1
7	1221550	Screw, Ph, M5X50	1
8	7000504	Cable, Left Side Brush	1
9	7000177	Knob	1
10	7000178	Knob	1
11	1421612	Washer, Plain, ϕ 6X ϕ 12X1.6	4
12	1422616	Washer, Lock, ϕ 6	4
13	1021616	Screw, RHM, M6X16, SST	3
14	1021625	Screw, RHM, M6X25, SST	1
15	1123507	Nut, Lock, SS, M5	1
16	7000274	Split Pin	1
17	7000085	Hub, Side Brush	1
18	7000083	Side Brush Assembly(Poly)	1
	7000622	Side Brush Assembly(Poly / Wire)	1
	7000623	Side Brush Assembly(Mix Fibres)	1
19	7000084	Side Brush (Poly)	1
	7000622-1	Side Brush (Poly / Wire)	1
	7000623-1	Side Brush (Mix Fibres)	1
20	1513626	Countersunk Hex Screw, M6X25	3
21	7000193A	Left Side Brush Motor	1
22	7000082	Support, Left Side Brush	1
23	1311417	Screw, ST4X14	1
24	1421412	Washer, Plain, ϕ 4X ϕ 12X1	2
25	7000323	Spring	1
26	1123810	Nut, Lock, SS, M8	1
27	1411816	Washer, Plain, ϕ 8X ϕ 16X1.6	2
28	7000032	Pulley	1
29	7000031	Spacer	1
30	7000030	Bracker, Cable Fixing	1
31	1021835	Screw, RHM, M8X35, SST	1

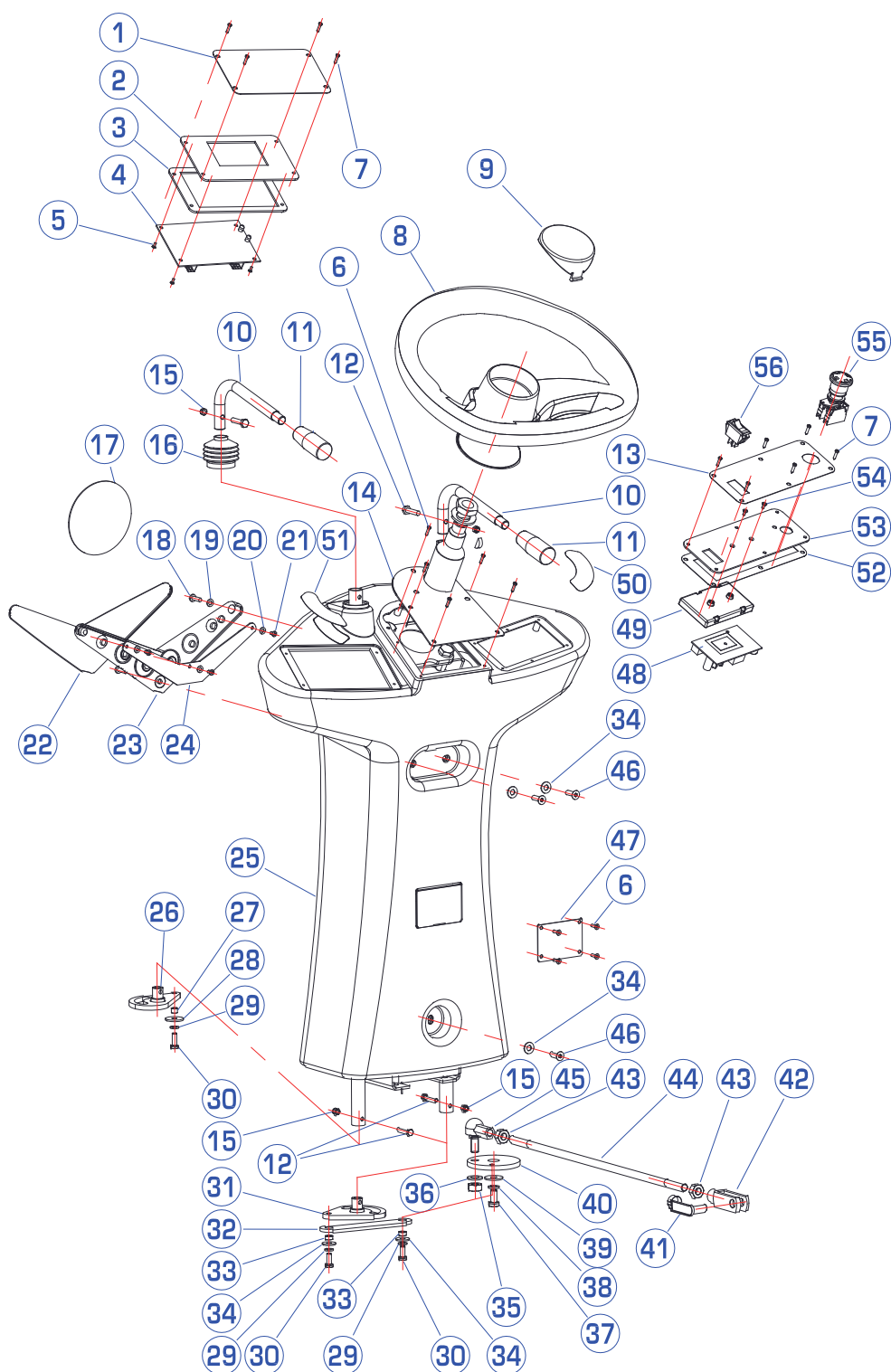
STEERING ASSEMBLY



PARTS LIST

DIA NO	PART NUMBER	DESCRIPTION	NO REQ'D
1	7000410	Steering Column	1
2	1021025	Screw, RHM, M10X25, SST	4
3	1434100	Spring Lock Washer, ϕ 10	4
4	1421020	Washer, Plain, ϕ 10X ϕ 20X2	4
5	1521625	Socket Head, M6X25, SST	2
6	7000411	Joint	1
7	7000113	Support	1
8	1411816	Washer, Plain, ϕ 8X ϕ 16X1.6	4
9	1434800	Spring Lock Washer, ϕ 8	4
10	1021816	Screw, RHM, M8X16, SST	4
11	7000051	Lever Shaft	2
12	7000053	Support, Main Brush Shaft	4
13	1521640	Socket Head, M6X40, SST	8
14	1645425	Elastic Pin, ϕ 4X25	4
15	1421334	Washer, Plain, ϕ 19X ϕ 34X3	4
16	1421612	Washer, Plain, ϕ 6X ϕ 12X1.6	8
17	1123608	Nut, Lock, SS, M6	8
18	7000051-1	Hex Head Screw, SST	2
19	1123507	Nut, Lock, SS, M5	2
20	7000412	Micro Switch	2
21	1021430	Screw, RHM, M4X30, SST	4
22	1021816	Screw, RHM, M8X16, SST	4
23	1422821	Washer, Lock, ϕ 8	4
24	1421412	Washer, Plain, ϕ 4.3X ϕ 12X1	5
25	1123406	Nut, Lock, SS, M4	4
26	7000112	Column	1

STEERING ASSEMBLY



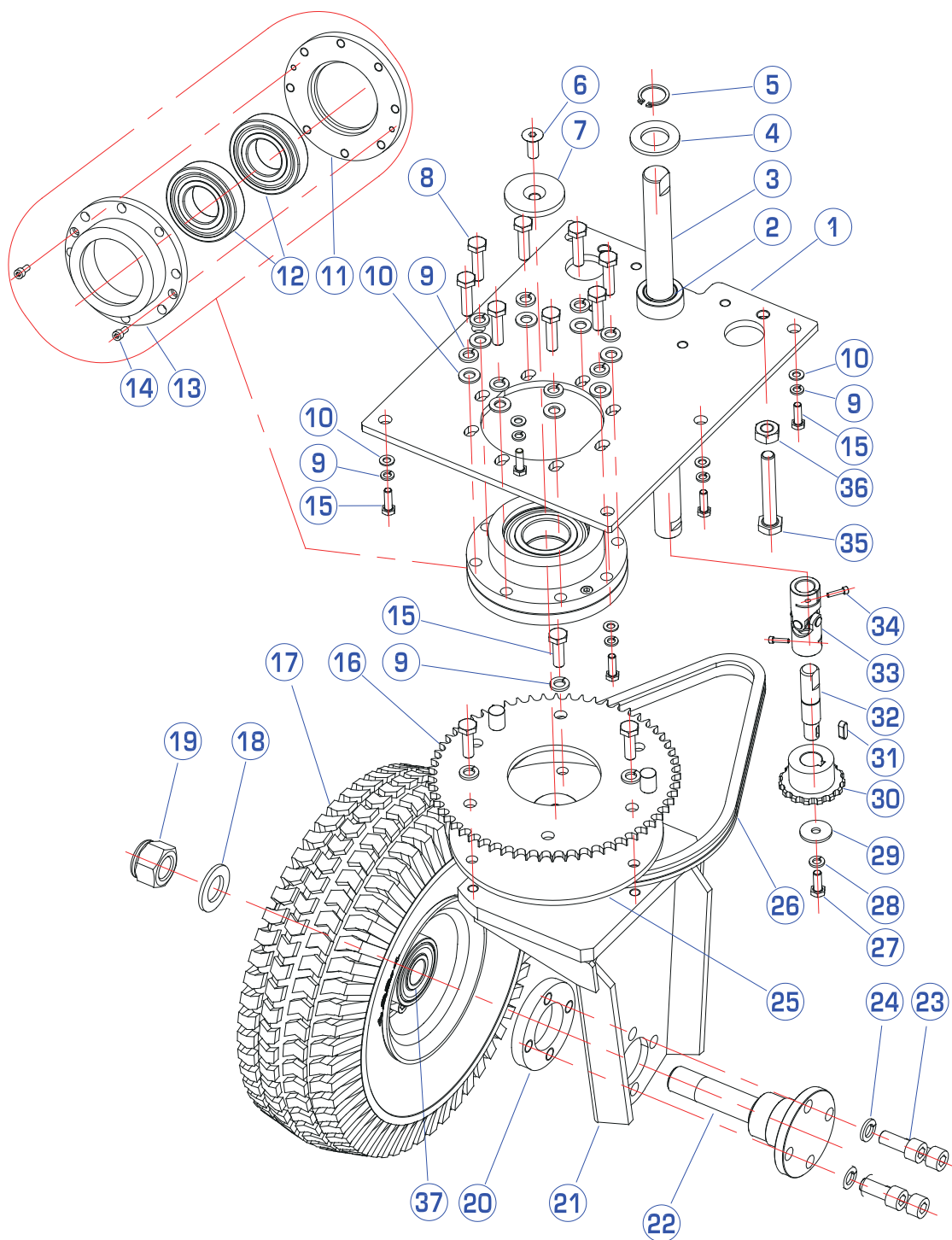
PARTS LIST

DIA NO	PART NUMBER	DESCRIPTION	NO REQ'D
1	7000454	Decal,Dash Board	1
2	7000451	Plate,Electronic Board	1
3	7000453	Gasket	1
4	8134903	Electronic Board	1
5	1221306	Screw, PH, M3X6, SST	4
6	1310016	Screw,ST2.9X16	9
7	1221310	Screw, PH, M3X10, SST	10
8	7000401	Steering Wheel	1
9	7000428	Cover, Steering Wheel	1
10	7000293	Lever	2
11	7000293-1	Cover, Lever	2
12	1021525	Screw, RHM, M5X25, SST	4
13	7000457	Decal, Switch	1
14	7000426	Support, Switch	1
15	1123507	Nut,Lock,SS,M5	2
16	7000314	Rubber Cover	2
17	4010316	ICE Logo	1
18	1221516	Screw, PH, M5X16, SST	3
19	1421510	Washer,Plain, ϕ 5.3X ϕ 10X1	3
20	1421409	Washer,Plain, ϕ 4.3X ϕ 9X0.8	3
21	1321110	Screw,ST3.5X10	3
22	8133602	Cover,Led Lighter	1
23	8133601	Support,Led Lighter	1
24	8133610	Led Lighter	1
25	7000407	Cover,Steering Column	1
26	7000116	Return Lever,Side Brush	1
27	7000115	Spacer	1
28	1621624	Washer,Plain, ϕ 6.6X ϕ 22X2	1
29	1422616	Washer, Lock, ϕ 6	3
30	1021616	Screw, RHM, M6X16, SST	1
31	7000119	Return Lever,Main Brush	1
32	7000171	Lever	1
33	7000172	Spacer	2
34	1421618	Washer,Plain, ϕ 6.4X ϕ 18X1.6	5
35	1123012	Nut,Lock,SS,M10	1
36	1421020	Washer,Plain, ϕ 10.5X ϕ 20X2	1
37	1021816	Screw, RHM, M8X16, SST	1
38	1422821	Washer, Lock, ϕ 8	1
39	1421824	Washer,Plain, ϕ 8X ϕ 24X2	1

PARTS LIST

DIA NO	PART NUMBER	DESCRIPTION	NO REQ'D
40	7000170	Disk Plate	1
41	7000502	Clips	1
42	7000501	Fork(long)	1
43	1121008	Nut,SS,M10	2
44	7000173	Bar	1
45	7000294	Joint-head	1
46	1521625	Socket Head, M6X25, SST	3
47	7000484	Serial Decal	1
48	8134768	RFID PCB	1
49	8134769	Box, PCB	1
50	7000423	Decal, Main brush	1
51	7000427	Decal, Side brush	1
52	7000458	Gasket	1
53	7000456	Support, Switch	1
54	1222305	Screw, FH, M3X5, SST	2
55	8310707	Emergency Switch	1
56	6210503	Switch	1

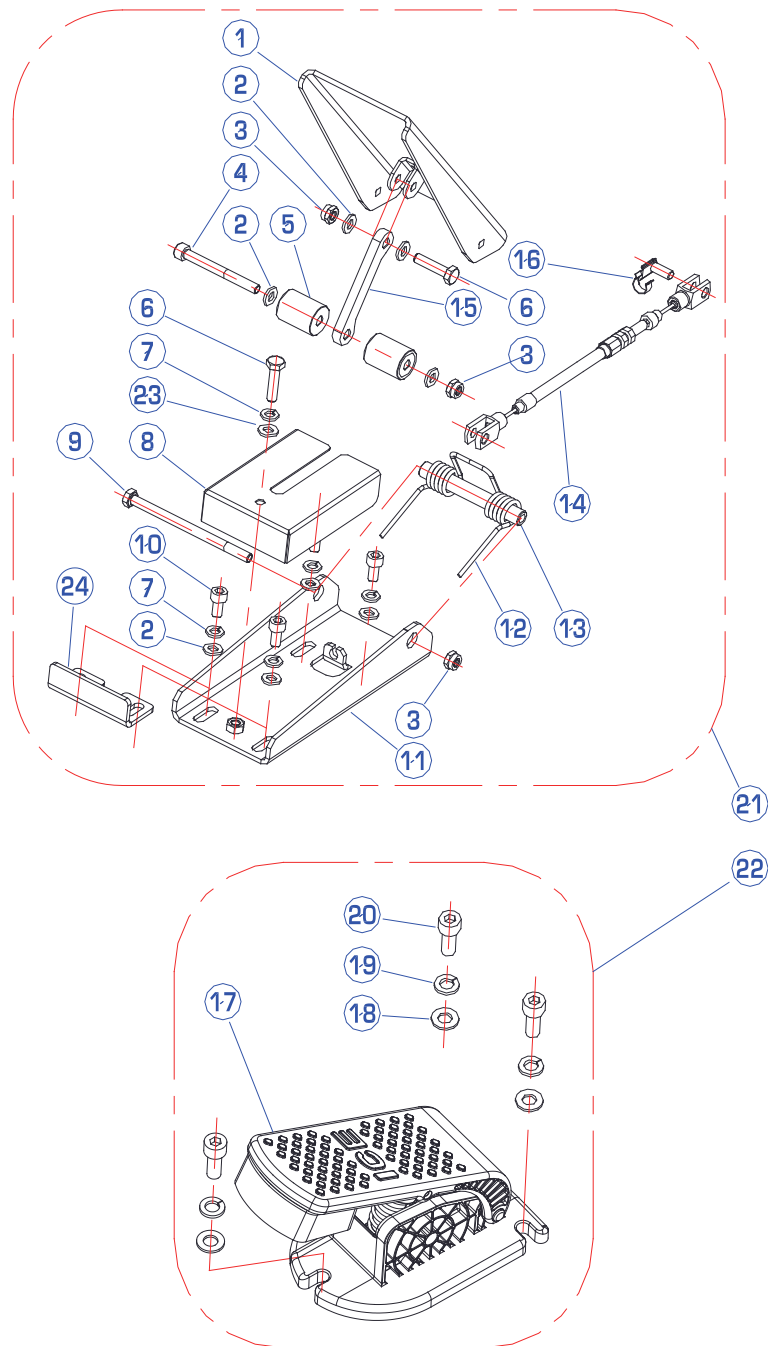
FRONT WHEEL ASSEMBLY



PARTS LIST

DIA NO	PART NUMBER	DESCRIPTION	NO REQ'D
1	7000099	Plate Supporting	1
2	7000103	Bushing	1
3	7000107	Shaft	1
4	1421330	Washer,Plain, ϕ 21X ϕ 37X3	1
5	1436020	Ring Retaining	1
6	1513825	Countersunk Hex Screw,M8X25	1
7	7000106	Bearing Retainer	1
8	1021830	Screw, RHM, M8X30, SST	8
9	1422821	Washer, Lock, ϕ 8	17
10	1411816	Washer,Plain, ϕ 8X ϕ 16X1.6	14
11	7000098	Flange	1
12	7000187	Ball Bearing,6207 2RS	2
13	7000097	Flange	1
14	1521512	Socket Head, M5X12, SST	2
15	1021825	Screw, RHM, M8X25, SST	9
16	7000093	Crown	1
17	7000198	Front Wheel	1
18	1421330	Washer,Plain, ϕ 21X ϕ 37X3	1
19	1123020	Nut,Lock,SS,M20	1
20	7000104	Flange	1
21	7000087	Support,Front Wheel	1
22	7000105	Shaft,Front Wheel	1
23	1521025	Socket Head, M10X25, SST	4
24	1422026	Washer, Lock, ϕ 10	4
25	7000092	Plate	1
26	7000110	Chain	1
27	1021616	Screw, RHM, M6X16, SST	1
28	1422616	Washer, Lock, ϕ 6	1
29	1621624	Washer,Plain, ϕ 6.6X ϕ 22X2	1
30	7000109	Sprocket	1
31	1655015	Key,5X5X15	1
32	7000108	Steering Shaft	1
33	7000411	Joint	1
34	1521625	Socket Head, M6X25, SST	2
35	1022065	Screw, RHM, M10X65, SST	2
36	1121008	Nut,SS,M10	2
37	7000198-3	Ball Bearing,6204 2RS	2

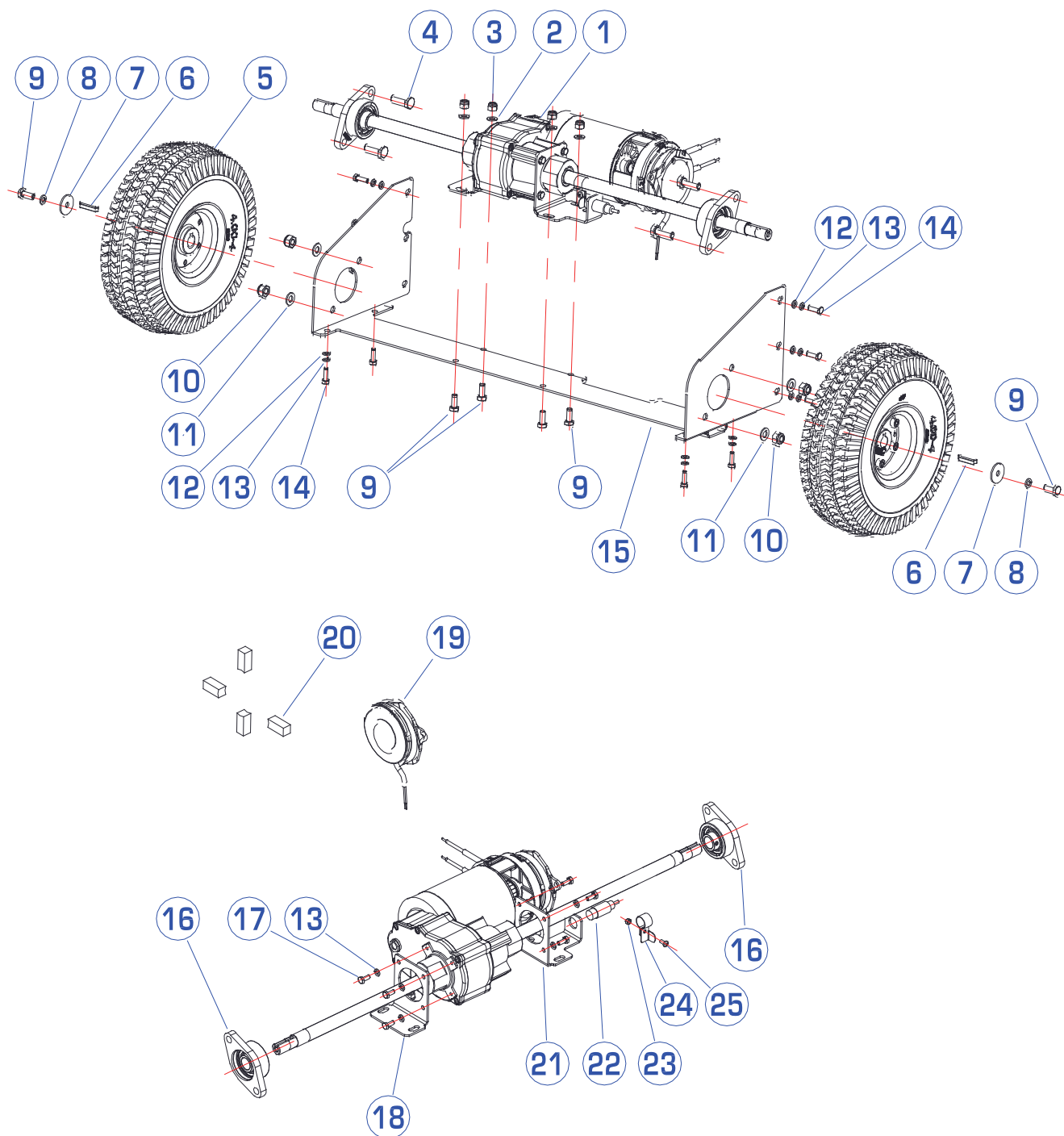
PEDAL ASSEMBLY



PARTS LIST

DIA NO	PART NUMBER	DESCRIPTION	NO REQ'D
1	7000214	Pedal	1
2	1421612	Washer,Plain, ϕ 6X ϕ 12X1.6	8
3	1123608	Nut,Lock,SS,M6	3
4	1521655	Socket Head, M6X55, SST	1
5	7000220	Roller	1
6	1021625	Screw, RHM, M6X25, SST	2
7	1021616	Washer, Lock, ϕ 6	5
8	7000221	Cover	1
9	1222690	Screw, RHM, M6X90, SST	1
10	1521612	Socket Head, M6X12, SST	4
11	7000211	Pedal Support	1
12	7000217	Spring	1
13	7000213	Spacer	1
14	7000508	Cable,Front Skirt Lift-up	1
15	7000219	Lever	1
16	7000507	Clips	1
17	7000162	Speed Control Pedal	1
18	1411816	Washer,Plain, ϕ 8X ϕ 16X1.6	3
19	1422821	Washer, Lock, ϕ 8	3
20	1521820	Socket Head, M8X20, SST	3
21	7000210	Front Skirt Raising Pedal Kit	1
22	7000161	Speed Control Pedal Kit	1
23	1621624	Washer,Plain, ϕ 6X ϕ 22X2	1
24	7000218	Stopper	1

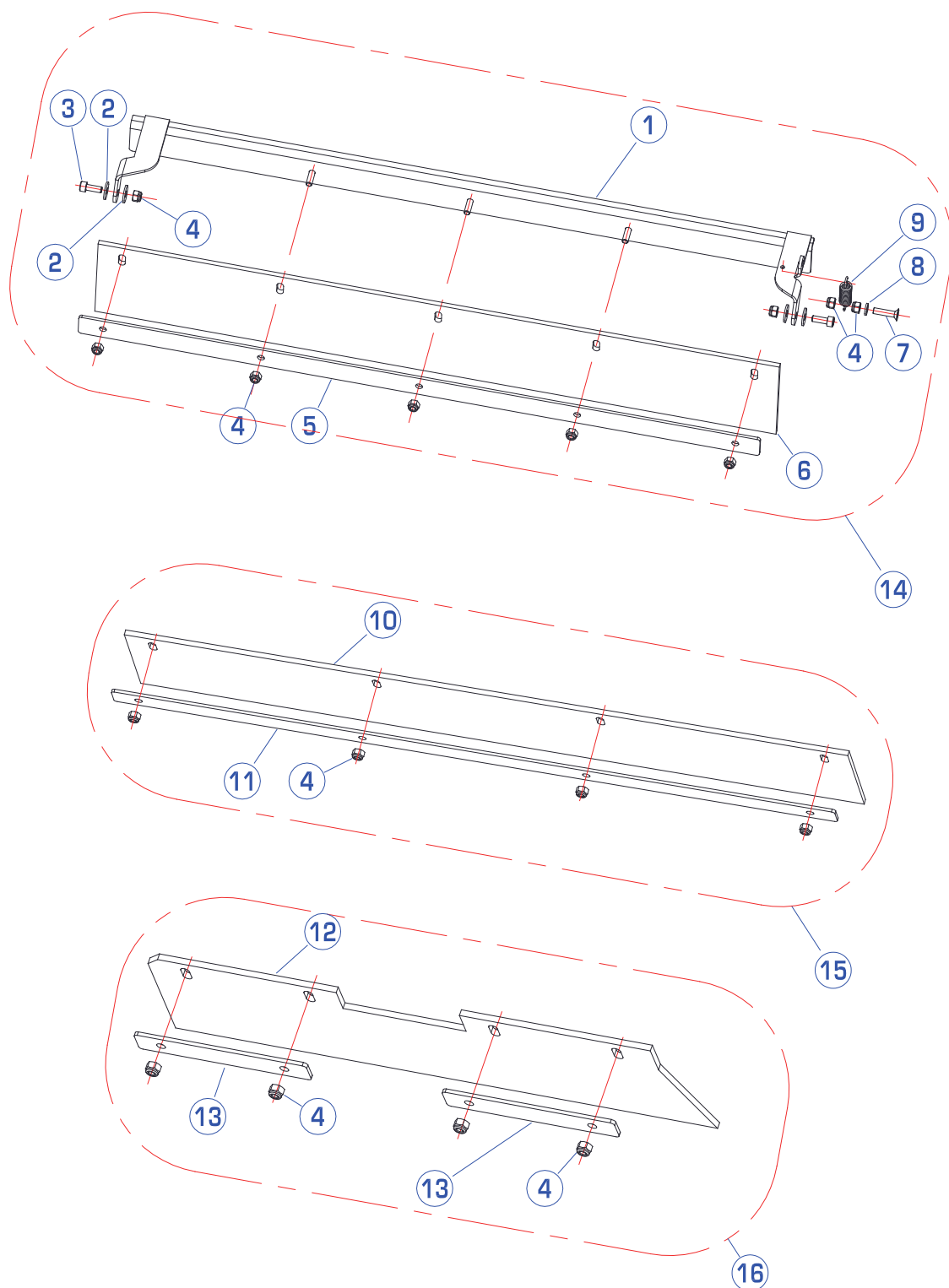
DRIVE ASSEMBLY



PARTS LIST

DIA NO	PART NUMBER	DESCRIPTION	NO REQ'D
1	7000325A	Transaxle(CCL)	1
2	1421824	Washer,Plain, ϕ 8X ϕ 24X2	4
3	1123810	Nut,Lock,SS,M8	4
4	1021030	Screw, RHM, M10X30, SST	4
5	7000199	Traction Wheel	2
6	1666035	Key,6X6X35	2
7	1421828	Washer,Plain, ϕ 8X ϕ 28X3	2
8	1422821	Washer, Lock, ϕ 8	2
9	1021820	Screw, RHM, M8X20, SST	6
10	1123012	Nut,Lock,SS,M10	4
11	1411020	Washer,Plain, ϕ 10X ϕ 20X2	4
12	1421612	Washer,Plain, ϕ 6X ϕ 12X1.6	10
13	1422616	Washer, Lock, ϕ 6	18
14	1021620	Screw, RHM, M6X20, SST	10
15	7000037	Support,Transaxle	1
16	7000188	Ball Bearing with Flange	2
17	1021616	Screw, RHM, M6X16, SST	8
18	7000040	Bracket,Transaxle	1
19	7000327A	Electric brake kit (for CCL motor 7000325A)	1
20	7000325-1	Carbon brushes (for CCL motor 7000325A)	4
21	7000227	Right Bracket,Transaxle	1
22	8134709A	Approach Switch	1
23	1123507	Nut,Lock,SS,M5	1
24	7000228	Bracket	1
25	1221510	Screw, PH, M5X10, SST	1

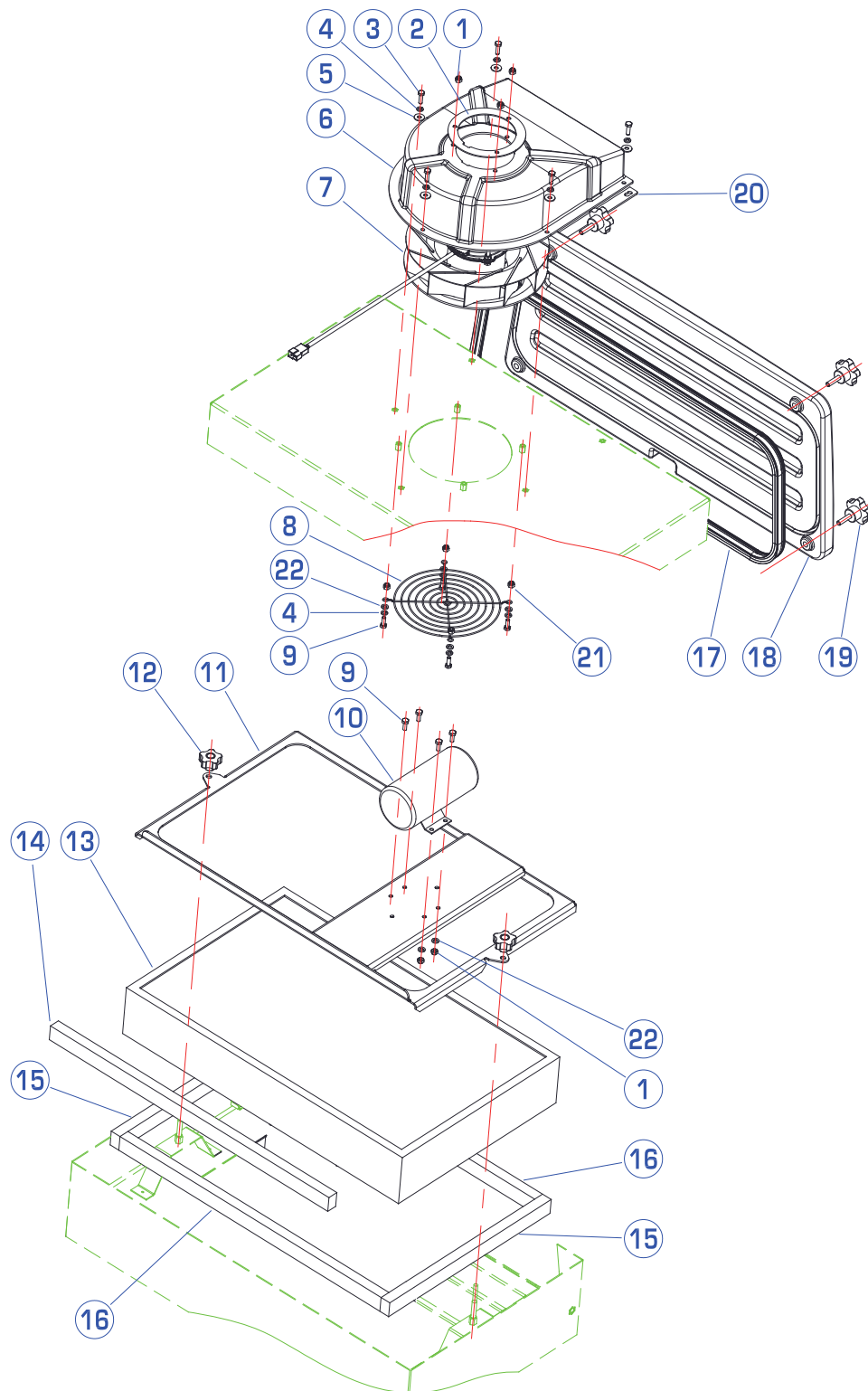
SKIRTS ASSEMBLY



PARTS LIST

DIA NO	PART NUMBER	DESCRIPTION	NO REQ'D
1	7000123	Frame,Front Skirt	1
2	1421618	Washer,Plain, ϕ 6.4X ϕ 18X1.6	4
3	1521616	Socket Head, M6X16, SST	2
4	1123608	Nut,Lock,SS,M6	16
5	7000128	Plate,Front Skirt	1
6	7000127	Front Skirt	1
7	1513626	Countersunk Hex Screw,M6X25	1
8	1421612	Washer,Plain, ϕ 6X ϕ 12X1.6	1
9	7000147	Spring	1
10	7000130	Rear Skirt	1
11	7000131	Plate,Rear Skirt	1
12	7000134	Side Skirt	1
13	7000135	Plate,Side Skirt	2
14	7000122	Front Skirt Assembly	1
15	7000129	Rear Skirt Assembly	1
16	7000136	Left Skirt Assembly	1

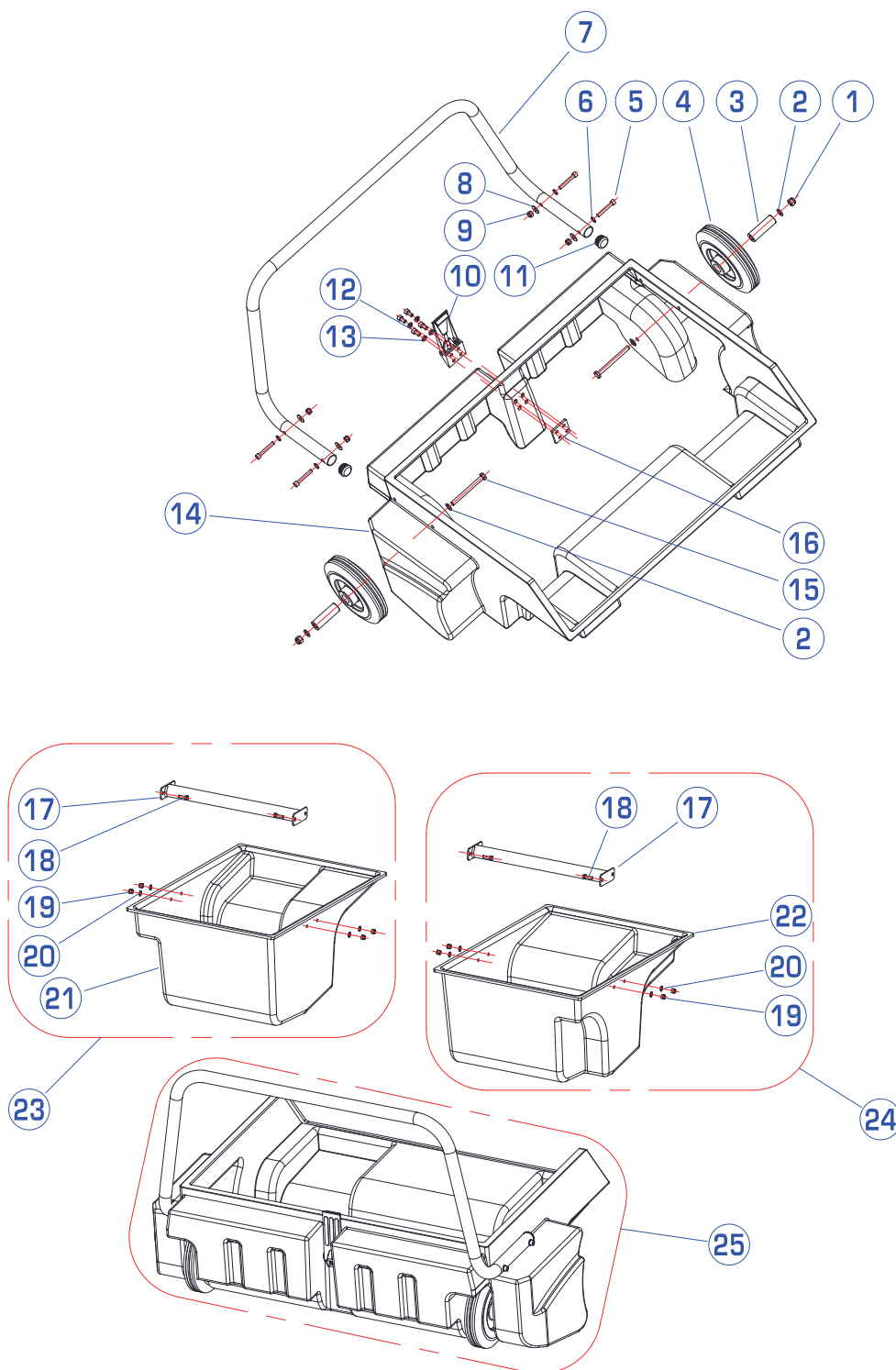
DUST CONTROL SYSTEM



PARTS LIST

DIA NO	PART NUMBER	DESCRIPTION	NO REQ'D
1	1123608	Nut,Lock,SS,M6	7
2	7000158-1	Plate	1
3	1021620	Screw, RHM, M6X20, SST	5
4	1422616	Washer, Lock, Ø6	9
5	1421618	Washer,Plain, φ 6.4X φ 18X1.6	5
6	7000158	Cover	1
7	7000159A	Vacuum Fan	1
8	7000160	Screen Protection	1
9	1021616	Screw, RHM, M6X16, SST	4
10	7000195A	Filter Shaker Motor	1
11	7000042	Filter Frame	1
12	7000180	Knob	2
13	7000048	Panel Filter	1
14	7000291	Gasket	1
15	7000047	Gasket(Short)	2
16	7000046	Gasket(Long)	2
17	7000265	Gasket	1
18	7000264	Rear Cover	1
19	7000175	Knob	4
20	7000164	Gasket	1
21	1121605	Nut,SS,M6	4
22	1421612	Washer,Plain, φ 6X φ 12X1.6	8

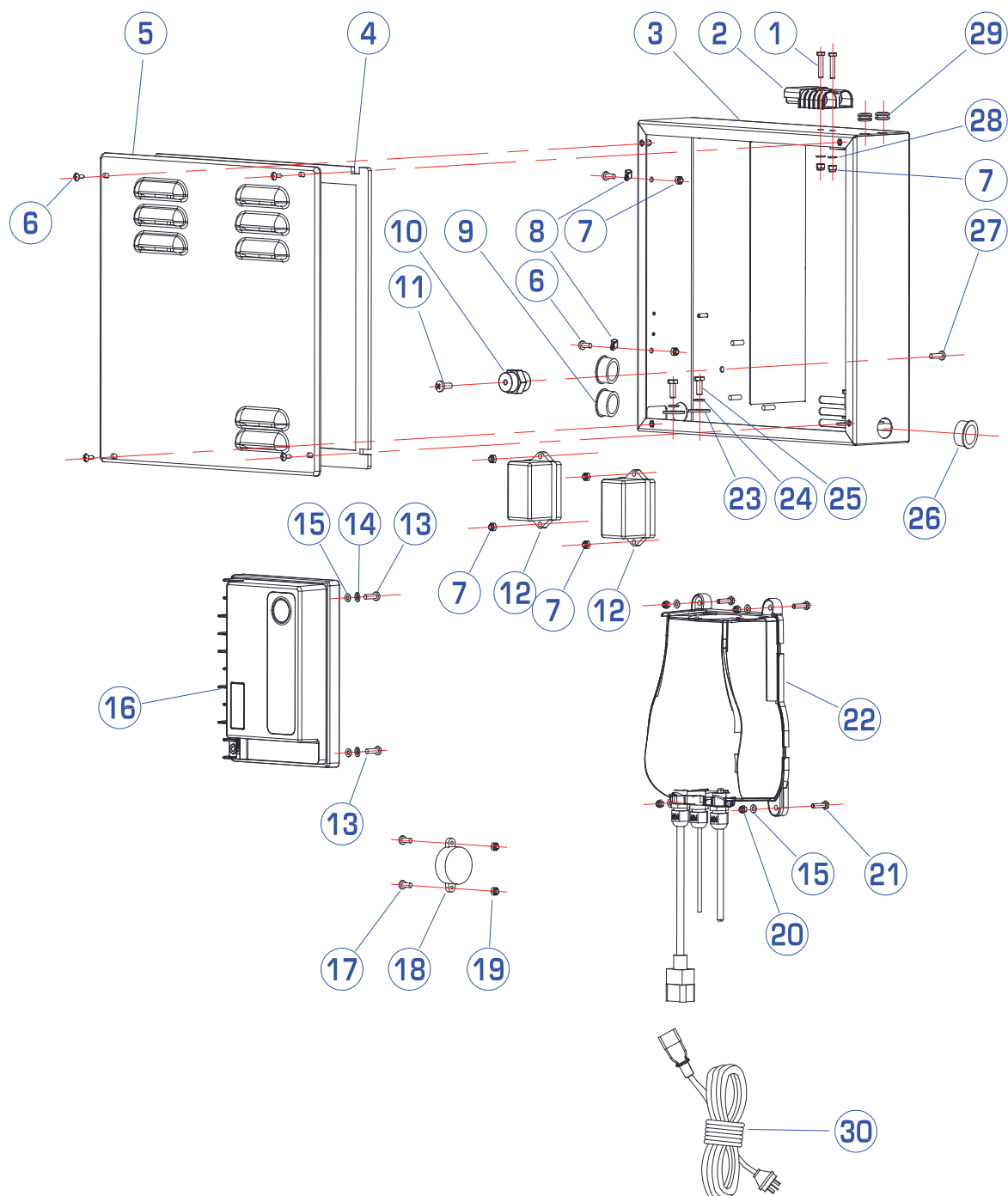
HOPPER ASSEMBLY



PARTS LIST

DIA NO	PART NUMBER	DESCRIPTION	NO REQ'D
1	1123810	Nut,Lock,SS,M8	2
2	1411816	Washer,Plain, ϕ 8X ϕ 16X1.6	4
3	7000146	Spacer	2
4	7000139	Hopper Wheel	2
5	1521640	Socket Head, M6X40, SST	4
6	1421612	Washer,Plain, ϕ 6X ϕ 12X1.6	4
7	7000145	Handle	1
8	1421618	Washer,Plain, ϕ 6X ϕ 18X1.6	4
9	1123608	Nut,Lock,SS,M6	4
10	7000181	Latch	1
11	7000140	Cap	2
12	1521612	Socket Head, M6X12, SST	2
13	1422616	Washer, Lock, ϕ 6	2
14	7000138	Hopper	1
15	1022890	Screw, RHM, M8X90, SST	2
16	7000141	Plate	1
17	7000232	Handle Assembly	2
18	1021516	Screw, RHM, M5X16, SST	8
19	1123507	Nut,Lock,SS,M5	8
20	1421510	Washer,Plain, ϕ 5.3X ϕ 10X1	8
21	7000238	Left Bocket	1
22	7000236	Right Bocket	1
23	7000237	Kit Left Bocket	1
24	7000235	Kit Right Bocket	1
25	7000137	Hopper Assembly	1

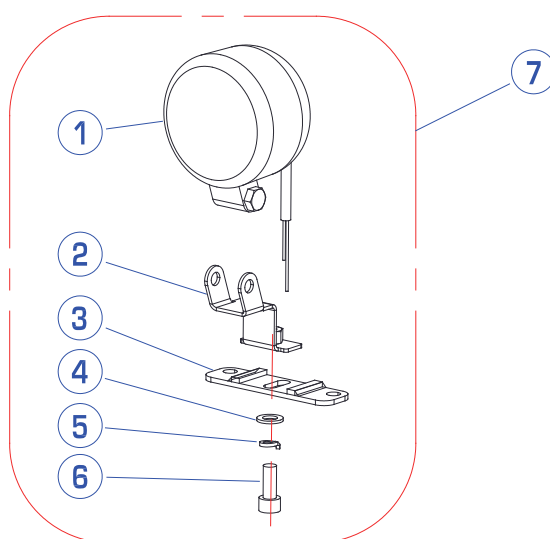
ELECTRONIC BOX ASSEMBLY



PARTS LIST

DIA NO	PART NUMBER	DESCRIPTION	NO REQ'D
1	1221425	Screw, PH, M4X25, SST	2
2	7000746	Connector	1
3	7000463	Electronic Box	1
4	7000155	Gasket	1
5	7000154	Cover,Electronic Box	1
6	1221412	Screw, PH, M4X12, SST	8
7	1123406	Nut,Lock,SS,M4	6
8	2320236	Clamp	2
9	7000321	Snap Bushing	2
10	8114705	Pillar	1
11	1023612	Screw, PH, M6X12,	1
12	8312420	Contacto	2
13	1021512	Screw, RHM, M5X12, SST	2
14	1422513	Washer, Lock, Ø5	2
15	1421510	Washer,Plain, φ 5.3X φ 10X1	6
16	7000466	Control Unit	1
17	1021314	Screw, RHM, M3X14, SST	2
18	8310708A	Buzzer	1
19	1123305	Nut,Lock,SS,M3	2
20	1123507	Nut,Lock,SS,M5	2
21	1021516	Screw, RHM, M5X16, SST	4
22	8134610	Li_ion Battery Charge,110V,16A	1
23	1621624	Washer,Plain, φ 6.6X φ 22X2	4
24	1422616	Washer, Lock, Ø6	4
25	1021616	Screw, RHM, M6X16, SST	4
26	7000321	Snap Bushing	1
27	1021610	Screw, RHM, M6X10, SST	1
28	1421409	Washer,Plain, φ 4.3X φ 9X0.8	2
29	7000273	Grommet	2
30	8112030	Powr cord,Battery charger ,US (Optional)	1
	8112040	Powr cord,Battery charger, EU (Optional)	1
	8112050	Powr cord,Battery charger, JP (Optional)	1
	8112060	Powr cord,Battery charger, CH (Optional)	1
	8112070	Powr cord,Battery charger, UK (Optional)	1

ACCESSORIES



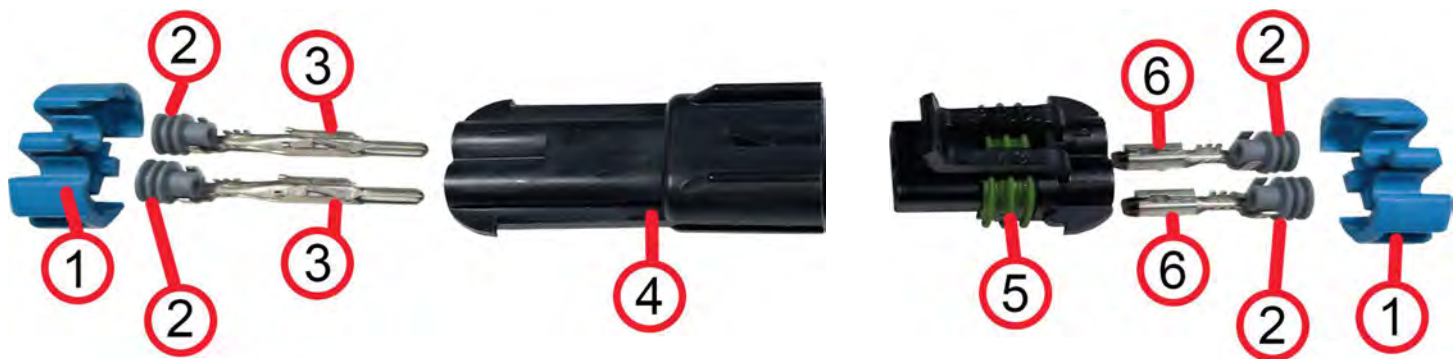
PARTS LIST

DIA NO	PART NUMBER	DESCRIPTION	NO REQ'D
1	7000413A	Led Worklamp	1
2	7000114	Support,Led Worklamp	1
3	7000148	Bracket	1
4	1421824	Washer,Plain, ϕ 8X ϕ 24X2	1
5	1422821	Washer, Lock, ϕ 8	1
6	1521820	Socket Head, M8X20, SST	1
7	7000630	Kit Working Light	1



CONNECTOR DIAGRAM

DIA NO.	PART NUMBER	DESCRIPTION	NO REQ'D
1	1883036	CLIP FOR CONNECTOR HOUSING	2
2	1883041	RUBBER GROMMENT	4
3	1883039	FEMALE PIN	2
4	1883037	CONNECTOR HOUSING	1
5	1883038	CONNECTOR HOUSING	1
6	1883040	MALE PIN	2



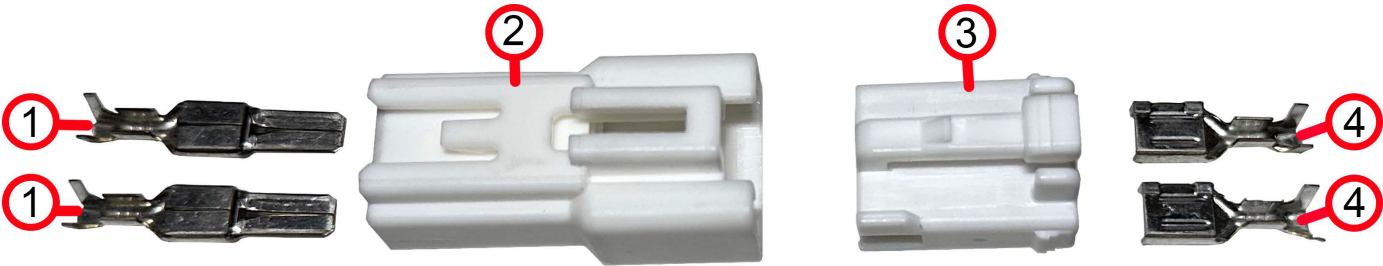
CONNECTOR DIAGRAM

DIA NO.	PART NUMBER	DESCRIPTION	NO REQ'D
1	1883072	CLIP FOR CONNECTOR HOUSING	2
2	1883062	RUBBER GROMMENT	4
3	1883073	MALE PIN	2
4	1883071	CONNECTOR HOUSING	1
5	1883078	CONNECTOR HOUSING	1
6	1883079	FEMALE PIN	2



CONNECTOR DIAGRAM

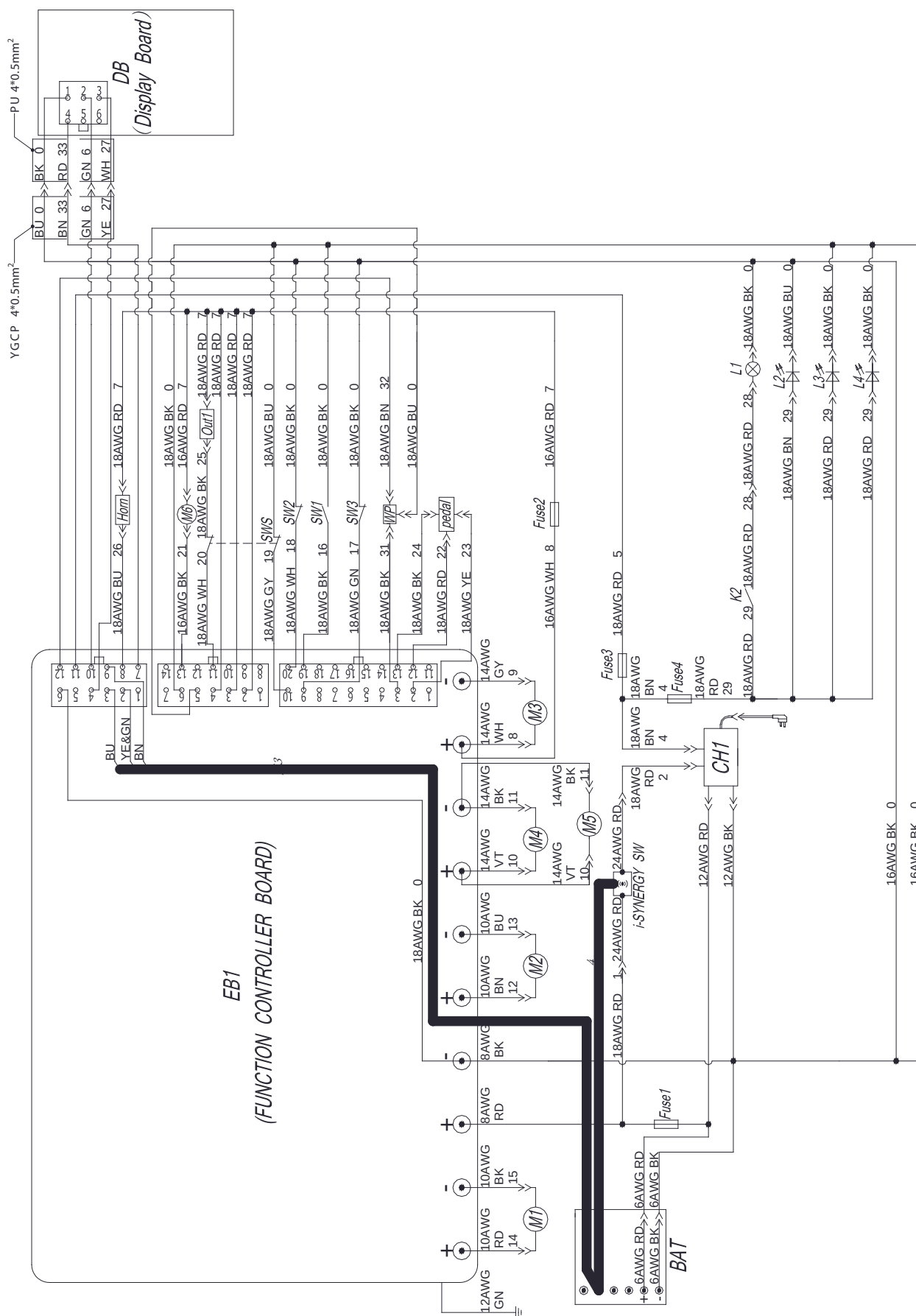
DIA NO.	PART NUMBER	DESCRIPTION	NO REQ'D
1	1883046	CLIP FOR CONNECTOR HOUSING	2
2	1883052	FEMALE PIN	2
3	1883044	CONNECTOR HOUSING	1
4	1883045	CONNECTOR HOUSING	1
5	1883043	MALE PIN	2



CONNECTOR DIAGRAM

DIA NO.	PART NUMBER	DESCRIPTION	NO REQ'D
1	1883014	CLIP FOR CONNECTOR HOUSING	2
2	1883012	FEMALE PIN	2
3	1883013	CONNECTOR HOUSING	1
4	1883015	CONNECTOR HOUSING	1

WIRING DIAGRAM



WIRING DIAGRAM

Key

BAT	Batteries, 24V
CH1	Battery charger
DB	Display board
EB1	Function controller board
Fuse1	Main fuse (150A)
Fuse2	Vacuum fan&Horn&Electrobrake (15A)
Fuse3	Display card fuse (5A)
Fuse4	Working light & flashing light fuse (3A)
i-SYNERGY SW	i-SYNERGY starting up switch
K2	Working light switch
L1	Working light
L2	Led light
L3	Flashing light (left)
L4	Flashing light (right)
M1	Drive system motor
M2	Main brush motor
M3	Vacuum fan
M4	Right side brush motor
M5	Left side brush motor
M6	Filter shaker motor
Pedal	Drive speed potentiometer (pedal)
Out1	Electrobrake output
SWS	Emergency push-button
SW1	Driver's seat safety microswitch
SW2	Main brush microswitch
SW3	Side brush microswitch
WP	Cleaning area sensor

Color code

BK	Black
BU	Blue
BN	Brown
GN	Green
GY	Grey
RD	Red
VT	Violet
WH	White
YE	Yellow