

NC 9

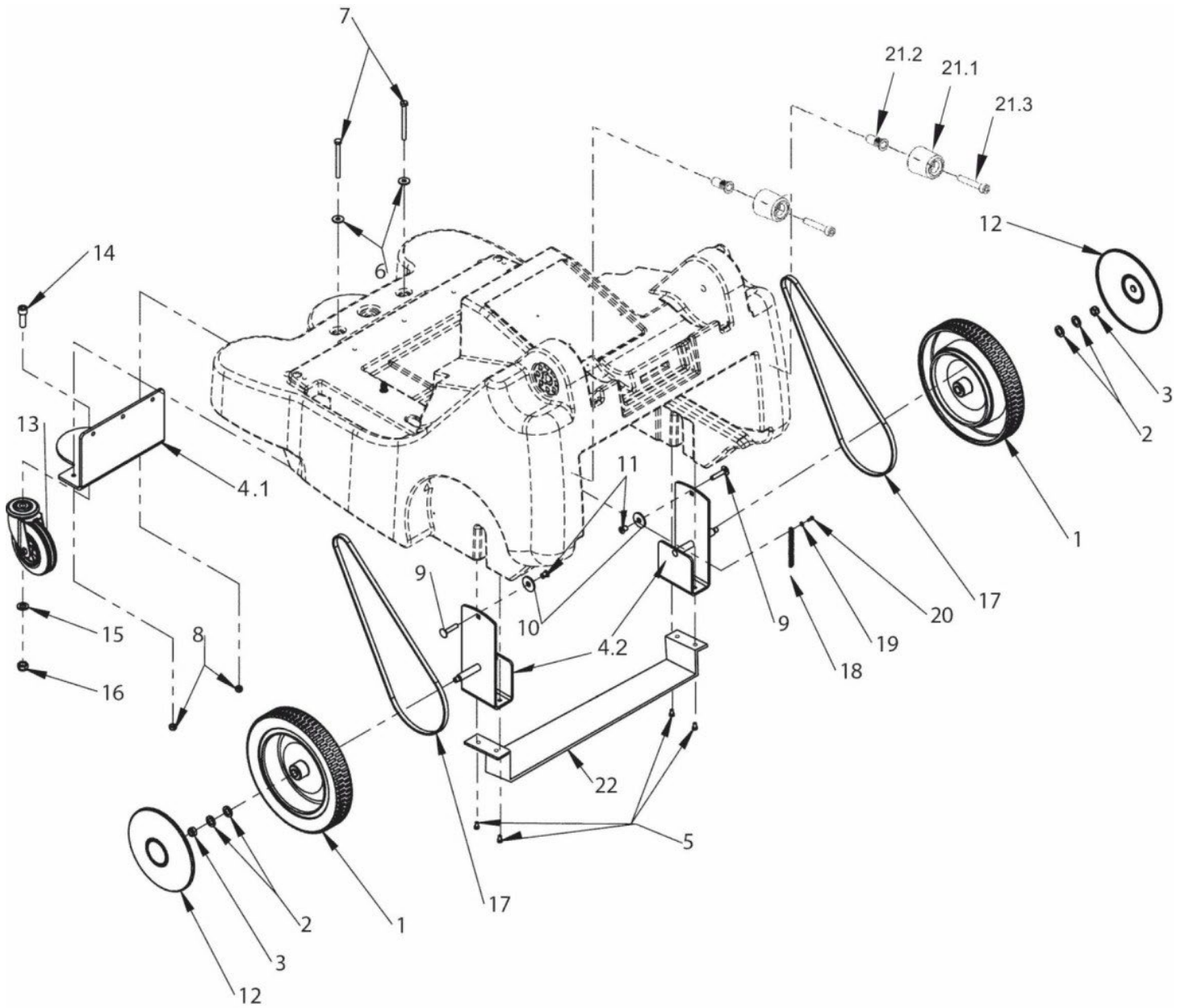
Parts Manual **EN**



CE



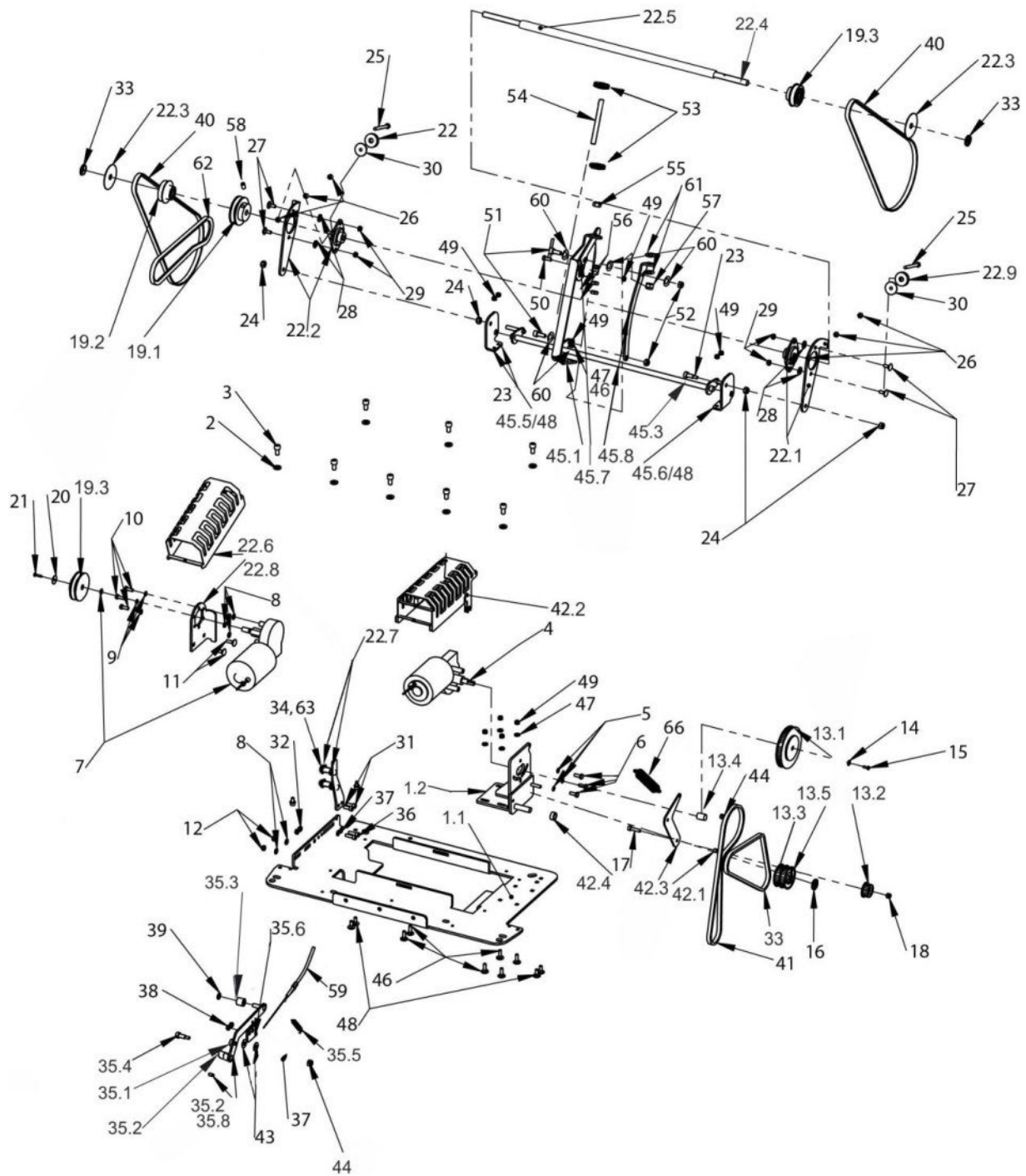
Section 1 – Wheel and Caster Assy



Section 1 – Wheel and Caster Assy

Pos.	Item No.	Description	Qty.
1	110053	Drivewheel Assembly (103382 KL4.14/Ball bearing)	2
2	102306	Washer M14 d15 (DIN 433)	4
3	102578	Nut M10 (DIN 985)	2
4.1	101400	Wheel Axle Assembly	2
4.2	110418	Steering Support Plate Swivel	1
5	102691	Screw M6 x 16 DIN7984	4
6	102241	Washer, Flat, 8,4 x 20 x 1,25/	2
7	102483	Screw Hex M8 x 90 DIN931	2
8	102585	Hex-Nut M8 (DIN 985)	2
9	102371	Nut M8 x 40 (DIN 603)	2
10	102313	Washer 11x34x3 DIN 440	2
11	102624	Nut M8	2
12	103286	Hub Cap RAL 9005	2
13	110461	Castor D125 PU schwarz	1
14	104406	Screw M12 x 35 IN912	1
15	102280	Washer M12 d13 DIN125	1
16	102579	Hex-Nut M12 DIN985	1
17	101429	Toothed Belt HTD 1100-5M-9	1
18	104165	Antistatic Chain A3003	1
19	102276	Washer DIN 125 A4,3	1
20	102673	Screw DIN 7971 3,9 x 13	1
21.1	112021	Bumper H25 D24	2
21.2	112022	Blind Fastener M5	2
21.3	102409	Screw M5x30 DIN912	2
22	111944	Bent Bracket Support	2

Section 2 – Wheel and Main Brush Drive



Section 2 – Wheel and Main Brush Drive

Pos.	Item No.	Description	Qty.
1.1	110383	Baseplate	1
1.2	110879	Gearing Assembly	1
2	102285	Washer DIN125-M8-StVz	8
3	102427	Screw DIN912-M8x16-8.8	8
4	112466	MAIN BROOM DRIVE MOTOR ASSEMBLY	1
5	102278	Washer DIN125-M6-StVz	3
6	111395	Screw, Lock, M6x1x16	3
7	112467	Propel Drive Motor Assembly	1
8	102278	Washer DIN125-M6-StVz	5
9	102278	Washer DIN125-M6-StVz	3
10	102479	Screw DIN933-M6x16-8.8	3
11	104432	Screw DIN603-M6x20-StVz	2
12	102576	Nut DIN985-M6-8-Vz	2
13.1	110289	Sprocket Z60 A	1
13.2	110189	Tentioningroller	1
13.3	110187	Double Belt Pulley ASSY	1
13.4	103609	Spacer Sleeve D8-d6-L6-StVz	1
13.5	103281	Starlock RND-12-StVz	1
13.6	100566	Starlock VKT-8-StVz	4
14	102721	Washer 4,3 x 12 x 1,0	1
15	102517	Screw Hex DIN933-M4x12-8.8	1
17	104408	Screw DIN912-M6x25-8.8	1
18	102576	Hex-Nut DIN985-M6-8-Vz	4
19.1	101433	Pulley SPZ-1-63 SPZ-1-63	1
19.2	110063	Assy sproket Wheel LHD	1
19.3	110064	Assy Sproket Wheel RHD	1
19.4	110456	Pulley SPZ 63	1
20	102721	Washer DIN9021-4,3x12x1,0-St	1
21	104390	Screw Hex DIN933-M4x16-8.8	1
22.1	110468	Tensioner Drive System LHS ASSY	1
22.2	110469	Tensioner Drive System RHS ASSY	1
22.3	101436	Washer D60-d12,1-t1-G	2
22.4	110541	Shaft for drive 12x705 mm	1
22.5	111510	Tube D16 d12,3 L508	1
22.6	111191	Heat Shield Propel Drive, AG	1
22.7	111202	Deviationbar Drive AG	1
22.8	110401	Support drivemotor	1
22.9	103326	Bush D30-d10,5-L7,5-PA natur	2
23	104392	Hex-Screw DIN933-M8x30-8.8	3
24	102585	Screw DIN985-M8-8-Vz	5

Parts List

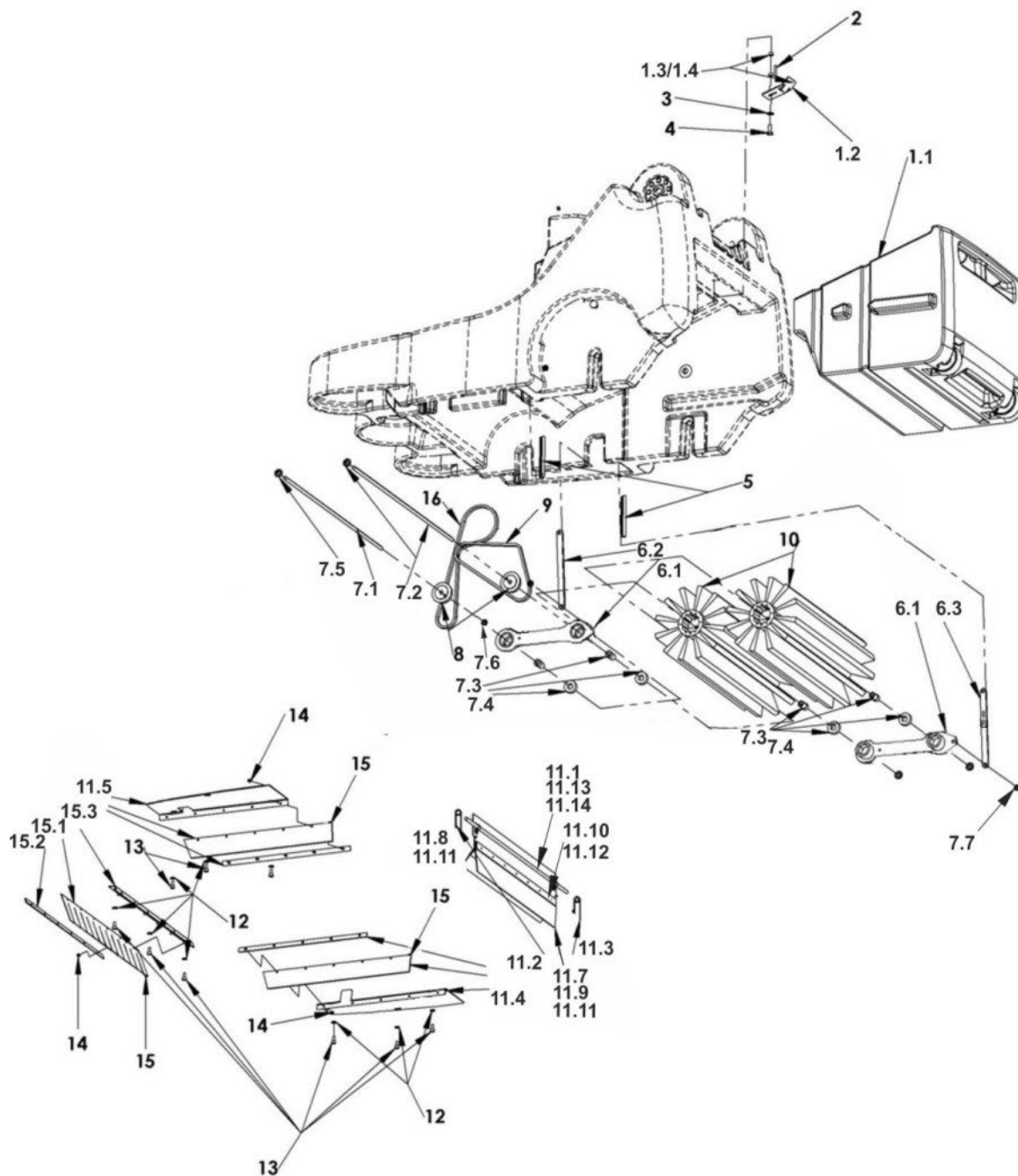
Section 2 – Wheel and Main Brush Drive

Pos.	Item No.	Description	Qty.
25	104381	Screw DIN933-M6x65-8.8	2
26	102333	Nut DIN934-M6-8-Vz	6
27	104432	Screw DIN603-M6x20-StVz	4
28	102278	Washer DIN125-M6-StVz	4
29	102576	Nut Hex DIN985-M6-8-Vz	4
30	102237	Washer HN5010-6,4x30x1,25-St	2
31	104427	Screw DIN912-M6x16-8.8	2
32	102576	Nut DIN985-M6-8-Vz	2
33	103281	Starlock RND-12-StVz	5
34	102763	Starlock RND-8-StVz	2
35.1	111201	Drive-lever AG	1
35.2	102399	Adjustment sleeve DIN705-A8-StVz	3
35.3	110471	Bush D17-d8,4-L16-PA natur	1
35.4	111662	Washer ISO7379-M6x16-12.9	1
35.5	100574	Spring -10/9/A	1
35.6	110404	Counterplate Cable Drivesyst.	1
35.7	102576	Nut DIN985-M6-8-Vz	2
35.8	111201	Drive-lever AG	1
36	104417	Screw DIN912-M6x20-8.8	2
37	102278	Washer DIN125-M6-StVz	2
38	102576	Nut-Hex DIN985-M6-8-Vz	6
40	101429	Toothed Belt HTD 1100-5M-9	2
41	110193	Toothed Belt DHTD 800-D5M-9	1
42.1	111934	Bush D18-d6,4-L12-PA natur	1
42.2	111190	Heat Shield Main Broom Drive, AG	1
42.3	110188	Tensioning Arm KW-Riemen	1
42.4	110186	Brush D18-d12,2-L8-PA natur	1
43	102278	Washer DIN125-M6-StVz	1
44	102576	Nut-Hex DIN985-M6-8-Vz	2
45.1	110686	Support KW-Verstellung BG	1
45.2	101469	Adjusting plate	1
45.3	110385	Axis	1
45.4	110414	Sleeve mainbroomadjustment	1
45.5	110410	Mainbroom Adjustment AG rhs	1
45.6	110411	Mainbroom Adjustment AG lhs	1
45.7	110413	Pointer Mainbroom Adjustment	1
46	104432	Screw DIN603-M6x20-StVz	6
47	102278	Washer DIN125-M6-StVz	2
48	102358	FScrew DIN603-M6x16-StVz	4
49	102576	Nut DIN985-M6-8-Vz	9

Section 2 – Wheel and Main Brush Drive

Pos.	Item No.	Description	Qty.
50	102479	Screw Hex DIN933-M6x16-8.8	1
51	104410	Screw DIN912-M8x20-8.8	2
52	102585	Nut DIN985-M8-8-Vz	2
53	110528	Knurled Knob M10 yellow	2
54	110533	Screw Hex DIN933-M10x100-8.8	1
55	110532	Nut DIN439-M10-8-Vz	2
56	102578	Nut DIN985-M10-8-Vz	1
57	102578	Screw Hex DIN985-M10-8-Vz	1
58	104417	Screw DIN912-M6x20-8.8	1
59	110446	Cable L1665-l1415-d1,5-Öse-Frei	1
60	111940	Washer d8,2-D16-h1-PA	5
61	111941	Washer d10,5-D21-h1-PA	2
62	110460	V-Belt XPZ 670 Lw	1
63	111011	Slidebearing GSM-0810-15	2
64	103643	Timing Belt HTD 635-5M-9/Timing Belt 635 HTD M5	1
66	111053	Spring 16/9/1	1

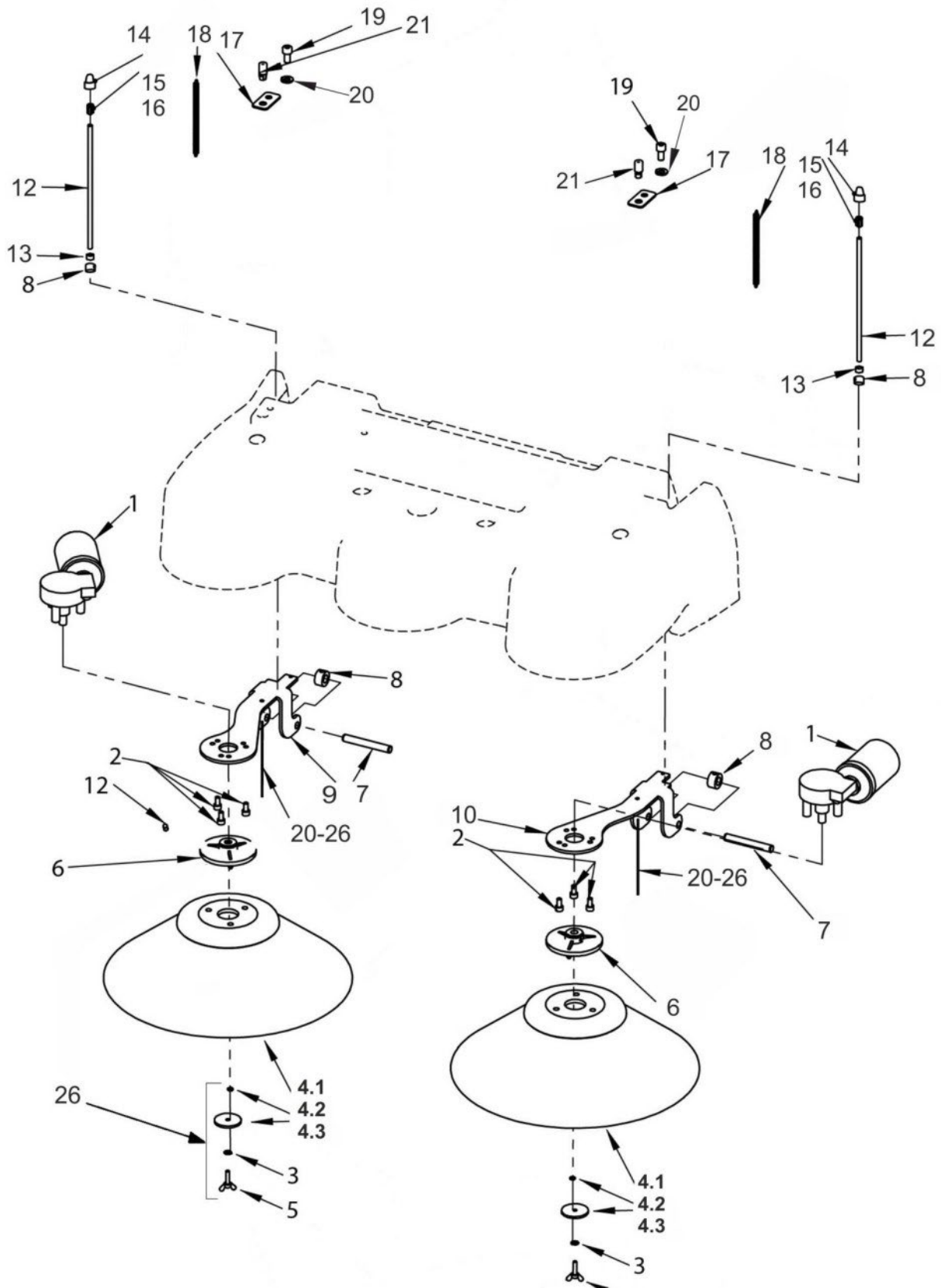
Section3 – Main Broom Assy



Section3 – Main Broom Assy

Pos.	Item No.	Description	Qty.
1.1	110466	Assy Dustcontainer S8, Teal	1
1.2	101362	Adjustment Dust Container	1
1.3	100712	Bush D10-d8-L6-St	2
1.4	111460	Spring	1
2	102607	Dowel Pin DIN1481-d5x30-St	1
3	102285	Washer DIN125-M8-StVz	1
4	104401	Screw Hex DIN933-M8x20-8.8	1
5	110871	Sealing Dustcontainer L200	2
6.1	101469	Adjusting Plate	2
6.2	111933	Lever LHS	1
6.3	110760	Lever for Height Ajustment	1
7.1	110408	Main Broom Axle Front Squared 8 L=625	1
7.2	110409	Main Broom Axle Rear Squared 8 L=635	1
7.3	100565	Bearing-Support, Plastic, Black	4
7.4	103636	Ballbearing - 6002 2RS	4
7.5	100566	Starlock VKT-8-StVz	8
7.6	102750	Washer d13-D25-h2-PA	1
7.7	110246	Bush D18-d12,2-L15-PA schwarz	1
8	101467	Sprocket Z32	2
9	103642	Toothed Belt HTD 600-5M-9	1
10	110970	Mainbroom D195 L500 PA 0,4 V	2
11.1	101480	Axle 8 x 650	1
11.2	100486	Spring rts d=1,6 Di=11,9 n=3,375	1
11.3	100487	Spring lks d=1,6 Di=11,9 n=3,375	1
11.4	110484	Sealing RHS	1
11.5	110483	Sealing RHS	1
11.6	110477	Sealing front	1
11.7	110052	Assy Recirculating Flap	
11.8	101475	Rubber for Recirculation Flap - 520x55x2 GU	1
11.9	101479	Rubber for Recirculation Flap - 520x80x2 GU	1
11.10	101473	Recirculation Flap Bracket	1
11.11	101477	Counter Bracket Recirc. Flap	2
11.12	102218	Rivet DIN7337-A-4,0x10,0-Al-St	18
11.13	100610	Cable Clips BSL 1 x 10 (DIN 72571)	2
11.14	102763	Starlock RND-8-StVz	2
12	102278	Washer DIN125-M6-StVz	9
13	102435	Screw DIN912-M6x12-8.8	9
14	102575	Nut DIN985-M4-8-Vz	16
15	110477	Sealing Front Assy	1
15.1	101382	Rubber Skirt 500x80x1 PG	1
15.2	101383	Front Skirt Counter Braket	1
15.3	110476	Supportframe Front Flap BG	1

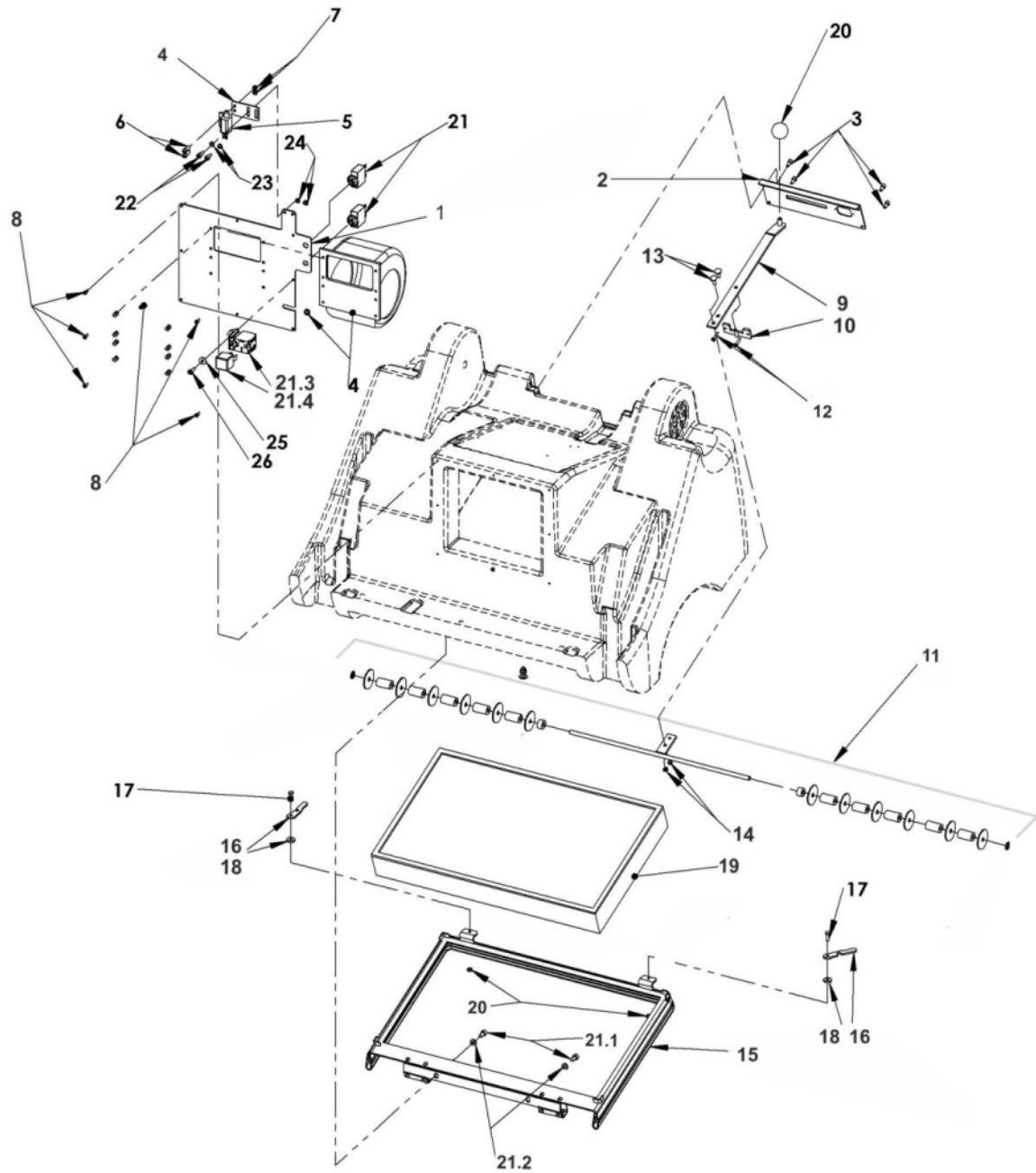
Section 4 – Side Brush Assy



Section 4 – Side Brush Assy

Pos.	Item No.	Description	Qty.
1	110161	Gearmotor 12 V	2
2	102704	Screw DIN7984-M6x10-8.8	6
3	102633	Washer M5 d5,3 flach (DIN 6798)	2
4.1	110526	Sidebrush D354 H104 PA 0,6	2
4.2	101657	O-Ring HN5030-4x2	2
4.3	101656	Washer 5,3 x 38 x 3	2
5	102300	Wing screw - DIN316-M5x20-StVz	2
6	110160	Driver sidbroom assy	2
7	111473	Pin ISO2338 -A-10x80-StVz	2
8	102388	Stellring DIN705-A12-StVz	2
9	110415	Side Brush Arm RHS	1
10	110416	Sidebroom Arm LHS	1
11	102704	Screw DIN7984-M6x10-8.8	1
12	111196	Threaded Rod M6 x 190	2
13	102530	Nut DIN934-M6-8-Vz	2
14	104343	Cover-Nut, Plastic	2
15	102621	Connecting Sleeve HN4715 -M6x10-StVz	2
16	102291	Spring DIN127-M6-StVz	2
17	110497	Bracket Side Broom Lever	2
18	110800	Extension Spring 13/8/2	2
19	102427	Screw DIN912-M8x16-8.8	2
20	102285	Washer DIN125-M8-StVz	2
21	110447	Bowdenzug L2095-l1732-d1,5-Öse-Frei	2
22		Insulation Screw Joint	4
23	102576	Nut DIN985-M6-8-Vz	2
24	102244	Eye Bolt ART48-M4x20-StVz	2
25	102575	Nut DIN985-M4-8-Vz	2
26	111257	Sidebrush Fixture Screw, AG - Wing screw,Washer,O -Ring	2

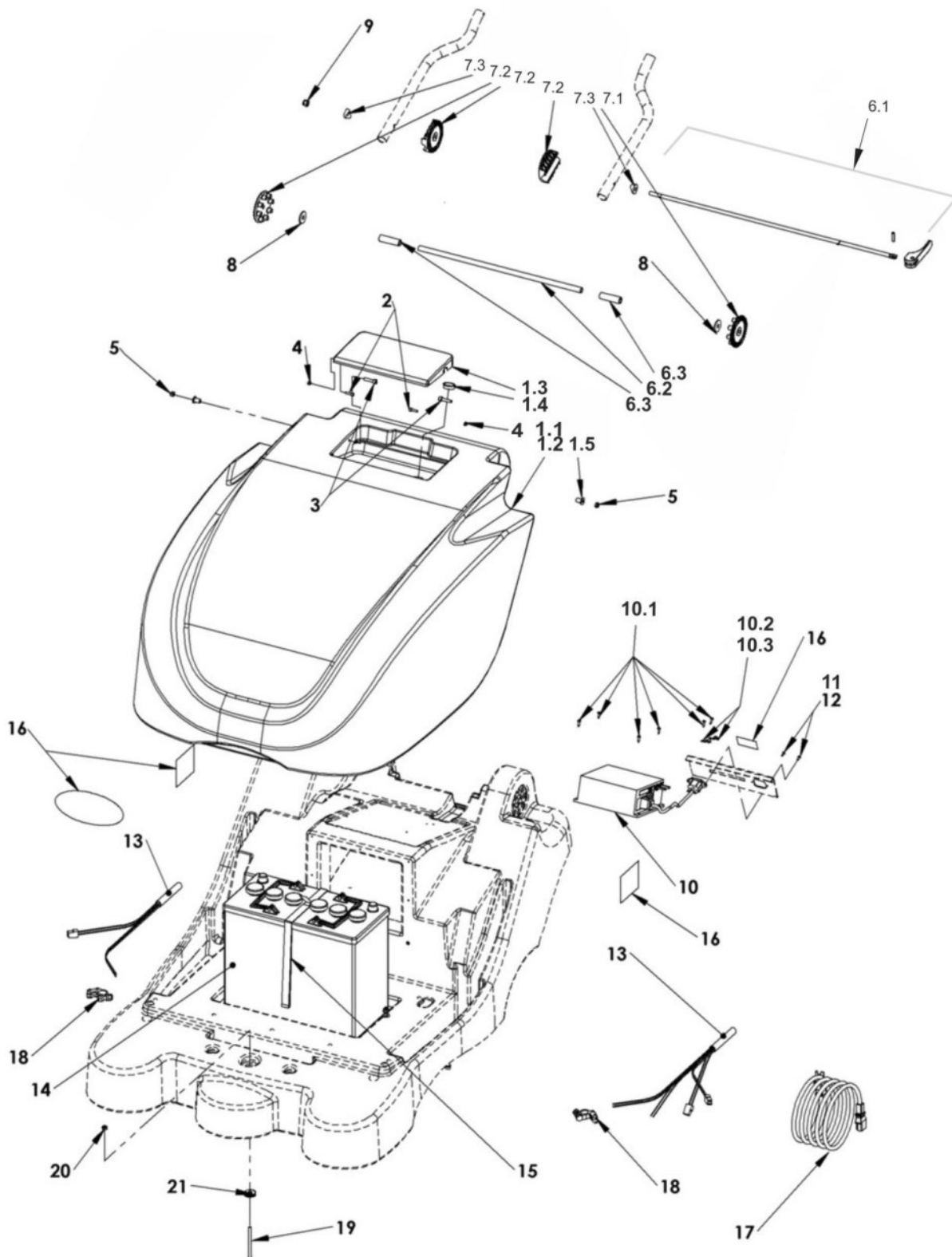
Section 5 – Filter and Shaker Assy



Section 5 – Filter and Shaker Assy

Pos.	Item No.	Description	Qty.
1	110400	Fixing Plate ventilator	1
2	110419	Cover Filter Shaker	1
3	104426	Screw DIN912-M5x10-8.8	4
4	110952	Support Plate Switch	1
5	100336	Limit Switch 6400-54	1
6	102414	Screw DIN912-M5x12-8.8	2
7	102577	Nut DIN985-M5-8-Vz	2
8	102678	Screw DIN7981-3,5x13-StVz	7
9	110485	Shaker Bar Assembly	1
10	101397	Cleaner Holder	1
11	110050	Assy Shaker	1
12	102230	Screw 4x25	2
13	102364	Screw M5 x 16	2
14	102577	Nut M5	2
15	110051	Filter Support Assembly	1
16	101388	Closer for Filter Holder	1
17	102510	Screw DIN933-M5x16-8.9	2
18	102722	Washer DIN9021-5,3x15x1,2-St	2
19	100223	Filter 500x300x55 Polyester	1
20	110131	Knob D32 M8 gelb	1
21.1	100078	Thermal Circuit Breaker 40A	1
21.2	104326	Thermal Circuit Breaker 20A	1
21.3	104093	Relais-Socket	1
21.4	104102	Relay 12V 70A (K1-3207-0001)	1
22	104426	Screw DIN912-M5x10-8.8	2
23	102277	Washer DIN125-M5-StVz	2
24	102577	Nut M5	2
25	102722	Washer DIN9021-5,3x15x1,2-St	1
26	102675	Screw DIN7976-4,8x19-StVz	1

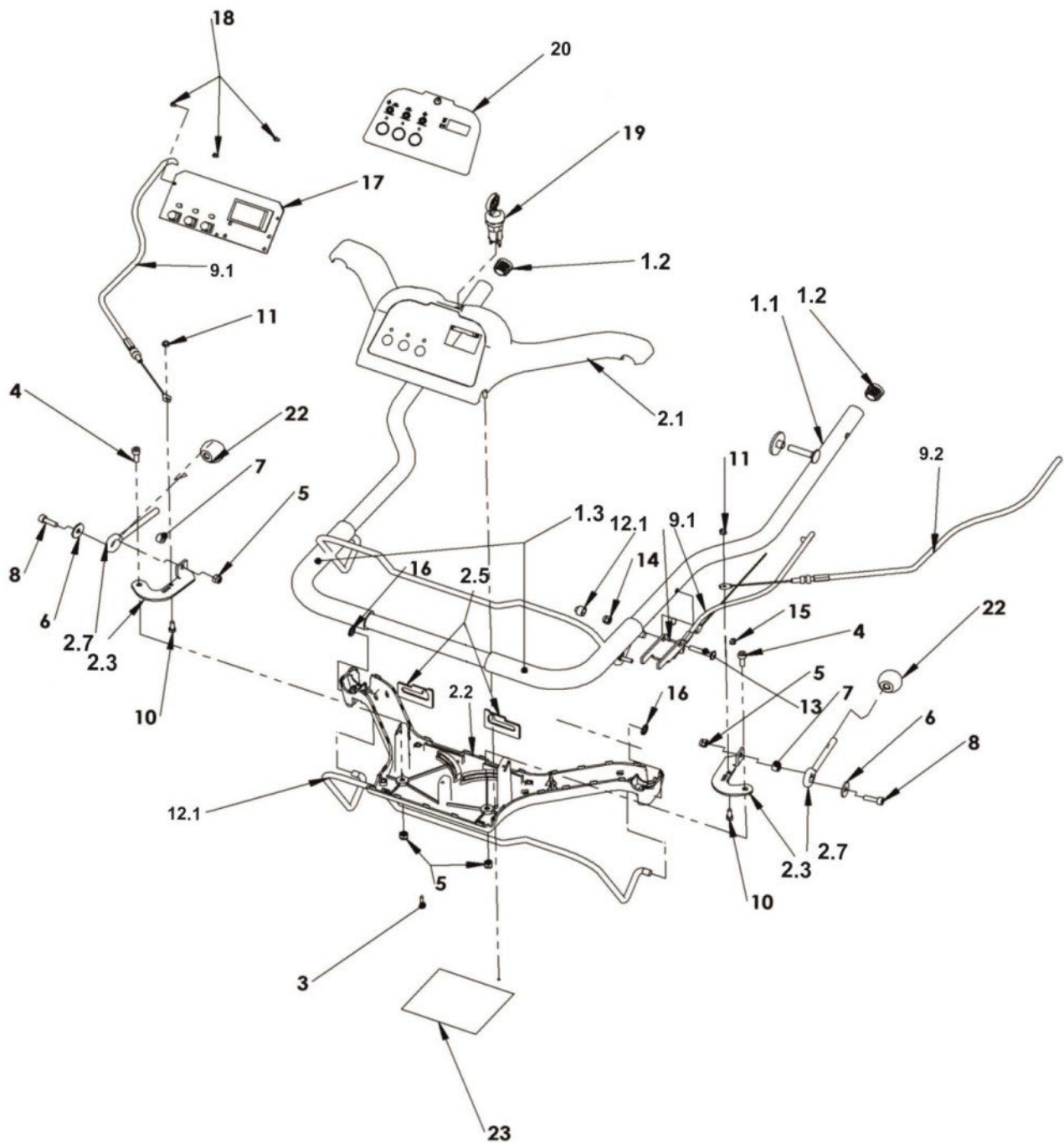
Section 6 – Cover and Electrical Assy



Section 6 – Cover and Electrical Assy

Pos.	Item No.	Description	Qty.
1.1	113886	Hood NU 9 BG Grey RAL 7016	1
1.2	113875	Hood NU9 anthracite gray RAL7016	
1.3	113876	Loading Compartment Flat NU5/NU9 grau RAL7016	
1.4	110980	Protective Plug d25,1 naturweiß LD-PE	
1.5	111450	Bush CA 60/15A PA Natur	
2	104390	Screw DIN933-M4x16-8.8	2
3	104408	Screw DIN912-M6x25-8.8	2
4	102575	Nut DIN985-M4-8-Vz	2
5	102576	Nut DIN985-M6-8-Vz	2
6.1	110198	Fastener Handle-Bar	1
6.2	110396	Tube D12 -d9-L420-Stahl Vz	1
6.3	110395	Bush Fahrbügel-Gelenk	2
7.1	101601	Hinge Controller Bow Inside	2
7.2	101602	Hinge Controller Bow Outside	2
7.3	101604	Washer B=8, A=21-23	2
7.4	104337	SKS 8 Cover-Nut - M8 black	1
7.5	110149	Washer DIN440R-M8-StVz	2
7.6	102585	Nut DIN985-M8-8-Vz	1
8	102726	Washer HN5010-10,5x40x1,25-St	2
9	102585	Screw DIN985-M8-8-Vz	1
10	111220	Charger 12V 13A EU	1
10.1	102683	Screw DIN7981-3,5x13-St-Schwarz	4
10.2	102678	Screw DIN7981-3,5x13-StVz	2
10.3	100705	Clip BSL 1 x 6 (DIN 72571)	2
11	102519	Screw DIN933-M3x8-8.8	2
12	102581	Nut DIN985-M3-8-Vz	2
13	110488	WIRE HARNESS	1
14	113863	Battery 12V 108Ah	1
15	100531	Strap 18 x 1250 (schwarz)/Strap, 18x1250, black	1
16	110636	Label Filtershaker	1
17	110634	Label Mainbrush Adjustment	1
	113889	Sticker Warning	1
	113904	Label Numatic	1
	110734	CORD KIT 2,0m mit Erdung (Europa)	1
18	102917	Battery-terminal -	1
19	102915	Battery-terminal +	1
	102425	Screw DIN912-M6x10-8.8	2
	102278	Washer DIN125-M6-StVz	2
	111192	Screw DIN933-M6x90-8.8	1
20.1	102576	Nut DIN985-M6-8-Vz	1
20.2	102235	Washer HN5010-6,4x20x1,25-St	1
21	110121	Knurled Knob M6 niedrige Form	1

Section 7 – Steering Unit



Section 7 – Steering Unit

Pos.	Item No.	Description	Qty.
1.1	110421	Handle	1
1.2	101605	Stopper d22	2
1.3	110202	Soft Grip	2
2.1	110203	Control Pannel Upper Section	1
2.2	110204	Conrol Pannel Lower Section	1
2.3	110206	Plate Side Broom Lever RHS	1
2.4	110403	Adjustment Plate Side Broom LHS	1
2.5	110205	Plate Side Broom Lever Black	2
2.6	110473	Control Panel Label	1
2.7	110439	Ring visART48-M8x80-StVz	2
3	102224	Screw HN5350-HRK-3,5x20	6
4	102435	Screw DIN912-M6x12-8.8	2
5	102576	Nut DIN985-M6-8-Vz	2
6	102314	Washer DIN440-6,6x22x2-St	2
7	102390	Adjustment Sleeve DIN705-A6-StVz	2
8	104417	Screw DIN912-M6x20-8.8	2
9.1	110446	Cable L1665-l1415-d1,5-Öse-Frei	1
9.2	110447	Cable L2095-l1732-d1,5-Öse-Frei	1
10	102509	Screw DIN933-M5x16-8.8	2
11	102577	Nut DIN985-M5-8-Vz	2
12.1	110422	Lever Drivesystem	1
12.2	104343	Cover-Nut, M6	1
12.3	110451	Cable	1
13	111671	Screw ISO7380-2-M6x35-StVz	1
14	102576	Nut DIN985-M6-8-Vz	1
15	102577	Screw DIN985-M5-8-Vz	1
16	102763	Starlock RND-8-StVz	2
17	110208	PCB Board	1
18	102687	Screw DIN7981-2,9x13-StSchwarz	3
19	104060	SWITCH KIT, SWPR, KEY	1
20	110473	Control Panel Label	1
22	110265	Knob Black	1
23	113889	Lable Warnhinweis	1