

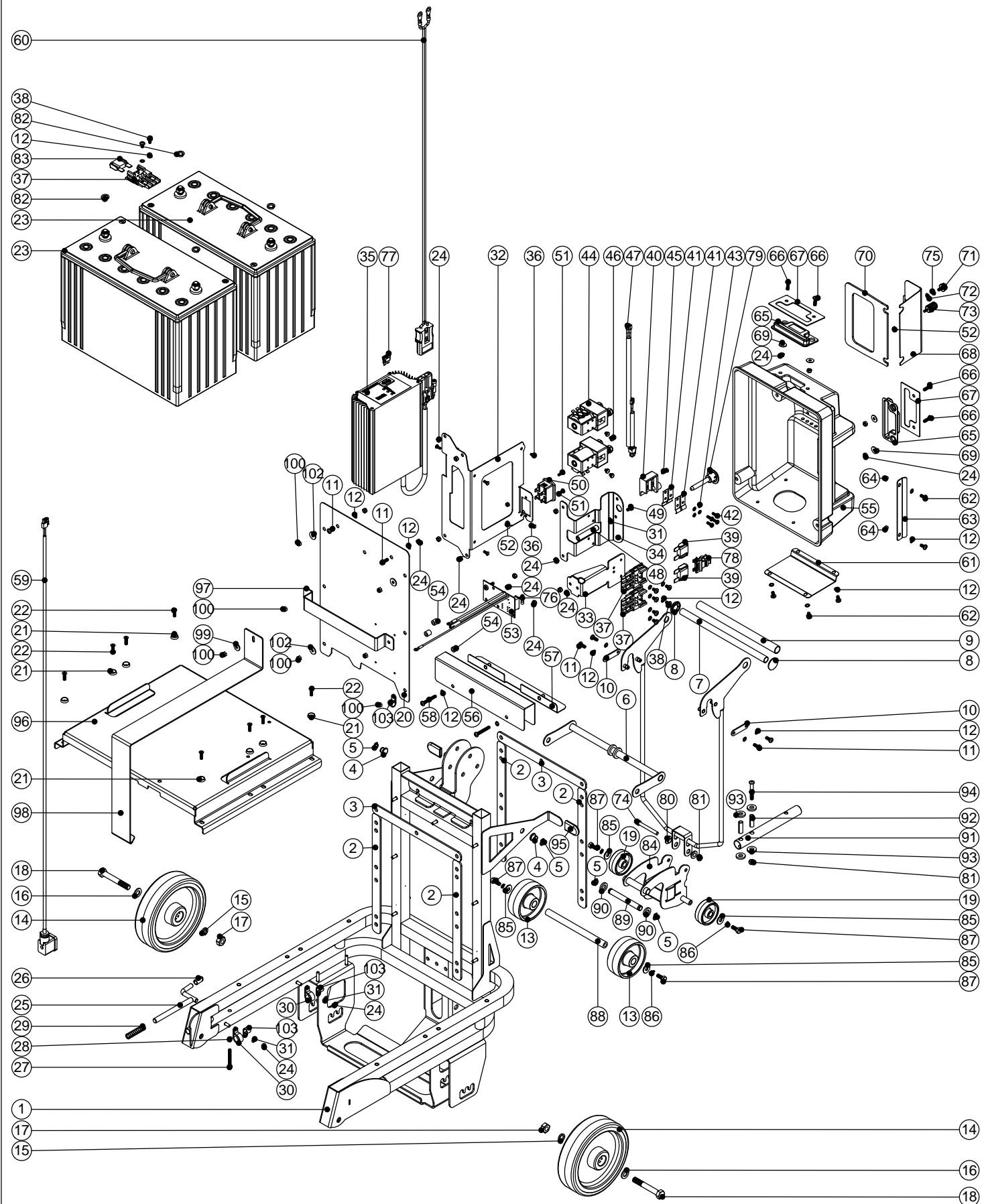
Numatic International Spare Parts

Model No: TTB-3450/TTB-4500/TTB-4552 CHASSIS/BACKPLATE/ELECTRICAL ASSY

234321

DRAWING: EXP-0752 ISS:A17

20/09/2011



Numatic International Spare Parts

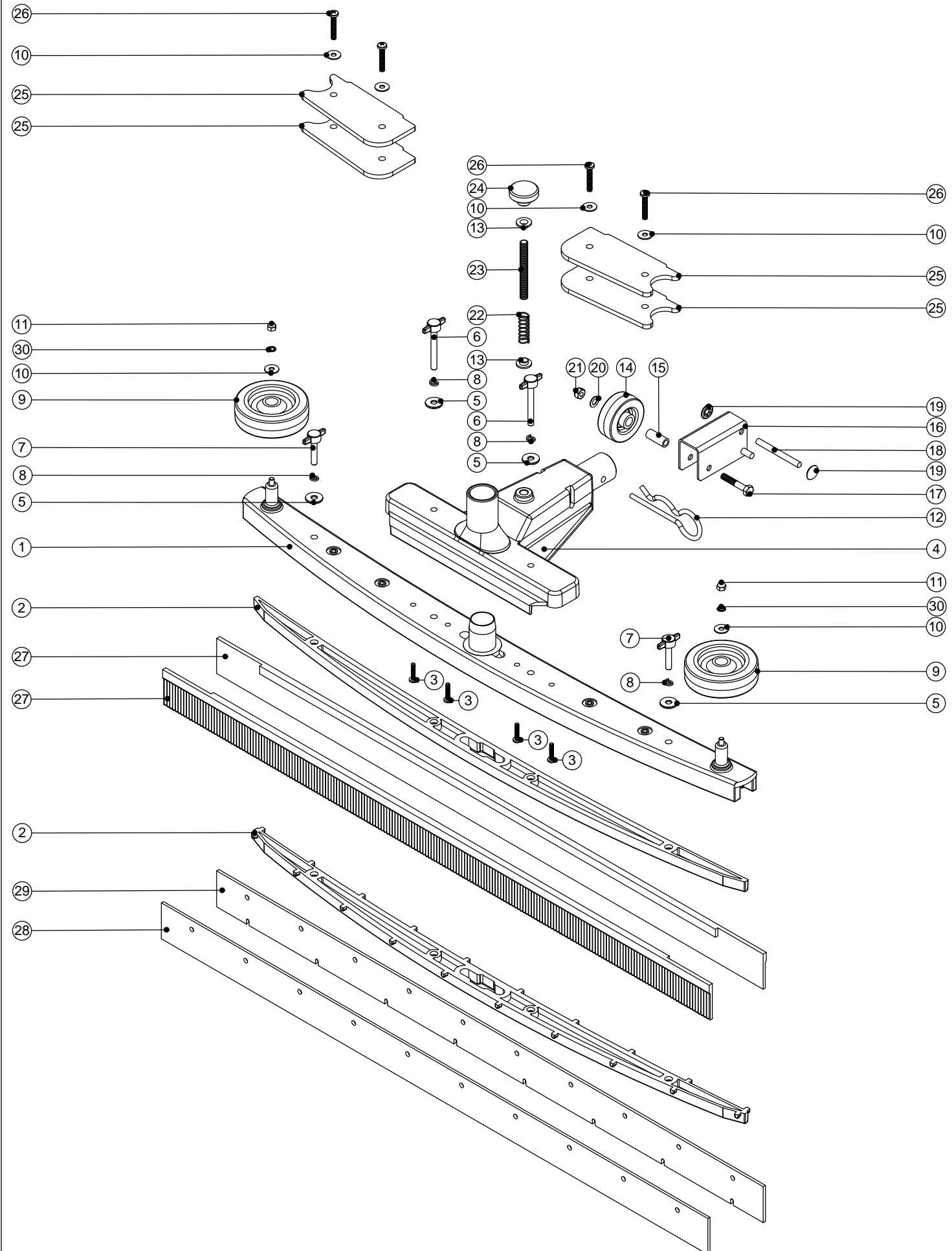
Model No: TTB-3450/TTB-4500/TTB-4552 CHASSIS/BACKPLATE/ELECTRICAL ASSY

POS:	ITEM NO:	DESCRIPTION:	COMMENTS:
1	330048	NUTSERTED STAINLESS STEEL CHASSIS ASSEMBLY	
2	202112	CHASSIS GASKET - VERTICAL	
3	202113	CHASSIS GASKET - HORIZONTAL	
4	206647	PIVOT BUSH	
5	219586	10MM EXTERNAL CIRCLIP	
6	303594	FLOOR TOOL PIVOT LINK ASSEMBLY	
7	391037	235MM LONG X 1/2 INCH DIAMETER X 18G STAINLESS STEEL TUBE	
8	204021	12.7MM STAINLESS STEEL HUB CAP	
9	391038	218MM LONG BLACK NYLON TUBE	
10	329395	FIXING BRACKET	
11	219740	M5 X 12MM LONG STAINLESS STEEL POZI PAN SCREW	
12	219016	M5 SHAKEPROOF WASHER	
13	206713	80MM DIAMETER BLACK WHEEL	
14	204080	160MM DIA WHEEL / POLYURETHENE TYRE (GREY - RAL 7042) C/W SPACER	
15	219349	M10 SINGLE COIL WASHER	
16	219449	M10 FORM A WASHER	
17	219074	M10 FULL NUT	
18	219570	M10 X 70MM LONG HEX BOLT	
19	206712	50MM DIAMETER BLACK WHEEL	
20	303626	BACKPLATE C/W STUDS	
21	219573	SCREW INSULATOR	
22	219572	M5 X 16MM LONG POZI PAN COUNTERSUNK STAINLESS STEEL SCREW	
23	230138	98 A/H STUD TERMINAL GEL TYPE BATTERY	
24	219633	M5 STAINLESS STEEL NYLON INSERT NUT	
25	303483	LOCKING BAR WELDED ASSEMBLY	
26	229240	END TIP	
27	21932V	M5 X 40MM LONG POZI PAN SCREW	
28	219861	M5 SINGLE COIL STAINLESS STEEL WASHER	
29	219873	COMPRESSION SPRING (STAINLESS STEEL)	
30	219514	P-CLIP	
31	219355	M5 FORM A STAINLESS STEEL WASHER	
32	329432	CHARGER MOUNTING BRACKET	
33	329430	FUSE HOLDER BRACKET	
34	329398	CONTACT MOUNTING PLATE	
35	230140	230V/24V/10 AMP HF NORD CHARGER (D11 REMOVED & REPLCED WITH LINK WIRE)	
36	219301	No6 X 3/8 INCH LONG POZI PAN SELF TAP SCREW	
37	230102	FUSE HOLDER RATED AT 60 AMPS	
38	219864	M5 X 8MM LONG POZI PAN SCREW	
39	230104	30 AMP MAXI FUSE	
40	321156	ISOLATOR BLOCK & INSERTS ASSEMBLY	
41	219466	ISOLATOR CONTACT	
42	221151	M4 X 12MM LONG POZI PAN SCREW	
43	219015	M4 SHAKEPROOF WASHER	
44	230111	CONTACTOR	
45	219569	No8 X 1/2 INCH POZI PAN STAINLESS STEEL SCREW	
46	219566	M4 X 6MM LONG POZI PAN SCREW	
47	236097	CONTACTOR LEAD ASSEMBLY	
48	208000	92MM LONG ALUMINIUM SPACER	
49	219047	M5 X 10MM LONG POZI PAN SEMS SCREW	
50	221035	HOURS METER	
51	219471	M4 X 12MM LONG POZI PAN SEMS SCREW	
52	219687	M4 STAINLESS STEEL NYLON INSERT NUT	
53	221029	CURRENT SHUNT / CONNECTION PCB	
54	219574	NYLON SPACER	
55	229550	PROCESSED ENCLOSURE BOX	
56	329447	COVER PLATE	
57	303631	NUTSERTED SPLASH GAURD	
58	219661	M5 X 35MM LONG POZI PAN STAINLESS STEEL SCREW	
59	236096	SOLENOID LEAD ASSEMBLY	
60	321119	750MM LONG DC CHARGING LEAD ASSEMBLY	
61	329440	EXHAUST COVER PLATE	
62	219668	M5 X 10MM LONG POZI PAN STAINLESS STEEL SCREW	
63	329452	FUSE COVER RETAINING PLATE	
64	219867	NYLON SPACER	
65	206664	LENS MOULDING (NO PRINT)	
66	219547	M5 X 16MM LONG POZI PAN STAINLESS STEEL SCREW	
67	329445	LENS COVER PLATE	
68	329435	FUSE COVER PLATE	
69	219644	M5 FORM G STAINLESS STEEL WASHER	
70	202117	FUSE COVER GASKET	
71	206666	M5 KNURLED KNOB	
72	206667	M5 RETAINING WASHER	
73	219738	M4 KNOB	
74	219748	M6 X 50MM STAINLESS STEEL CAP HEAD BOLT	
75	219721	M5 STAINLESS STEEL FULL NUT	
76	221038	2 AMP 20MM QUICK BLOW FUSE	
77	221037	20 AMP FUSE	
78	230112	MAXI FUSE PULLER	
79	220681	ISOLATOR KNOB	
80	219417	UNIFIED M/C SCREW INSULATOR	
81	219642	M6 STAINLESS STEEL NYLON INSERT NUT	
82	219899	M10 SINGLE COIL STAINLESS STEEL WASHER	
83	230103	70 MAXI AMP FUSE	
84	303901	FLOOR TOOL CONNECTOR WELDED ASSEMBLY	
85	219647	M6 FORM G STAINLESS STEEL WASHER	
86	219718	M6 STAINLESS STEEL SPRING WASHER	
87	219719	M6 X 16MM LONG HEXAGONAL STAINLESS STEEL HEAD BOLT	
88	208181	TAPPED REAR AXLE	
89	208180	CHARIOT PIVOT TUBE	
90	219964	NYLON WASHER (18MM O/D X 10.4MM I/D X 3MM THICK)	
91	303902	FLOOR TOOL PIVOT TUBE	
92	206954	SPIRO SPACER	
93	206964	SLIDE NYLON SPACER	
94	219807	M6 X 40MM LONG SOCKET BUTTON HEAD BOLT	
95	391146	35MM LONG FOOT LATCH COVER	
96	404096	TWINTEC BATTERY TRAY (NON TRACTION VERSION) - PAINT SILVER GREY	
97	404094	BATTERY SUPPORT BRACKET PAINTED	
98	404023	BATTERY STRAP (PAINTED SILVER)	
99	219005	M5 FORM G WASHER	
100	219076	M5 NYLON INSERT NUT	
101	303729	NUTSERTED FLOOR TOOL LIFTING FRAME	
102	219497	M5 NYLON WASHER	
103	219393	P CLIP	

Numatic International Spare Parts

Model No: Semi Parabolic Floor Tool (TTA-90/91/92/93B)

234108
DRAWING: EXP-0539 ISS:A11
08/04/2009



Numatic International Spare Parts

Model No: Semi Parabolic Floor Tool (TTA-90/91/92/93B)

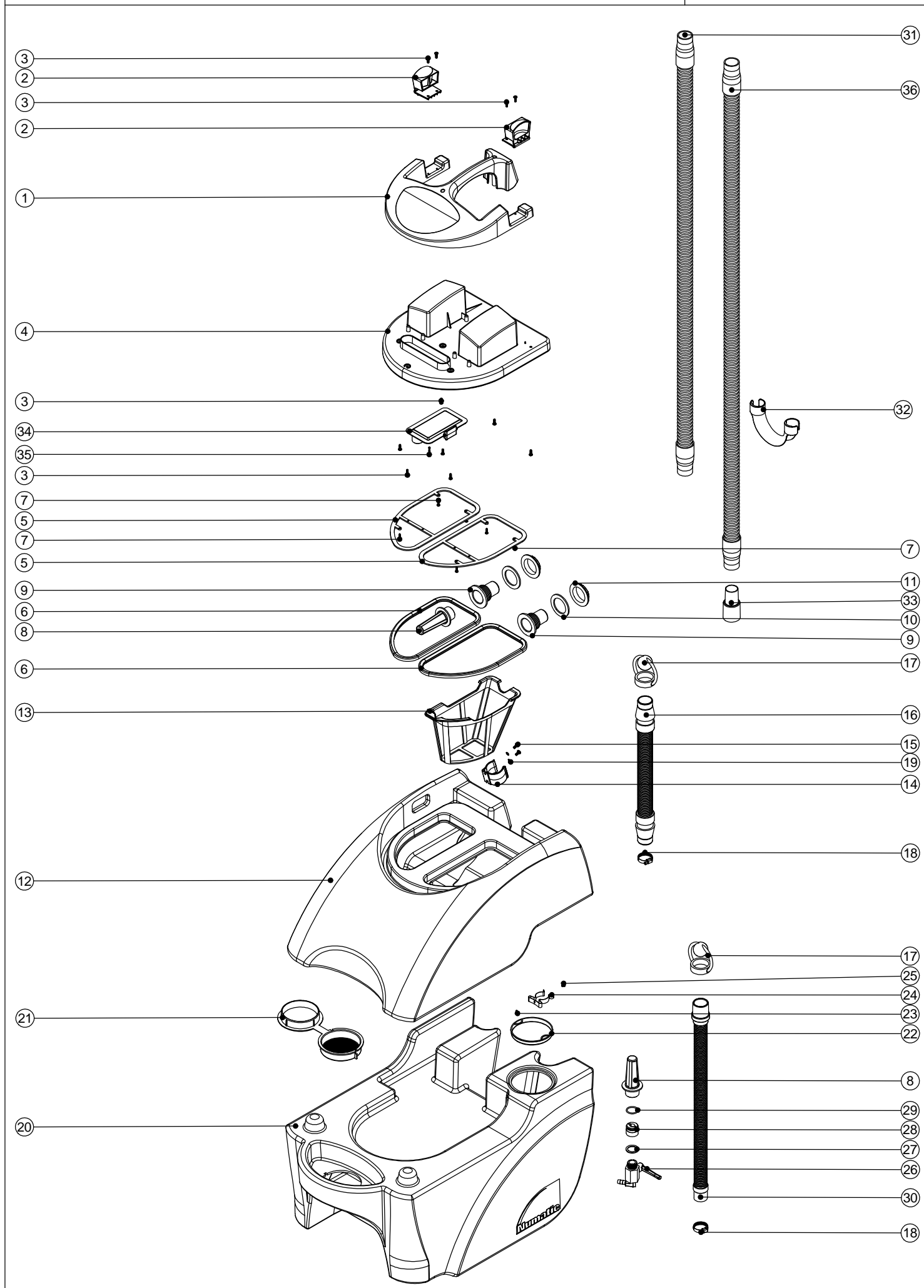
POS:	ITEM NO:	DESCRIPTION:	COMMENTS:
1	229403	TOP MOULDING	TLB345S / TT345 / TTB345 / TT3450 / TTB3450
	229404	TOP MOULDING	TT455 / TTB455 / TT4500 / TTB4500 / TTB4500/100ST / TTB4552/100ST
2	229401	BOTTOM MOULDING	TLB345S / TT345 / TTB345 / TT3450 / TTB3450
	229402	BOTTOM MOULDING	TT455 / TTB455 / TT4500 / TTB4500
	229475	BOTTOM MOULDING (WITH LUGS)	TLB345S / TT345 / TTB345 / TT3450 / TTB3450
	229476	BOTTOM MOULDING (WITH LUGS)	TT455 / TTB455 / TT4500 / TTB4500 / TTB4500/100ST / TTB4552/100ST
3	219568	No8 X 3/4 INCH LONG POZI PAN STAINLESS STEEL SCREW	
4	229370	CENTRE MOULDING C/W INSERT	
5	219647	M6 FORM G STAINLESS STEEL WASHER	
6	301195	M6 X 50MM TEE KNOB ASSEMBLY	
7	301194	M6 X 30MM TEE KNOB ASSEMBLY	
8	219718	M6 STAINLESS STEEL SPRING WASHER	
9	204068	3 INCH GREY WHEEL	
10	219644	M5 FORM G STAINLESS STEEL WASHER	
11	219645	M5 STAINLESS STEEL DOME NUT	
12	229295	RETAINING PIN	
13	219417	UNIFIED M/C SCREW INSULATOR	
14	215006	2" FLO WHEEL BLACK (GREY TYRE)	
15	204023	24MM FLO WHEEL INSERT	
16	329673	HEIGHT ADJUSTOR BRACKET WELDED ASSEMBLY	
17	219064	M6 X 35MM LONG HEX BOLT	
18	390401	6MM DIA X 60MM LONG STAINLESS STEEL BAR	
19	219402	6MM STAINLESS STARLOCK WASHER + CAP	
20	219007	M6 FORM B WASHER	
21	219642	M6 NYLON INSERT STAINLESS STEEL HALF NUT	
22	219312	COMPRESSION SPRING	
23	229283	HEIGHT ADJUSTMENT SHAFT	
24	215008	ADJUSTING KNOB	
25	429067	WEIGHT (PAINTED SILVER GREY)	TLB345S / TTB345 / TTB455 / TTB3450 / TTB4500 / TTB4552/100ST
26	219720	M5 X 30MM LONG STAINLESS STEEL POZI PAN SCREW	TLB345S / TTB345 / TTB455 / TTB3450 / TTB4500 / TTB4552/100ST
27	217349	790MM LONG FIXED FLOOR TOOL (FRONT & REAR) RUBBER BLADE	TLB345S / TT345 / TTB345 / TT3450 / TTB3450
	217224	850MM LONG FIXED FLOOR TOOL (FRONT & REAR) RUBBER BLADE	TT455 / TTB455 / TT4500 / TTB4500
28	217287	790MM LONG FIXED FLOOR TOOL POLYURETHANE BACK BLADE	TLB345S / TT345 / TTB345 / TT3450 / TTB3450 / TTB4500/100ST
	217289	850MM LONG FIXED FLOOR TOOL POLYURETHANE BACK BLADE	TT455 / TTB455 / TT4500 / TTB4500 / TTB4500/100ST / TTB4552/100ST
29	217286	790MM LONG FIXED FLOOR TOOL POLYURETHANE FRONT BLADE	TLB345S / TT345 / TTB345 / TT3450 / TTB3450 / TTB4500/100ST
	217288	850MM LONG FIXED FLOOR TOOL POLYURETHANE FRONT BLADE	TT-455 / TTB-455 / TT-4500 / TTB-4500 / TTB4552/100ST
30	219016	M5 SHAKEPROOF WASHER	

Numatic International Spare Parts

ModelNo:TTB4500/100ST/TT3450S/TT3450C/TTB3450S/TTB3450C/TT4500S/TT4550S/TTB4500S/TTB4552S/TTB3450CRS/TTB4552/100ST/TTB3450 (Power Electronics)/Tank/Separator Assy

234276

DRAWING: EXP-0707 ISS:A20
31/10/2011



Numatic International Spare Parts

ModelNo:TTB4500/100ST/TT3450S/TT3450C/TTB3450S/TTB3450C/TT4500S/TT4550S/TTB4500S/TTB4552S/TTB3450CRS/TTB4552/100ST/TTB3450 (Power Electronics)/Tank/Separator Assy

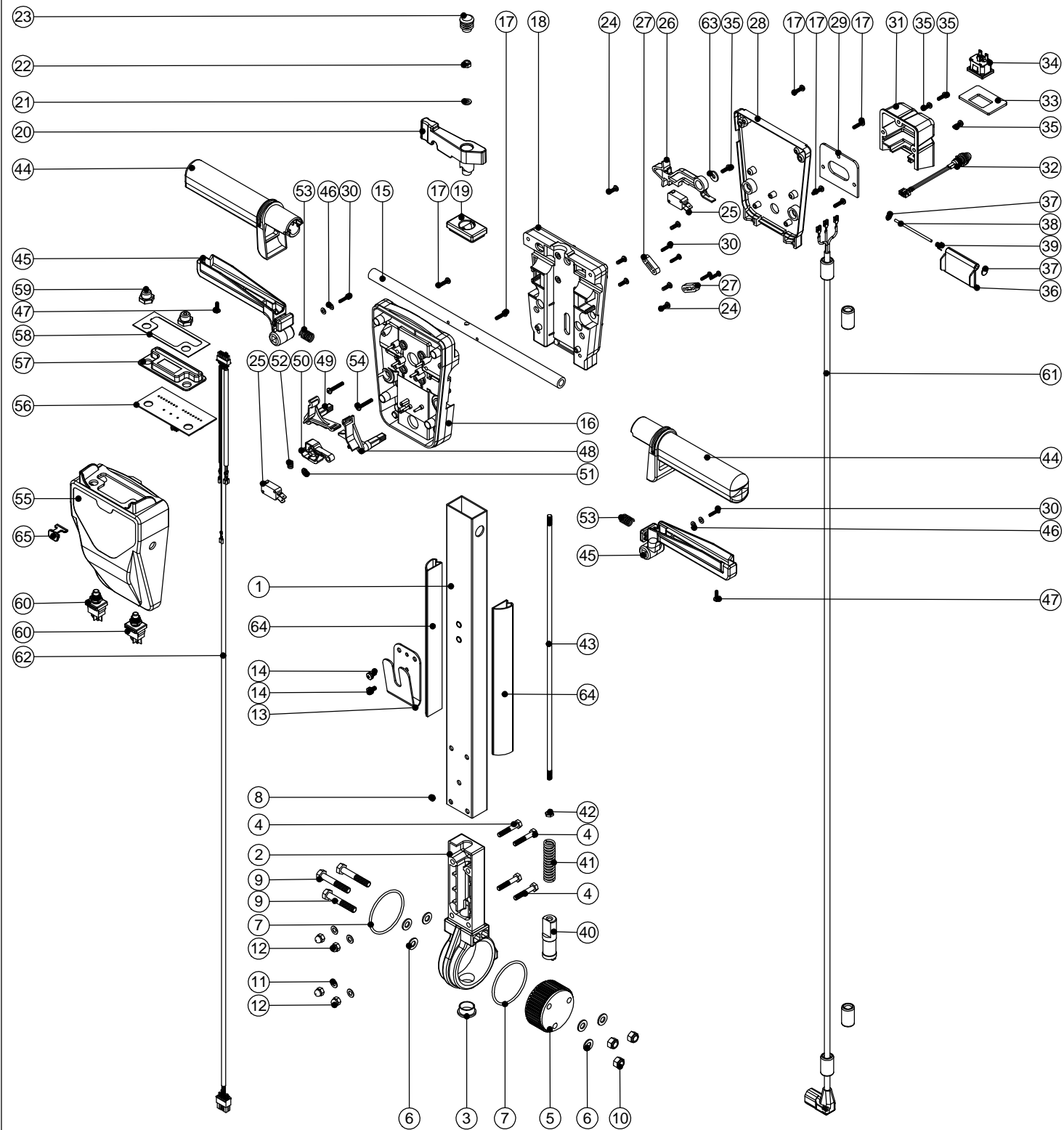
POS:	ITEM NO:	DESCRIPTION:	COMMENTS:
1	229493	SEPARATOR TOP	
2	229494	CLIP MOULDING	
3	219569	No8 X 1/2 INCH POZI PAN STAINLESS STEEL SCREW	
4	303604	PROCESSED SEPARATOR MOULDING (S TYPE)	
5	329408	GASKET SUPPORT RING	
6	202110	SEALING GASKET	
7	219852	NO6 X 1/2 LONG POZI PAN STAINLESS STEEL SELF TAP SCREW	
8	207122	BARREL FILTER	
9	206228	DRAIN HOSE CONNECTOR	
10	219310	RUBBER WASHER	
11	206116	BLACK NUT	
13	229488	BLUE TOP TANK	TT3450S/TTB3450S/TTB3450C/TT3450C/TTB3450CRS/TTB3450 (POWER ELECTRONICS)
	229490	BLUE TOP TANK	TT4550S/TTB4500S/TTB4552S/TT4500/TTB4500/100ST/TTB4552/100ST
13	207000	GRIT FILTER BASKET	
14	229762	HOSE CLIP MOULDING	
15	219668	M5 X 10MM LONG POZI PAN STAINLESS STEEL SCREW	
16	206842	420MM LONG BLACK STRETCH HOSE C/W CUFFS	
17	206111	HOSE CLOSURE	
18	219674	30/40MM DIAMETER STAINLESS STEEL JUBILEE CLIP	
19	219016	M5 SHAKEPROOF WASHER	
20	229491	BLUE BOTTOM TANK	TT3450S
	229489	BLUE BOTTOM TANK	TTB4500S/TTB4552S/TTB4500/100ST/TTB4552/100ST
	229536	BLUE BOTTOM TANK	TT4550S/TTB4500S
	229487	BLUE BOTTOM TANK	TTB3450S/TTB3450C/TT3450C/TTB3450CRS/TTB3450 (POWER ELECTRONICS)
21	229282	FILTER CAP	
22	219452	100MM DIAMETER HOLE PLUG	
23	219688	M4 FORM A STAINLESS STEEL WASHER	
24	219665	TOOL CLIP	
25	219697	M4 X 8MM LONG POZI PAN STAINLESS STEEL SCREW	
26	206597	TANK TAP	
27	219974	BONDED WASHER 5/8 BSP NON S/C	
28	206274	FILTER CONNECTOR	
29	219626	23MM I/D X 2.5MM SECTION O RING	
30	213025	600MM - 630MM LONG DUMP HOSE ASSEMBLY	
31	206697	1300MM LONG SUCTION HOSE	TTB3450 (POWER ELECTRONICS/TTB3450S/TTB4500S/TTB4552S (VAC HOSE)
	206698	1500MM LONG SUCTION HOSE	TTB3450C/TT3450C (VAC HOSE)
	206696	1200MM LONG SUCTION HOSE	TT3450S/TT4500S/TT4550S (VAC HOSE)
	329787	1600MM LONG SUCTION HOSE	TTB4500/100ST / TTB4552/100ST (VAC HOSE)
	329786	1.85 METER LONG X 32MM DIAMETER SUCTION HOSE	TTB-3450CRS (VAC HOSE)
32	206512	HOSE HOOK	ALL MACHINES EXCEPT TTB3450C
33	237220	38/32MM ADAPTOR	ALL MACHINES EXCEPT TTB3450C
34	237090	SEPARATOR FLOAT MOULDING (MK 2)	
35	219568	No8 X 3/4 INCH LONG POZI PAN STAINLESS STEEL SCREW	
36	206698	1500MM LONG SUCTION HOSE	ALL MACHINES:EXCEPT TTB3450C (FLOOR TOOL HOSE)
	329786	1.85 METER LONG X 32MM DIAMETER SUCTION HOSE	TTB3450C & TT3450C (FLOOR TOOL HOSE)

Numatic International Spare Parts

Model No:TTB3450/TTB4550/TTB4552/TTB3450C/TTB3450CRS Handle Assembly

234320
DRAWING: EXP-0751 ISS:A07
31/01/2012

NB: FOR WIRING SEE DRAWING: WD-0295



Numatic International Spare Parts

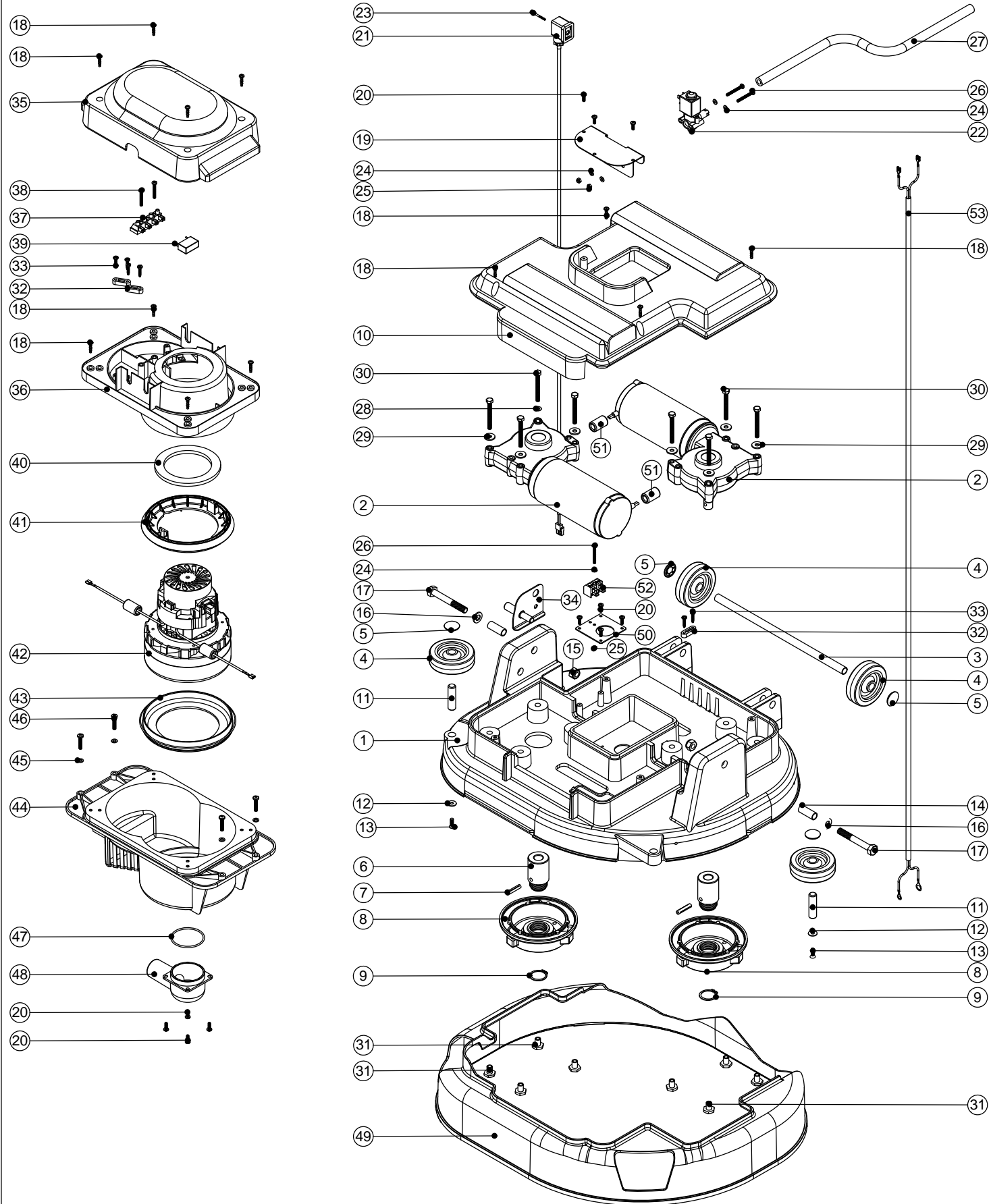
Model No:TTB3450/TTB4550/TTB4552/TTB3450C/TTB3450CRS Handle Assembly

POS:	ITEM NO:	DESCRIPTION:	COMMENTS:
1	429074	430MM PAINTED PROCESSED ALUMINIUM HANDLE	
2	229081	HANDLE CASTING MACHINED	
3	229099	25MM DIA HOLE PLUG	
4	219064	M6 X 35MM LONG HEX BOLT	
5	229074	ADJUSTMENT GEAR	
6	219010	M8 FORM A WASHER	
7	219254	O RING 3MM DIA X 60MM I/D	
8	229009	BLANKING PLUG	
9	219091	M8 X 50MM LONG HEX BOLT	
10	219078	M8 NYLON INSERT NUT	
11	219007	M6 FORM B WASHER	
12	219080	M6 DOMENUT	
13	329397	SEPARATOR HANGING BRACKET	
14	219047	M5 X 10MM LONG POZI PAN SEMS SCREW	
15	338269	CROSS TUBE	
16	227576	FRONT INNER HALF MOULDING	
	229508	FRONT INNER HALF MOULDING	FLAME RETARDANT (120V MACHINE)
17	219105	No8 X 5/8 INCH LONG POZI PAN PLASTITE SCREW	
18	227577	REAR INNER HALF MOULDING	
	229509	REAR INNER HALF MOULDING	FLAME RETARDANT (120V MACHINE)
19	227582	HANDLE PLUG MOULDING	
20	227583	ADJUSTMENT LEVER MOULDING	
21	219493	M6 NYLON WASHER	
22	219642	M6 STAINLESS STEEL NYLON INSERT NUT	
23	20638V	19MM BLACK TUBE END STOP	
24	219101	No8 X 1/2 INCH LONG POZI PAN PLASTITE SCREW	
25	229483	SNAP ACTION SWITCH	
26	227584	INTERLOCK LEVER MOULDING	
27	227008	BLACK CABLE CLAMP	
28	303509	MODIFIED REAR COVER	
	303628	MODIFIED REAR COVER	FLAME RETARDANT (120V MACHINE)
29	202105	SOCKET COVER SEALING GASKET	
30	219107	No6 X 5/8 INCH LONG POZI PAN PLASTITE SCREW	
31	329355	SOCKET COVER DRILLED	
	303629	SOCKET COVER DRILLED	FLAME RETARDANT (120V MACHINE)
32	270193	NEON INDICATOR RED LENS 230V C/W LINK WIRES	
	270195	NEON INDICATOR RED LENS 120V C/W LINK WIRES	
33	329297	SOCKET MOUNTING PLATE	
34	220391	3 PIN APPLIANCE SOCKET	
35	219601	No8 X 3/8 INCH LONG POZI PAN PLASTITE SCREW	
36	227781	FLAP MOULDING	
37	219832	3MM DIAMETER STARLOCK	
38	390979	72MM LONG X 3MM DIAMETER STAINLESS STEEL BAR	
39	219819	TORSION SPRING	
40	229073	GEAR LOCKING PIN	
41	229138	SPRING	
42	219099	M6 HALF NUT	
43	229461	440MM HANDLE LOCKING ROD	
44	227580	HAND GRIP MOULDING	
45	229500	TRIGGER MOULDING BLUE	
46	219206	M4 FORM A WASHER	
47	219270	No8 X 1/2 INCH LONG POZI PAN SELF TAP SCREW	
48	227585	LEFT HAND SWITCH OPERATING LEVER MOULDING	
49	227586	RIGHT HAND SWITCH OPERATING LEVER MOULDING	
50	227587	CENTRE SWITCH OPERATING LEVER MOULDING	
51	219805	4MM SPIREFIX	
52	219804	SWITCH COMPRESSION SPRING	
53	219803	TRIGGER COMPRESSION SPRING	
54	219811	NO8 X 1 INCH LONG POZI-PAN SELF TAP SCREW	
55	229752	BATTERY FRONT COVER (LESS AUX VAC SWITCH & USB HOLE)	
	229753	FRONT COVER (LESS AUX VAC SWITCH & USB HOLE)	TTB3450/4550/4552 (FLAME RETARDANT)
	229760	FRONT COVER (LESS AUX VAC SWITCH HOLE)	TTB3450C/TTB3450CRS (STANDARD)
	229761	FRONT COVER (LESS AUX VAC SWITCH HOLE)	TTB3450C/TTB3450CRS (FLAME RETARDANT)
56	221028	CONTROL PCB	TTB3450 /4550/4552
	208214	CONTROL PCB C/W USB (WEB SERVICE ENABLED)	TTB3450C/TTB3450CRS
57	206646	LENS MOULDING	
58	220725	SELF ADHESIVE LENS GASKET	
59	220600	SWITCH COVER	
60	220597	PUSH BUTTON SWITCH	
61	321132	AC CHARGING LEAD ASSEMBLY C/W 2 FERRITES	
62	236066	HANDLE HARNESS	
63	219005	M5 FORM G WASHER	
64	391074	230MM LONG CUT SELF ADHESIVE CABLE DUCTING	
65	229743	USB PLUG MOULDING	TTB3450C/TTB3450CRS MACHINES ONLY
66	230097	AXIAL FERRITE BEAD	

Numatic International Spare Parts

Model No: TTB-4552 Base/Deck & Vac Pod Assembly

234332
DRAWING: EXP-0763 ISS:A03
24/01/2011



Numatic International Spare Parts

Model No: TTB-4552 Base/Deck & Vac Pod Assembly

POS:	ITEM NO:	DESCRIPTION:	COMMENTS:
1	329210	GREY BASE MOULDING (PROCESSED)	
2	321137	MODIFIED 24V MOTOR	
3	390860	1/2 INCH DIAMETER X 18G X 300MM LONG STAINLESS STEEL TUBE	
4	204068	3 INCH GREY WHEEL	
5	204021	12.7MM STAINLESS STEEL HUB CAP	
6	229182	DRIVE SHAFT	
7	219523	GROOVED PIN	
8	230207	CHUCK	
9	230048	26MM EXTERNAL CIRCLIP	
10	229369	LID MOULDING	
11	206013	BUFFER WHEEL PIN	
12	219644	M5 FORM G STAINLESS STEEL WASHER	
13	219572	M5 X 16MM LONG POZI PAN COUNTERSUNK STAINLESS STEEL SCREW	
14	390858	32MM LONG SPACER	
15	219649	M10 NYLON INSERT NUT	
16	219449	M10 FORM A WASHER	
17	219698	M10 X 75MM LONG HEX BOLT	
18	219568	No8 X 3/4 INCH LONG POZI PAN STAINLESS STEEL SCREW	
19	303463	SOLENOID MOUNTING PLATE	
20	219569	No8 X 1/2 INCH POZI PAN STAINLESS STEEL SCREW	
21	236096	SOLENOID LEAD ASSEMBLY	
22	220379	24V D.C. SOLENOID VALVE	
23	219251	REPLACEMENT MPM CONNECTOR M3 SCREW	
24	219688	M4 FORM A STAINLESS STEEL WASHER	
25	219687	M4 STAINLESS STEEL NYLON INSERT NUT	
26	219703	M4 X 35MM LONG STAINLESS STEEL POZI PAN SCREW	
27	303248	900MM LONG SILICON TUBE	
28	219007	M6 FORM B WASHER	
29	219008	M6 FORM G WASHER	
30	219224	M6 X 55MM LONG HEX HEAD BOLT	
31	219606	BRACKET SPACER	
32	227008	BLACK CABLE CLAMP	
33	219107	No6 X 5/8 INCH LONG POZI PAN PLASTITE SCREW	
34	303506	LOCKING PIN WELDED ASSEMBLY	
35	229206	VAC POD TOP COVER MOULDING	
36	229998	VAC POD TOP MOTOR HOUSING C/W TAPPEX	
37	220204	TERMINAL BLOCK	
38	219321	M4 X 30MM LONG POZI PAN SCREW	
39	321139	SUPPRESSOR	
40	202078	MOTOR CAP GASKET	
41	202107	TOP MOTOR GASKET	
42	321106	24V D.C BP MOTOR ASSEMBLY	
43	202111	BOTTOM MOTOR GASKET	
44	229204	BOTTOM MOTOR HOUSING (STANDARD MATERIAL)	
45	219003	M5 FORM A STEEL WASHER	
46	219575	M5 X 25MM LONG POZI PAN STAINLESS STEEL SCREW	
47	219561	51.6MM I/D O RING	
48	229207	INLET TUBE	
49	229561	SPLASH SKIRT MOULDING	
50	329436	TERMINAL BLOCK MOUNTING PLATE	
51	230097	AXIAL FERRITE BEAD	
52	220316	TERMINAL BLOCK ELKAY	
53	321138	MOTOR LEAD ASSEMBLY	
54	310051	LEMACE MOTOR INTERCHANGEABLE BRUSH SET	2 PER PACK (ITEM NOT SHOWN)