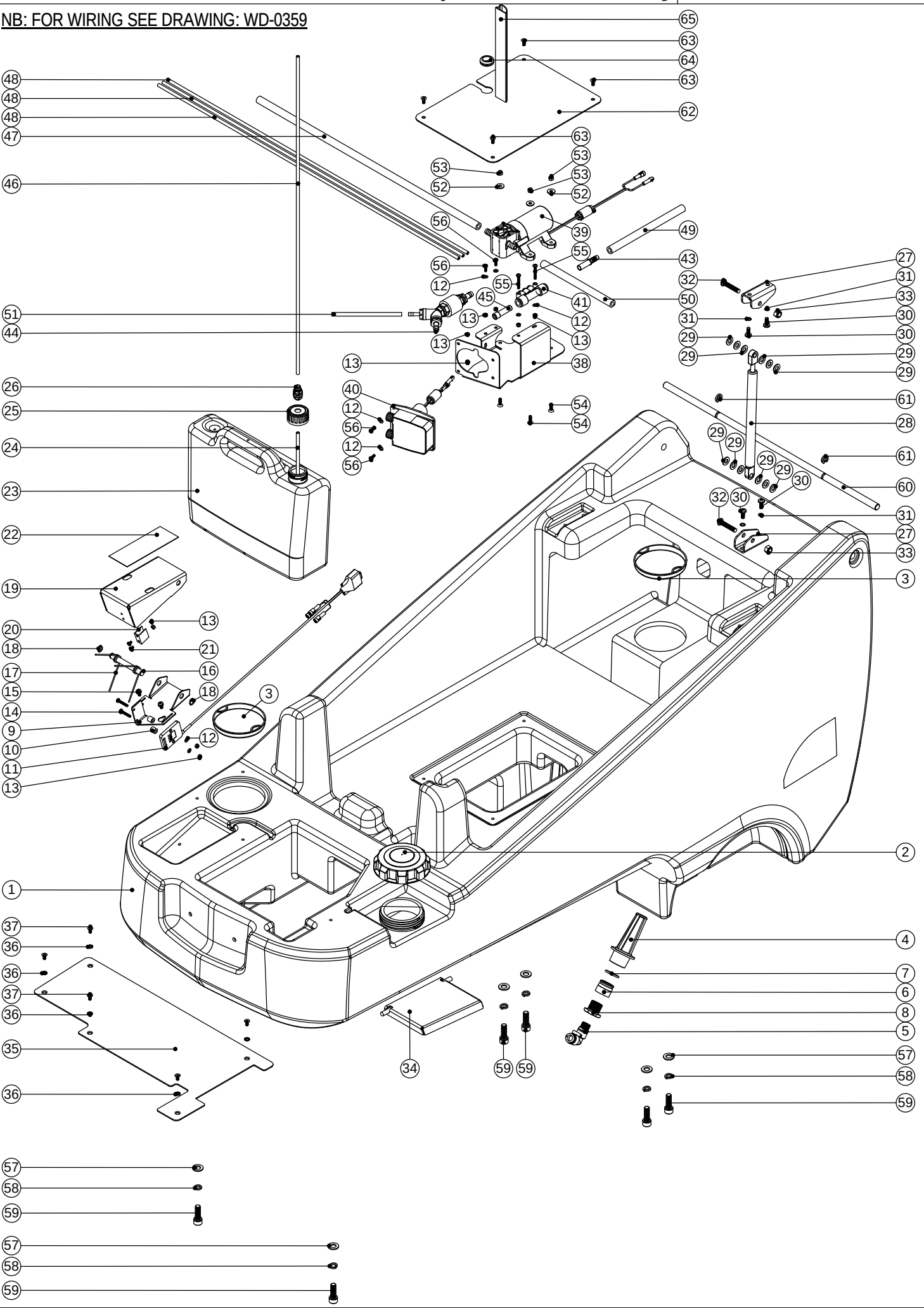


Numatic International Spare Parts

Model No: Vario Bottom Tank / Pump / Pedal Assembly

NB: FOR WIRING SEE DRAWING: WD-0359



234610
DRAWING: EXP-1038 ISS:A01
24/09/2008

Numatic International Spare Parts

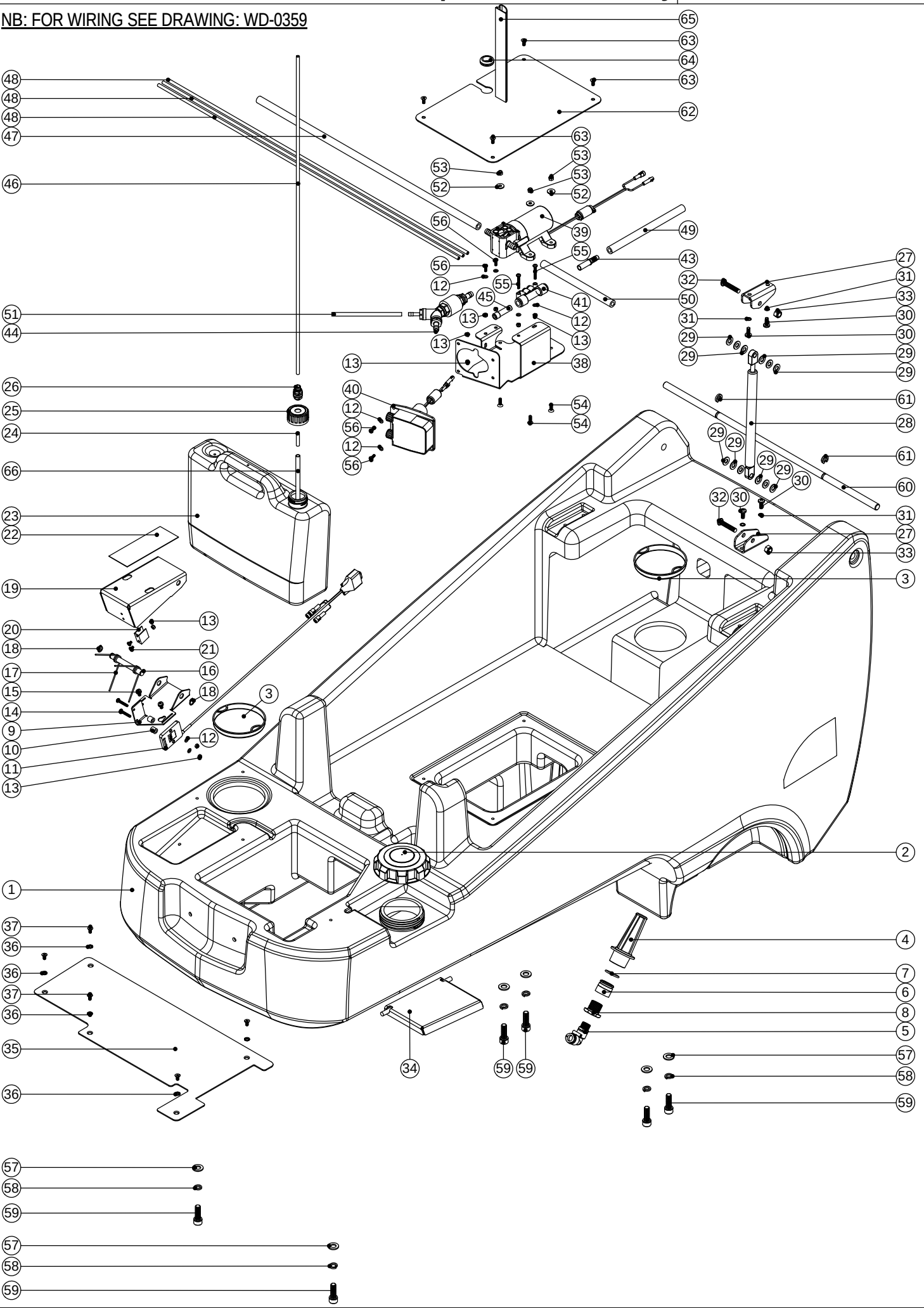
Model No: Vario Bottom Tank / Pump / Pedal Assembly

POS:	ITEM NO:	DESCRIPTION:	COMMENTS:
1	229838	BOTTOM TANK MOULDING	
2	208077	FILLER CAP	
3	219452	100MM DIAMETER HOLE PLUG	
4	206265	BARREL FILTER	
5	206799	3/8 INCH BSP MALE SWIVEL ELBOW X 12MM TUBE	
6	206274	FILTER CONNECTOR	
7	219626	23MM I/D X 2.5MM SECTION O RING	
8	206275	TAP CONNECTOR FITTING	
9	329841	ACCELERATOR HINGE PLATE	
10	219574	NYLON SPACER	
11	206905	ACCELERATOR SENSOR	
12	219206	M4 FORM A WASHER	
13	219083	M4 NYLON INSERT NUT	
14	219267	M4 X 20MM LONG POZI PAN SEMS SCREW	
15	219047	M5 X 10MM LONG POZI PAN SEMS SCREW	
16	208046	CIRCLIP BAR	
17	208047	TORSION SPRING (LEFT HAND)	
18	219586	10MM EXTERNAL CIRCLIP	
19	329840	ACCELERATOR PEDAL	
20	404051	GILL SENSOR ACTIVATOR PLATE - PAINTED ANTHRACITE GREY	
21	219697	M4 X 8MM LONG POZI PAN STAINLESS STEEL SCREW	
22	391222	ACCELERATOR GRIP PAD	
23	303800	PROCESSED DOSING TANK MOULDING	
24	391219	6MM X 300MM LONG CLEAR POLYURETHANE TUBE	
25	303827	PROCESSED BLUE CAP	
26	208032	6MM BULKHEAD CONNECTOR	
27	329893	GAS STRUT BRACKET	
28	208042	GAS STRUT	
29	219010	M8 FORM A WASHER	
30	219618	M6 X 16MM LONG POZI PAN SCREW	
31	219544	M6 SHAKEPROOF WASHER	
32	219865	M8 X 40MM LONG SOCKET BOLT	
33	219078	M8 NYLON INSERT NUT	
34	303822	FILLER CAP COVER WELDED ASSEMBLY	
35	329839	FLOOR PLATE	
36	219972	M5 COUNTERSUNK EXTERNAL SHAKEPROOF WASHER	
37	219405	M5 X 10MM LONG POZI PAN COUNTERSUNK SCREW	
38	329891	RIDE-ON PUMP ASSEMBLY BRACKET (SEKO PUMP)	
39	321406	WATER PUMP & LEAD ASSEMBLY	
40	321417	DETERGENT PUMP & SOLDERED LEAD ASSEMBLY	
41	208031	3 WAY MANIFOLD (10MM DIAMETER INPUT / 6MM DIAMETER OUTPUT)	
42	206818	HOSE CLIP	
43	208035	10MM X 8MM BARBED CONNECTOR	
44	208118	NONE RETURN VALVE ASSEMBLY	
45	208034	10MM BLANKING PLUG	
46	391218	6MM X 1500MM LONG CLEAR POLYURETHANE TUBE	
47	391216	SILICON TUBE 600MM LONG X 8MM I/D X 3.2MM WALL SECTION	
48	391220	6MM X 820MM LONG CLEAR POLYURETHANE TUBE	
49	391215	SILICON TUBE 200MM LONG X 8MM I/D X 3.2MM WALL SECTION	
50	391214	SILICON TUBE 190MM LONG X 8MM I/D X 3.2MM WALL SECTION	
51	391217	UNREINFORCED SILICON HOSE 135MM LONG X 4MM I/D X 7.1MM O/D	
52	219005	M5 FORM G WASHER	
53	219076	M5 NYLON INSERT NUT	
54	219282	M5 X 16MM LONG POZI PAN COUNTERSUNK SCREW	
55	219321	M4 X 30MM LONG POZI PAN SCREW	
56	221151	M4 X 12MM LONG POZI PAN SCREW	
57	219012	M10 FORM E WASHER	
58	219349	M10 SINGLE COIL WASHER	
59	219966	M10 X 30 FULLY THREADED SOCKET	
60	208071	TOP TANK PIVOT TUBE	
61	208072	PLASTIC FIXING RING	
62	404035	PUMP COVER PLATE (PAINTED GREY)	
63	219330	M5 X 12MM LONG POZI PAN COUNTRSUNK SCREW	
64	219934	GROMMET	
65	391228	210MM LONG SELF ADHESIVE CABLE DUCTING	

Numatic International Spare Parts

Model No: Vario Bottom Tank / Pump / Pedal Assembly

NB: FOR WIRING SEE DRAWING: WD-0359



234610
DRAWING: EXP-1038 ISS:A02
22/04/2009

Numatic International Spare Parts

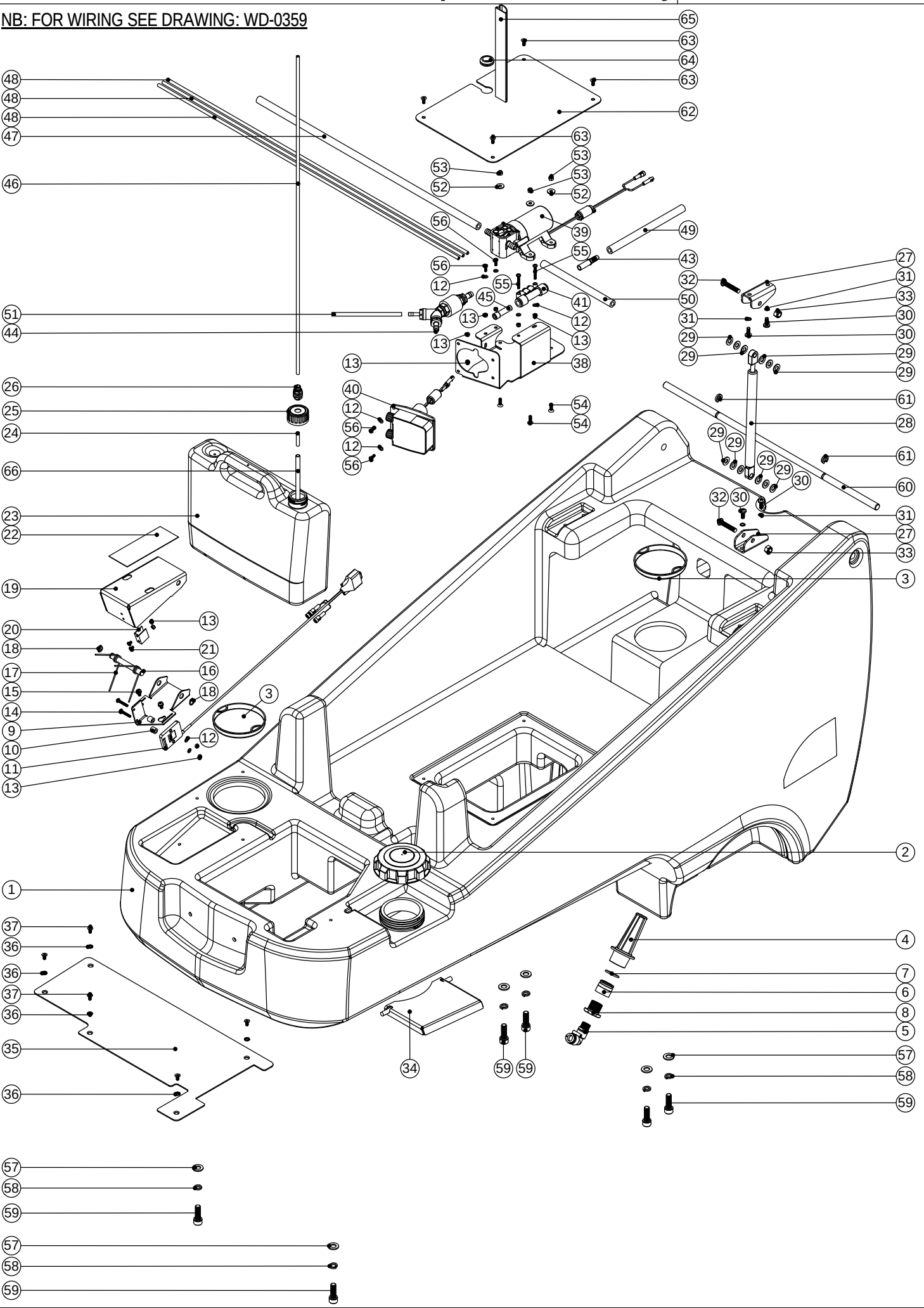
Model No: Vario Bottom Tank / Pump / Pedal Assembly

POS:	ITEM NO:	DESCRIPTION:	COMMENTS:
1	229838	BOTTOM TANK MOULDING	
2	208077	FILLER CAP	
3	219452	100MM DIAMETER HOLE PLUG	
4	206265	BARREL FILTER	
5	206799	3/8 INCH BSP MALE SWIVEL ELBOW X 12MM TUBE	
6	206274	FILTER CONNECTOR	
7	219626	23MM I/D X 2.5MM SECTION O RING	
8	206275	TAP CONNECTOR FITTING	
9	329841	ACCELERATOR HINGE PLATE	
10	219574	NYLON SPACER	
11	206905	ACCELERATOR SENSOR	
12	219206	M4 FORM A WASHER	
13	219083	M4 NYLON INSERT NUT	
14	219267	M4 X 20MM LONG POZI PAN SEMS SCREW	
15	219047	M5 X 10MM LONG POZI PAN SEMS SCREW	
16	208046	CIRCLIP BAR	
17	208047	TORSION SPRING (LEFT HAND)	
18	219586	10MM EXTERNAL CIRCLIP	
19	329840	ACCELERATOR PEDAL	
20	404051	GILL SENSOR ACTIVATOR PLATE - PAINTED ANTHRACITE GREY	
21	219697	M4 X 8MM LONG POZI PAN STAINLESS STEEL SCREW	
22	391222	ACCELERATOR GRIP PAD	
23	303800	PROCESSED DOSING TANK MOULDING	
24	391219	6MM X 30MM LONG CLEAR POLYURETHANE TUBE	
25	303827	PROCESSED BLUE CAP	
26	208032	6MM BULKHEAD CONNECTOR	
27	329893	GAS STRUT BRACKET	
28	208042	GAS STRUT	
29	219010	M8 FORM A WASHER	
30	219618	M6 X 16MM LONG POZI PAN SCREW	
31	219544	M6 SHAKEPROOF WASHER	
32	219865	M8 X 40MM LONG SOCKET BOLT	
33	219078	M8 NYLON INSERT NUT	
34	303822	FILLER CAP COVER WELDED ASSEMBLY	
35	329839	FLOOR PLATE	
36	219972	M5 COUNTERSUNK EXTERNAL SHAKEPROOF WASHER	
37	219405	M5 X 10MM LONG POZI PAN COUNTERSUNK SCREW	
38	329891	RIDE-ON PUMP ASSEMBLY BRACKET (SEKO PUMP)	
39	321406	WATER PUMP & LEAD ASSEMBLY	
40	321417	DETERGENT PUMP & SOLDERED LEAD ASSEMBLY	
41	208031	3 WAY MANIFOLD (10MM DIAMETER INPUT / 6MM DIAMETER OUTPUT)	
42	206818	HOSE CLIP	
43	208035	10MM X 8MM BARBED CONNECTOR	
44	208118	NONE RETURN VALVE ASSEMBLY	
45	208034	10MM BLANKING PLUG	
46	391218	6MM X 1500MM LONG CLEAR POLYURETHANE TUBE	
47	391216	SILICON TUBE 600MM LONG X 8MM I/D X 3.2MM WALL SECTION	
48	391220	6MM X 820MM LONG CLEAR POLYURETHANE TUBE	
49	391215	SILICON TUBE 200MM LONG X 8MM I/D X 3.2MM WALL SECTION	
50	391214	SILICON TUBE 190MM LONG X 8MM I/D X 3.2MM WALL SECTION	
51	391217	UNREINFORCED SILICON HOSE 135MM LONG X 4MM I/D X 7.1MM O/D	
52	219005	M5 FORM G WASHER	
53	219076	M5 NYLON INSERT NUT	
54	219282	M5 X 16MM LONG POZI PAN COUNTERSUNK SCREW	
55	219321	M4 X 30MM LONG POZI PAN SCREW	
56	221151	M4 X 12MM LONG POZI PAN SCREW	
57	219012	M10 FORM E WASHER	
58	219349	M10 SINGLE COIL WASHER	
59	219966	M10 X 30 FULLY THREADED SOCKET	
60	208071	TOP TANK PIVOT TUBE	
61	208072	PLASTIC FIXING RING	
62	404035	PUMP COVER PLATE (PAINTED GREY)	
63	219330	M5 X 12MM LONG POZI PAN COUNTRSUNK SCREW	
64	219934	GROMMET	
65	391228	210MM LONG SELF ADHESIVE CABLE DUCTING	
66	227998	260MM LONG X 8MM O/D X 5.4MM I/D BLACK SOLUTION TUBE	

Numatic International Spare Parts

Model No: Vario Bottom Tank / Pump / Pedal Assembly

NB: FOR WIRING SEE DRAWING: WD-0359



234610
DRAWING: EXP-1038 ISS:A03
06/06/2010

Numatic International Spare Parts

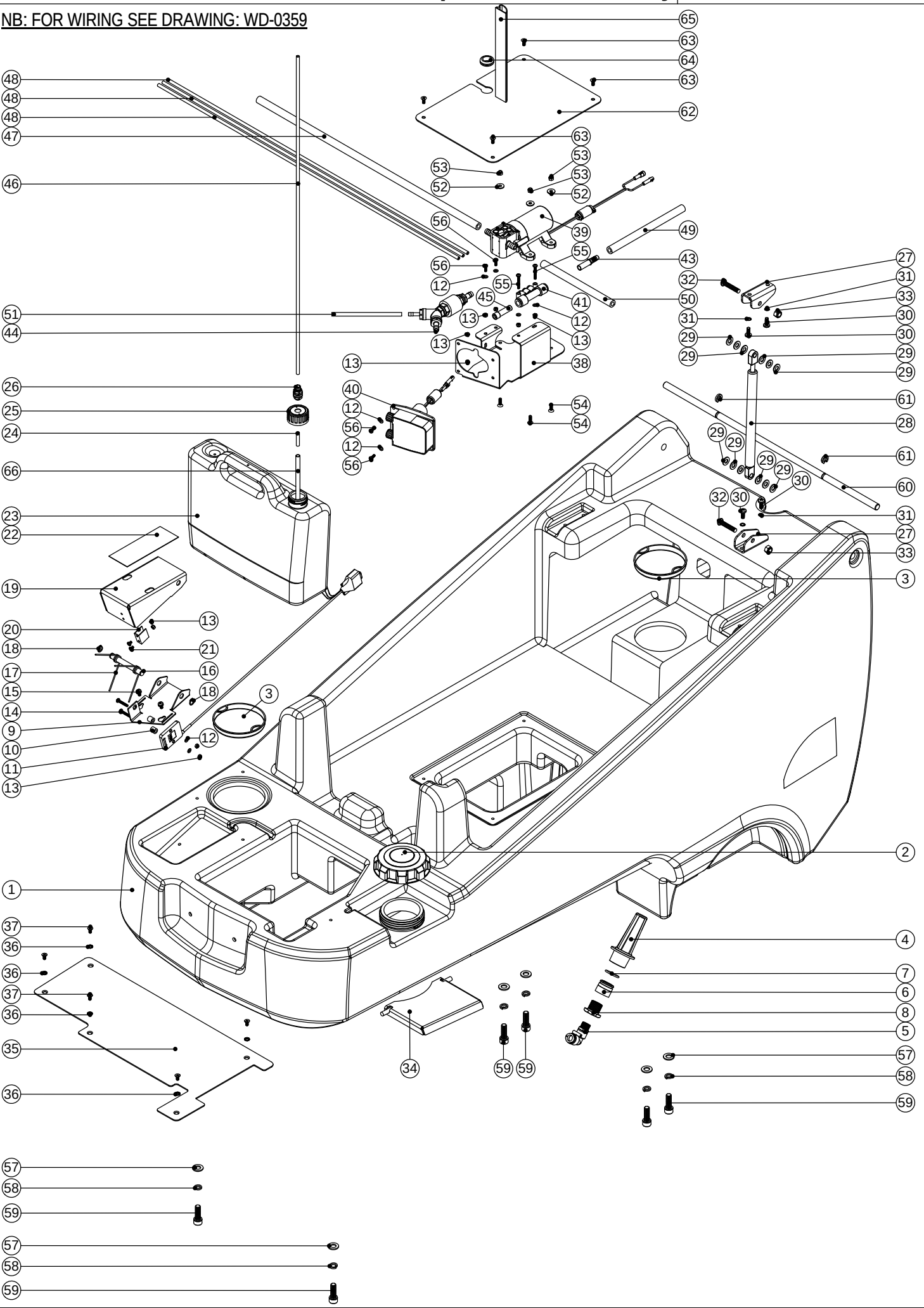
Model No: Vario Bottom Tank / Pump / Pedal Assembly

POS:	ITEM NO:	DESCRIPTION:	COMMENTS:
1	229838	BOTTOM TANK MOULDING	
2	208077	FILLER CAP	
3	219452	100MM DIAMETER HOLE PLUG	
4	206265	BARREL FILTER	
5	206799	3/8 INCH BSP MALE SWIVEL ELBOW X 12MM TUBE	
6	206274	FILTER CONNECTOR	
7	219626	23MM I/D X 2.5MM SECTION O RING	
8	206275	TAP CONNECTOR FITTING	
9	329841	ACCELERATOR HINGE PLATE	
10	219574	NYLON SPACER	
11	206905	ACCELERATOR SENSOR	
12	219206	M4 FORM A WASHER	
13	219083	M4 NYLON INSERT NUT	
14	219267	M4 X 20MM LONG POZI PAN SEMS SCREW	
15	219047	M5 X 10MM LONG POZI PAN SEMS SCREW	
16	208046	CIRCLIP BAR	
17	208047	TORSION SPRING (LEFT HAND)	
18	219586	10MM EXTERNAL CIRCLIP	
19	329840	ACCELERATOR PEDAL	
20	404051	GILL SENSOR ACTIVATOR PLATE (PAINTED ANTHRACITE GREY)	
21	219697	M4 X 8MM LONG POZI PAN STAINLESS STEEL SCREW	
22	391222	ACCELERATOR GRIP PAD	
23	303800	PROCESSED DOSING TANK MOULDING	
24	391219	6MM X 30MM LONG CLEAR POLYURETHANE TUBE	
25	303827	PROCESSED BLUE CAP	
26	208032	6MM BULKHEAD CONNECTOR	
27	329893	GAS STRUT BRACKET	
28	208042	GAS STRUT	
29	219010	M8 FORM A WASHER	
30	219618	M6 X 16MM LONG POZI PAN SCREW	
31	219544	M6 SHAKEPROOF WASHER	
32	219865	M8 X 40MM LONG SOCKET BOLT	
33	219078	M8 NYLON INSERT NUT	
34	303822	FILLER CAP COVER WELDED ASSEMBLY	
35	329839	FLOOR PLATE	
36	219972	M5 COUNTERSUNK EXTERNAL SHAKEPROOF WASHER	
37	291008	M5 X 10MM LONG POZI PAN COUNTERSUNK STAINLESS STEEL SCREW	
38	329891	RIDE-ON PUMP ASSEMBLY BRACKET (SEKO PUMP)	
39	321406	WATER PUMP & LEAD ASSEMBLY	
40	321417	DETERGENT PUMP & SOLDERED LEAD ASSEMBLY	
41	208031	3 WAY MANIFOLD (10MM DIAMETER INPUT / 6MM DIAMETER OUTPUT)	
42	206818	HOSE CLIP	
43	208035	10MM X 8MM BARBED CONNECTOR	
44	208118	NONE RETURN VALVE ASSEMBLY	
45	208034	10MM BLANKING PLUG	
46	391218	6MM X 1500MM LONG CLEAR POLYURETHANE TUBE	
47	391216	SILICON TUBE 600MM LONG X 8MM I/D X 3.2MM WALL SECTION	
48	391220	6MM X 820MM LONG CLEAR POLYURETHANE TUBE	
49	391215	SILICON TUBE 200MM LONG X 8MM I/D X 3.2MM WALL SECTION	
50	391214	SILICON TUBE 190MM LONG X 8MM I/D X 3.2MM WALL SECTION	
51	391217	UNREINFORCED SILICON HOSE 135MM LONG X 4MM I/D X 7.1MM O/D	
52	219005	M5 FORM G WASHER	
53	219076	M5 NYLON INSERT NUT	
54	219282	M5 X 16MM LONG POZI PAN COUNTERSUNK SCREW	
55	219321	M4 X 30MM LONG POZI PAN SCREW	
56	221151	M4 X 12MM LONG POZI PAN SCREW	
57	219012	M10 FORM E WASHER	
58	219349	M10 SINGLE COIL WASHER	
59	219966	M10 X 30 FULLY THREADED SOCKET	
60	208071	TOP TANK PIVOT TUBE	
61	208072	PLASTIC FIXING RING	
62	404035	RIDE ON PUMP COVER PLATE (PAINTED GREY)	
63	219330	M5 X 12MM LONG POZI PAN COUNTERSUNK SCREW	
64	219934	GROMMET	
65	391228	210MM LONG SELF ADHESIVE CABLE DUCTING	
66	227998	260MM LONG SOLUTION TUBE	

Numatic International Spare Parts

Model No: Vario Bottom Tank / Pump / Pedal Assembly

NB: FOR WIRING SEE DRAWING: WD-0359



234610
DRAWING: EXP-1038 ISS:A04
02/09/2011

Numatic International Spare Parts

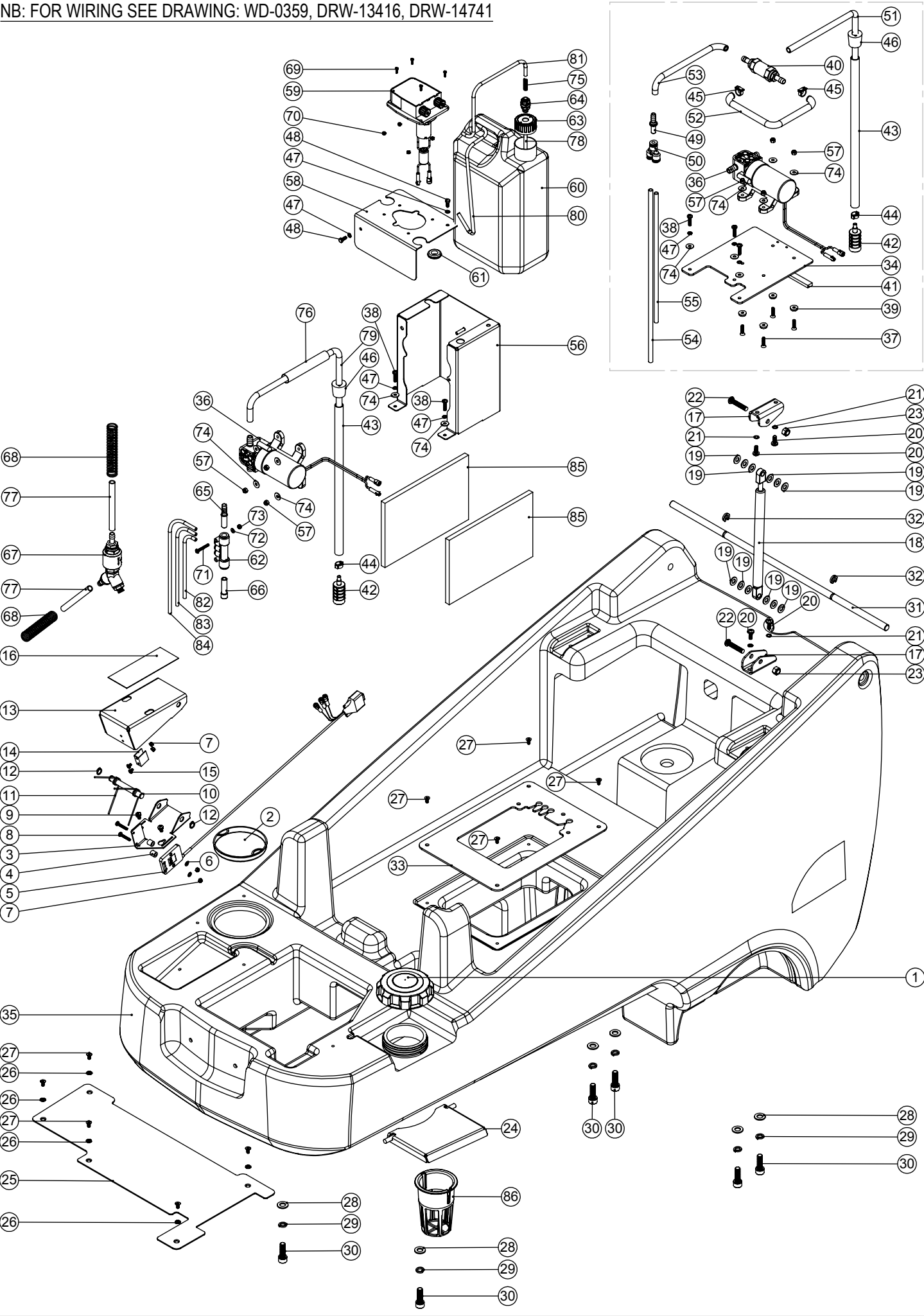
Model No: Vario Bottom Tank / Pump / Pedal Assembly

POS:	ITEM NO:	DESCRIPTION:	COMMENTS:
1	229838	BOTTOM TANK MOULDING	
2	208077	FILLER CAP	
3	219452	100MM DIAMETER HOLE PLUG	
4	207122	BARREL FILTER	
5	206799	3/8 INCH BSP MALE SWIVEL ELBOW X 12MM TUBE	
6	206274	FILTER CONNECTOR	
7	219626	23MM I/D X 2.5MM SECTION O RING	
8	206275	TAP CONNECTOR FITTING	
9	329841	ACCELERATOR HINGE PLATE	
10	219574	NYLON SPACER	
11	206905	ACCELERATOR SENSOR	
12	219206	M4 FORM A WASHER	
13	219083	M4 NYLON INSERT NUT	
14	219267	M4 X 20MM LONG POZI PAN SEMS SCREW	
15	219047	M5 X 10MM LONG POZI PAN SEMS SCREW	
16	208046	CIRCLIP BAR	
17	208047	TORSION SPRING (LEFT HAND)	
18	219586	10MM EXTERNAL CIRCLIP	
19	329840	ACCELERATOR PEDAL	
20	404051	GILL SENSOR ACTIVATOR PLATE (PAINTED ANTHRACITE GREY)	
21	219697	M4 X 8MM LONG POZI PAN STAINLESS STEEL SCREW	
22	391222	ACCELERATOR GRIP PAD	
23	303800	PROCESSED DOSING TANK MOULDING	
24	391219	SUPER FLEXIBLE NYLON TUBE I/D 4.0MM X O/D 6.0MM CUT TO LENGTH (30MM)	
25	303827	PROCESSED BLUE CAP	
26	208032	6MM BULKHEAD CONNECTOR	
27	329893	GAS STRUT BRACKET	
28	208042	GAS STRUT	
29	219010	M8 FORM A WASHER	
30	219618	M6 X 16MM LONG POZI PAN SCREW	
31	219544	M6 SHAKEPROOF WASHER	
32	219865	M8 X 40MM LONG SOCKET BOLT	
33	219078	M8 NYLON INSERT NUT	
34	303822	FILLER CAP COVER WELDED ASSEMBLY	
35	329839	FLOOR PLATE	
36	219972	M5 COUNTERSUNK EXTERNAL SHAKEPROOF WASHER	
37	291008	M5 X 10MM LONG POZI PAN COUNTERSUNK STAINLESS STEEL SCREW	
38	329891	RIDE-ON PUMP ASSEMBLY BRACKET (SEKO PUMP)	
39	321406	WATER PUMP & LEAD ASSEMBLY	
40	321663	DETERGENT PUMP & SOLDERED LEAD ASSEMBLY	
41	208031	3 WAY MANIFOLD (10MM DIAMETER INPUT / 6MM DIAMETER OUTPUT)	
42	206818	HOSE CLIP	
43	208035	10MM X 8MM BARBED CONNECTOR	
44	208118	NONE RETURN VALVE ASSEMBLY	
45	208034	10MM BLANKING PLUG	
46	391218	SUPER FLEXIBLE NYLON TUBE I/D 4.0MM X O/D 6.0MM CUT TO LENGTH (1500MM)	
47	391216	SILICON TUBE 600MM LONG X 8MM I/D X 3.2MM WALL SECTION	
48	391220	SUPER FLEXIBLE NYLON TUBE I/D 4.0MM X O/D 6.0MM CUT TO LENGTH (820MM)	
49	391215	SILICON TUBE 200MM LONG X 8MM I/D X 3.2MM WALL SECTION	
50	391214	SILICON TUBE 190MM LONG X 8MM I/D X 3.2MM WALL SECTION	
51	391217	SUPER FLEXIBLE NYLON TUBE I/D 4.0MM X O/D 6.0MM CUT TO LENGTH (135MM)	
52	219005	M5 FORM G WASHER	
53	219076	M5 NYLON INSERT NUT	
54	219282	M5 X 16MM LONG POZI PAN COUNTERSUNK SCREW	
55	219321	M4 X 30MM LONG POZI PAN SCREW	
56	221151	M4 X 12MM LONG POZI PAN SCREW	
57	219012	M10 FORM E WASHER	
58	219349	M10 SINGLE COIL WASHER	
59	219966	M10 X 30 FULLY THREADED SOCKET	
60	208071	TOP TANK PIVOT TUBE	
61	208072	PLASTIC FIXING RING	
62	404035	RIDE ON PUMP COVER PLATE (PAINTED GREY)	
63	219330	M5 X 12MM LONG POZI PAN COUNTERSUNK SCREW	
64	219934	GROMMET	
65	391228	210MM LONG SELF ADHESIVE CABLE DUCTING	
66	227998	260MM LONG SOLUTION TUBE	

Numatic International Spare Parts

Model No: TTV678 & TRO650 Bottom Tank / Pump / Pedal Assembly

NB: FOR WIRING SEE DRAWING: WD-0359, DRW-13416, DRW-14741



234610
DRAWING: EXP-1038 ISS:A04
02/09/2011

Numatic International Spare Parts

Model No: TTV678 & TRO650 Bottom Tank / Pump / Pedal Assembly

ITEM:	PART No:	DESCRIPTION	COMMENTS:
1	208077	FILLER CAP	
2	219452	100MM DIAMETER HOLE PLUG	
3	329841	ACCELERATOR HINGE PLATE	
4	219574	NYLON SPACER	
5	206905	ACCELERATOR SENSOR	
6	219206	M4 FORM A WASHER	
7	219083	M4 NYLON INSERT NUT	
8	219267	M4 X 25MM LONG POZI PAN SCREW	
9	219047	M5 X 10MM LONG POZI PAN SEMS SCREW	
10	208046	CIRCLIP BAR	
11	208047	TORSION SPRING (LEFT HAND)	
12	219586	10MM EXTERNAL CIRCLIP	
13	329840	ACCELERATOR PEDAL	
14	404051	GILL SENSOR ACTIVATOR PLATE (PAINTED ANTHRACITE GREY)	
15	219697	M4 X 8MM LONG POZI PAN STAINLESS STEEL SCREW	
16	391222	ACCELERATOR GRIP PAD	
17	329893	GAS STRUT BRACKET	
18	208042	GAS STRUT	
19	219010	WASHER.M8.FORM A.Z/PL	
20	219618	M6 X 16MM LONG POZI PAN SCREW	
21	219544	M6 SHAKEPROOF WASHER	
22	219865	M8 X 40MM LONG SOCKET BOLT	
23	219078	M8 NYLON INSERT NUT	
24	303822	FILLER CAP COVER WELDED ASSEMBLY	
25	329839	FLOOR PLATE	TTV678 & TRO650 ON-BOARD CHARGER TTV678 & TRO650 CHARGERLESS
26	392269	TTV678 FLOOR PLATE	
27	219972	M5 COUNTERSUNK EXTERNAL SHAKEPROOF WASHER	
28	291008	M5 X 10MM LONG POZI PAN COUNTERSUNK STAINLESS STEEL SCREW	
29	219012	M10 FORM E WASHER	
30	219349	M10 SINGLE COIL WASHER	
31	219966	M10 X 30 FULLY THREADED SOCKET	
32	208071	TOP TANK PIVOT TUBE	
33	208072	PLASTIC FIXING RING	
34	-	-	
35	237536	TRO WATER PUMP PLATE	
36	237564	TRO-650 BOTTOM TANK MOULDING	
37	323118	TRO650 BOTTOM TANK MOULDING (EP)	WITHOUT LOGO
38	323118	WATER PUMP & LEAD ASSEMBLY	
39	219331	M5 X 20MM LONG POZI PAN COUNTERSUNK SCREW	TRO650
40	219571	M5 X 20MM LONG POZI PAN STAINLESS STEEL SCREW	TRO650
41	219573	SCREW INSULATOR	TRO650
42	304484	NON RETURN VALVE ASSEMBLY	TRO650
43	212267	12MM WIDE 6MM THICK INSEAL (150mm)	TRO650
44	208360	WEIGHTED FILTER	
45	208793	TRO CLEAN WATER PIPE SLEEVE	
46	219149	O CLIP 9-11MM	
47	208840	NYLON HOSE CLAMP 12.0MM-13.8MM	
48	304491	PROCESSED 23MM-27MM CONICAL STOPPER	
49	291084	WASHER.M5.SHAKEPROOF.STAINLESS STEEL	TRO650
50	219498	M5 X 12MM LONG STAINLESS STEEL HEX SCREW	
51	206796	BARBED CONNECTOR	TRO650
52	208851	8MM X 8MM EQUAL Y PIECE	TRO650
53	391497	CLEAR PVC HOSE CUT TO LENGTH (665mm)	TRO650
54	391494	SILICON TUBE 8MM I/D X 3.2MM WALL SECTION (CUT 370MM)	TRO650
55	391498	SILICON TUBE 8MM I/D X 3.2MM WALL SECTION (CUT 250MM)	TRO650
56	391504	800MM LONG X 6MM I/D X 8MM O/D FLEXIBLE NYLON TUBE	TRO650
57	391503	600MM LONG X 6MM I/D X 8MM O/D FLEXIBLE NYLON TUBE	TRO650
58	304508	NUTSERTED TTV678 PUMP HOUSING WELD STUDS ASSEMBLY PAINTED SILVER GREY	TTV678
59	291035	M5 NYLON INSERT NUT (STAINLESS STEEL)	
60	-	-	TTV678
61	321663	DETERGENT PUMP & SOLDERED LEAD ASSEMBLY	TTV678
62	208320	5 LITRE PLASTIC CONTAINER	TTV678
63	219735	GROMMET	TTV678
64	208031	3 WAY MANIFOLD (10MM DIAMETER INPUT / 6MM DIAMETER OUTPUT)	TTV678
65	303827	PROCESSED BLUE CAP	TTV678
66	208032	6MM BULKHEAD CONNECTOR	TTV678
67	208035	10MM X 8MM BARBED CONNECTOR	TTV678
68	208034	10MM BLANKING PLUG	TTV678
69	208118	NON RETURN VALVE ASSEMBLY	TTV678
70	219333	COMPRESSION SPRING	TTV678
71	219236	M3 X 10MM LONG SLOT SCREW	TTV678
72	219070	M3 NYLON INSERT NUT	TTV678
73	219913	M4 X 30MM LONG POZI PAN STAINLESS STEEL SCREW	TTV678
74	219688	M4 FORM A STAINLESS STEEL WASHER	TTV678
75	219687	M4 STAINLESS STEEL NYLON INSERT NUT	TTV678
76	219644	M5 FORM G STAINLESS STEEL WASHER	TTV678
77	208880	25MM COMPRESSION SPRING	TTV678
78	208094	PB10MM X 110MM LONG / SEALED ENDS / BLACK POLYESTER BRAIDING	TTV678
79	391513	SILICON TUBE 8MM I/D X 3.2MM WALL SECTION (CUT 110MM)	TTV678
80	391358	315MM LONG X 4MM I/D X 6MM O/D FLEXIBLE NYLON TUBE	TTV678
81	391514	CLEAR PVC HOSE CUT TO LENGTH (1200mm)	TTV678
82	391516	330MM LONG X 4MM I/D X 6MM O/D FLEXIBLE NYLON TUBE	TTV678
83	391517	330MM LONG X 4MM I/D X 6MM O/D FLEXIBLE NYLON TUBE	TTV678
84	391517	610MM LONG X 4MM I/D X 6MM O/D FLEXIBLE NYLON TUBE	TTV678
85	391518	720MM LONG X 4MM I/D X 6MM O/D FLEXIBLE NYLON TUBE	TTV678
86	391519	840MM LONG X 4MM I/D X 6MM O/D FLEXIBLE NYLON TUBE	TTV678
87	208645	FOAM BATTERY SPACER	TTV678
88	208790	BOTTOM TANK FILLING FILTER	



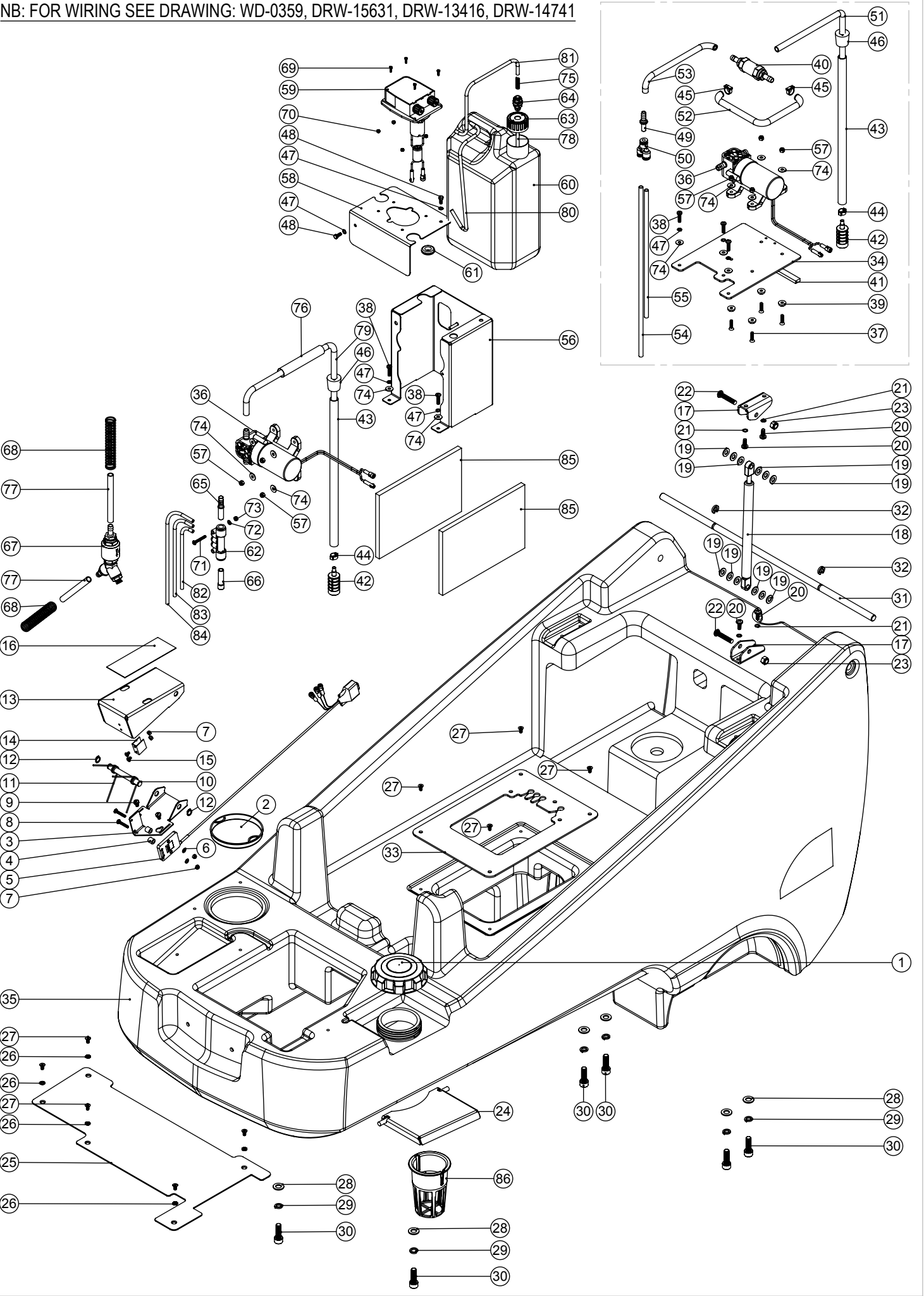
WARNING
Seek guidance from Numatic team before use.
Technical information supplied as guidance for use by suitably qualified personnel only.
Numatic International Limited accepts no liability for misuse or negligence.



Numatic International Spare Parts

Model No: TTV678 & TRO650 Bottom Tank / Pump / Pedal Assembly

NB: FOR WIRING SEE DRAWING: WD-0359, DRW-15631, DRW-13416, DRW-14741



234610
DRAWING: EXP-1038 ISS:A05
28/03/2014

Numatic International Spare Parts

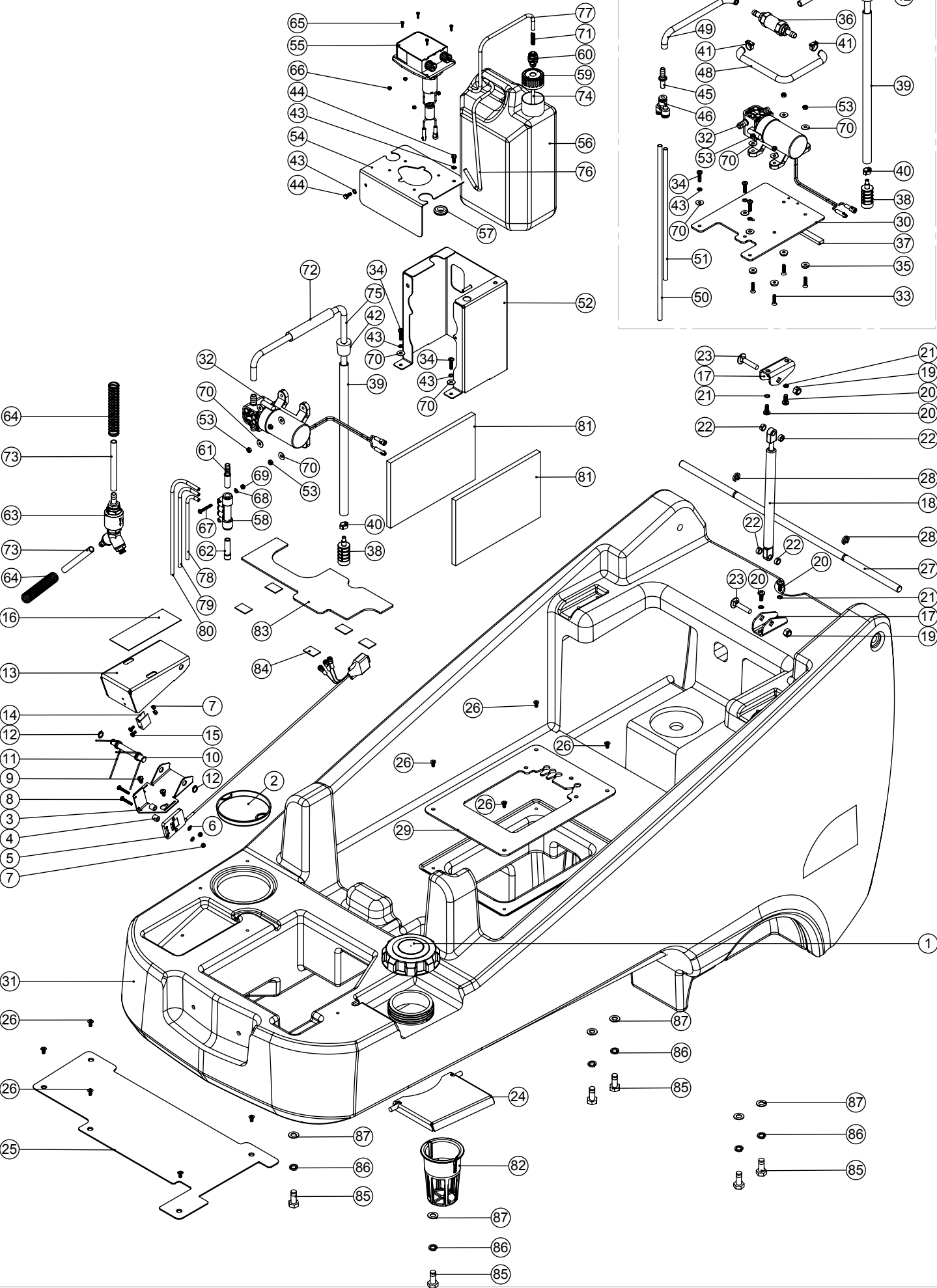
Model No: TTV678 & TRO650 Bottom Tank / Pump / Pedal Assembly

ITEM:	PART No:	DESCRIPTION	COMMENTS:
1	208077	FILLER CAP	
2	219452	100MM DIAMETER HOLE PLUG	
3	329841	ACCELERATOR HINGE PLATE	
4	219574	NYLON SPACER	
5	206905	ACCELERATOR SENSOR	
6	219206	M4 FORM A WASHER	
7	219083	M4 NYLON INSERT NUT	
8	219267	M4 X 25MM LONG POZI PAN SCREW	
9	219047	M5 X 10MM LONG POZI PAN SEMS SCREW	
10	208046	CIRCLIP BAR	
11	208047	TORSION SPRING (LEFT HAND)	
12	219586	10MM EXTERNAL CIRCLIP	
13	329840	ACCELERATOR PEDAL	
14	404051	GILL SENSOR ACTIVATOR PLATE (PAINTED ANTHRACITE GREY)	
15	219697	M4 X 8MM LONG POZI PAN STAINLESS STEEL SCREW	
16	391222	ACCELERATOR GRIP PAD	
17	329893	GAS STRUT BRACKET	
18	208042	GAS STRUT	
19	219010	WASHER.M8.FORM A.Z/PL	
20	219618	M6 X 16MM LONG POZI PAN SCREW	
21	219544	M6 SHAKEPROOF WASHER	
22	219865	M8 X 40MM LONG SOCKET BOLT	
23	219078	M8 NYLON INSERT NUT	
24	303822	FILLER CAP COVER WELDED ASSEMBLY	
25	329839	FLOOR PLATE	TTV678 & TRO650 ON-BOARD CHARGER
	392269	TTV678 FLOOR PLATE	TTV678 & TRO650 CHARGERLESS
26	219972	M5 COUNTERSUNK EXTERNAL SHAKEPROOF WASHER	
27	291008	M5 X 10MM LONG POZI PAN COUNTERSUNK STAINLESS STEEL SCREW	
28	219012	M10 FORM E WASHER	
29	219349	M10 SINGLE COIL WASHER	
30	219966	M10 X 30 FULLY THREADED SOCKET	
31	208071	TOP TANK PIVOT TUBE	
32	208072	PLASTIC FIXING RING	
33	304471	TRO NUTSERTED PUMP PLATE	
34	392340	TRO WATER PUMP PLATE	
35	237536	TRO BOTTOM TANK MOULDING	
	237564	TRO650 BOTTOM TANK MOULDING (EP)	WITHOUT LOGO
36	323118	WATER PUMP & LEAD ASSEMBLY	
37	219331	M5 X 20MM LONG POZI PAN COUNTERSUNK SCREW	TRO650
38	219571	M5 X 20MM LONG POZI PAN STAINLESS STEEL SCREW	TRO650
39	219573	SCREW INSULATOR	TRO650
40	304484	NON RETURN VALVE ASSEMBLY	TRO650
41	212267	12MM WIDE 6MM THICK INSEAL (150mm)	TRO650
42	208360	WEIGHTED FILTER	
43	208793	TRO CLEAN WATER PIPE SLEEVE	
44	219149	O CLIP 9-11MM	
45	208840	NYLON HOSE CLAMP 12.0MM-13.8MM	
46	304491	PROCESSED 23MM-27MM CONICAL STOPPER	
47	291084	WASHER.M5.SHAKEPROOF.STAINLESS STEEL	TRO650
48	219498	M5 X 12MM LONG STAINLESS STEEL HEX SCREW	
49	206796	BARBED CONNECTOR	TRO650
50	208851	8MM X 8MM EQUAL Y PIECE	TRO650
51	391497	CLEAR PVC HOSE CUT TO LENGTH (665mm)	TRO650
52	391494	SILICON TUBE 8MM I/D X 3.2MM WALL SECTION (CUT 370MM)	TRO650
53	391498	SILICON TUBE 8MM I/D X 3.2MM WALL SECTION (CUT 250MM)	TRO650
54	391504	800MM LONG X 6MM I/D X8MM O/D FLEXIBLE NYLON TUBE	TRO650
55	391503	600MM LONG X 6MM I/D X8MM O/D FLEXIBLE NYLON TUBE	TRO650
56	304508	NUTSERTED TTV678 PUMP HOUSING WELD STUDS ASSEMBLY PAINTED SILVER GREY	TTV678
57	291035	M5 NYLON INSERT NUT (STAINLESS STEEL)	
58	404200	TTV678 PUMP HOUSING COVER PAINTED SILVER GREY	TTV678
59	321663	DETERGENT PUMP & SOLDERED LEAD ASSEMBLY	TTV678
60	208320	5 LITRE PLASTIC CONTAINER	TTV678
61	219735	GROMMET	TTV678
62	208031	3 WAY MANIFOLD (10MM DIAMETER INPUT / 6MM DIAMETER OUTPUT)	TTV678
63	303827	PROCESSED BLUE CAP	TTV678
64	208032	6MM BULKHEAD CONNECTOR	TTV678
65	208035	10MM X 8MM BARBED CONNECTOR	TTV678
66	208034	10MM BLANKING PLUG	TTV678
67	208118	NON RETURN VALVE ASSEMBLY	TTV678
68	219333	COMPRESSION SPRING	TTV678
69	219236	M3 X 10MM LONG SLOT SCREW	TTV678
70	219070	M3 NYLON INSERT NUT	TTV678
71	219913	M4 X 30MM LONG POZI PAN STAINLESS STEEL SCREW	TTV678
72	219688	M4 FORM A STAINLESS STEEL WASHER	TTV678
73	219687	M4 STAINLESS STEEL NYLON INSERT NUT	TTV678
74	219644	M5 FORM G STAINLESS STEEL WASHER	TTV678
75	208880	25MM COMPRESSION SPRING	TTV678
76	208094	PB10MM X 110MM LONG / SEALED ENDS / BLACK POLYESTER BRAIDING	TTV678
77	391513	SILICON TUBE 8MM I/D X 3.2MM WALL SECTION (CUT 110MM)	TTV678
78	391358	315MM LONG X 4MM I/D X 6MM O/D FLEXIBLE NYLON TUBE	TTV678
79	391514	CLEAR PVC HOSE CUT TO LENGTH (1200mm)	TTV678
80	391516	330MM LONG X 4MM I/D X 6MM O/D FLEXIBLE NYLON TUBE	TTV678
81	391516	330MM LONG X 4MM I/D X 6MM O/D FLEXIBLE NYLON TUBE	TTV678
82	391517	610MM LONG X 4MM I/D X 6MM O/D FLEXIBLE NYLON TUBE	TTV678
83	391518	720MM LONG X 4MM I/D X 6MM O/D FLEXIBLE NYLON TUBE	TTV678
84	391519	840MM LONG X 4MM I/D X 6MM O/D FLEXIBLE NYLON TUBE	TTV678
85	208645	FOAM BATTERY SPACER	TTV678
86	208790	BOTTOM TANK FILLING FILTER	

Numatic International Spare Parts

Model No: TTV678 & TRO650 BOTTOM TANK / PUMP / PEDAL ASSEMBLY EXPLODED DRAWING (EXP-1038)

NB: FOR WIRING SEE DRAWING: WD-0359, DRW-15631, DRW-13416, DRW-14741



Internal Code: 234610
DRAWING: EXP-1038 ISS:A07
PRO 03/11/2015

Numatic International Spare Parts

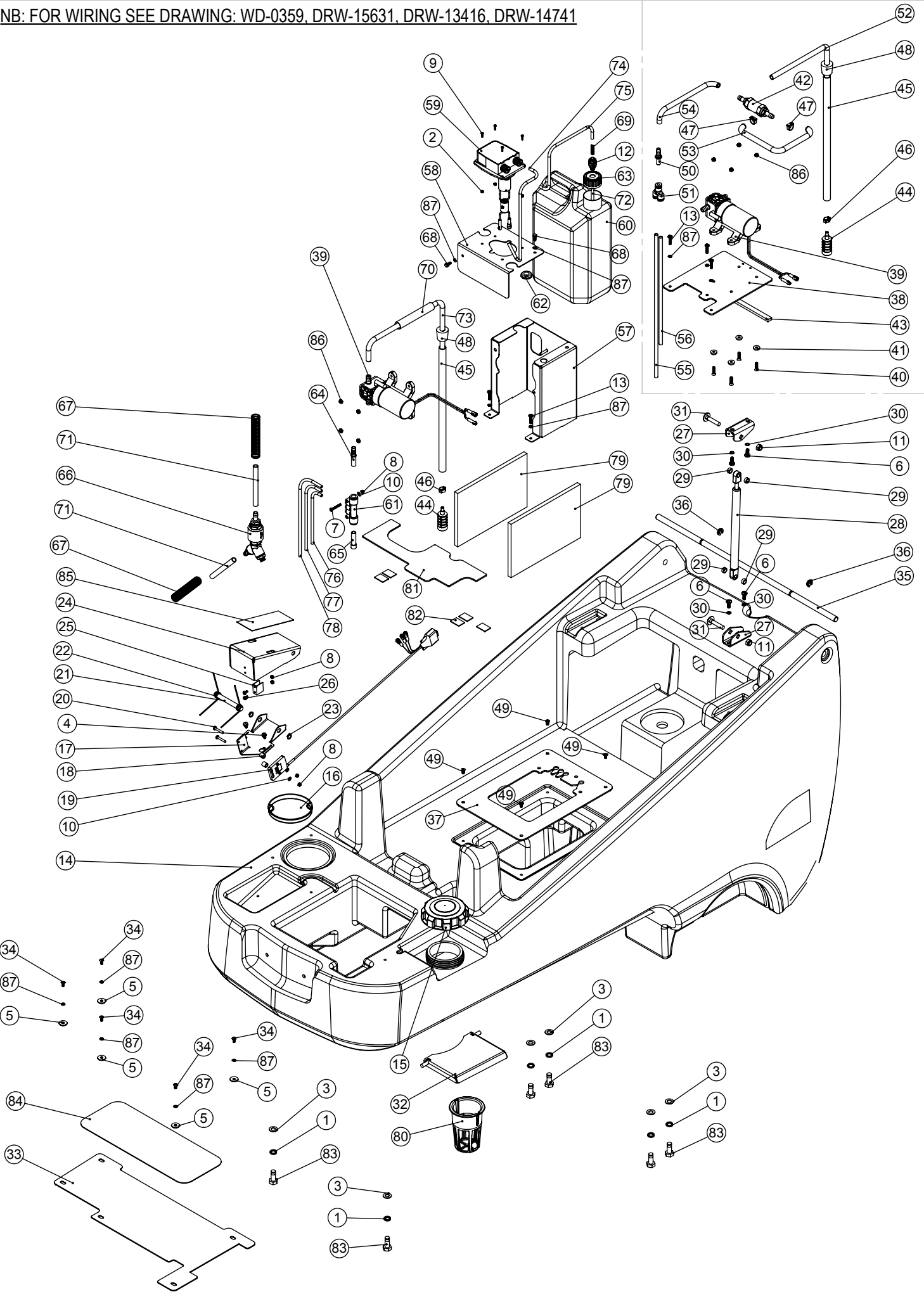
Model No: TTV678 & TRO650 BOTTOM TANK / PUMP / PEDAL ASSEMBLY EXPLODED DRAWING (EXP-1038)

ITEM:	PART No:	DESCRIPTION	COMMENTS:	QTY
1	208077	FILLER CAP		1
2	219452	100MM DIAMETER HOLE PLUG		1
3	329841	ACCELERATOR HINGE PLATE		1
4	219574	NYLON SPACER		2
5	206905	ACCELERATOR CENSOR		1
6	219206	M4 FORM A WASHER		2
7	219083	M4 NYLON INSERT NUT		4
8	219267	M4 X 25MM LONG POZI PAN SCREW		2
9	219047	M5 X 10MM LONG POZI PAN SEMS SCREW		2
10	208046	CIRCLIP BAR		1
11	208047	TORSION SPRING (LEFT HAND)		2
12	219586	10MM EXTERNAL CIRCLIP		2
13	329840	ACCELERATOR PEDAL COVER		1
14	404051	GILL SENSOR ACTIVATOR PLATE (PAINTED ANTHRACITE GREY)		1
15	219697	M4 X 8MM LONG POZI PAN STAINLESS STEEL SCREW		2
16	391222	ACCELERATOR GRIP PAD		1
17	392455	GAS STRUT BRACKET - CARRIAGE BOLT		2
18	208042	GAS STRUT		1
19	219639	M8 STAINLESS STEEL NYLON INSERT NUT		2
20	219618	M6 X 16MM LONG POZI PAN SCREW		4
21	219544	M6 SHAKEPROOF WASHER		4
22	291121	NYLON SPACER I/D 8.2MM X O/D 12MM X 5MM LG		4
23	291120	M8 X 40 CARRIAGE BOLT S/S		2
24	303822	FILLER CAP COVER WELDED ASSEMBLY		1
25	329839	FLOOR PLATE	TTV678 & TRO650 ON-BOARD CHARGER	1
	392269	TTV678 FLOOR PLATE	TTV678 & TRO650 CHARGERLESS	1
26	291008	M5 X 10MM LONG POZI PAN COUNTERSUNK STAINLESS STEEL SCREW		9
27	208071	TOP TANK PIVOT TUBE		1
28	208072	PLASTIC FIXING RING		2
29	304471	TRO NUTSERTED PUMP PLATE		1
30	392340	TRO WATER PUMP PLATE		1
31	237536	TRO BOTTOM TANK MOULDING		1
	237564	TRO650 BOTTOM TANK MOULDING (EP)	WITHOUT LOGO	1
32	323118	WATER PUMP & LEAD ASSEMBLY		2
33	219331	M5 X 20MM LONG POZI PAN COUNTERSUNK SCREW	TRO650	4
34	219571	M5 X 20MM LONG POZI PAN STAINLESS STEEL SCREW	TRO650	5
35	219573	SCREW INSULATOR	TRO650	4
36	304484	NON RETURN VALVE ASSEMBLY	TRO650	1
37	212267	12MM WIDE 6MM THICK INSEAL (150mm)	TRO650	1
38	208360	WEIGHTED FILTER		2
39	208793	TRO CLEAN WATER PIPE SLEEVE		2
40	219149	O CLIP 9-11MM		2
41	208840	NYLON HOSE CLAMP 12.0MM-13.8MM		2
42	304491	PROCESSED 23MM-27MM CONICAL STOPPER		2
43	291084	WASHER.M5.SHAKEPROOF.STAINLESS STEEL	TRO650	7
44	219498	M5 X 12MM LONG STAINLESS STEEL HEX SCREW		2
45	206796	BARBED CONNECTOR	TRO650	1
46	208851	8MM X 8MM EQUAL Y PIECE	TRO650	1
47	391497	CLEAR PVC HOSE CUT TO LENGTH (665mm)	TRO650	1
48	391494	SILICON TUBE 8MM I/D X 3.2MM WALL SECTION (CUT 370MM)	TRO650	1
49	391498	SILICON TUBE 8MM I/D X 3.2MM WALL SECTION (CUT 250MM)	TRO650	1
50	391504	800MM LONG X 6MM I/D X8MM O/D FLEXIBLE NYLON TUBE	TRO650	1
51	391503	600MM LONG X 6MM I/D X8MM O/D FLEXIBLE NYLON TUBE	TRO650	1
52	304508	NUTSERTED TTV678 PUMP HOUSING WELD STUDS ASSEMBLY PAINTED SILVER GREY	TTV678	1
53	291035	M5 NYLON INSERT NUT (STAINLESS STEEL)		8
54	404200	TTV678 PUMP HOUSING COVER PAINTED SILVER GREY	TTV678	1
55	321663	DETERGENT PUMP & SOLDERED LEAD ASSEMBLY	TTV678	1
56	208320	5 LITRE PLASTIC CONTAINER	TTV678	1
57	219735	GROMMET	TTV678	1
58	208031	3 WAY MANIFOLD (10MM DIAMETER INPUT / 6MM DIAMETER OUTPUT)	TTV678	1
59	303827	PROCESSED BLUE CAP	TTV678	1
60	208032	6MM BULKHEAD CONNECTOR	TTV678	1
61	208035	10MM X 8MM BARBED CONNECTOR	TTV678	1
62	208034	10MM BLANKING PLUG	TTV678	1
63	208118	NON RETURN VALVE ASSEMBLY	TTV678	1
64	219333	COMPRESSION SPRING	TTV678	2
65	219236	M3 X 10MM LONG SLOT SCREW	TTV678	4
66	219070	M3 NYLON INSERT NUT	TTV678	4
67	219913	M4 X 30MM LONG POZI PAN STAINLESS STEEL SCREW	TTV678	1
68	219688	M4 FORM A STAINLESS STEEL WASHER	TTV678	1
69	219687	M4 STAINLESS STEEL NYLON INSERT NUT	TTV678	1
70	219644	M5 FORM G STAINLESS STEEL WASHER	TTV678	13
71	208880	25MM COMPRESSION SPRING	TTV678	1
72	208094	PB10MM X 110MM LONG / SEALED ENDS / BLACK POLYESTER BRAIDING	TTV678	1
73	391513	SILICON TUBE 8MM I/D X 3.2MM WALL SECTION (CUT 110MM)	TTV678	2
74	391358	315MM LONG X 4MM I/D X 6MM O/D FLEXIBLE NYLON TUBE	TTV678	1
75	391514	CLEAR PVC HOSE CUT TO LENGTH (1200mm)	TTV678	1
76	391516	330MM LONG X 4MM I/D X 6MM O/D FLEXIBLE NYLON TUBE	TTV678	1
77	391516	330MM LONG X 4MM I/D X 6MM O/D FLEXIBLE NYLON TUBE	TTV678	1
78	391517	610MM LONG X 4MM I/D X 6MM O/D FLEXIBLE NYLON TUBE	TTV678	1
79	391518	720MM LONG X 4MM I/D X 6MM O/D FLEXIBLE NYLON TUBE	TTV678	1
80	391519	840MM LONG X 4MM I/D X 6MM O/D FLEXIBLE NYLON TUBE	TTV678	1
81	208645	FOAM BATTERY SPACER	TTV678	2
82	208790	BOTTOM TANK FILLING FILTER		1
83	392463	TTV.678.3MM POLYPROPYLENE COVER	TTV678	1
84	280022	19MM X 27MM DOUBLE SIDED PAD	TTV678	5
85	291141	M10 X 25MM LG HEX HEAD SCREW STAINLESS STEEL C/W THREADLOCK		6
86	219899	M10 SINGLE COIL STAINLESS STEEL WASHER		6
87	219903	M10 FORM A STAINLESS STEEL WASHER		6

Numatic International Spare Parts

Model No: TTV678/300 & TRO650 BOTTOM TANK / PUMP / PEDAL ASSEMBLY EXPLODED DRAWING

NB: FOR WIRING SEE DRAWING: WD-0359, DRW-15631, DRW-13416, DRW-14741



Internal Code: 905579
DRAWING: DRW-24896 ISS:A03
PRO 15/09/2017

Numatic International Spare Parts

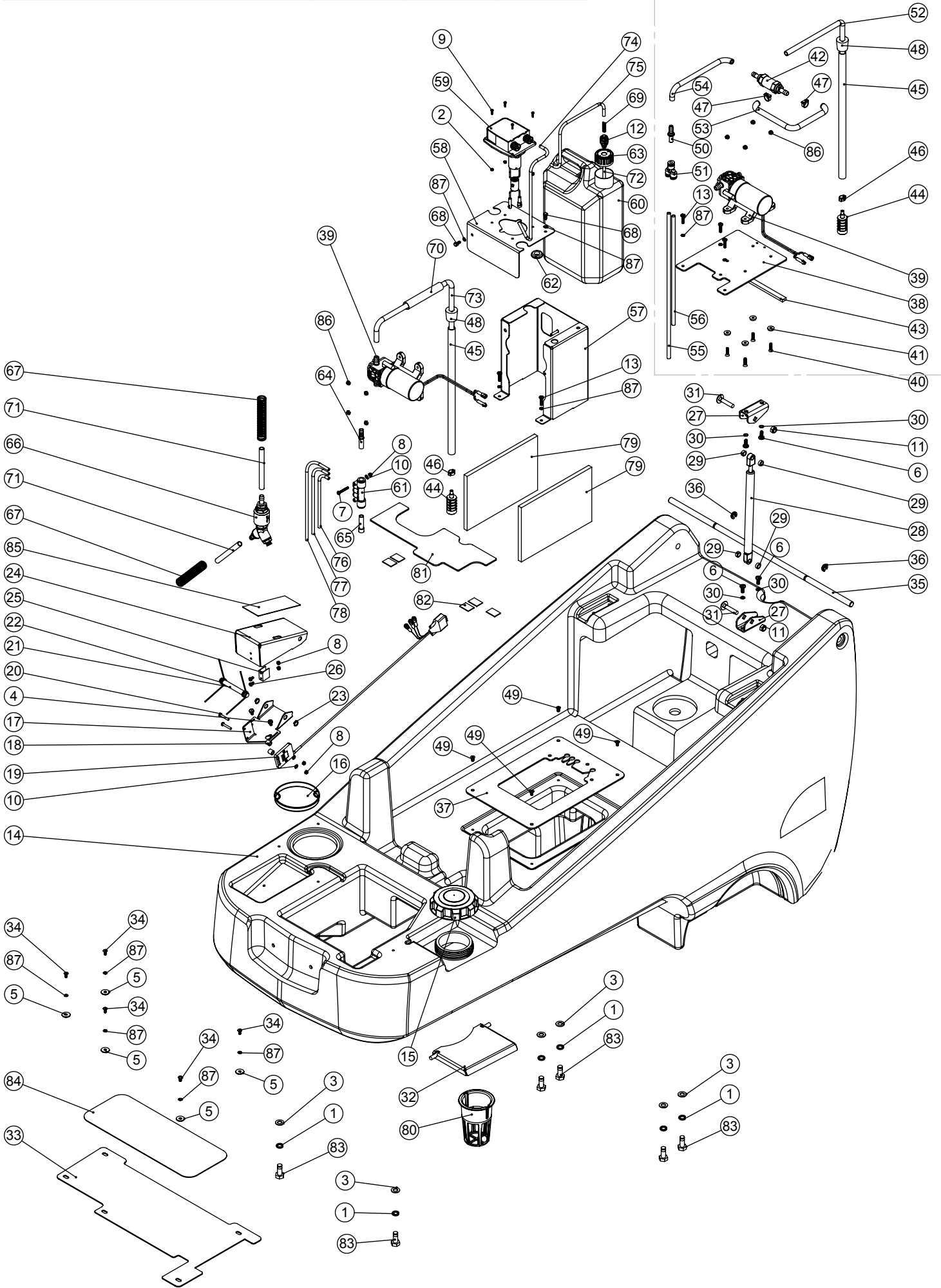
Model No: TTV678/300 & TRO650 BOTTOM TANK / PUMP / PEDAL ASSEMBLY EXPLODED DRAWING

ITEM NO.	PART No:	DESCRIPTION	COMMENTS:	QTY.
1	219899	M10 SINGLE COIL STAINLESS STEEL WASHER		6
2	291154	M3 NYLON INSERT NUT STAINLESS STEEL	TTV678	4
3	219903	M10 FORM A STAINLESS STEEL WASHER		6
4	291135	M5 X 10MM LONG STAINLESS STEEL POZI PAN SEMS SCREW		2
5	291118	M5 STAINLESS STEEL WASHER 19MM OD		5
6	219646	M6 X 16MM LONG POZI PAN STAINLESS STEEL SCREW		4
7	219913	M4 X 30MM LONG POZI PAN STAINLESS STEEL SCREW	TTV678	1
8	219687	M4 STAINLESS STEEL NYLON INSERT NUT	TTV678	5
9	902534	M3 X 10MM LONG POZI PAN SCREW STAINLESS STEEL	TTV678	4
10	219688	M4 FORM A STAINLESS STEEL WASHER		3
11	219639	M8 STAINLESS STEEL NYLON INSERT NUT		2
12	208032	6MM BULKHEAD CONNECTOR	TTV678	1
13	219571	M5 X 20MM LONG POZI PAN STAINLESS STEEL SCREW	TRO650	5
14	237536	TRO BOTTOM TANK MOULDING		1
	237564	TRO650 BOTTOM TANK MOULDING (EP)	WITHOUT LOGO	1
15	208077	FILLER CAP		1
16	219452	100MM DIAMETER HOLE PLUG		1
17	329841	ACCELERATOR HINGE PLATE		1
18	219574	NYLON SPACER		2
19	206905	ACCELERATOR SENSOR		1
20	291165	M4 X 25MM LONG POZI SCREW STAINLESS STEEL		2
21	208046	CIRCLIP BAR		1
22	208047	TORSION SPRING (LEFT HAND)		2
23	905550	10MM EXTERNAL CIRCLIP ST/ST		2
25	329840	ACCELERATOR PEDAL COVER		1
25	404051	GILL SENSOR ACTIVATOR PLATE (PAINTED ANTHRACITE GREY)		1
26	219697	M4 X 8MM LONG POZI PAN STAINLESS STEEL SCREW		2
27	392455	GAS STRUT BRACKET - CARRIAGE BOLT		2
28	208042	GAS STRUT		1
29	291121	NYLON SPACER I/D 8.2MM X O/D 12MM X 5MM LG		4
30	291060	WASHER M6 SHAKEPROOF STAINLESS STEEL		4
31	291120	M8 X 40 CARRIAGE BOLT S/S		2
32	303822	FILLER CAP COVER WELDED ASSEMBLY		1
33	329839	FLOOR PLATE	TTV678 & TRO650 ON-BOARD CHARGER	1
	392269	TTV678 FLOOR PLATE	TTV678 & TRO650 CHARGERLESS	1
34	291004	M5 X 10MM LONG STAINLESS STEEL BUTTON HEAD SCREW		5
35	208071	TOP TANK PIVOT TUBE		1
36	208072	PLASTIC FIXING RING		2
37	304471	TRO NUTSERTED PUMP PLATE		1
38	392340	TRO WATER PUMP PLATE		1
39	323118	WATER PUMP & LEAD ASSEMBLY		2
40	905558	M5 X 20MM LONG POZI PAN COUNTERSUNK SCREW ST/ST	TRO650	4
41	219573	SCREW INSULATOR	TRO650	4
42	304484	NON RETURN VALVE ASSEMBLY	TRO650	1
43	212267	12MM WIDE 6MM THICK INSEAL (150mm)	TRO650	1
44	208360	WEIGHTED FILTER		2
45	208793	TRO CLEAN WATER PIPE SLEEVE		2
46	219149	O CLIP 9-11MM		2
47	208840	NYLON HOSE CLAMP 12.0MM-13.8MM		2
48	304491	PROCESSED 23MM-27MM CONICAL STOPPER		2
49	291008	M5 X 10MM LONG POZI PAN COUNTERSUNK STAINLESS STEEL SCREW		4
50	206796	BARBED CONNECTOR	TRO650	1
51	208851	8MM X 8MM EQUAL Y PIECE	TRO650	1
52	391497	CLEAR PVC HOSE CUT TO LENGTH (665mm)	TRO650	1
53	391494	SILICON TUBE 8MM I/D X 3.2MM WALL SECTION (CUT 370MM)	TRO650	1
54	391498	SILICON TUBE 8MM I/D X 3.2MM WALL SECTION (CUT 250MM)	TRO650	1
55	391504	800MM LONG X 6MM I/D X8MM O/D FLEXIBLE NYLON TUBE	TRO650	1
56	391503	600MM LONG X 6MM I/D X8MM O/D FLEXIBLE NYLON TUBE	TRO650	1
57	304508	NUTSERTED TTV678 PUMP HOUSING WELD STUDS ASSEMBLY PAINTED SILVER GREY	TTV678	1
58	404200	TTV678 PUMP HOUSING COVER PAINTED SILVER GREY	TTV678	1
59	321663	DETERGENT PUMP & SOLDERED LEAD ASSEMBLY	TTV678	1
60	208320	5 LITRE PLASTIC CONTAINER	TTV678	1
61	208031	3 WAY MANIFOLD (10MM DIAMETER INPUT / 6MM DIAMETER OUTPUT)	TTV678	1
62	219735	GROMMET	TTV678	1
63	303827	PROCESSED BLUE CAP	TTV678	1
64	208035	10MM X 8MM BARBED CONNECTOR	TTV678	1
65	208034	10MM BLANKING PLUG	TTV678	1
66	208118	NON RETURN VALVE ASSEMBLY	TTV678	1
67	219333	COMPRESSION SPRING	TTV678	2
69	219498	M5 X 12MM LONG STAINLESS STEEL HEX SCREW		2
69	208880	25MM COMPRESSION SPRING	TTV678	1
70	208094	PB10MM X 110MM LONG / SEALED ENDS / BLACK POLYESTER BRAIDING	TTV678	1
71	391513	SILICON TUBE 8MM I/D X 3.2MM WALL SECTION (CUT 110MM)	TTV678	2
72	391358	315MM LONG X 4MM I/D X 6MM O/D FLEXIBLE NYLON TUBE	TTV678	1
73	391514	CLEAR PVC HOSE CUT TO LENGTH (1200mm)	TTV678	1
74	391516	330MM LONG X 4MM I/D X 6MM O/D FLEXIBLE NYLON TUBE	TTV678	1
75	391516	330MM LONG X 4MM I/D X 6MM O/D FLEXIBLE NYLON TUBE	TTV678	1
76	391517	610MM LONG X 4MM I/D X 6MM O/D FLEXIBLE NYLON TUBE	TTV678	1
77	391518	720MM LONG X 4MM I/D X 6MM O/D FLEXIBLE NYLON TUBE	TTV678	1
78	391519	840MM LONG X 4MM I/D X 6MM O/D FLEXIBLE NYLON TUBE	TTV678	1
79	208645	FOAM BATTERY SPACER	TTV678	2
80	208790,904197	BOTTOM TANK FILLING FILTER		1
81	392463	TTV.678.3MM POLYPROPYLENE COVER	TTV678	1
82	280022	19MM X 27MM DOUBLE SIDED PAD	TTV678	5
83	291141	M10 X 25MM LG HEX HEAD SCREW STAINLESS STEEL C/W THREADLOCK		6
84	208998	ANTI-SLIP TREAD PAD (SELF ADHESIVE)		1
85	391222	ACCELERATOR GRIP PAD		1
86	291035	M5 NYLON INSERT NUT (STAINLESS STEEL)		8
87	291084	WASHER.M5.SHAKEPROOF.STAINLESS STEEL	TRO650	12

Numatic International Spare Parts

Model No: TTV678/300 & TRO650 BOTTOM TANK / PUMP / PEDAL ASSEMBLY EXPLODED DRAWING

NB: FOR WIRING SEE DRAWING: WD-0359, DRW-15631, DRW-13416, DRW-14741



Internal Code: 905579
DRAWING: DRW-24896 ISS:A05
PRO 16/10/2017

Numatic International Spare Parts

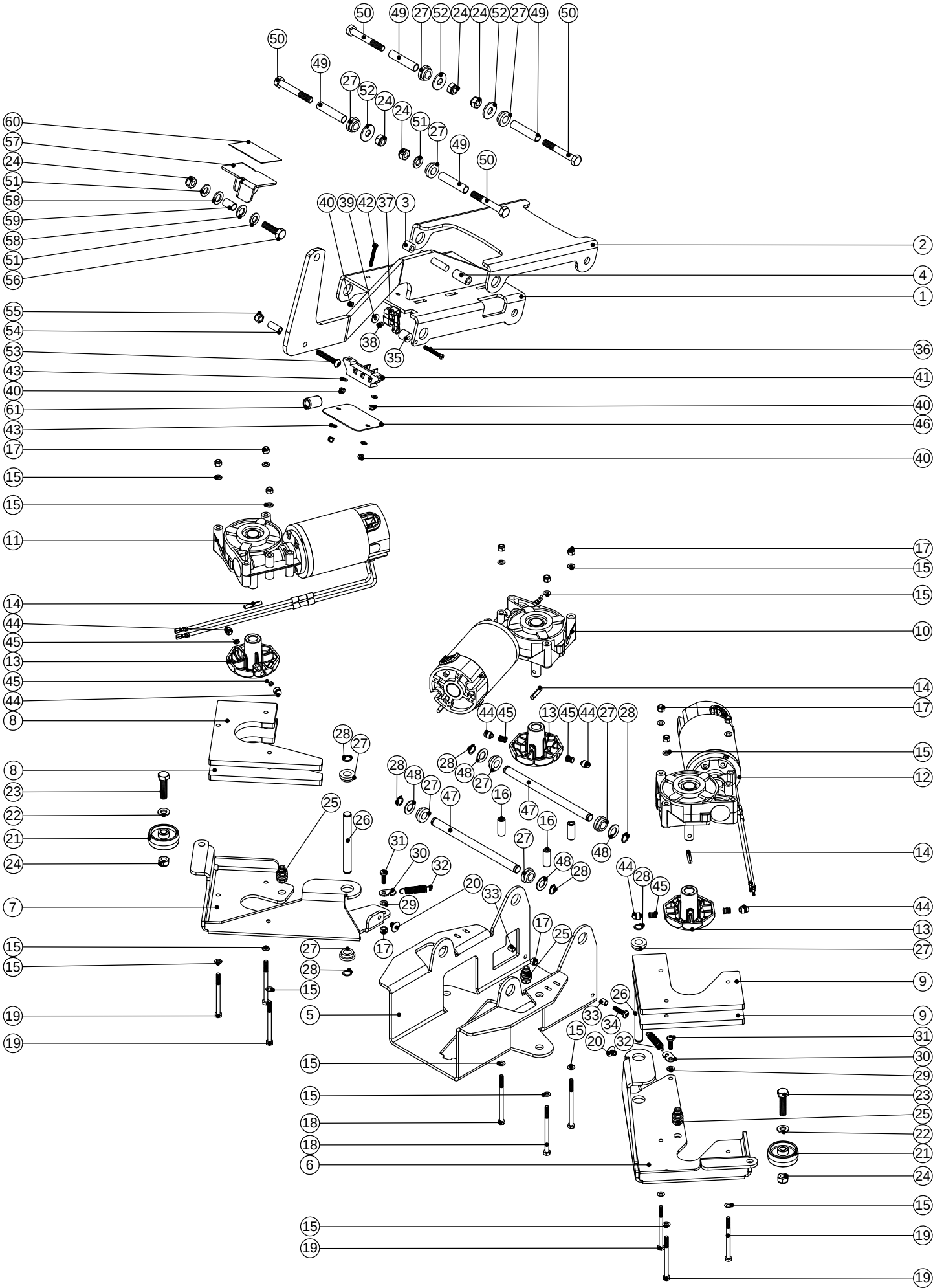
Model No: TTV678/300 & TRO650 BOTTOM TANK / PUMP / PEDAL ASSEMBLY EXPLODED DRAWING

ITEM	PART No:	DESCRIPTION	COMMENTS:	QTY.
1	219899	M10 SINGLE COIL STAINLESS STEEL WASHER		6
2	291154	M3 NYLON INSERT NUT STAINLESS STEEL	TTV678	4
3	219903	M10 FORM A STAINLESS STEEL WASHER		6
4	291135	M5 X 10MM LONG STAINLESS STEEL POZI PAN SEMS SCREW		2
5	291118	M5 STAINLESS STEEL WASHER 19MM OD		5
6	219646	M6 X 16MM LONG POZI PAN STAINLESS STEEL SCREW		4
7	219913	M4 X 30MM LONG POZI PAN STAINLESS STEEL SCREW	TTV678	1
8	219687	M4 STAINLESS STEEL NYLON INSERT NUT	TTV678	5
9	902534	M3 X 10MM LONG POZI PAN SCREW STAINLESS STEEL	TTV678	4
10	219688	M4 FORM A STAINLESS STEEL WASHER		3
11	219639	M8 STAINLESS STEEL NYLON INSERT NUT		2
12	208032	6MM BULKHEAD CONNECTOR	TTV678	1
13	219571	M5 X 20MM LONG POZI PAN STAINLESS STEEL SCREW	TRO650	5
14	237536	TRO BOTTOM TANK MOULDING		1
	237564	TRO650 BOTTOM TANK MOULDING (EP)	WITHOUT LOGO	1
15	904198	FILLER CAP RED	BLACK VERSION 208077	1
16	219452	100MM DIAMETER HOLE PLUG		1
17	329841	ACCELERATOR HINGE PLATE		1
18	219574	NYLON SPACER		2
19	206905	ACCELERATOR CENSOR		1
20	291165	M4 X 25MM LONG POZI SCREW STAINLESS STEEL		2
21	208046	CIRCLIP BAR		1
22	208047	TORSION SPRING (LEFT HAND)		2
23	905550	10MM EXTERNAL CIRCLIP ST/ST		2
24	329840	ACCELERATOR PEDAL COVER		1
25	404051	GILL SENSOR ACTIVATOR PLATE (PAINTED ANTHRACITE GREY)		1
26	219697	M4 X 8MM LONG POZI PAN STAINLESS STEEL SCREW		2
27	392455	GAS STRUT BRACKET - CARRIAGE BOLT		2
28	208042	GAS STRUT		1
29	291121	NYLON SPACER I/D 8.2MM X O/D 12MM X 5MM LG		4
30	291060	WASHER M6 SHAKEPROOF STAINLESS STEEL		4
31	291120	M8 X 40 CARRIAGE BOLT S/S		2
32	303822	FILLER CAP COVER WELDED ASSEMBLY		1
33	329839	FLOOR PLATE	TTV678 & TRO650 ON-BOARD CHARGER	1
	392269	TTV678 FLOOR PLATE	TTV678 & TRO650 CHARGERLESS	1
34	291004	M5 X 10MM LONG STAINLESS STEEL BUTTON HEAD SCREW		5
35	208071	TOP TANK PIVOT TUBE		1
36	208072	PLASTIC FIXING RING		2
37	304471	TRO NUTSERTED PUMP PLATE		1
38	392340	TRO WATER PUMP PLATE		1
39	323118	WATER PUMP & LEAD ASSEMBLY		2
40	905558	M5 X 20MM LONG POZI PAN COUNTERSUNK SCREW ST/ST	TRO650	4
41	219573	SCREW INSULATOR	TRO650	4
42	304484	NON RETURN VALVE ASSEMBLY	TRO650	1
43	212267	12MM WIDE 6MM THICK INSEAL (150mm)	TRO650	1
44	208360	WEIGHTED FILTER		2
45	208793	TRO CLEAN WATER PIPE SLEEVE		2
46	219149	O CLIP 9-11MM		2
47	208840	NYLON HOSE CLAMP 12.0MM-13.8MM		2
48	304491	PROCESSED 23MM-27MM CONICAL STOPPER		2
49	291008	M5 X 10MM LONG POZI PAN COUNTERSUNK STAINLESS STEEL SCREW		4
50	206796	BARBED CONNECTOR	TRO650	1
51	208851	8MM X 8MM EQUAL Y PIECE	TRO650	1
52	391497	CLEAR PVC HOSE CUT TO LENGTH (665mm)	TRO650	1
53	391494	SILICON TUBE 8MM I/D X 3.2MM WALL SECTION (CUT 370MM)	TRO650	1
54	391498	SILICON TUBE 8MM I/D X 3.2MM WALL SECTION (CUT 250MM)	TRO650	1
55	391504	800MM LONG X 6MM I/D X8MM O/D FLEXIBLE NYLON TUBE	TRO650	1
56	391503	600MM LONG X 6MM I/D X8MM O/D FLEXIBLE NYLON TUBE	TRO650	1
57	304508	NUTSERTED TTV678 PUMP HOUSING WELD STUDS ASSEMBLY PAINTED SILVER GREY	TTV678	1
58	404200	TTV678 PUMP HOUSING COVER PAINTED SILVER GREY	TTV678	1
59	321663	DETERGENT PUMP & SOLDERED LEAD ASSEMBLY	TTV678	1
60	208320	5 LITRE PLASTIC CONTAINER	TTV678	1
61	208031	3 WAY MANIFOLD (10MM DIAMETER INPUT / 6MM DIAMETER OUTPUT)	TTV678	1
62	219735	GROMMET	TTV678	1
63	303827	PROCESSED BLUE CAP	TTV678	1
64	208035	10MM X 8MM BARBED CONNECTOR	TTV678	1
65	208034	10MM BLANKING PLUG	TTV678	1
66	208118	NON RETURN VALVE ASSEMBLY	TTV678	1
67	219333	COMPRESSION SPRING	TTV678	2
69	219498	M5 X 12MM LONG STAINLESS STEEL HEX SCREW		2
69	208880	25MM COMPRESSION SPRING	TTV678	1
70	208094	PB10MM X 110MM LONG / SEALED ENDS / BLACK POLYESTER BRAIDING	TTV678	1
71	391513	SILICON TUBE 8MM I/D X 3.2MM WALL SECTION (CUT 110MM)	TTV678	2
72	391358	315MM LONG X 4MM I/D X 6MM O/D FLEXIBLE NYLON TUBE	TTV678	1
73	391514	CLEAR PVC HOSE CUT TO LENGTH (1200mm)	TTV678	1
74	391516	330MM LONG X 4MM I/D X 6MM O/D FLEXIBLE NYLON TUBE	TTV678	1
75	391516	330MM LONG X 4MM I/D X 6MM O/D FLEXIBLE NYLON TUBE	TTV678	1
76	391517	610MM LONG X 4MM I/D X 6MM O/D FLEXIBLE NYLON TUBE	TTV678	1
77	391518	720MM LONG X 4MM I/D X 6MM O/D FLEXIBLE NYLON TUBE	TTV678	1
78	391519	840MM LONG X 4MM I/D X 6MM O/D FLEXIBLE NYLON TUBE	TTV678	1
79	208645	FOAM BATTERY SPACER	TTV678	2
80	904197	BOTTOM TANK FILLING FILTER RED	GREY VERSION 208790	1
81	392463	TTV.678.3MM POLYPROPYLENE COVER	TTV678	1
82	280022	19MM X 27MM DOUBLE SIDED PAD	TTV678	5
83	291141	M10 X 25MM LG HEX HEAD SCREW STAINLESS STEEL C/W THREADLOCK		6
84	208998	ANTI-SLIP TREAD PAD (SELF ADHESIVE)		1
85	903855	ACCELERATOR GRIP PAD (RED)	BLACK VERSION 391222	1
86	291035	M5 NYLON INSERT NUT (STAINLESS STEEL)		8
87	291084	WASHER.M5.SHAKEPROOF.STAINLESS STEEL	TRO650	12

Numatic International Spare Parts

Model No: Vario Brush Deck / Lifting Link Assembly

NB: FOR WIRING SEE DRAWING: WD-0359



234607
DRAWING: EXP-1035 ISS:A01
20/10/2008

Numatic International Spare Parts

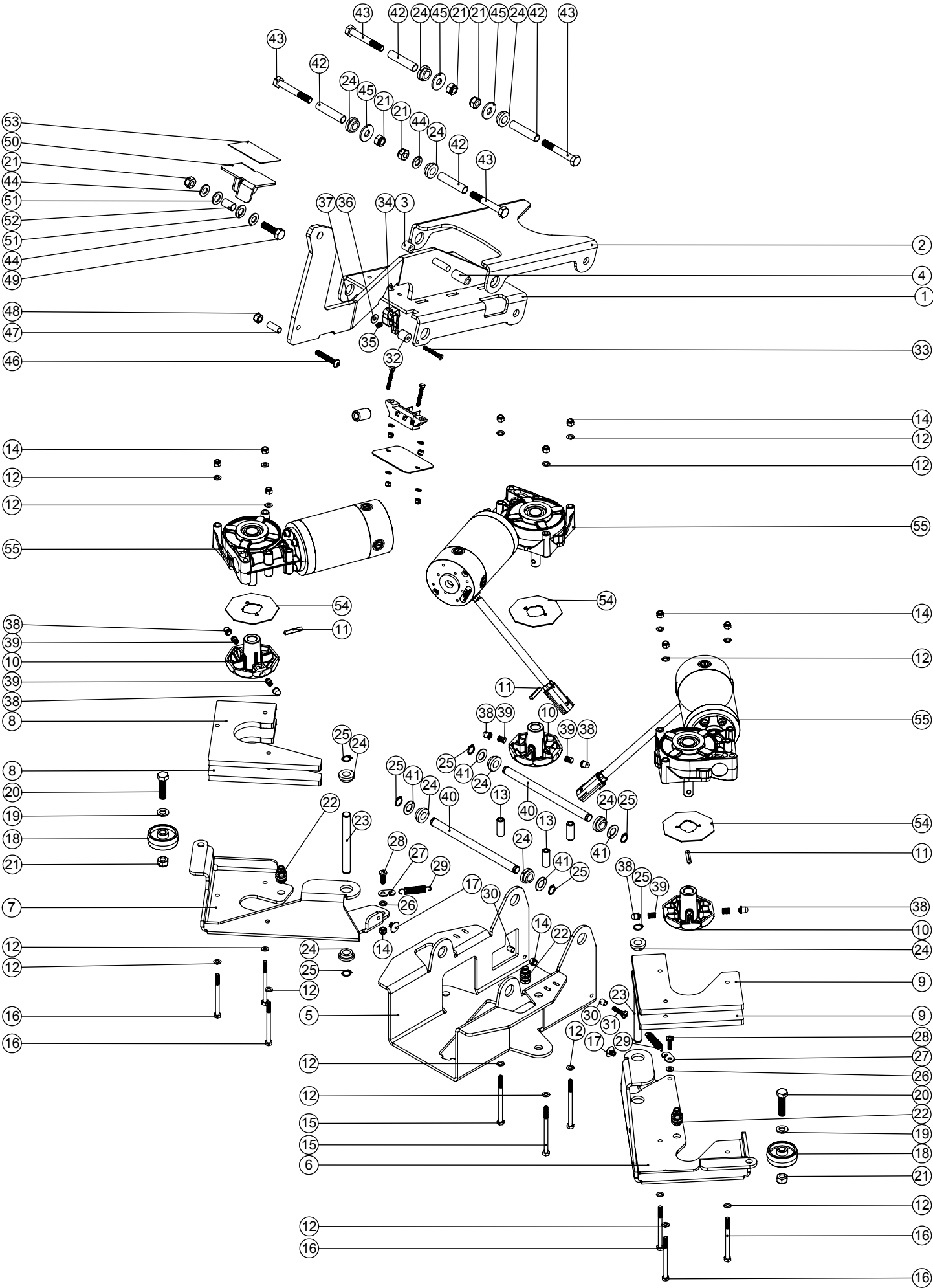
Model No: Vario Brush Deck / Lifting Link Assembly

POS:	ITEM NO:	DESCRIPTION:	COMMENTS:
1	303794	BRUSH DECK PEDAL ARM WELDED ASSEMBLY	
2	329817	BRUSH DECK REAR LINK	
3	391210	15MM LONG SILICON TUBE	
4	391211	30MM LONG SILICON TUBE	
5	329816	BRUSH DECK CENTRE PIVOT	
6	404042	WELDED BRUSH DECK LEFT PIVOT (PAINTED ANTHRACITE GREY)	
7	404043	WELDED BRUSH DECK RIGHT PIVOT (PAINTED ANTHRACITE GREY)	
8	404037	RIGHTHAND BRUSH DECK WEIGHT (PAINTED ANTHRACITE GREY)	
9	404036	LEFTHAND BRUSH DECK WEIGHT (PAINTED ANTHRACITE GREY)	
10	321458	EMD BRUSH DRIVE MOTOR (LEADS EXTENDED 100MM)	
11	321459	EMD BRUSH DRIVE MOTOR (LEADS EXTENDED 400MM)	
12	321460	EMD BRUSH DRIVE MOTOR (LEADS EXTENDED 300MM)	
13	206966	CHUCK CASTING	
14	219523	GROOVED PIN	
15	219007	M6 FORM B WASHER	
16	206851	MOTOR MOUNTING SPACER	
17	219088	M6 NYLON INSERT NUT	
18	219534	M6 X 90MM LONG HEX BOLT	
19	219915	M6 X 80MM LONG STAINLESS STEEL HEXAGONAL HEAD BOLT	
20	208024	PUSH IN BARBED FASTENER	
21	206712	50MM DIAMETER BLACK WHEEL	
22	219449	M10 FORM A WASHER	
23	219589	M10 X 40MM LONG HEX BOLT	
24	219649	M10 NYLON INSERT NUT	
25	208032	6MM BULKHEAD CONNECTOR	
26	206981	BRUSH DECK PIVOT PIN	
27	208058	SHOULDERED BUSH - Ø12.9MM I/D	
28	219151	13MM EXTERNAL CIRCIP	
29	219493	M6 NYLON WASHER	
30	329920	BRUSH DECK SPRING PIVOT BRACKET	
31	219701	M6 X 20MM LONG POZI PAN STAINLESS STEEL SCREW	
32	208050	BRUSH DECK ROTATION SPRING	
33	219843	6MM I/D X 9.5MM LONG SPIROL SPACER (STAINLESS STEEL)	
34	219056	M6 X 25MM LONG POZI PAN SCREW	
35	219587	15.39MM O/D X 5.16MM I/D X 15.88MM LONG NYLON SPACER	
36	219376	M5 X 40MM LONG POZI-COUNTERSUNK SCREW	
37	227587	CENTRE SWITCH OPERATING LEVER MOULDING	
38	219804	SWITCH COMPRESSION SPRING	
39	219005	M5 FORM G WASHER	
40	219076	M5 NYLON INSERT NUT	
41	206788	TERMINAL BLOCK	
42	219971	M5 X 35MM LONG HEXAGONAL HEAD SCREW	
43	219003	M5 FORM A STEEL WASHER	
44	208135	CHUCK DOME	
45	206957	DRIVE SYSTEM SPRING	
46	329922	BRUSH DECK TERMINAL SPLASH GAURD	
47	206980	PIVOT TUBE	
48	219302	M12 FORM B STAINLESS STEEL WASHER	
49	391194	PIVOT TUBE A	
50	219570	M10 X 70MM LONG HEX BOLT	
51	219012	M10 FORM E WASHER	
52	219948	M10 PENNY WASHER	
53	219822	M8 X 45MM LONG SOCKET BUTTON STAINLESS STEEL HEAD BOLT	
54	391191	LEVER PIVOT SPACER (S/S 10MM O/D 8MM I/D X 24MM LONG)	
55	219078	M8 NYLON INSERT NUT	
56	219341	M10 X 35MM LONG HEX BOLT	
57	329807	FOOT PEDAL HINGE BRACKET	
58	219911	PLASTIC WASHER	
59	303811	12.7MM DIAMETER X 18G X 20MM LONG STAINLESS STEEL TUBE	
60	391221	FOOT PEDAL GRIP PAD	
61	230097	AXIAL FERRITE BEAD	

Numatic International Spare Parts

Model No: TTV678 Brush Deck / Lifting Link Assembly

NB: FOR WIRING SEE DRAWING: WD-0359, DRW-15631



234607
DRAWING: EXP-1035 ISS:A01
20/10/2008

Numatic International Spare Parts

Model No: TTV678 Brush Deck / Lifting Link Assembly

ITEM:	PART No:	DESCRIPTION	COMMENTS:
1	404044	BRUSH DECK PEDAL ARM WELDED ASSEMBLY - PAINTED SILVER GREY	
2	329817	BRUSH DECK REAR LINK	
3	391210	SILICON TUBE 15MM LONG X 8MM I/D X 3.2MM WALL SECTION	
4	391211	SILICON TUBE 30MM LONG X 8MM I/D X 3.2MM WALL SECTION	
5	404039	BRUSH DECK CENTRE PIVOT PAINTED SILVER GREY	
6	404042	WELDED BRUSH DECK LEFT PIVOT PAINTED SILVER GREY	
7	404043	WELDED BRUSH DECK RIGHT PIVOT (PAINTED SILVER GREY)	
8	404037	RIDE-ON RH BRUSH DECK WEIGHT PAINTED SILVER GREY	
9	404036	LEFTHAND BRUSH DECK WEIGHT (PAINTED SILVER GREY)	
10	206966	CHUCK CASTING	
11	219523	GROOVED PIN	
12	219007	M6 FORM B WASHER	
13	206851	MOTOR MOUNTING SPACER	
14	219088	M6 NYLON INSERT NUT	
15	219534	M6 X 90MM LONG HEX BOLT	
16	219915	M6 X 80MM LONG STAINLESS STEEL HEXAGONAL HEAD BOLT	
17	208024	PUSH IN BARBED FASTENER	
18	206712	50MM DIAMETER BLACK WHEEL	
19	219449	M10 FORM A WASHER	
20	219589	M10 X 40MM LONG HEX BOLT	
21	219649	M10 NYLON INSERT NUT	
22	208032	6MM BULKHEAD CONNECTOR	
23	206981	BRUSH DECK PIVOT PIN	
24	208058	SHOULDERED BUSH - Ø12.9MM I/D	
25	219151	13MM EXTERNAL CIRCLIP	
26	219493	M6 NYLON WASHER	
27	329920	BRUSH DECK SPRING PIVOT BRACKET	
28	219701	M6 X 20MM LONG POZI PAN STAINLESS STEEL SCREW	
29	208050	BRUSH DECK ROTATION SPRING	
30	219843	6MM I/D X 9.5MM LONG SPIROL SPACER (STAINLESS STEEL)	
31	219056	M6 X 25MM LONG POZI PAN SCREW	
32	219587	15.39MM O/D X 5.16MM I/D X 15.88MM LONG NYLON SPACER	
33	219376	M5 X 40MM LONG POZI-COUNTERSUNK SCREW	
34	227587	CENTRE SWITCH OPERATING LEVER MOULDING	
35	219804	SWITCH COMPRESSION SPRING	
36	219005	M5 FORM G WASHER	
37	219076	M5 NYLON INSERT NUT	
38	208135	CHUCK DOME	
39	206957	DRIVE SYSTEM SPRING	
40	206980	PIVOT TUBE	
41	219302	M12 FORM B STAINLESS STEEL WASHER	
42	391194	PIVOT TUBE A	
43	219570	M10 X 70MM LONG HEX BOLT	
44	219012	M10 FORM E WASHER	
45	219948	M10 PENNY WASHER	
46	219822	M8 X 45MM LONG SOCKET BUTTON STAINLESS STEEL HEAD BOLT	
47	391191	LEVER PIVOT SPACER (S/S 10MM O/D 8MM I/D X 24MM LONG)	
48	219078	M8 NYLON INSERT NUT	
49	219341	M10 X 35MM LONG HEX BOLT	
50	329807	FOOT PEDAL HINGE BRACKET	
51	219911	PLASTIC WASHER	
52	303811	12.7MM DIAMETER X 18G X 20MM LONG STAINLESS STEEL TUBE	
53	391221	FOOT PEDAL GRIP PAD	
54	392331	OCTO CHUCK PLASTIC COVER	
55	205263	24V DC BRUSH DRIVE PM90 MOTOR/GEARBOX ASSEMBLY (14:1 RATIO) C/W WATERPROOF CONNECTOR	
56	206788	TERMINAL BLOCK	
57	329922	BRUSH DECK TERMINAL SPLASH GAURD	
58	219971	M5 X 35MM LONG HEXAGONAL HEAD SCREW	
59	219003	M5 FORM A STEEL WASHER	
60	230097	AXIAL FERRITE BEAD	



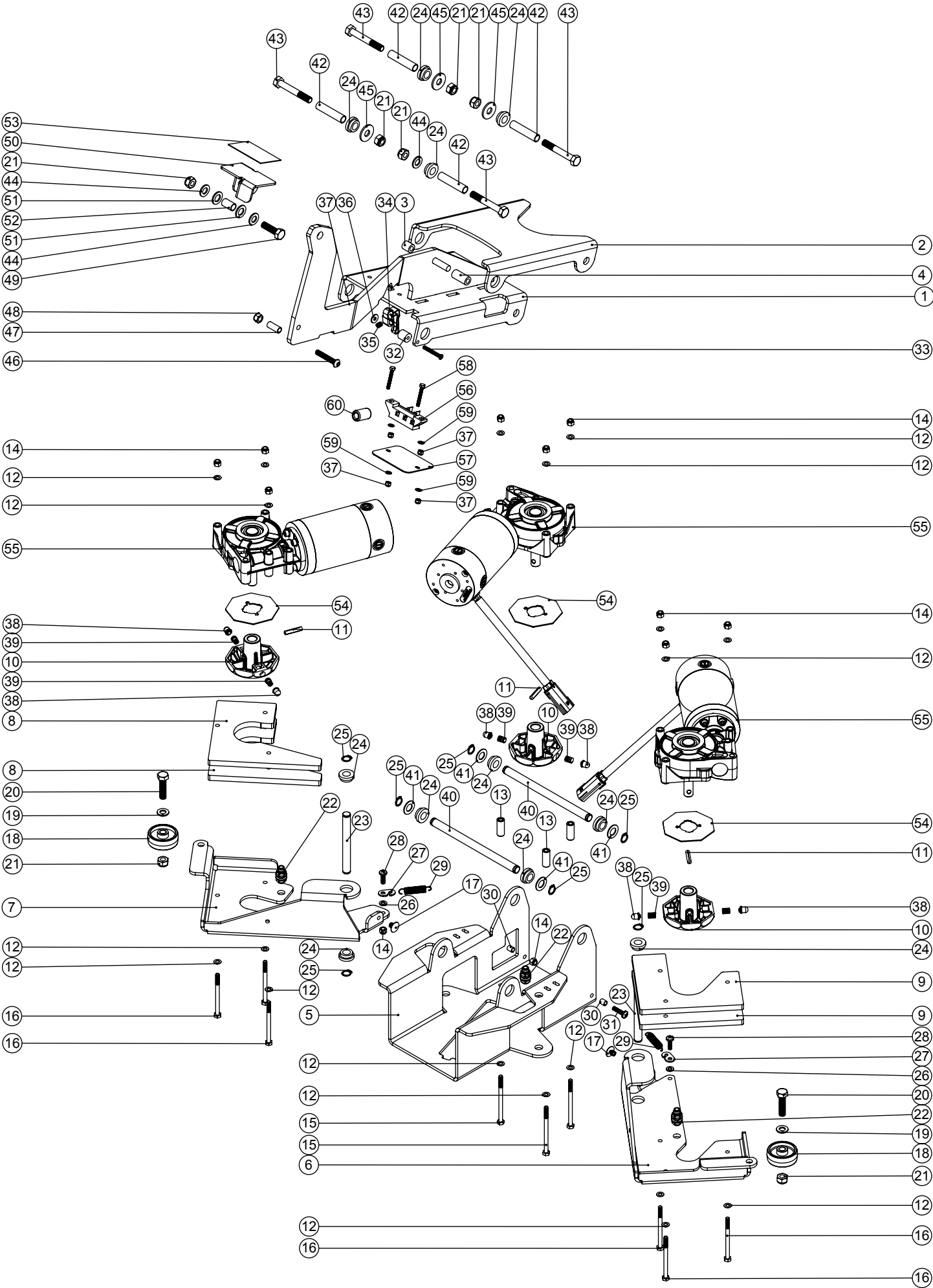
WARNING
Seek guidance from Numatic team before use.
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Numatic International Spare Parts

Model No: TTV678 Brush Deck / Lifting Link Assembly

NB: FOR WIRING SEE DRAWING: WD-0359, DRW-15631



234607
DRAWING: EXP-1035 ISS:A02
28/03/2014

Numatic International Spare Parts

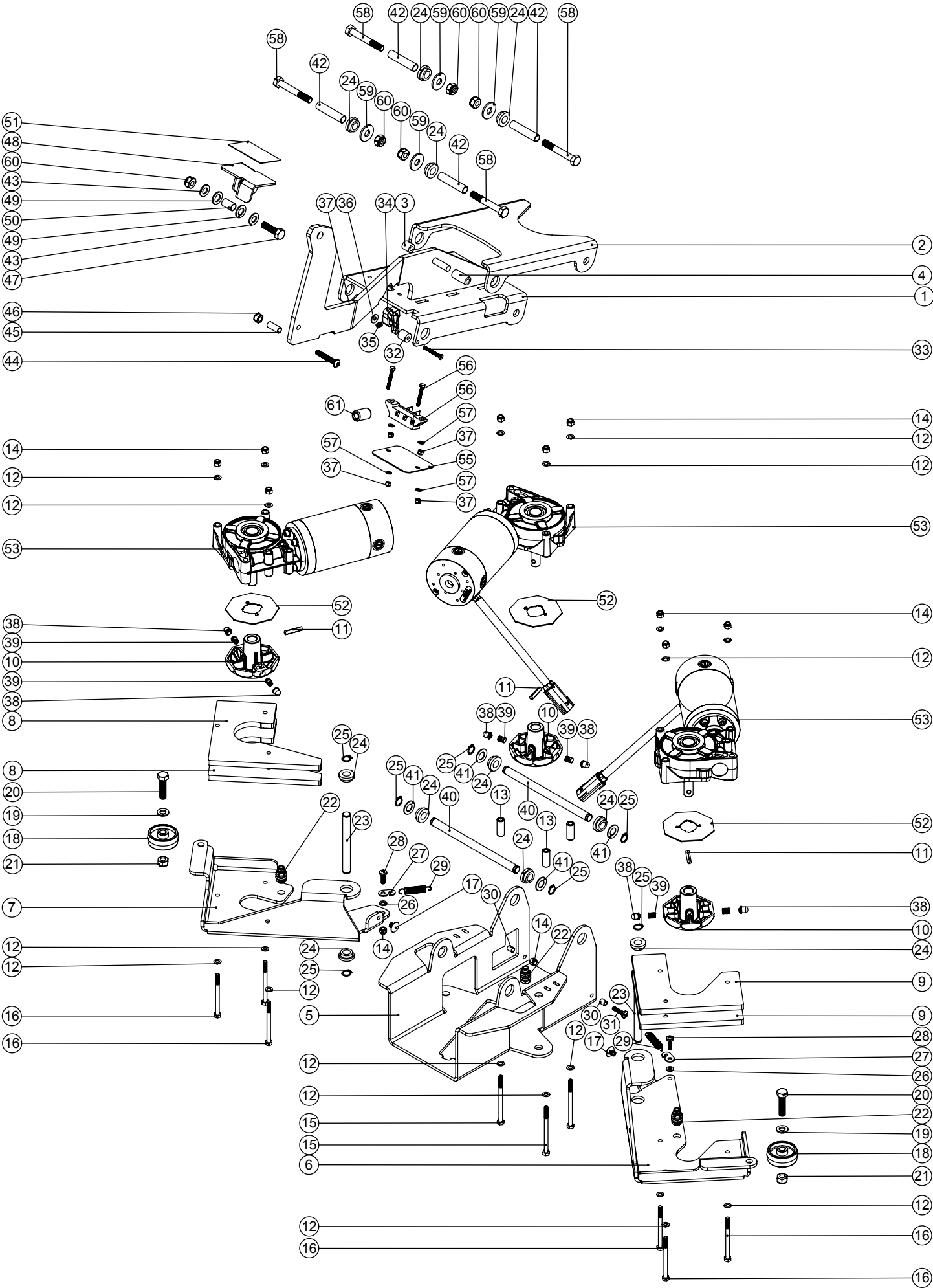
Model No: TTV678 Brush Deck / Lifting Link Assembly

ITEM:	PART No:	DESCRIPTION	COMMENTS:
1	404044	BRUSH DECK PEDAL ARM WELDED ASSEMBLY - PAINTED SILVER GREY	
2	404045	BRUSH DECK REAR LINK - PAINTED SILVER GREY	
3	391210	SILICON TUBE 15MM LONG X 8MM I/D X 3.2MM WALL SECTION	
4	391211	SILICON TUBE 30MM LONG X 8MM I/D X 3.2MM WALL SECTION	
5	404039	BRUSH DECK CENTRE PIVOT PAINTED SILVER GREY	
6	404042	WELDED BRUSH DECK LEFT PIVOT PAINTED SILVER GREY	
7	404043	WELDED BRUSH DECK RIGHT PIVOT (PAINTED SILVER GREY)	
8	404037	RIDE-ON RH BRUSH DECK WEIGHT PAINTED SILVER GREY	
9	404036	LEFTHAND BRUSH DECK WEIGHT (PAINTED SILVER GREY)	
10	206966	CHUCK CASTING	
11	219523	GROOVED PIN	
12	219007	M6 FORM B WASHER	
13	206851	MOTOR MOUNTING SPACER	
14	219088	M6 NYLON INSERT NUT	
15	219534	M6 X 90MM LONG HEX BOLT	
16	219915	M6 X 80MM LONG STAINLESS STEEL HEXAGONAL HEAD BOLT	
17	208024	PUSH IN BARBED FASTENER	
18	206712	50MM DIAMETER BLACK WHEEL	
19	219449	M10 FORM A WASHER	
20	219589	M10 X 40MM LONG HEX BOLT	
21	219649	M10 NYLON INSERT NUT	
22	208032	6MM BULKHEAD CONNECTOR	
23	206981	BRUSH DECK PIVOT PIN	
24	208058	SHOULDERED BUSH - Ø12.9MM I/D	
25	219151	13MM EXTERNAL CIRCLIP	
26	219493	M6 NYLON WASHER	
27	329920	BRUSH DECK SPRING PIVOT BRACKET	
28	219701	M6 X 20MM LONG POZI PAN STAINLESS STEEL SCREW	
29	208050	BRUSH DECK ROTATION SPRING	
30	219843	6MM I/D X 9.5MM LONG SPIROL SPACER (STAINLESS STEEL)	
31	219056	M6 X 25MM LONG POZI PAN SCREW	
32	219587	15.39MM O/D X 5.16MM I/D X 15.88MM LONG NYLON SPACER	
33	219376	M5 X 40MM LONG POZI-COUNTERSUNK SCREW	
34	227587	CENTRE SWITCH OPERATING LEVER MOULDING	
35	219804	SWITCH COMPRESSION SPRING	
36	219005	M5 FORM G WASHER	
37	219076	M5 NYLON INSERT NUT	
38	208135	CHUCK DOME	
39	206957	DRIVE SYSTEM SPRING	
40	206980	PIVOT TUBE	
41	219302	M12 FORM B STAINLESS STEEL WASHER	
42	391194	PIVOT TUBE A	
43	219570	M10 X 70MM LONG HEX BOLT	
44	219012	M10 FORM E WASHER	
45	219948	M10 PENNY WASHER	
46	219822	M8 X 45MM LONG SOCKET BUTTON STAINLESS STEEL HEAD BOLT	
47	391191	LEVER PIVOT SPACER (S/S 10MM O/D 8MM I/D X 24MM LONG)	
48	219078	M8 NYLON INSERT NUT	
49	219341	M10 X 35MM LONG HEX BOLT	
50	329807	FOOT PEDAL HINGE BRACKET	
51	219911	PLASTIC WASHER	
52	303811	12.7MM DIAMETER X 18G X 20MM LONG STAINLESS STEEL TUBE	
53	391221	FOOT PEDAL GRIP PAD	
54	392331	OCTO CHUCK PLASTIC COVER	
55	205263	24V DC BRUSH DRIVE PM90 MOTOR/GEARBOX ASSEMBLY (14:1 RATIO) C/W WATERPROOF CONNECTOR	
56	206788	TERMINAL BLOCK	MODELS BUILT BEFORE 03/2014
57	329922	BRUSH DECK TERMINAL SPLASH GAURD	MODELS BUILT BEFORE 03/2014
58	219971	M5 X 35MM LONG HEXAGONAL HEAD SCREW	MODELS BUILT BEFORE 03/2014
59	219003	M5 FORM A STEEL WASHER	MODELS BUILT BEFORE 03/2014
60	230097	AXIAL FERRITE BEAD	MODELS BUILT BEFORE 03/2014

Numatic International Spare Parts

Model No: TTV678 BRUSH DECK / LIFTING LINK / CHUCK ASSEMBLY

NB: FOR WIRING SEE DRAWING: WD-0359, DRW-15631



234607
DRAWING: EXP-1035 ISS:A05
16/06/2014

Numatic International Spare Parts

Model No: TTV678 BRUSH DECK / LIFTING LINK / CHUCK ASSEMBLY

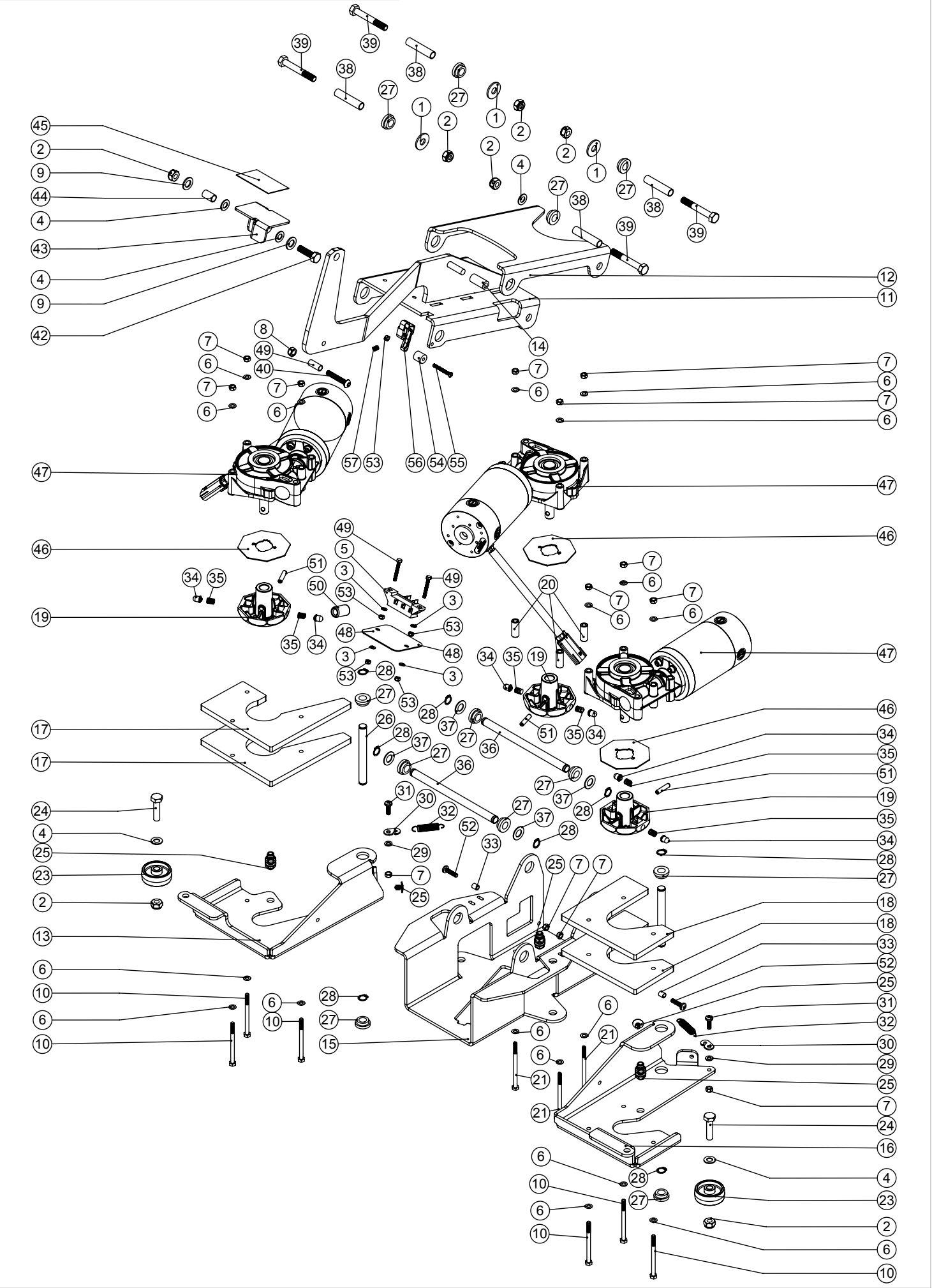
ITEM:	PART No:	DESCRIPTION	COMMENTS:	QTY
1	404044	BRUSH DECK PEDAL ARM WELDED ASSEMBLY - PAINTED SILVER GREY		1
2	404045	BRUSH DECK REAR LINK - PAINTED SILVER GREY		1
3	391210	SILICON TUBE 15MM LONG X 8MM I/D X 3.2MM WALL SECTION		1
4	391211	SILICON TUBE 30MM LONG X 8MM I/D X 3.2MM WALL SECTION		1
5	404039	BRUSH DECK CENTRE PIVOT PAINTED SILVER GREY		1
6	404042	WELDED BRUSH DECK LEFT PIVOT PAINTED SILVER GREY		1
7	404043	WELDED BRUSH DECK RIGHT PIVOT (PAINTED SILVER GREY)		1
8	404037	RIDE-ON RH BRUSH DECK WEIGHT PAINTED SILVER GREY		2
9	404036	LEFTHAND BRUSH DECK WEIGHT (PAINTED SILVER GREY)		2
10	206966	CHUCK CASTING	SPARE PART: 303809 INCLUDING: 10, 11, 38, 39, 54	3
11	219523	GROOVED PIN		3
12	219007	M6 FORM B WASHER		18
13	206851	MOTOR MOUNTING SPACER		3
14	219088	M6 NYLON INSERT NUT		13
15	219534	M6 X 90MM LONG HEX BOLT		3
16	219915	M6 X 80MM LONG STAINLESS STEEL HEXAGONAL HEAD BOLT		6
17	208024	PUSH IN BARBED FASTENER		2
18	206712	50MM DIAMETER BLACK WHEEL		2
19	219449	M10 FORM A WASHER		2
20	219589	M10 X 40MM LONG HEX BOLT		2
21	219649	M10 NYLON INSERT NUT		2
22	208032	6MM BULKHEAD CONNECTOR		3
23	206981	BRUSH DECK PIVOT PIN		2
24	208058	SHOULDERED BUSH - Ø12.9MM I/D		12
25	219151	13MM EXTERNAL CIRCLIP		8
26	219493	M6 NYLON WASHER		2
27	329920	BRUSH DECK SPRING PIVOT BRACKET		2
28	219701	M6 X 20MM LONG POZI PAN STAINLESS STEEL SCREW		2
29	208050	BRUSH DECK ROTATION SPRING		2
30	219843	6MM I/D X 9.5MM LONG SPIROL SPACER (STAINLESS STEEL)		2
31	219056	M6 X 25MM LONG POZI PAN SCREW		2
32	219587	15.39MM O/D X 5.16MM I/D X 15.88MM LONG NYLON SPACER		1
33	219376	M5 X 40MM LONG POZI-COUNTERSUNK SCREW		1
34	227587	CENTRE SWITCH OPERATING LEVER MOULDING		1
35	219804	SWITCH COMPRESSION SPRING		1
36	219005	M5 FORM G WASHER		1
37	219076	M5 NYLON INSERT NUT		5
38	208135	CHUCK DOME		6
39	206957	DRIVE SYSTEM SPRING		6
40	206980	PIVOT TUBE		2
41	219302	M12 FORM B STAINLESS STEEL WASHER		4
42	391194	PIVOT TUBE A		4
43	219012	M10 FORM E WASHER		2
44	219822	M8 X 45MM LONG SOCKET BUTTON STAINLESS STEEL HEAD BOLT		1
45	391191	LEVER PIVOT SPACER (S/S 10MM O/D 8MM I/D X 24MM LONG)		1
46	219078	NUT.M8.NYLON INSERT.Z/PL		1
47	219341	M10 X 35MM LONG HEX BOLT		1
48	329807	FOOT PEDAL HINGE BRACKET		1
49	219911	PLASTIC WASHER		2
50	303811	12.7MM DIAMETER X 18G X 20MM LONG STAINLESS STEEL TUBE		1
51	391221	FOOT PEDAL GRIP PAD		1
52	392331	OCTO CHUCK PLASTIC COVER		3
53	205263	24V DC BRUSH DRIVE PM90 MOTOR/GEARBOX ASSEMBLY (14:1 RATIO) C/W WATERPROOF CONNECTOR		3
56	206788	TERMINAL BLOCK	MODELS BUILT BEFORE 03/2014	1
55	329922	BRUSH DECK TERMINAL SPLASH GAURD	MODELS BUILT BEFORE 03/2014	1
56	219971	M5 X 35MM LONG HEXAGONAL HEAD SCREW	MODELS BUILT BEFORE 03/2014	2
57	219003	M5 FORM A STEEL WASHER	MODELS BUILT BEFORE 03/2014	4
58	904945	M10 X 70MM LONG HEX BOLT STAINLESS STEEL		4
59	291124	M10 PENNY WASHER STAINLESS STEEL		4
60	219897	M10 STAINLESS STEEL NYLON INSERT NUT		5
61	230097	AXIAL FERRITE BEAD		1

Numatic International Spare Parts

Model No: TTV678 BRUSH DECK / LIFTING LINK / CHUCK ASSEMBLY
EXPLODED DRAWING

Internal Code: 905582
DRAWING: DRW-24931 ISS:A07
PRO 15/09/2017

NB: FOR WIRING SEE DRAWING: WD-0359, DRW-15631



Numatic International Spare Parts

Model No: TTV678 BRUSH DECK / LIFTING LINK / CHUCK ASSEMBLY
EXPLODED DRAWING

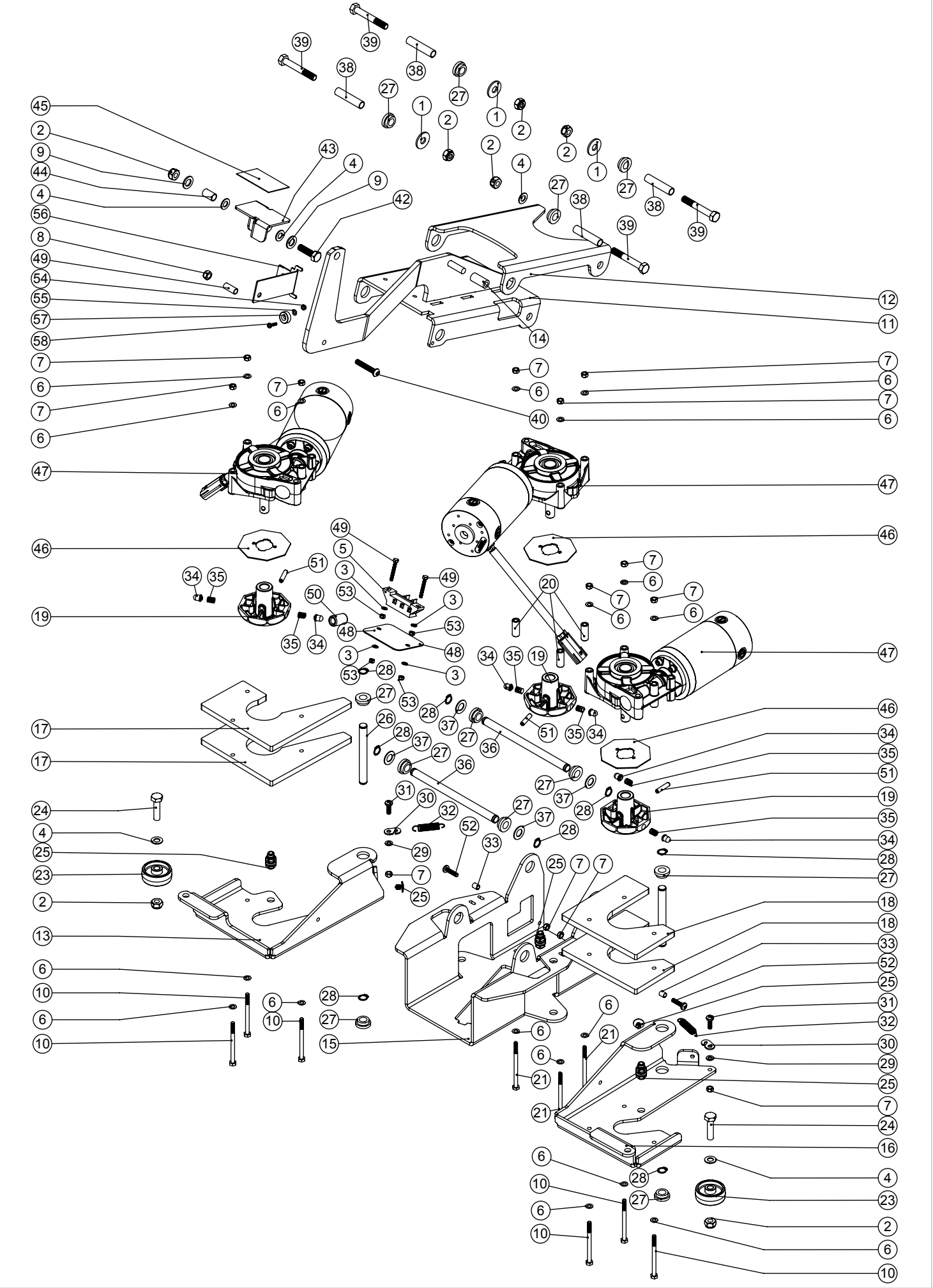
POS.	ITEM NO.	DESCRIPTION	COMMENTS	QTY.
1	291124	M10 PENNY WASHER STAINLESS STEEL		3
2	219897	M10 STAINLESS STEEL NYLON INSERT NUT		7
3	219355	M5 FORM A STAINLESS STEEL WASHER	MODELS BUILT BEFORE 03/2014	4
4	219903	M10 FORM A STAINLESS STEEL WASHER		5
5	206788	TERMINAL BLOCK	MODELS BUILT BEFORE 03/2014	1
6	219560	M6 FORM B STAINLESS STEEL WASHER		18
7	219983	M6 NYLOC STAINLESS STEEL FULL NUT		13
8	219639	M8 STAINLESS STEEL NYLON INSERT NUT		1
9	219911	PLASTIC WASHER		2
10	219915	M6 X 80MM LONG STAINLESS STEEL HEXAGONAL HEAD BOLT		6
11	404044	BRUSH DECK PEDAL ARM WELDED ASSEMBLY - PAINTED SILVER GREY		1
12	404045	BRUSH DECK REAR LINK - PAINTED SILVER GREY		1
13	404043	WELDED BRUSH DECK RIGHT PIVOT (PAINTED SILVER GREY)		1
14	391211	SILICON TUBE 30MM LONG X 8MM I/D X 3.2MM WALL SECTION		1
15	404039	BRUSH DECK CENTRE PIVOT PAINTED SILVER GREY		1
16	404042	WELDED BRUSH DECK LEFT PIVOT PAINTED SILVER GREY		1
17	404037	RIDE-ON RH BRUSH DECK WEIGHT PAINTED SILVER GREY		2
18	404036	LEFTHAND BRUSH DECK WEIGHT (PAINTED SILVER GREY)		2
19	206966	CHUCK CASTING	SPARE PART: 303809 INCLUDING: 22,42,43,54,59	3
20	206851	MOTOR MOUNTING SPACER		3
21	291021	M6 X 90MM LONG STAINLESS STEEL HEXAGONAL HEAD BOLT		3
25	208024	PUSH IN BARBED FASTENER		2
23	206712	50MM DIAMETER BLACK WHEEL		2
24	903430	M10 X 40MM LONG HEXAGONAL STAINLESS STEEL SCREW		2
25	208032	6MM BULKHEAD CONNECTOR		3
26	206981	BRUSH DECK PIVOT PIN		2
27	208058	SHOULDERED BUSH - Ø12.9MM I/D		12
28	905563	13MM EXTERNAL CIRCLIP ST/ST		8
29	219493	M6 NYLON WASHER		2
30	329920	BRUSH DECK SPRING PIVOT BRACKET		2
31	219701	M6 X 20MM LONG POZI PAN STAINLESS STEEL SCREW		2
32	208050	BRUSH DECK ROTATION SPRING		2
33	219843	6MM I/D X 9.5MM LONG SPIROL SPACER (STAINLESS STEEL)		2
34	208135	CHUCK DOME		6
35	206957	DRIVE SYSTEM SPRING		6
36	206980	PIVOT TUBE		2
37	219302	M12 FORM B STAINLESS STEEL WASHER		4
38	391194	PIVOT TUBE A		4
39	904945	M10 X 70MM LONG HEX BOLT STAINLESS STEEL		4
40	219822	M8 X 45MM LONG SOCKET BUTTON STAINLESS STEEL HEAD BOLT		1
49	391191	LEVER PIVOT SPACER (S/S 10MM O/D 8MM I/D X 24MM LONG)		1
42	219895	M10 X 35MM LONG HEXAGONAL STAINLESS STEEL SCREW		1
43	329807	FOOT PEDAL HINGE BRACKET		1
44	303811	12.7MM DIAMETER X 18G X 20MM LONG STAINLESS STEEL TUBE		1
45	391221	FOOT PEDAL GRIP PAD		1
46	392331	OCTO CHUCK PLASTIC COVER		3
47	205263	24V DC BRUSH DRIVE PM90 MOTOR/GEARBOX ASSEMBLY (14:1 RATIO) C/W WATERPROOF CONNECTOR		3
48	329922	BRUSH DECK TERMINAL SPLASH GAURD	MODELS BUILT BEFORE 03/2014	1
49	905554	M5 X 35MM LONG HEXAGONAL HEAD SCREW ST/ST	MODELS BUILT BEFORE 03/2014	2
50	230097	AXIAL FERRITE BEAD	MODELS BUILT BEFORE 03/2014	1
51	291079	6MM X 30MM STAINLESS STEEL ROLL PIN		3
52	902232	M6 X 25MM LONG POZI PAN SCREW STAINLESS STEEL		2
53	291035	M5 NYLON INSERT NUT (STAINLESS STEEL)		5
54	219587	15.39MM O/D X 5.16MM I/D X 15.88MM LONG NYLON SPACER		1
55	219650	M5 X 40MM LONG POZI PAN STAINLESS STEEL COUNTERSUNK SCREW		1
56	227587	CENTRE SWITCH OPERATING LEVER MOULDING		1
57	219804	SWITCH COMPRESSION SPRING		1

Numatic International Spare Parts

Model No: TTV678 BRUSH DECK / LIFTING LINK / CHUCK ASSEMBLY
EXPLODED DRAWING

NB: FOR WIRING SEE DRAWING: WD-0359, DRW-15631

Internal Code: 905582
DRAWING: DRW-24931 ISS:A10
PRO 06/10/2017



Numatic International Spare Parts

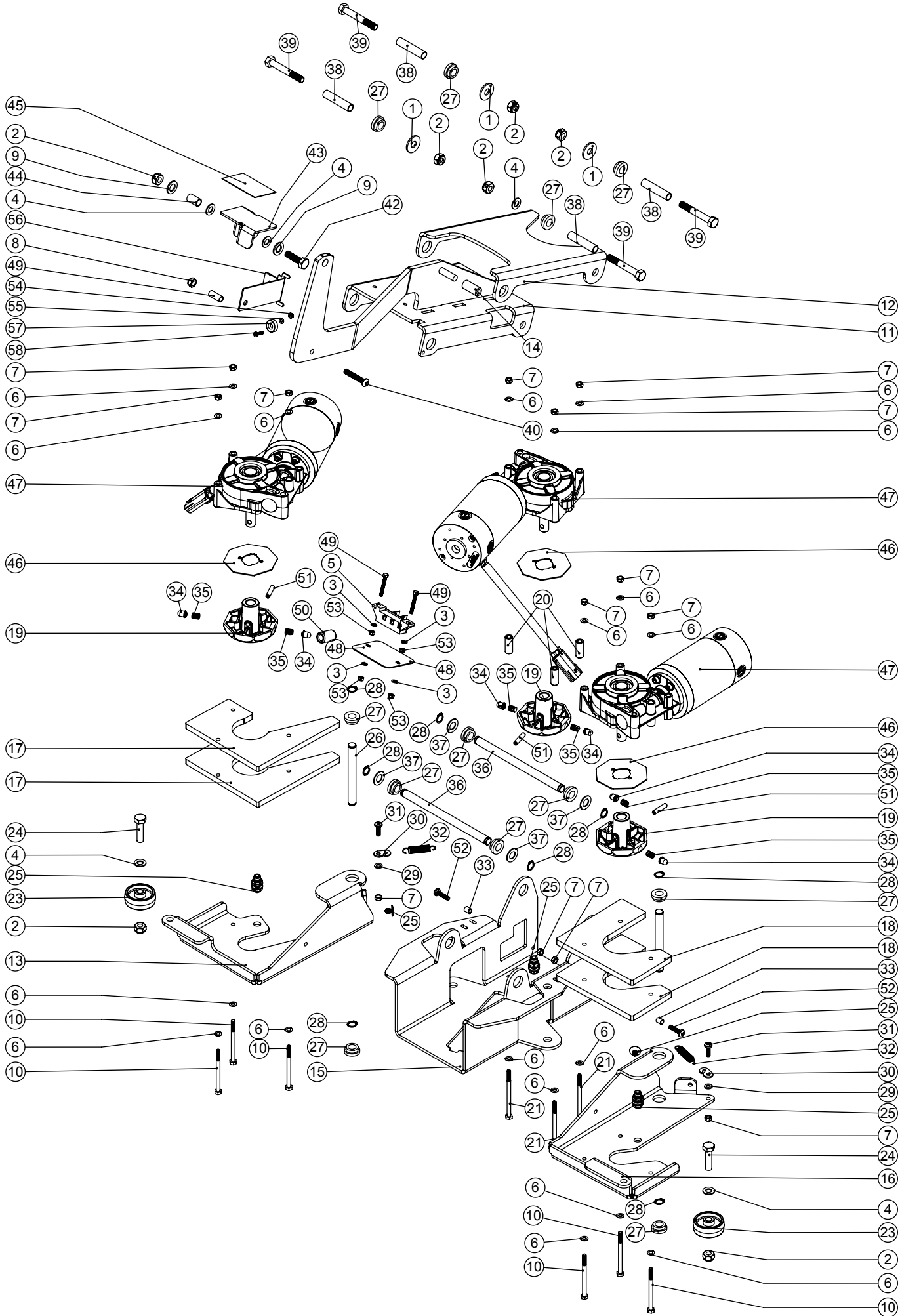
Model No: TTV678 BRUSH DECK / LIFTING LINK / CHUCK ASSEMBLY
EXPLODED DRAWING

POS.	ITEM NO.	DESCRIPTION	COMMENTS	QTY.
1	291124	M10 PENNY WASHER STAINLESS STEEL		3
2	219897	M10 STAINLESS STEEL NYLON INSERT NUT		7
3	219355	M5 FORM A STAINLESS STEEL WASHER	MODELS BUILT BEFORE 03/2014	4
4	219903	M10 FORM A STAINLESS STEEL WASHER		5
5	206788	TERMINAL BLOCK	MODELS BUILT BEFORE 03/2014	1
6	219560	M6 FORM B STAINLESS STEEL WASHER		18
7	219983	M6 NYLOC STAINLESS STEEL FULL NUT		13
8	219639	M8 STAINLESS STEEL NYLON INSERT NUT		1
9	219911	PLASTIC WASHER		2
10	219915	M6 X 80MM LONG STAINLESS STEEL HEXAGONAL HEAD BOLT		6
11	404044	BRUSH DECK PEDAL ARM WELDED ASSEMBLY - PAINTED SILVER GREY		1
12	404045	BRUSH DECK REAR LINK - PAINTED SILVER GREY		1
13	404043	WELDED BRUSH DECK RIGHT PIVOT (PAINTED SILVER GREY)		1
14	391211	SILICON TUBE 30MM LONG X 8MM I/D X 3.2MM WALL SECTION		1
15	404039	BRUSH DECK CENTRE PIVOT PAINTED SILVER GREY		1
16	404042	WELDED BRUSH DECK LEFT PIVOT PAINTED SILVER GREY		1
17	404037	RIDE-ON RH BRUSH DECK WEIGHT PAINTED SILVER GREY		2
18	404036	LEFTHAND BRUSH DECK WEIGHT (PAINTED SILVER GREY)		2
19	206966	CHUCK CASTING	SPARE PART: 303809 INCLUDING: 22,42,43,54,59	3
20	206851	MOTOR MOUNTING SPACER		3
21	291021	M6 X 90MM LONG STAINLESS STEEL HEXAGONAL HEAD BOLT		3
25	208024	PUSH IN BARBED FASTENER		2
23	206712	50MM DIAMETER BLACK WHEEL		2
24	903430	M10 X 40MM LONG HEXAGONAL STAINLESS STEEL SCREW		2
25	208032	6MM BULKHEAD CONNECTOR		3
26	206981	BRUSH DECK PIVOT PIN		2
27	208058	SHOULDERED BUSH - Ø12.9MM I/D		12
28	905563	13MM EXTERNAL CIRCLIP ST/ST		8
29	219493	M6 NYLON WASHER		2
30	329920	BRUSH DECK SPRING PIVOT BRACKET		2
31	219701	M6 X 20MM LONG POZI PAN STAINLESS STEEL SCREW		2
32	208050	BRUSH DECK ROTATION SPRING		2
33	219843	6MM I/D X 9.5MM LONG SPIROL SPACER (STAINLESS STEEL)		2
34	208135	CHUCK DOME		6
35	206957	DRIVE SYSTEM SPRING		6
36	206980	PIVOT TUBE		2
37	219302	M12 FORM B STAINLESS STEEL WASHER		4
38	391194	PIVOT TUBE A		4
39	904945	M10 X 70MM LONG HEX BOLT STAINLESS STEEL		4
40	219822	M8 X 45MM LONG SOCKET BUTTON STAINLESS STEEL HEAD BOLT		1
49	391191	LEVER PIVOT SPACER (S/S 10MM O/D 8MM I/D X 24MM LONG)		1
42	219895	M10 X 35MM LONG HEXAGONAL STAINLESS STEEL SCREW		1
43	329807	FOOT PEDAL HINGE BRACKET		1
44	303811	12.7MM DIAMETER X 18G X 20MM LONG STAINLESS STEEL TUBE		1
45	391221	FOOT PEDAL GRIP PAD		1
46	392331	OCTO CHUCK PLASTIC COVER		3
47	205263	24V DC BRUSH DRIVE PM90 MOTOR/GEARBOX ASSEMBLY (14:1 RATIO) C/W WATERPROOF CONNECTOR		3
48	329922	BRUSH DECK TERMINAL SPLASH GAURD	MODELS BUILT BEFORE 03/2014	1
49	905554	M5 X 35MM LONG HEXAGONAL HEAD SCREW ST/ST	MODELS BUILT BEFORE 03/2014	2
50	230097	AXIAL FERRITE BEAD	MODELS BUILT BEFORE 03/2014	1
51	291079	6MM X 30MM STAINLESS STEEL ROLL PIN		3
52	902232	M6 X 25MM LONG POZI PAN SCREW STAINLESS STEEL		2
53	291035	M5 NYLON INSERT NUT (STAINLESS STEEL)		4
54	219687	M4 STAINLESS STEEL NYLON INSERT NUT		1
55	219688	M4 FORM A STAINLESS STEEL WASHER		1
56	907246	MAGNET PEDAL ARM BRACKET		1
57	208382	MAGNET(19MM O/D)		1
58	219862	M4 X 16MM LONG POZI PAN STAINLESS STEEL SCREW		1

Numatic International Spare Parts

Model No: TTV678 BRUSH DECK / LIFTING LINK / CHUCK ASSEMBLY
EXPLODED DRAWING

NB: FOR WIRING SEE DRAWING: WD-0359, DRW-15631



Internal Code: 905582
DRAWING: DRW-24931 ISS:A12
PRO 16/10/2017

Numatic International Spare Parts

Model No: TTV678 BRUSH DECK / LIFTING LINK / CHUCK ASSEMBLY
EXPLODED DRAWING

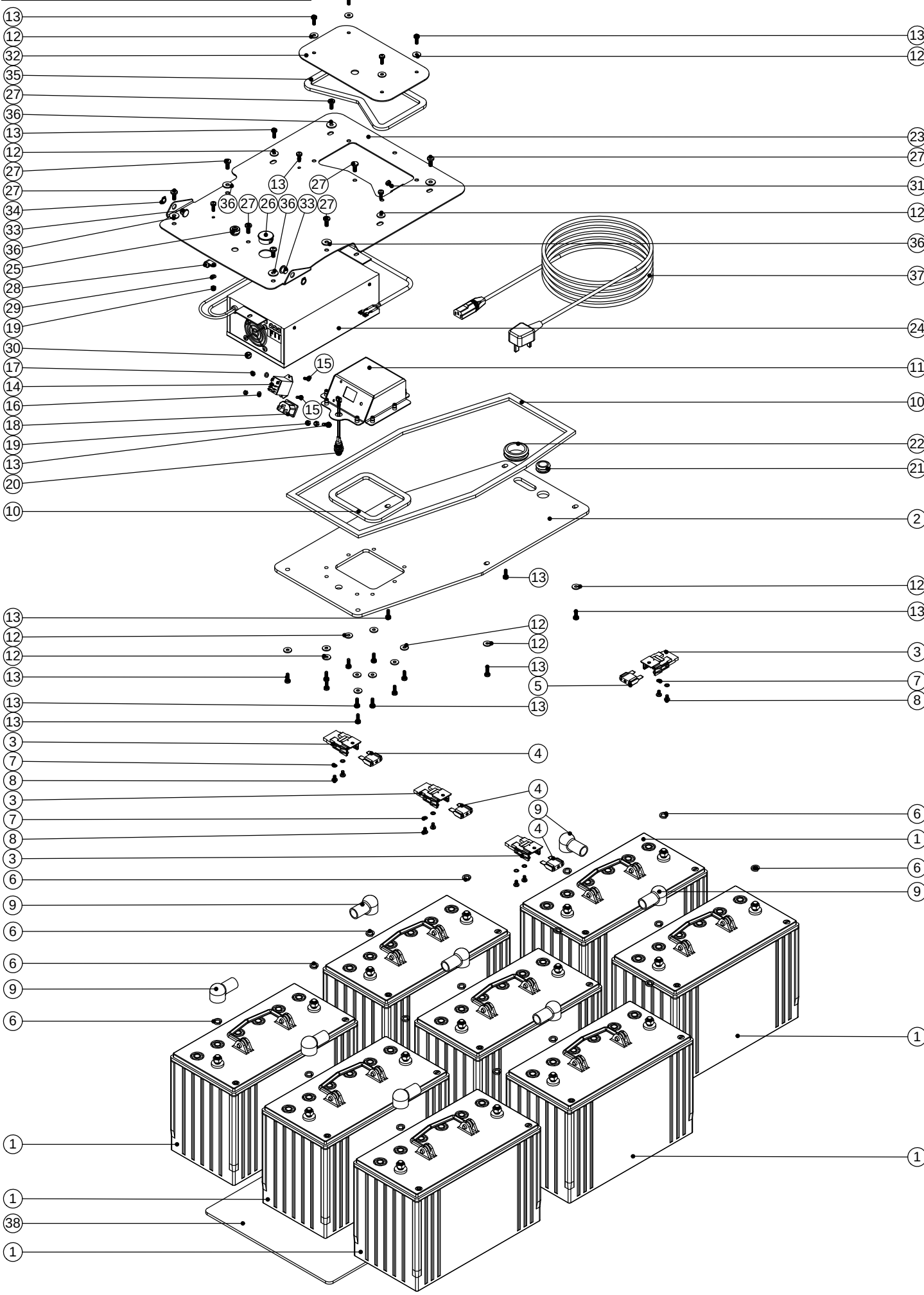
ITEM	PART NO.	DESCRIPTION	COMMENTS	QTY.
1	291124	M10 PENNY WASHER STAINLESS STEEL		3
2	219897	M10 STAINLESS STEEL NYLON INSERT NUT		7
3	219355	M5 FORM A STAINLESS STEEL WASHER	MODELS BUILT BEFORE 03/2014	4
4	219903	M10 FORM A STAINLESS STEEL WASHER		5
5	206788	TERMINAL BLOCK	MODELS BUILT BEFORE 03/2014	1
6	219560	M6 FORM B STAINLESS STEEL WASHER		18
7	219983	M6 NYLOC STAINLESS STEEL FULL NUT		13
8	219639	M8 STAINLESS STEEL NYLON INSERT NUT		1
9	219911	PLASTIC WASHER		2
10	219915	M6 X 80MM LONG STAINLESS STEEL HEXAGONAL HEAD BOLT		6
11	404044	BRUSH DECK PEDAL ARM WELDED ASSEMBLY - PAINTED SILVER GREY		1
12	404045	BRUSH DECK REAR LINK - PAINTED SILVER GREY		1
13	404043	WELDED BRUSH DECK RIGHT PIVOT (PAINTED SILVER GREY)		1
14	391211	SILICON TUBE 30MM LONG X 8MM I/D X 3.2MM WALL SECTION		1
15	404039	BRUSH DECK CENTRE PIVOT PAINTED SILVER GREY		1
16	404042	WELDED BRUSH DECK LEFT PIVOT PAINTED SILVER GREY		1
17	404037	RIDE-ON RH BRUSH DECK WEIGHT PAINTED SILVER GREY		2
18	404036	LEFTHAND BRUSH DECK WEIGHT (PAINTED SILVER GREY)		2
19	206966	CHUCK CASTING	SPARE PART: 303809 INCLUDING: 22,42,43,54,59	3
20	206851	MOTOR MOUNTING SPACER		3
21	291021	M6 X 90MM LONG STAINLESS STEEL HEXAGONAL HEAD BOLT		3
25	208024	PUSH IN BARBED FASTENER		2
23	206712	50MM DIAMETER BLACK WHEEL		2
24	903430	M10 X 40MM LONG HEXAGONAL STAINLESS STEEL SCREW		2
25	208032	6MM BULKHEAD CONNECTOR		3
26	206981	BRUSH DECK PIVOT PIN		2
27	208058	SHOULDERED BUSH - Ø12.9MM I/D		12
28	905563	13MM EXTERNAL CIRCLIP ST/ST		8
29	219493	M6 NYLON WASHER		2
30	329920	BRUSH DECK SPRING PIVOT BRACKET		2
31	219701	M6 X 20MM LONG POZI PAN STAINLESS STEEL SCREW		2
32	208050	BRUSH DECK ROTATION SPRING		2
33	219843	6MM I/D X 9.5MM LONG SPIROL SPACER (STAINLESS STEEL)		2
34	208135	CHUCK DOME		6
35	206957	DRIVE SYSTEM SPRING		6
36	206980	PIVOT TUBE		2
37	219302	M12 FORM B STAINLESS STEEL WASHER		4
38	391194	PIVOT TUBE A		4
39	904945	M10 X 70MM LONG HEX BOLT STAINLESS STEEL		4
40	219822	M8 X 45MM LONG SOCKET BUTTON STAINLESS STEEL HEAD BOLT		1
49	391191	LEVER PIVOT SPACER (S/S 10MM O/D 8MM I/D X 24MM LONG)		1
42	219895	M10 X 35MM LONG HEXAGONAL STAINLESS STEEL SCREW		1
43	329807	FOOT PEDAL HINGE BRACKET		1
44	303811	12.7MM DIAMETER X 18G X 20MM LONG STAINLESS STEEL TUBE		1
45	904204	FOOT PEDAL GRIP PAD RED	BLACK VERSION 391221	1
46	392331	OCTO CHUCK PLASTIC COVER		3
47	205263	24V DC BRUSH DRIVE PM90 MOTOR/GEARBOX ASSEMBLY (14:1 RATIO) C/W WATERPROOF CONNECTOR		3
48	329922	BRUSH DECK TERMINAL SPLASH GAURD	MODELS BUILT BEFORE 03/2014	1
49	905554	M5 X 35MM LONG HEXAGONAL HEAD SCREW ST/ST	MODELS BUILT BEFORE 03/2014	2
50	230097	AXIAL FERRITE BEAD	MODELS BUILT BEFORE 03/2014	1
51	291079	6MM X 30MM STAINLESS STEEL ROLL PIN		3
52	902232	M6 X 25MM LONG POZI PAN SCREW STAINLESS STEEL		2
53	291035	M5 NYLON INSERT NUT (STAINLESS STEEL)		4
54	219687	M4 STAINLESS STEEL NYLON INSERT NUT		1
55	219688	M4 FORM A STAINLESS STEEL WASHER		1
56	907246	MAGNET PEDAL ARM BRACKET		1
57	208382	MAGNET(19MM O/D)		1
58	219862	M4 X 16MM LONG POZI PAN STAINLESS STEEL SCREW		1

Numatic International Spare Parts

Model No: Vario Charger/Charger Plate/Batteries Assembly

234611
DRAWING: EXP-1039 ISS:A01
25/09/2008

NB: FOR WIRING SEE DRAWING: WD-0359



Numatic International Spare Parts

Model No: Vario Charger/Charger Plate/Batteries Assembly

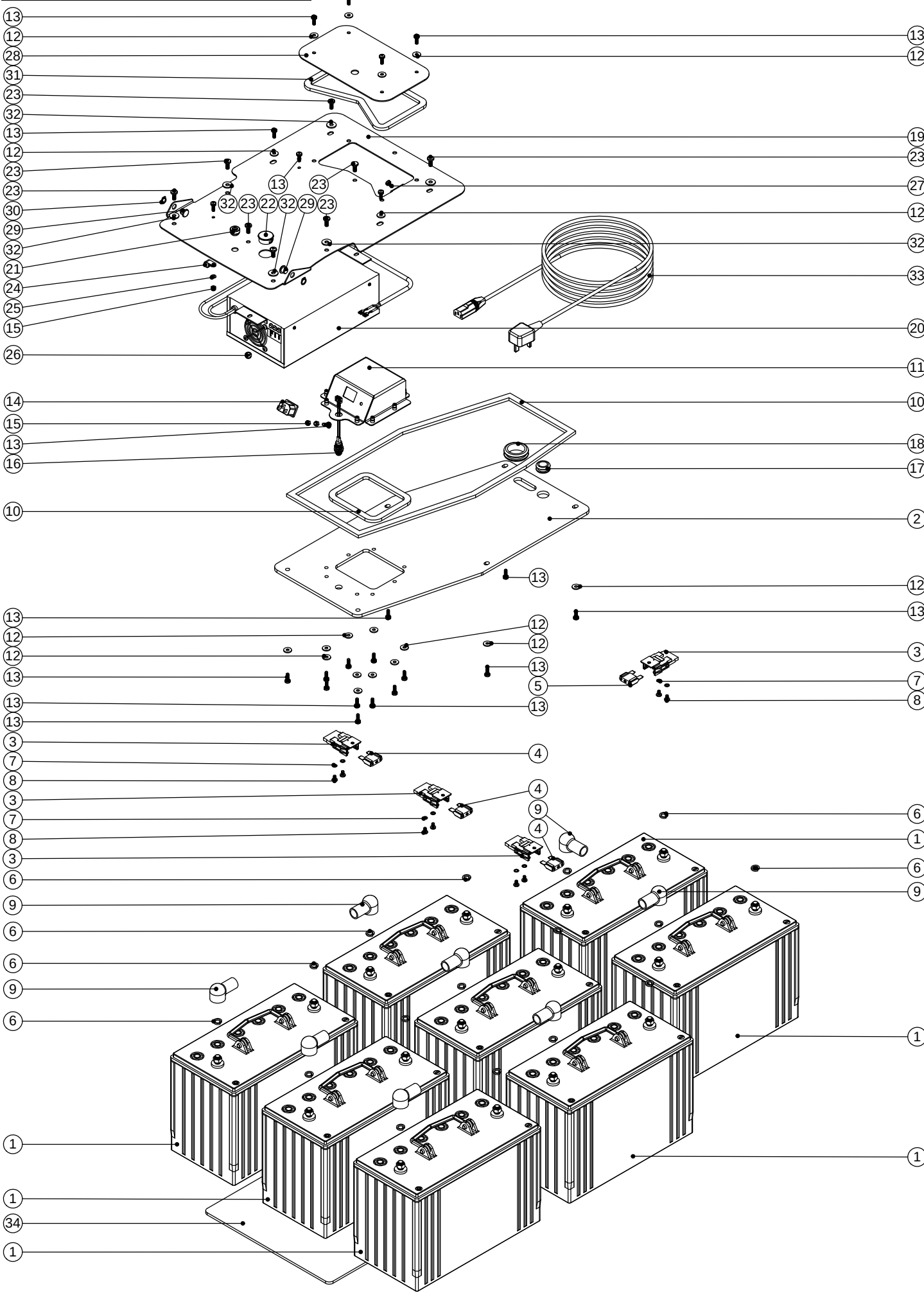
POS:	ITEM NO:	DESCRIPTION:	COMMENTS:
1	230138	98 A/H STUD TERMINAL GEL TYPE BATTERY	
2	329875	TOP TANK PLASTIC COVER PLATE	
3	230102	FUSE HOLDER RATED AT 60 AMPS	
4	221047	40 AMP MAXI FUSE	6 BATTERY MACHINES ONLY
	230104	30 AMP MAXI FUSE	8 BATTERY MACHINES ONLY
5	230104	30 AMP MAXI FUSE	8 BATTERY MACHINES ONLY
6	219899	M10 SINGLE COIL STAINLESS STEEL WASHER	
7	219016	M5 SHAKEPROOF WASHER	
8	219864	M5 X 8MM LONG POZI PAN SCREW	
9	206861	RED PVC TERMINAL CAP	
10	212997	6MM X 12MM X 12METERS ROLL INSEAL	
11	303851	NUTSERTED CHARGING BOX	
12	219005	M5 FORM G WASHER	
13	219045	M5 X 16MM LONG POZI PAN SEMS SCREW	
14	230122	230V RELAY	
	230130	120V RELAY	
15	221151	M4 X 12MM LONG POZI PAN SCREW	
16	219206	M4 FORM A WASHER	
17	219083	M4 NYLON INSERT NUT	
18	208078	IEC INLET SOCKET	
19	219076	M5 NYLON INSERT NUT	
20	270303	NEON INDICATOR RED LENS 230V C/W LINK WIRES & 4.8MM x 0.5MM TERMINALS	
	270304	NEON INDICATOR RED LENS 120V C/W LINK WIRES & 4.8MM x 0.5MM TERMINALS	
21	208143	20MM GROMMET X 6MM PANEL THICKNESS	
22	208144	38MM GROMMET X 6MM PANEL THICKNESS	
23	303852	NUTSERTED CHARGER PLATE	
24	230143	230V MENTZER 35 AMP CHARGER	
	230142	115V MENTZER 35 AMP CHARGER	
25	208140	IP66/67 GROMMET	
26	206314	WINDOW PLUG	
27	219618	M6 X 16MM LONG POZI PAN SCREW	
28	219393	P CLIP	
29	219003	M5 FORM A STEEL WASHER	
30	219088	M6 NYLON INSERT NUT	
31	219047	M5 X 10MM LONG POZI PAN SEMS SCREW	
32	329924	CHARGER ACCESS PANEL	
33	206647	PIVOT BUSH	
34	219586	10MM EXTERNAL CIRCLIP	
35	212997	6MM X 12MM X 12METERS ROLL INSEAL	
36	219008	M6 FORM G WASHER	
37	220386	UK TYPE CHARGING LEAD	
	221079	EURO CHARGING LEAD	
	220389	USA CHARGING LEAD	
38	208160	RUBBER MAT	

Numatic International Spare Parts

Model No: Vario Charger/Charger Plate/Batteries Assembly

234611
DRAWING: EXP-1039 ISS:A02
06/01/2009

NB: FOR WIRING SEE DRAWING: WD-0359



Numatic International Spare Parts

Model No: Vario Charger/Charger Plate/Batteries Assembly

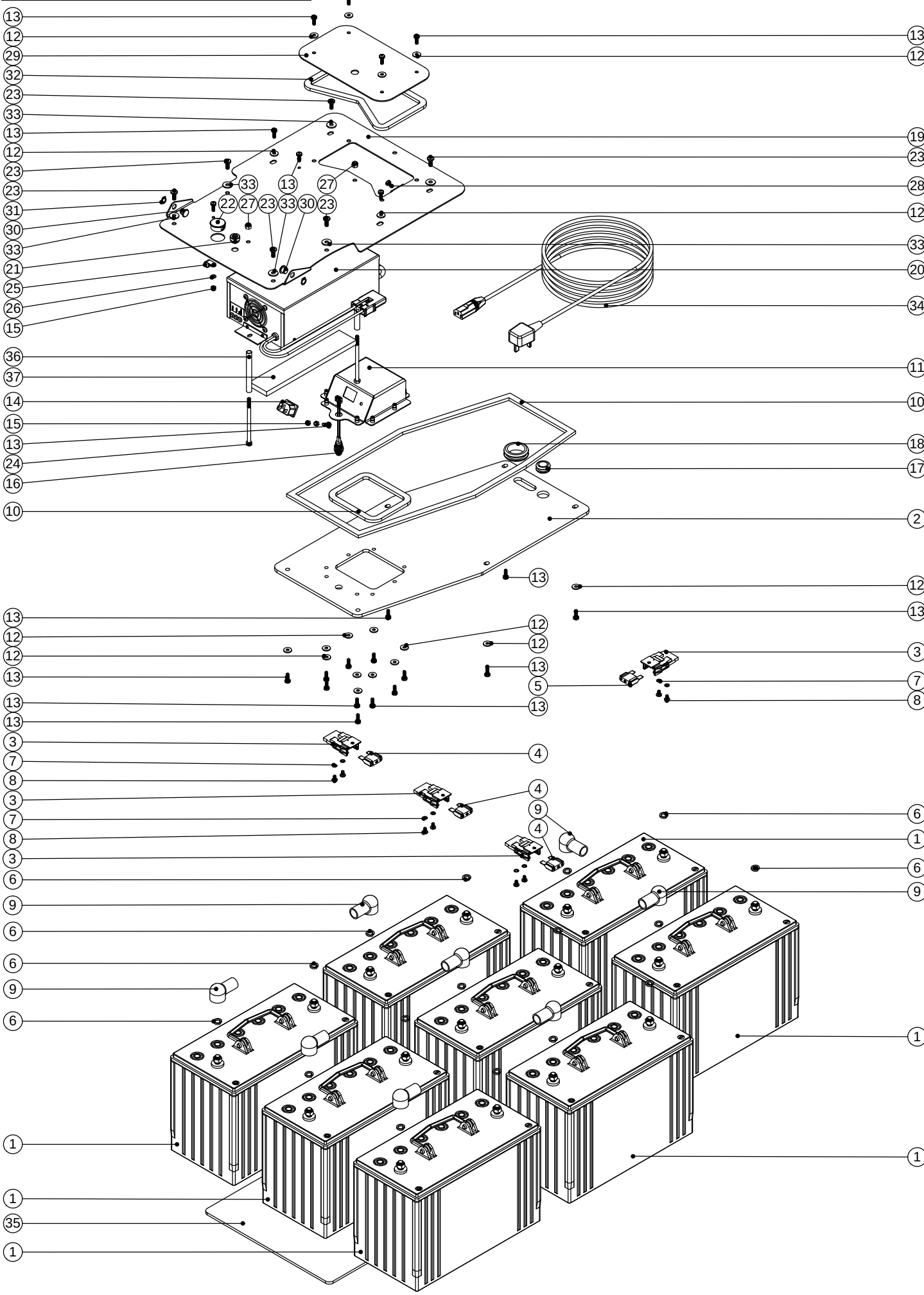
POS:	ITEM NO:	DESCRIPTION:	COMMENTS:
1	230138	98 A/H STUD TERMINAL GEL TYPE BATTERY	
2	329875	TOP TANK PLASTIC COVER PLATE	
3	230102	FUSE HOLDER RATED AT 60 AMPS	
4	221047	40 AMP MAXI FUSE	6 BATTERY MACHINES ONLY
	230104	30 AMP MAXI FUSE	8 BATTERY MACHINES ONLY
5	230104	30 AMP MAXI FUSE	8 BATTERY MACHINES ONLY
6	219899	M10 SINGLE COIL STAINLESS STEEL WASHER	
7	219016	M5 SHAKEPROOF WASHER	
8	219864	M5 X 8MM LONG POZI PAN SCREW	
9	206861	RED PVC TERMINAL CAP	
10	212997	6MM X 12MM X 12METERS ROLL INSEAL	
11	303851	NUTSERTED CHARGING BOX	USE ISSUE A03 FOR MACHINE BEFORE 12/01/2009
12	219005	M5 FORM G WASHER	
13	219045	M5 X 16MM LONG POZI PAN SEMS SCREW	
14	208078	IEC INLET SOCKET	
15	219076	M5 NYLON INSERT NUT	
16	270193	NEON INDICATOR RED LENS 230V C/W LINK WIRES & 6.3MM x 0.8MM TERMINALS	
	270195	NEON INDICATOR RED LENS 120V C/W LINK WIRES & 6.3MM x 0.8MM TERMINALS	
17	208143	20MM GROMMET X 6MM PANEL THICKNESS	
18	208144	38MM GROMMET X 6MM PANEL THICKNESS	
19	303852	NUTSERTED CHARGER PLATE	
20	230143	230V MENTZER 35 AMP CHARGER	
	230142	115V MENTZER 35 AMP CHARGER	
21	208140	IP66/67 GROMMET	
22	206314	WINDOW PLUG	
23	219618	M6 X 16MM LONG POZI PAN SCREW	
24	219393	P CLIP	
25	219003	M5 FORM A STEEL WASHER	
26	219088	M6 NYLON INSERT NUT	
27	219047	M5 X 10MM LONG POZI PAN SEMS SCREW	
28	329924	CHARGER ACCESS PANEL	
29	206647	PIVOT BUSH	
30	219586	10MM EXTERNAL CIRCLIP	
31	212997	6MM X 12MM X 12METERS ROLL INSEAL	
32	219008	M6 FORM G WASHER	
33	220386	UK TYPE CHARGING LEAD	
	221079	EURO CHARGING LEAD	
	220389	USA CHARGING LEAD	
34	208160	RUBBER MAT	

Numatic International Spare Parts

Model No: Vario Charger/Charger Plate/Batteries Assembly

234611
DRAWING: EXP-1039 ISS:A03
13/02/2009

NB: FOR WIRING SEE DRAWING: WD-0359



Numatic International Spare Parts

Model No: Vario Charger/Charger Plate/Batteries Assembly

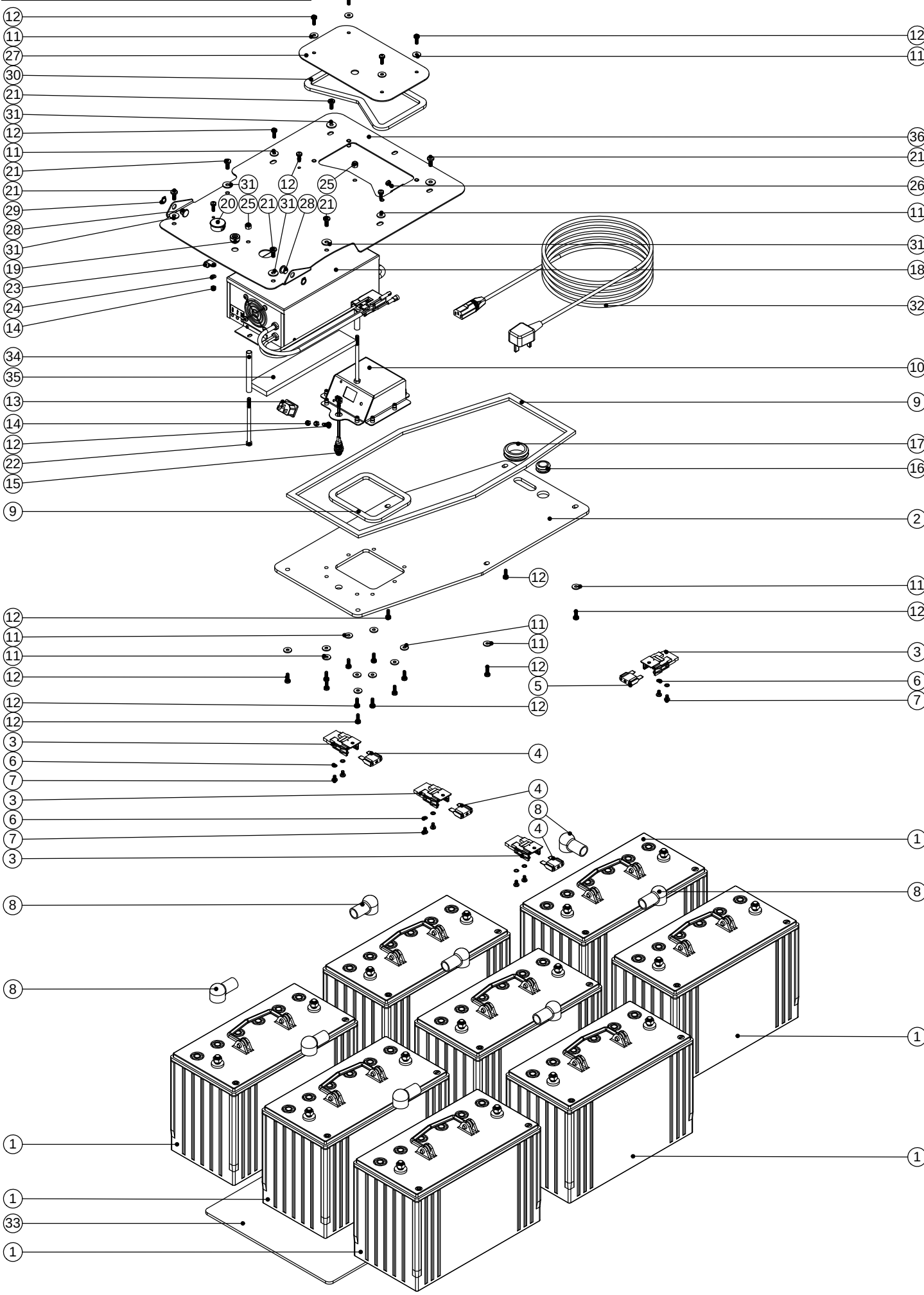
POS:	ITEM NO:	DESCRIPTION:	COMMENTS:
1	230138	98 A/H STUD TERMINAL GEL TYPE BATTERY	
2	329875	TOP TANK PLASTIC COVER PLATE	
3	230102	FUSE HOLDER RATED AT 60 AMPS	
4	221047	40 AMP MAXI FUSE	6 BATTERY MACHINES ONLY
	230104	30 AMP MAXI FUSE	8 BATTERY MACHINES ONLY
5	230104	30 AMP MAXI FUSE	8 BATTERY MACHINES ONLY
6	219899	M10 SINGLE COIL STAINLESS STEEL WASHER	
7	219016	M5 SHAKEPROOF WASHER	
8	219864	M5 X 8MM LONG POZI PAN SCREW	
9	206861	RED PVC TERMINAL CAP	
10	212997	6MM X 12MM X 12METERS ROLL INSEAL	
11	303851	NUTSERTED CHARGING BOX	USE ISSUE A03 FOR MACHINE BEFORE 12/01/2009
12	219005	M5 FORM G WASHER	
13	219045	M5 X 16MM LONG POZI PAN SEMS SCREW	
14	208078	IEC INLET SOCKET	
15	219076	M5 NYLON INSERT NUT	
16	270193	NEON INDICATOR RED LENS 230V C/W LINK WIRES	
	270195	NEON INDICATOR RED LENS 120V C/W LINK WIRES & 6.3MM x 0.8MM TERMINALS	
17	208143	20MM GROMMET X 6MM PANEL THICKNESS	
18	208144	38MM GROMMET X 6MM PANEL THICKNESS	
19	303852	NUTSERTED CHARGER PLATE	
20	230143	230V MENTZER 35 AMP CHARGER	
	230142	115V MENTZER 35 AMP CHARGER	
21	208140	IP66/67 GROMMET	
22	206314	WINDOW PLUG	
23	219618	M6 X 16MM LONG POZI PAN SCREW	
24	219863	M6 X 100MM LONG HEXAGONAL HEAD BOLT	
25	219393	P CLIP	
26	219003	M5 FORM A STEEL WASHER	
27	219088	M6 NYLON INSERT NUT	
28	219047	M5 X 10MM LONG POZI PAN SEMS SCREW	
29	329924	CHARGER ACCESS PANEL	
30	206647	PIVOT BUSH	
31	219586	10MM EXTERNAL CIRCLIP	
32	212997	6MM X 12MM X 12METERS ROLL INSEAL	
33	219008	M6 FORM G WASHER	
	221079	EURO CHARGING LEAD	
	220389	USA CHARGING LEAD	
34	220386	UK TYPE CHARGING LEAD	
35	208160	RUBBER MAT	
36	391266	88.5MM LONG X 10MM DIAMETER X 1MM WALL STAINLESS STEEL TUBE	
37	229303	BATTERY PLATE PAD	

Numatic International Spare Parts

Model No: Vario Charger/Charger Plate/Batteries Assembly

234611
DRAWING: EXP-1039 ISS:A04
21/01/2010

NB: FOR WIRING SEE DRAWING: WD-0359



Numatic International Spare Parts

Model No: Vario Charger/Charger Plate/Batteries Assembly

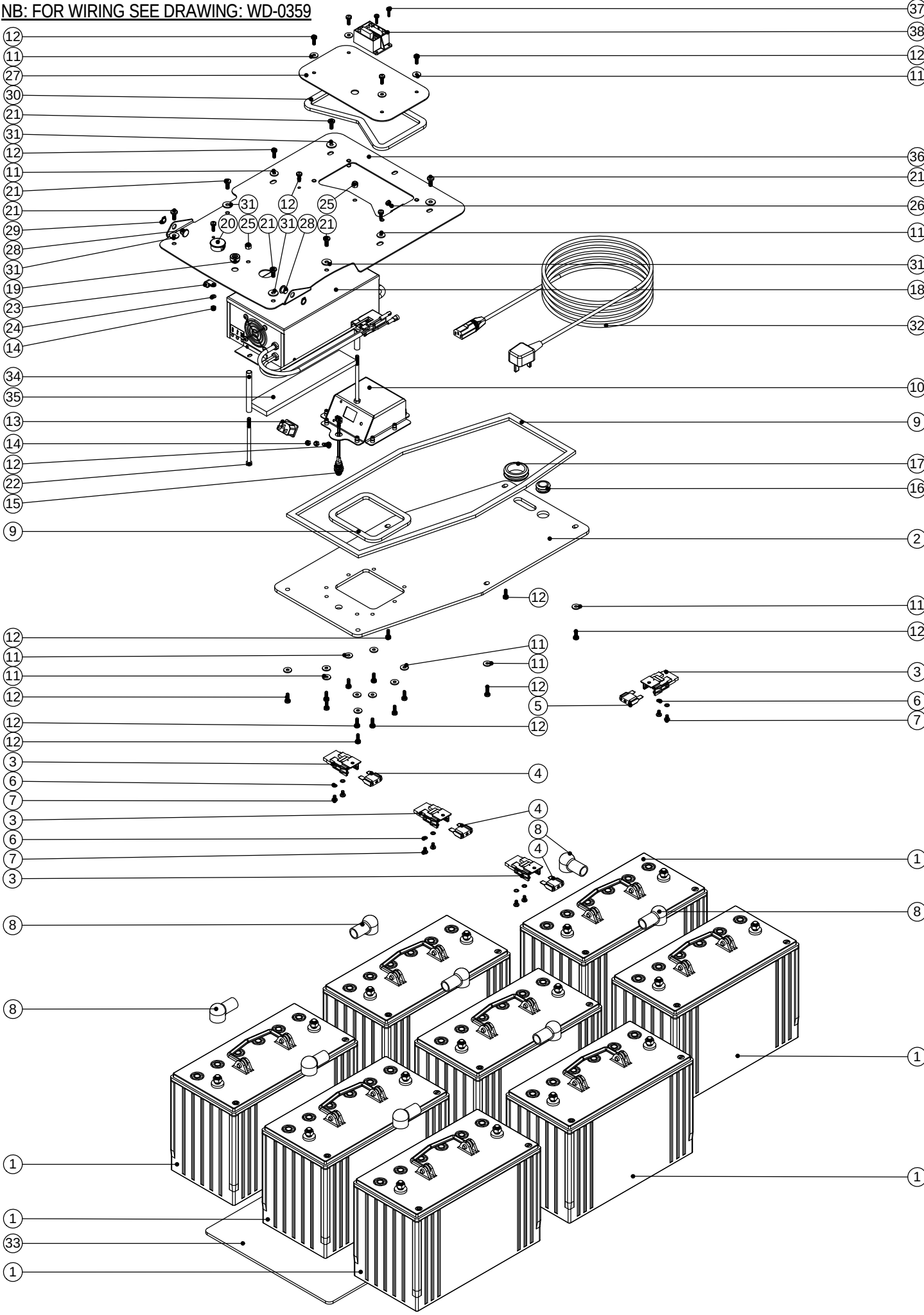
POS:	ITEM NO:	DESCRIPTION:	COMMENTS:
1	205112	100 AMP/HOUR REPLACEMENT BATTERY (C/W PACKGING FOR 230138 BATTERY)	
2	329875	TOP TANK PLASTIC COVER PLATE	
3	230102	FUSE HOLDER RATED AT 60 AMPS	
4	221047	40 AMP MAXI FUSE	6 BATTERY MACHINES ONLY
	230104	30 AMP MAXI FUSE	8 BATTERY MACHINES ONLY
5	230104	30 AMP MAXI FUSE	8 BATTERY MACHINES ONLY
6	219016	M5 SHAKEPROOF WASHER	
7	219864	M5 X 8MM LONG POZI PAN SCREW	
8	206861	RED PVC TERMINAL CAP	
9	212997	6MM X 12MM X 12METERS ROLL INSEAL	
10	303851	NUTSERTED CHARGING BOX	USE ISS: A03 FOR MACHINE BEFORE:12/01/2009
11	219005	M5 FORM G WASHER	
12	219045	M5 X 16MM LONG POZI PAN SEMS SCREW	
13	208078	IEC INLET SOCKET	
14	219076	M5 NYLON INSERT NUT	
15	270193	NEON INDICATOR RED LENS 230V C/W LINK WIRES	
	270195	NEON INDICATOR RED LENS 120V C/W LINK WIRES	
16	208143	20MM GROMMET X 6MM PANEL THICKNESS	
17	208144	38MM GROMMET X 6MM PANEL THICKNESS	
18	230143	220-240V MENTZER 35 AMP CHARGER	
	230142	110-120V MENTZER 35 AMP CHARGER	
19	208140	IP66/67 GROMMET	
20	206314	WINDOW PLUG	
21	219618	M6 X 16MM LONG POZI PAN SCREW	
22	219863	M6 X 100MM LONG HEXAGONAL HEAD BOLT	
23	219393	P CLIP	
24	219003	M5 FORM A STEEL WASHER	
25	219088	M6 NYLON INSERT NUT	
26	219047	M5 X 10MM LONG POZI PAN SEMS SCREW	
27	329924	CHARGER ACCESS PANEL	
28	206647	PIVOT BUSH	
29	219586	10MM EXTERNAL CIRCLIP	
30	212997	6MM X 12MM X 12METERS ROLL INSEAL	
31	219008	M6 FORM G WASHER	
32	220386	UK TYPE CHARGING LEAD	
	221079	EURO TYPE CHARGING LEAD	
	220389	USA TYPE CHARGING LEAD	
33	208160	RUBBER MAT	
34	391266	88.5MM LONG X 10MM DIAMETER X 1MM WALL STAINLESS STEEL TUBE	
35	229303	BATTERY PLATE PAD	
36	303852	NUTSERTED SEAT PIVOT BRACKET / CHARGER PLATE	

Numatic International Spare Parts

Model No: Vario Charger/Charger Plate/Batteries Assembly

234611
DRAWING: EXP-1039 ISS:A05
30/04/2010

NB: FOR WIRING SEE DRAWING: WD-0359



Numatic International Spare Parts

Model No: Vario Charger/Charger Plate/Batteries Assembly

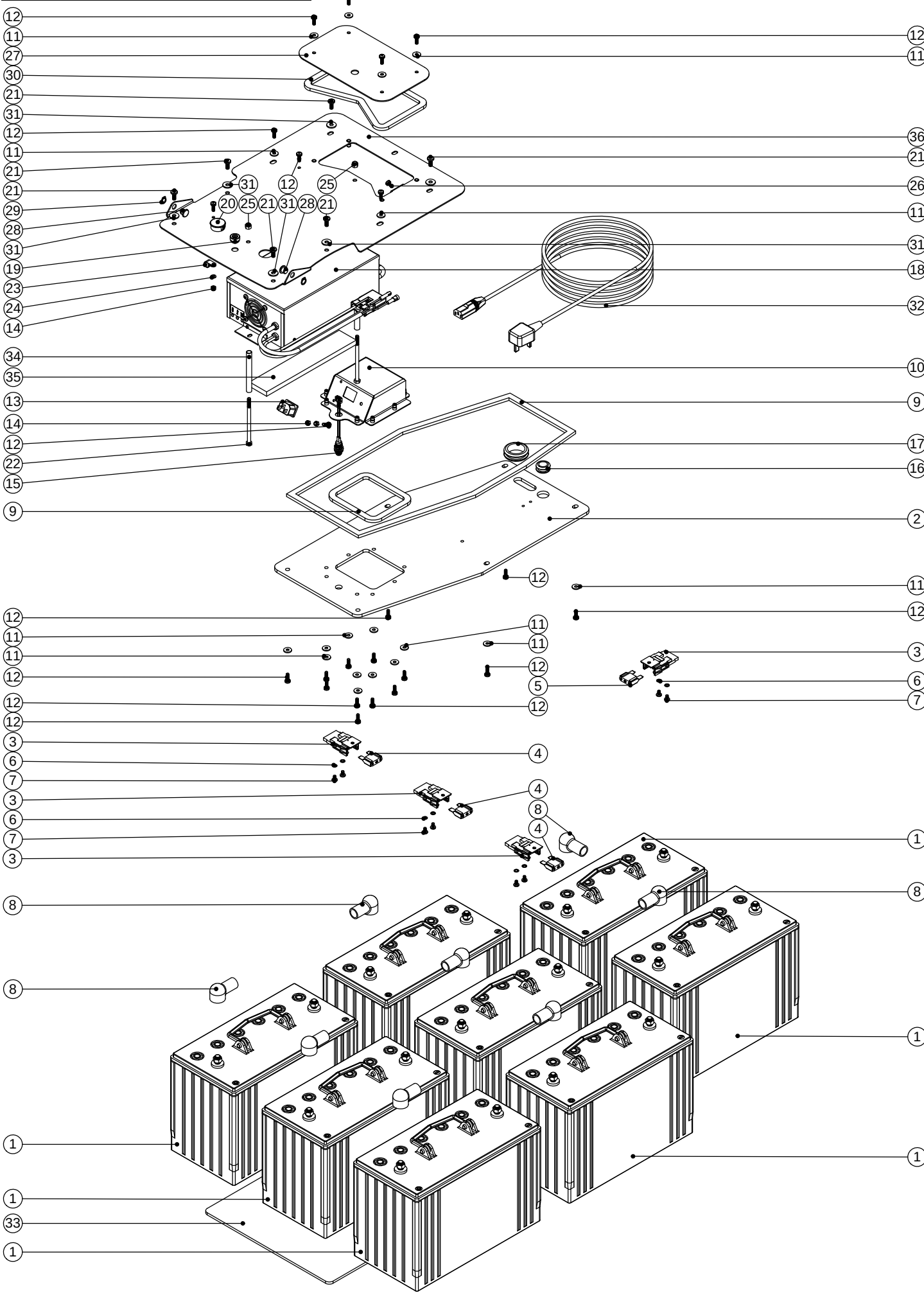
POS:	ITEM NO:	DESCRIPTION:	COMMENTS:
1	205112	100 AMP/HOUR REPLACEMENT BATTERY (C/W PACKGING FOR 230138 BATTERY)	
2	329875	TOP TANK PLASTIC COVER PLATE	
3	230102	FUSE HOLDER RATED AT 60 AMPS	
4	221047	40 AMP MAXI FUSE	6 BATTERY MACHINES ONLY
	230104	30 AMP MAXI FUSE	8 BATTERY MACHINES ONLY
5	230104	30 AMP MAXI FUSE	8 BATTERY MACHINES ONLY
6	219016	M5 SHAKEPROOF WASHER	
7	219864	M5 X 8MM LONG POZI PAN SCREW	
8	206861	RED PVC TERMINAL CAP	
9	212997	6MM X 12MM X 12METERS ROLL INSEAL	
10	303851	NUTSERTED CHARGING BOX	USE ISS: A03 FOR MACHINE BEFORE:12/01/2009
11	219005	M5 FORM G WASHER	
12	219045	M5 X 16MM LONG POZI PAN SEMS SCREW	
13	208078	IEC INLET SOCKET	
14	219076	M5 NYLON INSERT NUT	
15	270193	NEON INDICATOR RED LENS 230V C/W LINK WIRES	
	270195	NEON INDICATOR RED LENS 120V C/W LINK WIRES	
16	208143	20MM GROMMET X 6MM PANEL THICKNESS	
17	208144	38MM GROMMET X 6MM PANEL THICKNESS	
18	230143	220-240V MENTZER 35 AMP CHARGER	
	230142	110-120V MENTZER 35 AMP CHARGER	
19	208140	IP66/67 GROMMET	
20	206314	WINDOW PLUG	
21	219618	M6 X 16MM LONG POZI PAN SCREW	
22	219863	M6 X 100MM LONG HEXAGONAL HEAD BOLT	
23	219393	P CLIP	
24	219003	M5 FORM A STEEL WASHER	
25	219088	M6 NYLON INSERT NUT	
26	219047	M5 X 10MM LONG POZI PAN SEMS SCREW	
27	329924	CHARGER ACCESS PANEL	
	303943	CHARGER ACCESS PANEL (120V)	120V MACHINES ONLY
28	206647	PIVOT BUSH	
29	219586	10MM EXTERNAL CIRCLIP	
30	212997	6MM X 12MM X 12METERS ROLL INSEAL	
31	219008	M6 FORM G WASHER	
32	220386	UK TYPE CHARGING LEAD	
	221079	EURO TYPE CHARGING LEAD	
	220389	USA TYPE CHARGING LEAD	
33	208160	RUBBER MAT	
34	391266	88.5MM LONG X 10MM DIAMETER X 1MM WALL STAINLESS STEEL TUBE	
35	229303	BATTERY PLATE PAD	
36	303852	NUTSERTED SEAT PIVOT BRACKET / CHARGER PLATE	
37	219472	M4 X 16MM LONG POZI PAN SEMS SCREW	120V MACHINES ONLY
38	208387	SURGE ARRESTER PCB (POTTED IN BOX)	120V MACHINES ONLY

Numatic International Spare Parts

Model No: Vario Charger/Charger Plate/Batteries Assembly

234611
DRAWING: EXP-1039 ISS:A06
27/04/2011

NB: FOR WIRING SEE DRAWING: WD-0359



Numatic International Spare Parts

Model No: Vario Charger/Charger Plate/Batteries Assembly

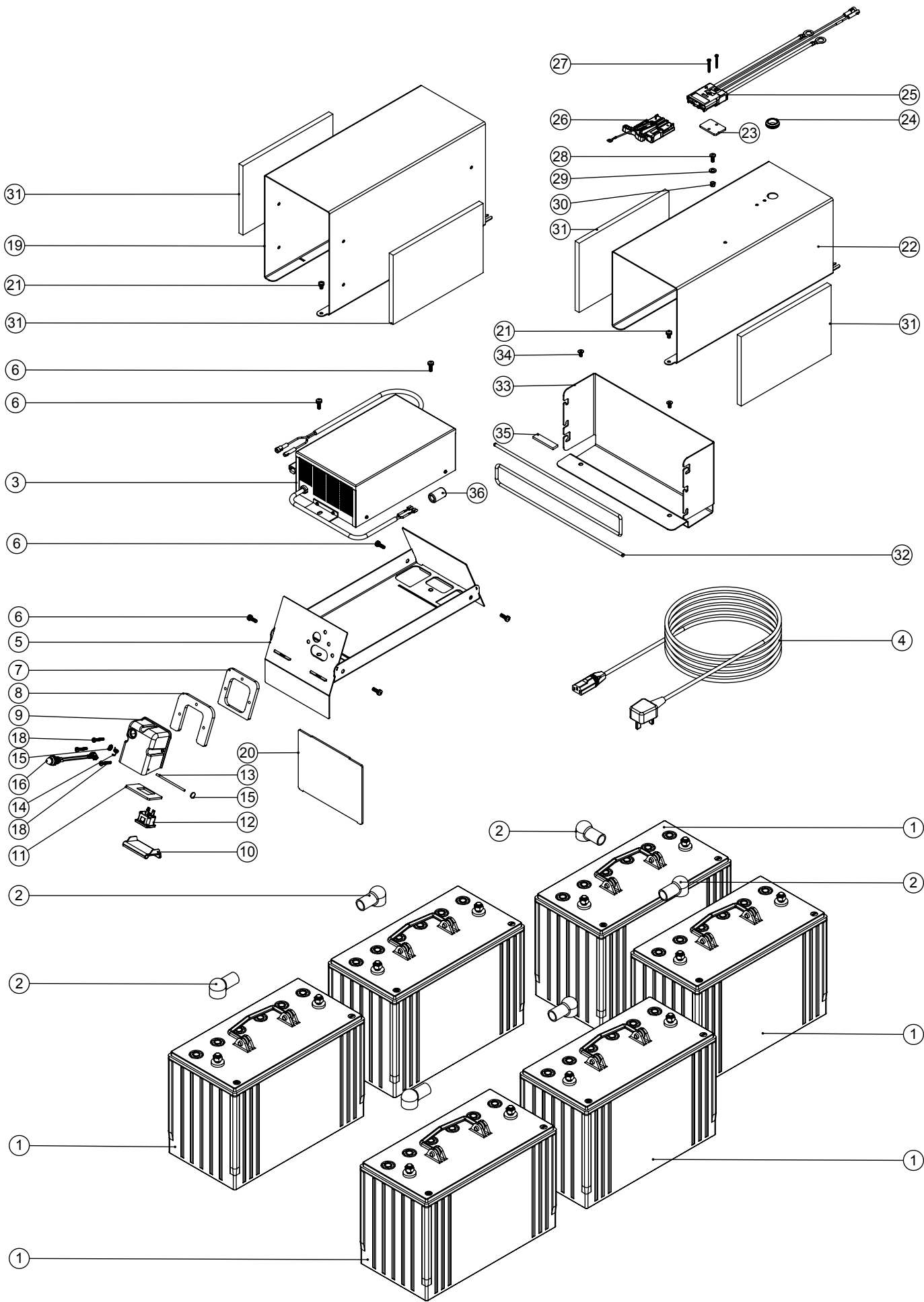
POS:	ITEM NO:	DESCRIPTION:	COMMENTS:
1	205112	100 AMP/HOUR REPLACEMENT BATTERY (C/W PACKGING FOR 230138 BATTERY)	
2	329875	TOP TANK PLASTIC COVER PLATE	
3	230102	FUSE HOLDER RATED AT 60 AMPS	
4	221047	40 AMP MAXI FUSE	6 BATTERY MACHINES ONLY
	230104	30 AMP MAXI FUSE	8 BATTERY MACHINES ONLY
5	230104	30 AMP MAXI FUSE	8 BATTERY MACHINES ONLY
6	219016	M5 SHAKEPROOF WASHER	
7	219864	M5 X 8MM LONG POZI PAN SCREW	
8	206861	RED PVC TERMINAL CAP	
9	212997	6MM X 12MM X 12METERS ROLL INSEAL	
10	303851	NUTSERTED CHARGING BOX	USE ISS: A03 FOR MACHINE BEFORE:12/01/2009
11	219005	M5 FORM G WASHER	
12	219045	M5 X 16MM LONG POZI PAN SEMS SCREW	
13	208078	IEC INLET SOCKET	
14	219076	M5 NYLON INSERT NUT	
15	270193	NEON INDICATOR RED LENS 230V C/W LINK WIRES	
	270195	NEON INDICATOR RED LENS 120V C/W LINK WIRES	
16	208143	20MM GROMMET X 6MM PANEL THICKNESS	
17	208144	38MM GROMMET X 6MM PANEL THICKNESS	
18	230143	220-240V MENTZER 35 AMP CHARGER	
	230142	110-120V MENTZER 35 AMP CHARGER	(SURGE ARRESTOR FITTED IN MAINS LEAD)
19	208140	IP66/67 GROMMET	
20	206314	WINDOW PLUG	
21	219618	M6 X 16MM LONG POZI PAN SCREW	
22	219863	M6 X 100MM LONG HEXAGONAL HEAD BOLT	
23	219393	P CLIP	
24	219003	M5 FORM A STEEL WASHER	
25	219088	M6 NYLON INSERT NUT	
26	219047	M5 X 10MM LONG POZI PAN SEMS SCREW	
27	329924	CHARGER ACCESS PANEL	
28	206647	PIVOT BUSH	
29	219586	10MM EXTERNAL CIRCLIP	
30	212997	6MM X 12MM X 12METERS ROLL INSEAL	
31	219008	M6 FORM G WASHER	
32	220386	UK TYPE CHARGING LEAD	
	221079	EURO TYPE CHARGING LEAD	
	220389	USA TYPE CHARGING LEAD	
33	208160	RUBBER MAT	
34	391266	88.5MM LONG X 10MM DIAMETER X 1MM WALL STAINLESS STEEL TUBE	
35	229303	BATTERY PLATE PAD	
36	303852	NUTSERTED SEAT PIVOT BRACKET / CHARGER PLATE	

Numatic International Spare Parts

Model No: TTV678 & TRO650 Charger/Charger Spacer/Batteries Assembly

NB: FOR WIRING SEE DRAWING: WD-0359, DRW-15631, DRW-13416, DRW-14741

234611
DRAWING: EXP-1039 ISS:A08
26/03/2014



Numatic International Spare Parts

Model No: TTV678 & TRO650 Charger/Charger Spacer/Batteries Assembly

ITEM:	PART No:	DESCRIPTION	COMMENTS:
1	205112	100 AMP/HOUR REPLACEMENT BATTERY (C/W PACKGING FOR 230138 BATTERY)	
2	206861	RED PVC TERMINAL CAP	
3	330194	220-240V MENTZER 35 AMP CHARGER C/W FERRITE	
	230187	110-120V MENTZER 30 AMP CHARGER (NO LIGHTS VERSION)	
4	220386	UK TYPE CHARGING LEAD	
	221079	EURO TYPE CHARGING LEAD	
	220389	USA TYPE CHARGING LEAD	
5	404190	NUTSERTED TOP CHARGER TRAY WELD ASSEMBLY PAINTED SILVER GREY	
6	219045	M5 X 16MM LONG POZI PAN SEMS SCREW	
7	329595	TOP SOCKET PLATE	
8	392354	IEC CONNECTOR BOX SPACER PLATE	
9	329355	PROCESSED SOCKET COVER MOULDING WITH LARGE HOLE	STANDARD MACHINE
	303629	SOCKET COVER MOULDING C/W LARGE MOULDED HOLE (WITH PROCESSED HOLES)	FLAME RETARDENT CSA SPEC
10	227781	FLAP MOULDING	
11	329297	SOCKET MOUNTING PLATE	
12	220391	3 PIN APPLIANCE SOCKET	
13	390979	72MM LONG X 3MM DIAMETER STAINLESS STEEL BAR	
14	219819	TORSION SPRING	
15	219832	3MM DIAMETER STARLOCK	
16	270193	NEON INDICATOR RED LENS 230V C/W LINK WIRES	
	270195	NEON INDICATOR RED LENS 120V C/W LINK WIRES	
17	219472	M4 X 16MM LONG POZI PAN SEMS SCREW	
18	219267	M4 X 25MM LONG POZI PAN SCREW	
19	404186	CHARGER BOX	
20	392346	CHARGER DEFLECTOR PLATE	
21	219047	M5 X 10MM LONG POZI PAN SEMS SCREW	
22	304497	NUTSERTED CHARGER SPACER BOX PAINTED SILVER GREY	CHARGERLESS MACHINES
23	392370	3MM BLACK SBS CONNECTOR SPACER	CHARGERLESS MACHINES
24	219631	19MM GROMMET	CHARGERLESS MACHINES
25	323178	LOOM ASSEMBLY – 4 CIRCUIT – CHARGER/INHITIBT LEAD	CHARGERLESS MACHINES
26	323177	LOOM ASSEMBLY – 1 CIRCUIT – CHARGER/INHITIBT LEAD	CHARGERLESS MACHINES
27	219519	M3 X 25MM LONG POZI PAN SCREW	CHARGERLESS MACHINES
28	219049	M5 X 12MM LONG POZI PAN SCREW	CHARGERLESS MACHINES
29	219493	M6 NYLON WASHER	CHARGERLESS MACHINES
30	291035	M5 NYLON INSERT NUT (STAINLESS STEEL)	CHARGERLESS MACHINES
31	208645	FOAM BATTERY SPACER	
32	208598	TTV678 POCKET BUNGEE CORD	CHARGERLESS MACHINES
33	304454	TTV678 POCKET PAINTED GREY - NUTSERTED	CHARGERLESS MACHINES
34	291008	M5 X 10MM LONG POZI PAN COUNTERSUNK STAINLESS STEEL SCREW	CHARGERLESS MACHINES
35	212262	50mm LONG -12MM X 4MM X 1500MM V6 OPEN CELL NATURAL SPONGE	
36	230097	AXIAL FERRITE BEAD	

Numatic International Spare Parts

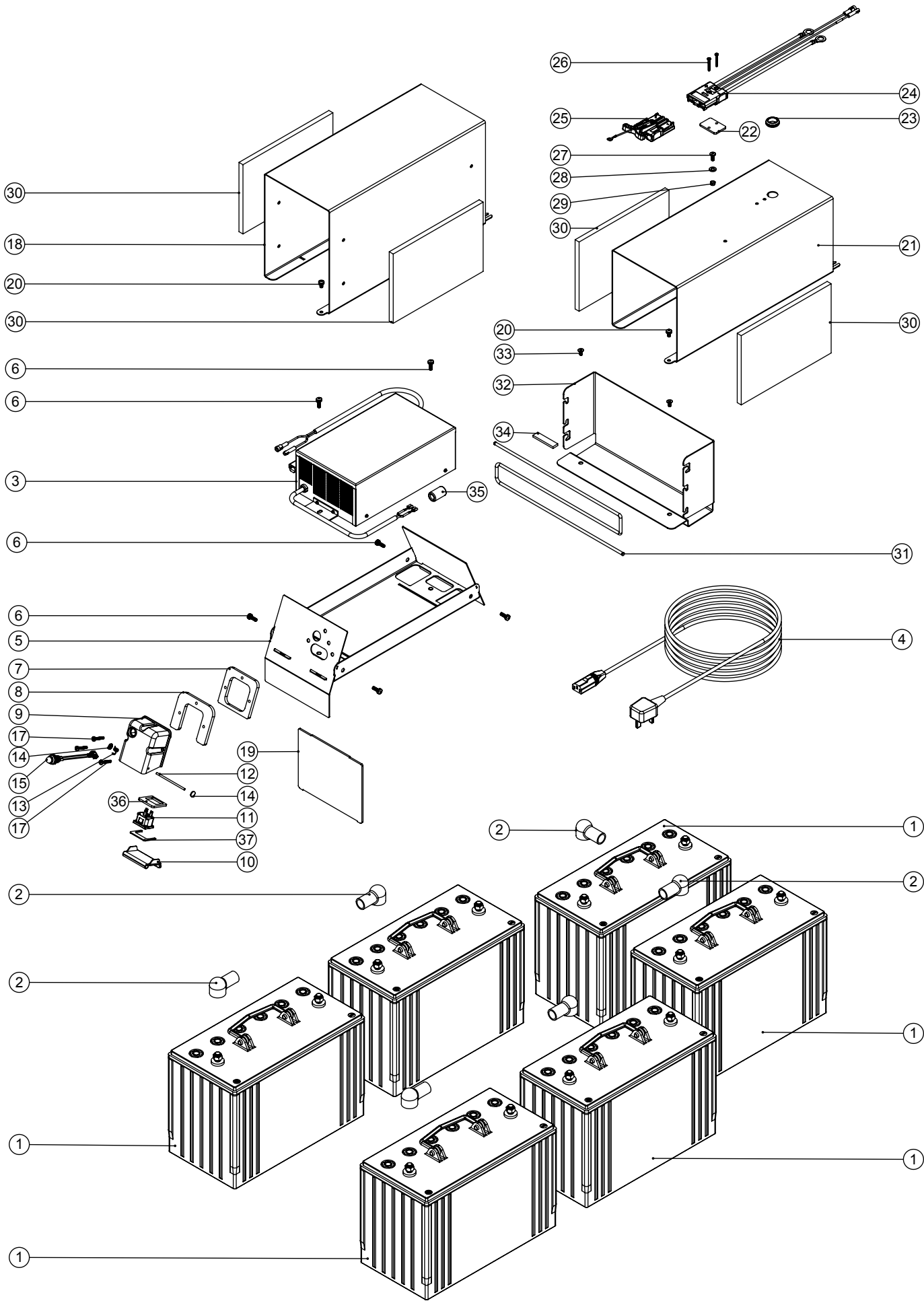
Model No: TTV678 & TRO650 CHARGER / CHARGER SPACER / BATTERIES ASSEMBLY EXPLODED DRAWING (EXP-1039)

NB: FOR WIRING SEE DRAWING: WD-0359, DRW-15631, DRW-13416, DRW-14741

Internal Code: 234611

DRAWING: EXP-1039 ISS:A10

PRO 21/10/2015



Numatic International Spare Parts

Model No: TTV678 & TRO650 CHARGER / CHARGER SPACER / BATTERIES ASSEMBLY EXPLODED DRAWING (EXP-1039)

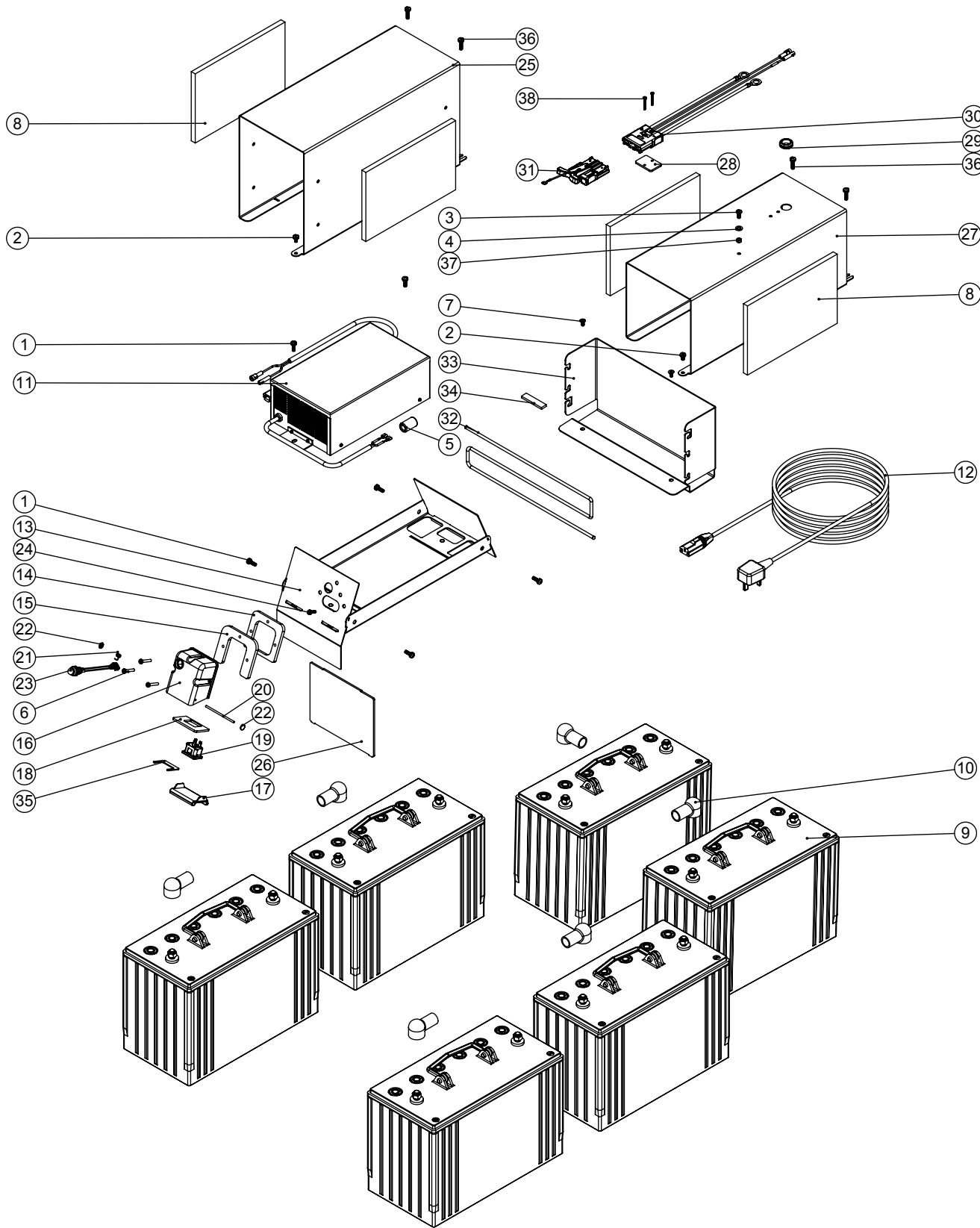
ITEM:	PART No:	Description	COMMENTS	QTY.
1	205112	100 AMP/HOUR REPLACEMENT BATTERY (C/W PACKGING FOR 230138 BATTERY)		6
2	206861	RED PVC TERMINAL CAP		6
3	230189	220-240V MENTZER 30 AMP CHARGER (NO LIGHTS VERSION)	TTV678/300T & TRO650	1
	230187	110-120V MENTZER 30 AMP CHARGER (NO LIGHTS VERSION)	TTV678/300T & TRO650	1
	230143	220-240V MENTZER 35 AMP CHARGER	WITHOUT REMOTE INDICATOR	1
4	220386	UK TYPE CHARGING LEAD		1
	221079	EURO TYPE CHARGING LEAD		1
	220389	USA TYPE CHARGING LEAD		1
5	404190	NUTSERTED TOP CHARGER TRAY WELD ASSEMBLY PAINTED SILVER GREY		1
6	219045	M5 X 16MM LONG POZI PAN SEMS SCREW		6
7	329595	TOP SOCKET PLATE		1
8	392354	IEC CONNECTOR BOX SPACER PLATE		1
9	329355	PROCESSED SOCKET COVER MOULDING WITH LARGE HOLE	STANDARD MACHINE	1
	303629	SOCKET COVER MOULDING C/W LARGE MOULDED HOLE (WITH PROCESSED HOLES)	FLAME RETARDANT CSA SPEC	1
10	227781	FLAP MOULDING		1
11	220391	3 PIN APPLIANCE SOCKET		1
12	390979	72MM LONG X 3MM DIAMETER STAINLESS STEEL BAR		1
13	219819	TORSION SPRING		1
14	219832	3MM DIAMETER STARLOCK		2
15	270193	NEON INDICATOR RED LENS 230V C/W LINK WIRES		1
	270195	NEON INDICATOR RED LENS 120V C/W LINK WIRES		1
16	219472	M4 X 16MM LONG POZI PAN SEMS SCREW		1
17	219267	M4 X 25MM LONG POZI PAN SCREW		3
18	404186	CHARGER BOX		1
19	392346	CHARGER DEFLECTOR PLATE		1
20	219047	M5 X 10MM LONG POZI PAN SEMS SCREW		2
21	304497	NUTSERTED CHARGER SPACER BOX PAINTED SILVER GREY	CHARGERLESS MACHINES	1
22	392370	3MM BLACK SBS CONNECTOR SPACER	CHARGERLESS MACHINES	1
23	219631	19MM GROMMET	CHARGERLESS MACHINES	1
24	323178	LOOM ASSEMBLY – 4 CIRCUIT – CHARGER/INHITIBT LEAD	CHARGERLESS MACHINES	1
25	323177	LOOM ASSEMBLY - 1 CIRCUIT - CHARGER/INHITIBT LEAD	CHARGERLESS MACHINES	1
26	219519	M3 X 25MM LONG POZI PAN SCREW	CHARGERLESS MACHINES	2
27	219049	M5 X 12MM LONG POZI PAN SCREW	CHARGERLESS MACHINES	1
28	219493	M6 NYLON WASHER	CHARGERLESS MACHINES	1
29	291035	M5 NYLON INSERT NUT (STAINLESS STEEL)	CHARGERLESS MACHINES	1
30	208645	FOAM BATTERY SPACER		4
31	208598	TTV678 POCKET BUNGEE CORD	CHARGERLESS MACHINES	1
32	304454	TTV678 POCKET PAINTED GREY - NUTSERTED	CHARGERLESS MACHINES	1
33	291008	M5 X 10MM LONG POZI PAN COUNTERSUNK STAINLESS STEEL SCREW	CHARGERLESS MACHINES	2
34	212262	50mm LONG -12MM X 4MM X 1500MM V6 OPEN CELL NATURAL SPONGE		1
35	230097	AXIAL FERRITE BEAD		1
36	901964	SOCKET MOUNTING PLATE		1
37	901963	SECONDARY SPACER		1

Numatic International Spare Parts

Model No: TTV678-300 CHARGER / CHARGER SPACER / BATTERIES ASSEMBLY EXPLODED DRAWING

Internal Code: 906732
PRO DRAWING: DRW-25880 ISS:A05
15/09/2017

NB: FOR WIRING SEE DRAWING: WD-0359, DRW-15631, DRW-13416, DRW-14741



Numatic International Spare Parts

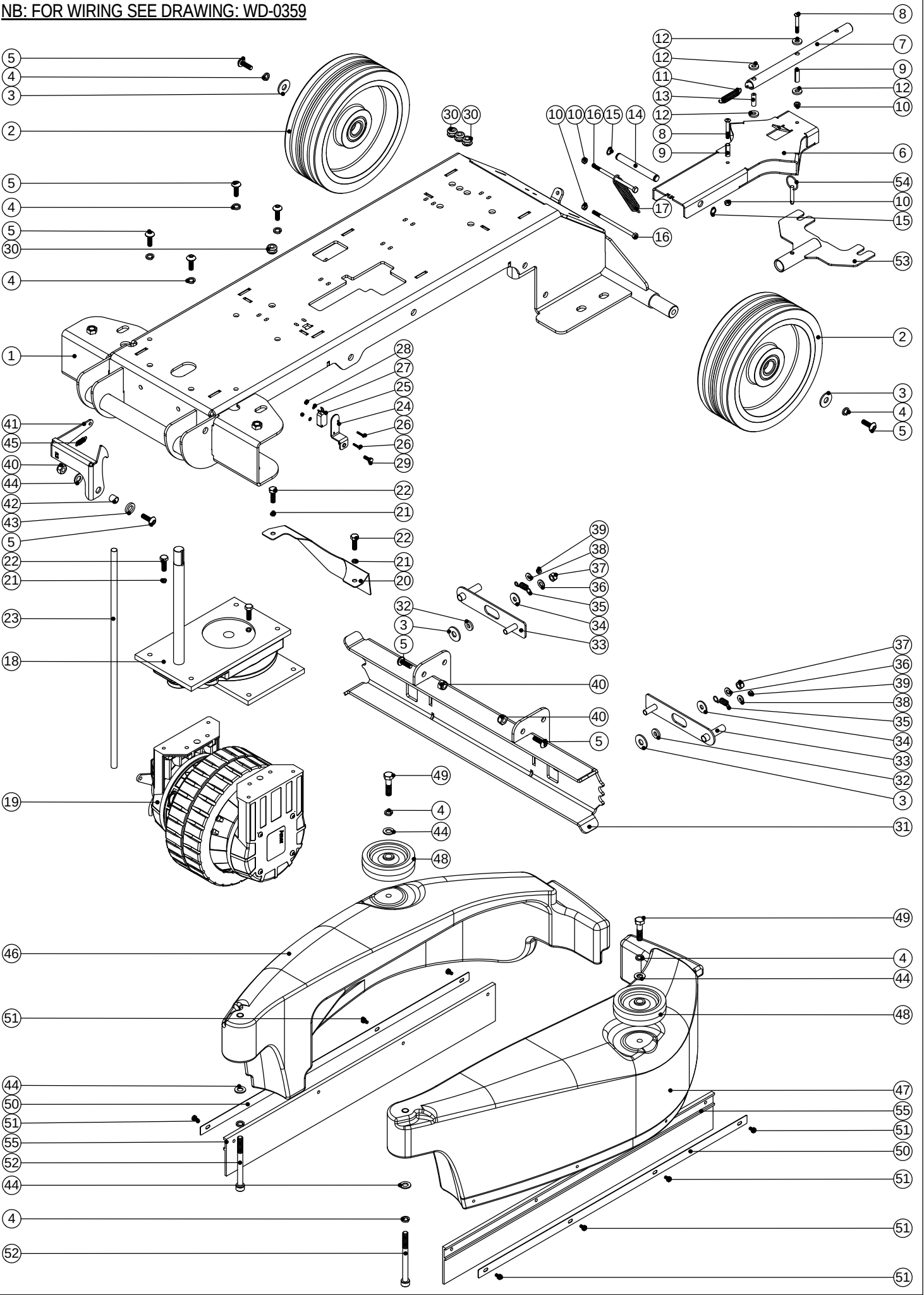
Model No: TTV678-300 CHARGER / CHARGER SPACER / BATTERIES ASSEMBLY EXPLODED DRAWING

ITEM NO.	PART NO:	DESCRIPTION	COMMENTS:	QTY.
1	291132	M5 X 16MM LONG STAINLESS STEEL POZI PAN SEMS SCREW		6
2	291135	M5 X 10MM LONG STAINLESS STEEL POZI PAN SEMS SCREW		2
3	219740	M5 X 12MM LONG STAINLESS STEEL POZI PAN SCREW	CHARGERLESS MACHINE	1
4	219493	M6 NYLON WASHER	CHARGERLESS MACHINE	1
5	230097	AXIAL FERRITE BEAD		1
6	291165	M4 X 25MM LONG POZI SCREW STAINLESS STEEL		3
7	291008	M5 X 10MM LONG POZI PAN COUNTERSUNK STAINLESS STEEL SCREW	CHARGERLESS MACHINE	2
8	208645	FOAM BATTERY SPACER		4
9	205112	100 AMP/HOUR REPLACEMENT BATTERY (C/W PACKING FOR 230138 BATTERY)		6
10	206861	RED PVC TERMINAL CAP		6
11	230189	220-240V MENTZER 30 AMP CHARGER (NO LIGHTS VERSION)	TTV678/300T	1
	230187	110-120V MENTZER 30 AMP CHARGER (NOLIGHTS VERSION)	TTV678/300T	1
	230143	220-240V MENTZER 35 AMP CHARGER	WITHOUT REMOTE INDICATOR	1
12	220386	UK TYPE CHARGING LEAD		1
	221079	EURO TYPE CHARGING LEAD		1
	220389	USA TYPE CHARGING LEAD		
13	404190	NUTSERTED TOP CHARGER TRAY WELD ASSEMBLY PAINTED SILVER GREY		1
14	329595	TOP SOCKET PLATE		1
15	392354	IEC CONNECTOR BOX SPACER PLATE		1
16	329355	SOCKET COVER MOULDING C/W LARGE MOULDED HOLE (WITH PROCESSED HOLES)	STANDARD MACHINE	1
	303629	SOCKET COVER MOULDING C/W LARGE MOULDED HOLE (WITH PROCESSED HOLES)	FLAME RETARDANT CSA SPEC	1
17	227781	FLAP MOULDING		1
18	329297	SOCKET MOUNTING PLATE		1
19	220391	3 PIN APPLIANCE SOCKET		1
20	390979	72MM LONG X 3MM DIAMETER STAINLESS STEEL BAR		1
21	219819	TORSION SPRING		1
22	219832	3MM DIAMETER STARLOCK		2
23	270193	NEON INDICATOR RED LENS 230V C/W LINK WIRES		1
	270195	NEON INDICATOR RED LENS 120V C/W LINK WIRES		1
24	219472	M4 X 16MM LONG POZI PAN SEMS SCREW		1
25	404186	CHARGER BOX		1
26	392346	CHARGER DEFLECTOR PLATE		1
27	304497	NUTSERTED CHARGER SPACER BOX PAINTED SILVER GREY	CHARGERLESS MACHINE	1
28	392370	3MM BLACK SBS CONNECTOR SPACER	CHARGERLESS MACHINE	1
29	219631	19MM GROMMET	CHARGERLESS MACHINE	1
30	323178	LOOM ASSEMBLY – 4 CIRCUIT – CHARGER/INHITIBT LEAD	CHARGERLESS MACHINE	1
31	323177	LOOM ASSEMBLY - 1 CIRCUIT - CHARGER/INHITIBT LEAD	CHARGERLESS MACHINE	1
32	208598	TTV678 POCKET BUNGEE CORD	CHARGERLESS MACHINE	1
33	304454	TTV678 POCKET PAINTED GREY - NUTSERTED	CHARGERLESS MACHINE	1
34	212262	50mm LONG -12MM X 4MM X 1500MM V6 OPEN CELL NATURAL SPONGE	CHARGERLESS MACHINE	1
35	901963	SECONDARY SPACER		1
36	291133	M5 X 20MM LONG STAINLESS STEEL POZI PAN SEMS SCREW		4
37	291035	M5 NYLON INSERT NUT (STAINLESS STEEL)		1
38	904052	M3 X 25MM LONG POZI PAN SCREW STAINLESS STEEL		2

Numatic International Spare Parts

Model No: Vario Chassis / Drive Motor Assembly

NB: FOR WIRING SEE DRAWING: WD-0359



234606
DRAWING: EXP-1034 ISS:A01
12/09/2008

Numatic International Spare Parts

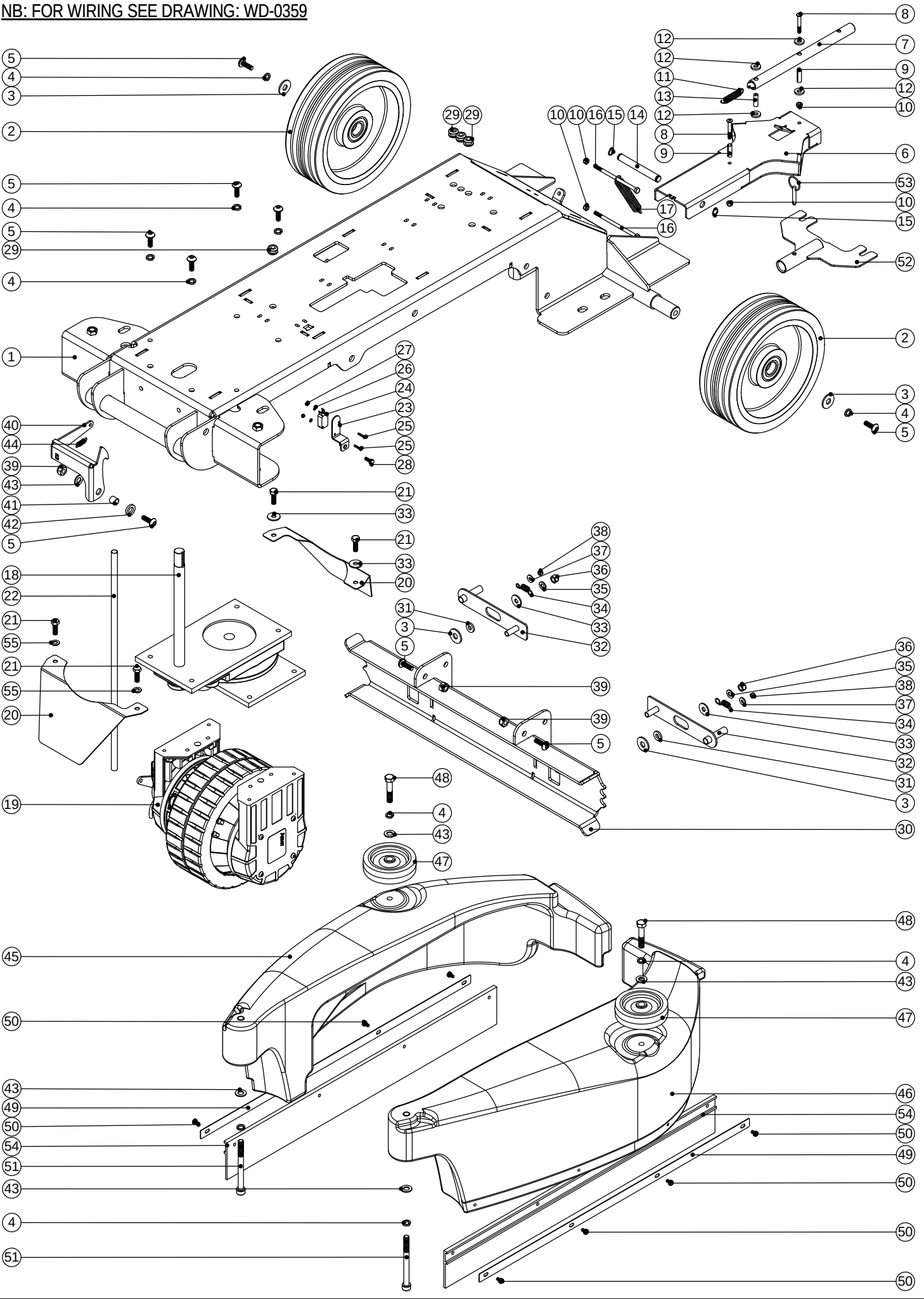
Model No: Vario Chassis / Drive Motor Assembly

POS:	ITEM NO:	DESCRIPTION:	COMMENTS:
1	303784	CHASSIS WELDED ASSEMBLY	
2	206939	254MM DIAMETER WHEEL	
3	219948	M10 PENNY WASHER	
4	219349	M10 SINGLE COIL WASHER	
5	219910	M10 X 25MM LONG SOCKET BUTTON HEAD STAINLESS STEEL SCREW	
6	303797	TOP/BOTTOM LIFTING PLATE WELDED ASSEMBLY	
7	303799	PIVOT TUBE WELDED ASSEMBLY	
8	219807	M6 X 40MM LONG SOCKET BUTTON HEAD BOLT	
9	206954	SPIRO SPACER	
10	219642	M6 NYLON INSERT STAINLESS STEEL HALF NUT	
11	206955	RETURN SPRING	
12	206964	SLIDE NYLON SPACER	
13	206963	VERTICAL NYLON SPACER	
14	206965	PIVOT AXLE	
15	219345	12MM EXTERNAL CIRCLIP	
16	219863	M6 X 110MM LONG HEXAGONAL HEAD BOLT	
17	20695V	SPRING	
18	206928	STEERING SYSTEM	
19	321450	MOTOR WHEEL & MODIFIED BRAKE LEAD ASSEMBLY	
20	329852	SPLASH GAURD	
21	219019	M8 SINGLE COIL SPRING WASHER	
22	219092	M8 X 25MM LONG HEX BOLT	
23	208091	PB15MM X 500MM LONG / SEALED ENDS / BLACK POLYESTER BRAIDING	
24	303841	NUTSERTED BRUSH DECK MICROSWITCH BRACKET	
25	229483	SNAP ACTION SWITCH	
26	219038	M3 X 16MM LONG SLOT SCREW	
27	219237	M3 FORM A WASHER	
28	219070	M3 NYLON INSERT NUT	
29	219045	M5 X 16MM LONG POZI PAN SEMS SCREW	
30	229025	STANDARD GROMMET	
31	303808	SIDE POD RUNNER WELDED ASSEMBLY	
32	219959	M8 PLASTIC WASHER	
33	303813	SIDE POD ADJUSTER BRACKET WELDED ASSEMBLY	
34	219716	M8 FORM G STAINLESS STEEL WASHER	
35	208079	EXTENSION SPRING	
36	219010	M8 FORM A WASHER	
37	219639	M8 STAINLESS STEEL NYLON INSERT NUT	
38	219005	M5 FORM G WASHER	
39	219076	M5 NYLON INSERT NUT	
40	219649	M10 NYLON INSERT NUT	
41	329849	BRUSH DECK FOOT PEDAL LATCH	
42	303810	12.7MM DIAMETER X 18G X 12.5MM LONG STAINLESS STEEL TUBE	
43	229346	SPACER	
44	219012	M10 FORM E WASHER	
45	208019	BRUSH PEDAL LATCH SPRING	
46	229834	RIGHT HAND SIDE POD MOULDING	
47	229835	LEFT HAND SIDE POD MOULDING	
48	329187	100MM WHEEL (MODIFIED)	
49	219968	M10 X 50MM LONG HEX HEAD BOLT Z/PL	
50	329843	SPLASH SKIRT FIXING STRIP	
51	219047	M5 X 10MM LONG POZI PAN SEMS SCREW	
52	219967	M10 X 110MM LONG SOCKET CAP SCREW	
53	303795	QUICK RELEASE TUBE/PLATE WELDED ASSEMBLY	
54	206953	DETENT PINS	
55	206947	SPLASH SKIRT	

Numatic International Spare Parts

Model No: Vario Chassis / Drive Motor Assembly

NB: FOR WIRING SEE DRAWING: WD-0359



234606
DRAWING: EXP-1034 ISS:A02
30/09/2009

Numatic International Spare Parts

Model No: Vario Chassis / Drive Motor Assembly

POS:	ITEM NO:	DESCRIPTION:	COMMENTS:
1	404038	CHASSIS WELDED ASSEMBLY (PAINTED ANTHRACITE GREY)	
2	206939	254MM DIAMETER WHEEL	
3	219948	M10 PENNY WASHER	
4	219349	M10 SINGLE COIL WASHER	
5	219910	M10 X 25MM LONG SOCKET BUTTON HEAD STAINLESS STEEL SCREW	
6	303797	TOP/BOTTOM LIFTING PLATE WELDED ASSEMBLY	
7	303799	PIVOT TUBE WELDED ASSEMBLY	
8	219807	M6 X 40MM LONG SOCKET BUTTON HEAD BOLT	
9	206954	SPIRO SPACER	
10	219642	M6 STAINLESS STEEL NYLON INSERT NUT	
11	206955	RETURN SPRING	
12	206964	SLIDE NYLON SPACER	
13	206963	VERTICAL NYLON SPACER	
14	206965	PIVOT AXLE	
15	219345	12MM EXTERNAL CIRCLIP	
16	219945	M6 X 110MM LONG HEXAGONAL HEAD BOLT ZINC PLATED	
17	20695V	SPRING	
18	206928	STEERING SYSTEM	
19	321450	MOTOR WHEEL & MODIFIED BRAKE LEAD ASSEMBLY	
20	329852	SPLASH GAURD	
21	219092	M8 X 25MM LONG HEX BOLT	
22	208091	PB15MM X 500MM LONG / SEALED ENDS / BLACK POLYESTER BRAIDING	
23	303841	NUTSERTED BRUSH DECK MICROSWITCH BRACKET	
24	229483	SNAP ACTION SWITCH	
25	219038	M3 X 16MM LONG SLOT SCREW	
26	219237	M3 FORM A WASHER	
27	219070	M3 NYLON INSERT NUT	
28	219045	M5 X 16MM LONG POZI PAN SEMS SCREW	
29	229025	STANDARD GROMMET	
30	303808	SIDE POD RUNNER WELDED ASSEMBLY	
31	219959	M8 PLASTIC WASHER	
32	303813	SIDE POD ADJUSTER BRACKET WELDED ASSEMBLY	
33	219716	M8 FORM G STAINLESS STEEL WASHER	
34	208079	EXTENSION SPRING	
35	219010	M8 FORM A WASHER	
36	219639	M8 STAINLESS STEEL NYLON INSERT NUT	
37	219005	M5 FORM G WASHER	
38	219076	M5 NYLON INSERT NUT	
39	219649	M10 NYLON INSERT NUT	
40	329849	BRUSH DECK FOOT PEDAL LATCH	
41	303810	12.7MM DIAMETER X 18G X 12.5MM LONG STAINLESS STEEL TUBE	
42	229346	SPACER	
43	219012	M10 FORM E WASHER	
44	208019	BRUSH PEDAL LATCH SPRING	
45	229834	RIGHT HAND SIDE POD MOULDING	
46	229835	LEFT HAND SIDE POD MOULDING	
47	329187	100MM WHEEL (MODIFIED)	
48	219968	M10 X 50MM LONG HEX HEAD BOLT Z/PL	
49	329843	SPLASH SKIRT FIXING STRIP	
50	219047	M5 X 10MM LONG POZI PAN SEMS SCREW	
51	219967	M10 X 110MM LONG SOCKET CAP SCREW	
52	303795	QUICK RELEASE TUBE/PLATE WELDED ASSEMBLY	
53	206953	DETENT PINS	
54	206947	SPLASH SKIRT	
55	219578	M8 FORM A STAINLESS STEEL WASHER	

Model No: TTV678 & TRO650 Chassis / Drive Motor Assembly

This is a detailed exploded view diagram of a mechanical assembly, likely a conveyor system component. The diagram shows various parts and sub-assemblies arranged in an exploded manner to illustrate their assembly sequence and relative positions. The parts are identified by numbered callouts ranging from 1 to 69. Key components include a large pulley at the top left, a motor or actuator at the bottom left, and a long, curved structural frame at the bottom. The diagram is a technical drawing with clean lines and no shading.

Model No: TTV678 & TRO650 Chassis / Drive Motor Assembly

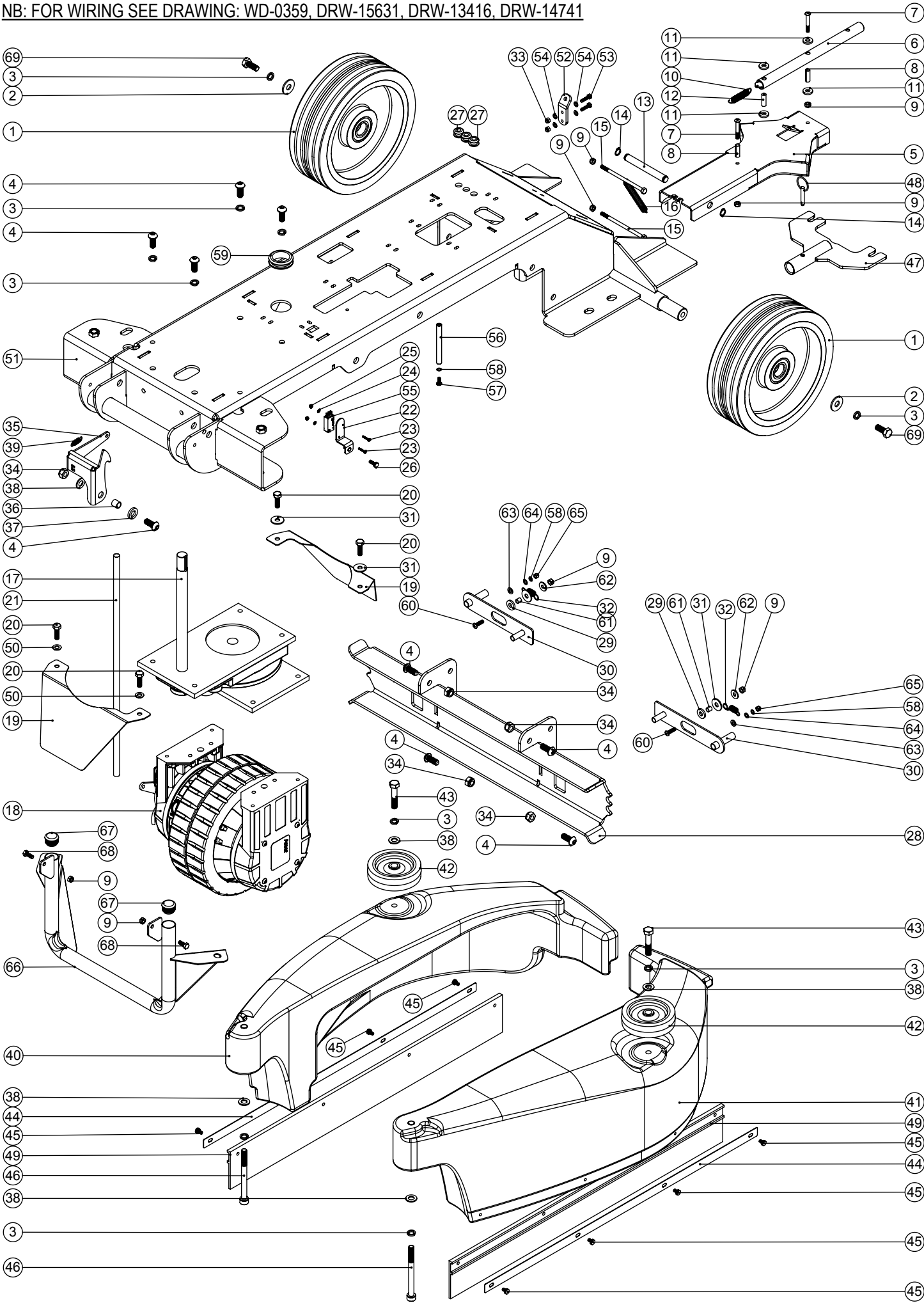
ITEM:	PART No:	DESCRIPTION	COMMENTS:
1	206939	254MM DIAMETER WHEEL	
2	219948	M10 PENNY WASHER	
3	219349	M10 SINGLE COIL WASHER	
4	219910	M10 X 25MM LONG SOCKET BUTTON HEAD STAINLESS STEEL SCREW	
5	303797	TOP/BOTTOM LIFTING PLATE WELDED ASSEMBLY	
6	303799	PIVOT TUBE WELDED ASSEMBLY	
7	219807	M6 X 40MM LONG SOCKET BUTTON HEAD BOLT	
8	206954	SPIRO SPACER	
9	219642	M6 STAINLESS STEEL NYLON INSERT NUT	
10	206955	RETURN SPRING	
11	206964	SLIDE NYLON SPACER	
12	206963	VERTICAL NYLON SPACER	
13	206965	PIVOT AXLE	
14	219345	12MM EXTERNAL CIRCLIP	
15	219945	M6 X 110MM LONG HEXAGONAL HEAD BOLT ZINC PLATED	
16	20695V	SPRING	
17	206928	STEERING SYSTEM	
18	321450	MOTOR WHEEL & MODIFIED BRAKE LEAD ASSEMBLY	
19	329852	SPLASH GAURD	
20	219092	M8 X 25MM LONG HEX BOLT	
21	208091	PB15MM X 500MM LONG / SEALED ENDS / BLACK POLYESTER BRAIDING	
22	303841	NUTSERED BRUSH DECK MICROSWITCH BRACKET	
23	219038	M3 X 16MM LONG SLOT SCREW	
24	219237	M3 FORM A WASHER	
25	219070	M3 NYLON INSERT NUT	
26	219045	M5 X 16MM LONG POZI PAN SEMS SCREW	
27	229025	STANDARD GROMMET	
28	303808	SIDE POD SLIDE PLATE WELDED ASSEMBLY	TTV678
	304457	TRO SIDE POD SLIDE PLATE ASSEMBLY	TRO650
29	219959	M8 PLASTIC WASHER	
30	303813	SIDE POD ADJUSTER BRACKET WELDED ASSEMBLY	TTV678
	304458	TRO RH SIDE POD ADJUSTER BRACKET WELD ASSEMBLY	TRO650
	304459	TRO LH SIDE POD ADJUSTER BRACKET WELD ASSEMBLY	TRO650
31	219716	M8 FORM G STAINLESS STEEL WASHER	
32	208079	EXTENSION SPRING	
33	219076	M5 NYLON INSERT NUT	
34	219649	M10 NYLON INSERT NUT	
35	329849	BRUSH DECK FOOT PEDAL LATCH	
36	303810	12.7MM DIAMETER X 18G X 12.5MM LONG STAINLESS STEEL TUBE	
37	229346	SPACER	
38	219012	M10 FORM E WASHER	
39	208019	BRUSH PEDAL LATCH SPRING	
40	229834	RIGHT HAND SIDE POD MOULDING	
41	229835	LEFT HAND SIDE POD MOULDING	
42	329187	100MM WHEEL (MODIFIED)	
43	219968	M10 X 50MM LONG HEX HEAD BOLT Z/PL	
44	329843	SPLASH SKIRT FIXING STRIP	
45	219047	M5 X 10MM LONG POZI PAN SEMS SCREW	
46	219967	M10 X 110MM LONG SOCKET CAP SCREW	
47	303795	QUICK RELEASE TUBE/PLATE WELDED ASSEMBLY	
48	206953	DETENT PINS	
49	206947	SPLASH SKIRT	
50	219578	M8 FORM A STAINLESS STEEL WASHER	
51	404038	CHASSIS WELDED ASSEMBLY (PAINTED ANTHRACITE GREY)	
52	329820	REAR CABLE PLATE	
53	291029	M5.20MM LG.HEX.SCREW S/S	
54	219355	M5 FORM A STAINLESS STEEL WASHER	
55	208748	IP RATED MICROSWITCH	
56	208804	87MM LONG ALUMINIUM SPACER	
57	219049	M5 X 12MM LONG POZI PAN SCREW	
58	219016	M5 SHAKEPROOF WASHER	
59	208144	38MM GROMMET X 6MM PANEL THICKNESS	
60	291010	M6 X 20MM LONG SOCKET BUTTON HEAD M/S Z/PL BOLT	
61	208475	8MM SPACER	
62	219647	M6 FORM G STAINLESS STEEL WASHER	
63	21927V	M6 FORM A WASHER	
64	219003	M5 FORM A STEEL WASHER	
65	219093	M5 DOMENUT	
66	404161	VARIO BUMPER WELD ASSEMBLY PAINT ANTHRACITE GREY	
67	20637V	25.4MM TUBE END STOP	
68	219719	M6 X 16MM LONG HEXAGONAL STAINLESS STEEL HEAD BOLT	
69	219909	M10 X 25MM LONG HEXAGONAL STAINLESS STEEL SCREW	

Numatic International Spare Parts

Model No: TTV678 & TRO650 CHASSIS / DRIVE MOTOR ASSEMBLY
EXPLODED DRAWING (EXP-1034)

Internal Code: 234606
PRO DRAWING: EXP-1034 ISS:A04
09/07/2015

NB: FOR WIRING SEE DRAWING: WD-0359, DRW-15631, DRW-13416, DRW-14741



Numatic International Spare Parts

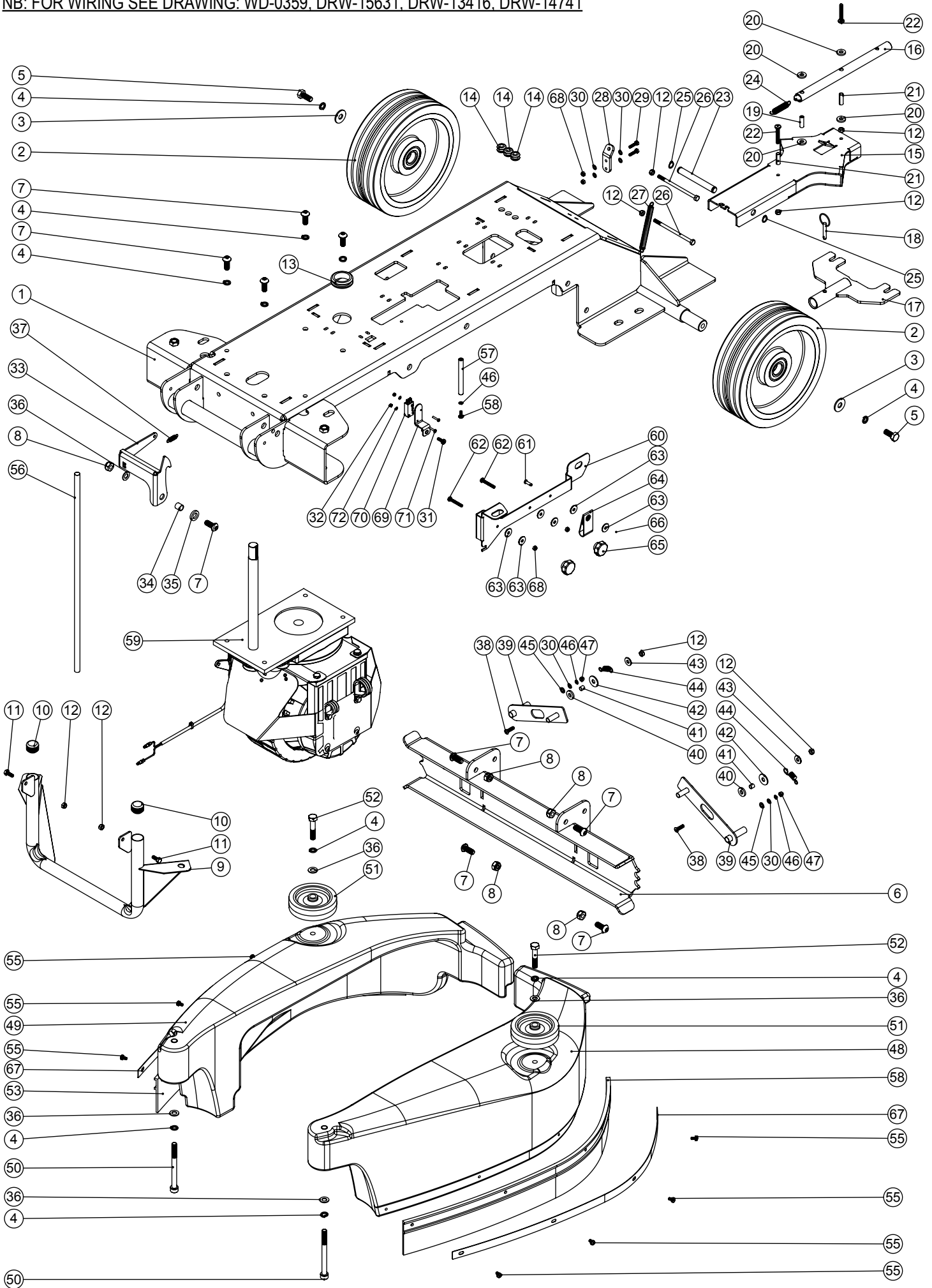
Model No: TTV678 & TRO650 CHASSIS / DRIVE MOTOR ASSEMBLY EXPLODED
DRAWING (EXP-1034)

ITEM:	PART No:	DESCRIPTION	COMMENTS:
1	206939	254MM DIAMETER WHEEL	
2	219948	M10 PENNY WASHER	
3	219349	M10 SINGLE COIL WASHER	
4	219910	M10 X 25MM LONG SOCKET BUTTON HEAD STAINLESS STEEL SCREW	
5	303797	TOP/BOTTOM LIFTING PLATE WELDED ASSEMBLY	
6	303799	PIVOT TUBE WELDED ASSEMBLY	
7	219807	M6 X 40MM LONG SOCKET BUTTON HEAD BOLT	
8	206954	SPIRO SPACER	
9	219642	M6 STAINLESS STEEL NYLON INSERT NUT	
10	206955	RETURN SPRING	
11	206964	SLIDE NYLON SPACER	
12	206963	VERTICAL NYLON SPACER	
13	206965	PIVOT AXLE	
14	219345	12MM EXTERNAL CIRCLIP	
15	219945	M6 X 110MM LONG HEXAGONAL HEAD BOLT ZINC PLATED	
16	20695V	SPRING	
17	206928	STEERING SYSTEM	
18	321450	MOTOR WHEEL & MODIFIED BRAKE LEAD ASSEMBLY	
19	329852	SPLASH GAURD	
20	219092	M8 X 25MM LONG HEX BOLT	
21	208091	PB15MM X 500MM LONG / SEALED ENDS / BLACK POLYESTER BRAIDING	
22	303841	NUTSERTED BRUSH DECK MICROSWITCH BRACKET	
23	219038	M3 X 16MM LONG SLOT SCREW	
24	219237	M3 FORM A WASHER	
25	219070	M3 NYLON INSERT NUT	
26	219045	M5 X 16MM LONG POZI PAN SEMS SCREW	
27	229025	STANDARD GROMMET	
28	901567	SIDE POD SLIDE PLATE ASSEMBLY ZINC PLATED	TTV678
	304457	TRO SIDE POD SLIDE PLATE ASSEMBLY	TRO650
29	219959	M8 PLASTIC WASHER	
30	303813	SIDE POD ADJUSTER BRACKET WELDED ASSEMBLY	TTV678
	304458	TRO RH SIDE POD ADJUSTER BRACKET WELD ASSEMBLY	TRO650
	304459	TRO LH SIDE POD ADJUSTER BRACKET WELD ASSEMBLY	TRO650
31	219716	M8 FORM G STAINLESS STEEL WASHER	
32	208079	EXTENSION SPRING	
33	219076	M5 NYLON INSERT NUT	
34	219649	M10 NYLON INSERT NUT	
35	329849	BRUSH DECK FOOT PEDAL LATCH	
36	303810	12.7MM DIAMETER X 18G X 12.5MM LONG STAINLESS STEEL TUBE	
37	229346	SPACER	
38	219012	M10 FORM E WASHER	
39	208019	BRUSH PEDAL LATCH SPRING	
40	229834	RIGHT HAND SIDE POD MOULDING	
41	229835	LEFT HAND SIDE POD MOULDING	
42	329187	100MM WHEEL (MODIFIED)	
43	219968	M10 X 50MM LONG HEX HEAD BOLT Z/PL	
44	329843	SPLASH SKIRT FIXING STRIP	
45	219047	M5 X 10MM LONG POZI PAN SEMS SCREW	
46	219967	M10 X 110MM LONG SOCKET CAP SCREW	
47	303795	QUICK RELEASE TUBE/PLATE WELDED ASSEMBLY	
48	206953	DETENT PINS	
49	206947	SPLASH SKIRT	
50	219578	M8 FORM A STAINLESS STEEL WASHER	
51	404038	CHASSIS WELDED ASSEMBLY (PAINTED ANTHRACITE GREY)	
52	404195	REAR CABLE PLATE PAINTED ANTHRACITE GREY	
53	291029	M5.20MM LG.HEX.SCREW S/S	
54	219355	M5 FORM A STAINLESS STEEL WASHER	
55	208748	IP RATED MICROSWITCH	
56	208804	87MM LONG ALUMINIUM SPACER	
57	219049	M5 X 12MM LONG POZI PAN SCREW	
58	219016	M5 SHAKEPROOF WASHER	
59	208144	38MM GROMMET X 6MM PANEL THICKNESS	
60	291010	M6 X 20MM LONG SOCKET BUTTON HEAD M/S Z/PL BOLT	
61	208475	8MM SPACER	
62	219647	M6 FORM G STAINLESS STEEL WASHER	
63	21927V	M6 FORM A WASHER	
64	219003	M5 FORM A STEEL WASHER	
65	219093	M5 DOMENUT	
66	404161	VARIO BUMPER WELD ASSEMBLY PAINT ANTHRACITE GREY	
67	20637V	25.4MM TUBE END STOP	
68	219719	M6 X 16MM LONG HEXAGONAL STAINLESS STEEL HEAD BOLT	
69	219909	M10 X 25MM LONG HEXAGONAL STAINLESS STEEL SCREW	

Numatic International Spare Parts

Model No: TTV678 & TRO650 CHASSIS / DRIVE MOTOR ASSEMBLY
EXPLODED DRAWING

NB: FOR WIRING SEE DRAWING: WD-0359, DRW-15631, DRW-13416, DRW-14741



Internal Code: 905585
DRAWING: DRW-24936 ISS:A07
PRO 15/09/2017

Numatic International Spare Parts

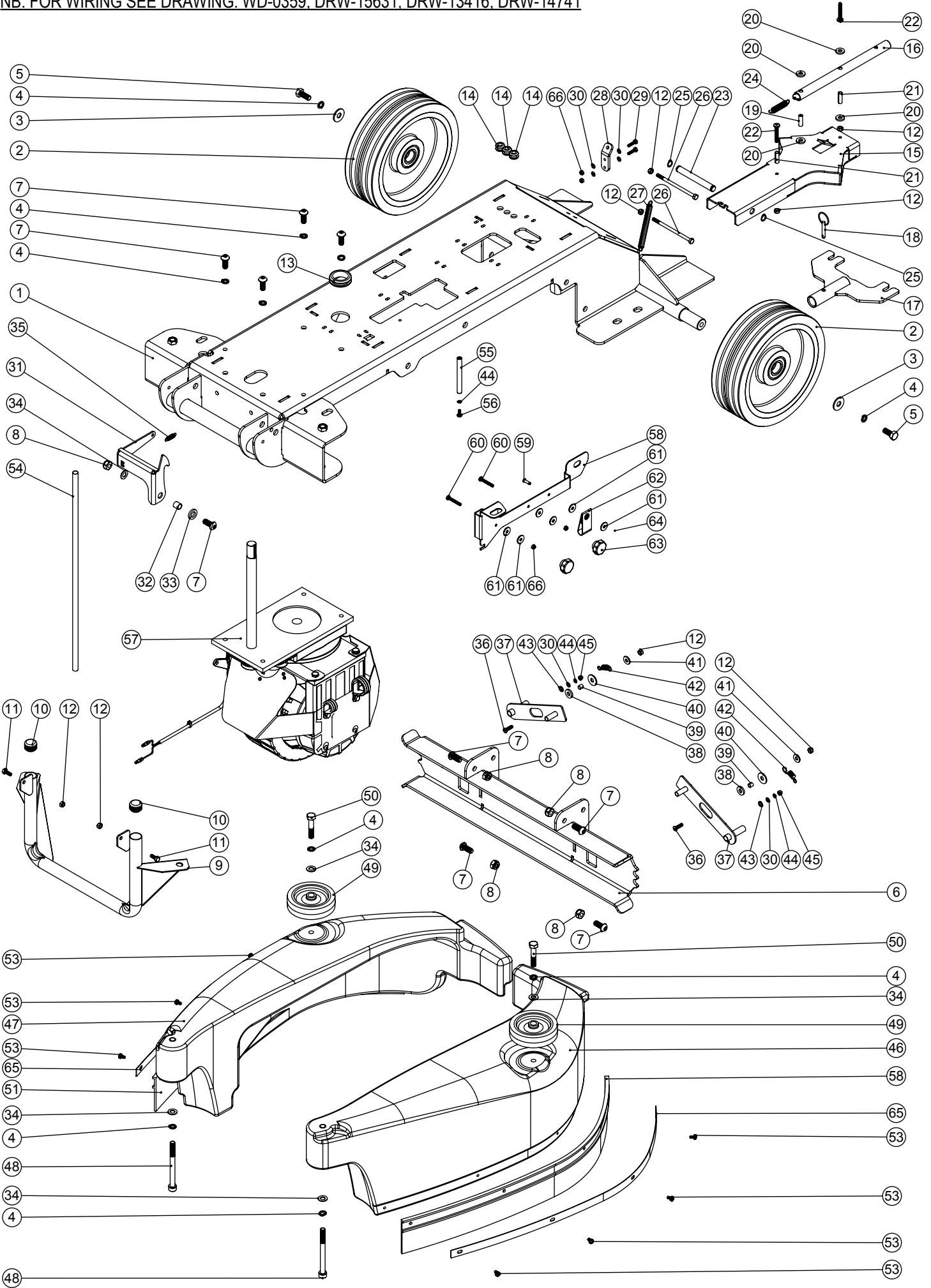
Model No: TTV678 & TRO650 CHASSIS / DRIVE MOTOR ASSEMBLY
EXPLODED DRAWING

POS.	ITEM NO.	DESCRIPTION	COMMENTS	QTY.
1	404038	CHASSIS WELDED ASSEMBLY (PAINTED ANTHRACITE GREY)		1
2	206939	254MM DIAMETER WHEEL		2
3	291124	M10 PENNY WASHER STAINLESS STEEL		2
4	219899	M10 SINGLE COIL STAINLESS STEEL WASHER		10
5	219909	M10 X 25MM LONG HEXAGONAL STAINLESS STEEL SCREW		2
6	901567	SIDE POD SLIDE PLATE ASSEMBLY ZINC PLATED	TTV678	1
	304457	TRO SIDE POD SLIDE PLATE ASSEMBLY ZINC PLATED	TRO650	1
7	219910	M10 X 25MM LONG SOCKET BUTTON HEAD STAINLESS STEEL SCREW		9
8	219897	M10 STAINLESS STEEL NYLON INSERT NUT		5
9	404161	VARIO BUMPER WELD ASSEMBLY PAINT ANTHRACITE GREY		1
10	20637V	25.4MM TUBE END STOP		2
11	219719	M6 X 16MM LONG HEXAGONAL STAINLESS STEEL HEAD BOLT		2
12	219642	M6 STAINLESS STEEL NYLON INSERT NUT		8
13	208144	38MM GROMMET X 6MM PANEL THICKNESS		1
14	229025	STANDARD GROMMET		3
15	303797	TOP/BOTTOM LIFTING PLATE WELDED ASSEMBLY		1
16	303799	PIVOT TUBE WELDED ASSEMBLY		1
17	303795	QUICK RELEASE TUBE/PLATE WELDED ASSEMBLY		1
18	206953	DETENT PINS		1
19	206963	VERTICAL NYLON SPACER		1
20	206964	SLIDE NYLON SPACER		4
21	206954	SPIRO SPACER		2
22	902522	M6 X 40MM LONG SOCKET BUTTON HEAD STAINLESS STEEL BOLT		2
23	206965	PIVOT AXLE		1
24	206955	RETURN SPRING		1
25	905551	12MM EXTERNAL CIRCLIP ST/ST		2
26	905559	M6 X 110MM LONG HEXAGONAL HEAD BOLT ST/ST		2
27	20695V	SPRING		1
28	404195	REAR CABLE PLATE PAINTED ANTHRACITE GREY		1
29	291029	M5.20MM LG.HEX.SCREW S/S		2
30	219355	M5 FORM A STAINLESS STEEL WASHER		6
31	291132	M5 X 16MM LONG STAINLESS STEEL POZI PAN SEMS SCREW		1
32	291154	M3 NYLON INSERT NUT STAINLESS STEEL		2
33	329849	BRUSH DECK FOOT PEDAL LATCH		1
34	303810	12.7MM DIAMETER X 18G X 12.5MM LONG STAINLESS STEEL TUBE		1
35	229346	SPACER		1
36	219903	M10 FORM A STAINLESS STEEL WASHER		5
37	208019	BRUSH PEDAL LATCH SPRING		1
38	905556	M6 X 20MM LONG SOCKET BUTTON HEAD ST/ST BOLT		2
39	303813	SIDE POD ADJUSTER BRACKET WELDED ASSEMBLY	TTV678	2
	304458	TRO RH SIDE POD ADJUSTER BRACKET WELD ASSEMBLY	TRO650	1
	304459	TRO LH SIDE POD ADJUSTER BRACKET WELD ASSEMBLY	TRO650	1
40	219959	M8 PLASTIC WASHER		2
41	208475	8MM SPACER		2
42	219716	M8 FORM G STAINLESS STEEL WASHER		2
43	219647	M6 FORM G STAINLESS STEEL WASHER		2
44	208079	EXTENSION SPRING		2
45	219870	M6 FORM A WASHER STAINLESS STEEL		2
46	291084	WASHER.M5.SHAKEPROOF.STAINLESS STEEL		3
47	219645	M5 STAINLESS STEEL DOME NUT		2
48	229835	LEFT HAND SIDE POD MOULDING		1
49	229834	RIGHT HAND SIDE POD MOULDING		1
50	904944	M10 X 110 SOCKET CAP SCREW STAINLESS STEEL		2
51	329187	100MM WHEEL (MODIFIED)		2
52	905557	M10 X 50MM LONG HEX HEAD BOLT ST/ST		2
53	206947	SPLASH SKIRT		2
55	291135	M5 X 10MM LONG STAINLESS STEEL POZI PAN SEMS SCREW		8
56	208091	PB1.5MM X 500MM LONG / SEALED ENDS / BLACK POLYESTER BRAIDING		1
57	208804	87MM LONG ALUMINIUM SPACER		1
58	219740	M5 X 12MM LONG STAINLESS STEEL POZI PAN SCREW		1
59	N/A	VARIO DRIVE WHEEL ASSEMBLY	SEE DRW-24377	1
60	904918	POWER PLUG BRACKET		1
61	904922	CLEVIS PIN 3/16 x 5/8 STAINLESS STEEL		1
62	219661	M5 X 35MM LONG POZI PAN STAINLESS STEEL SCREW		2
63	291118	M5 STAINLESS STEEL WASHER 19MM OD		6
64	904919	RETAINING STRAP		1
65	208455	TTB 1840 SQUEEGEE KNOB		2
66	904923	MINI R-CLIP STAINLESS STEEL		1
67	329843	VARIO SPLASH SKIRT FIXING STRIP		2
68	291035	M5 NYLON INSERT NUT (STAINLESS STEEL)		4
69	303841	NUTSERTED BRUSH DECK MICROSWITCH BRACKET		1
70	208748	IP RATED MICROSWITCH		1
71	902065	M3 X 16MM LONG POZI PAN SCREW STAINLESS STEEL		2
72	219501	M3 FORM A STAINLESS STEEL WASHER		2

Numatic International Spare Parts

Model No: TTV678 & TRO650 CHASSIS / DRIVE MOTOR ASSEMBLY
EXPLODED DRAWING

NB: FOR WIRING SEE DRAWING: WD-0359, DRW-15631, DRW-13416, DRW-14741



Internal Code: 905585
DRAWING: DRW-24936 ISS:A09
PRO 06/10/2017

Numatic International Spare Parts

Model No: TTV678 & TRO650 CHASSIS / DRIVE MOTOR ASSEMBLY
EXPLODED DRAWING

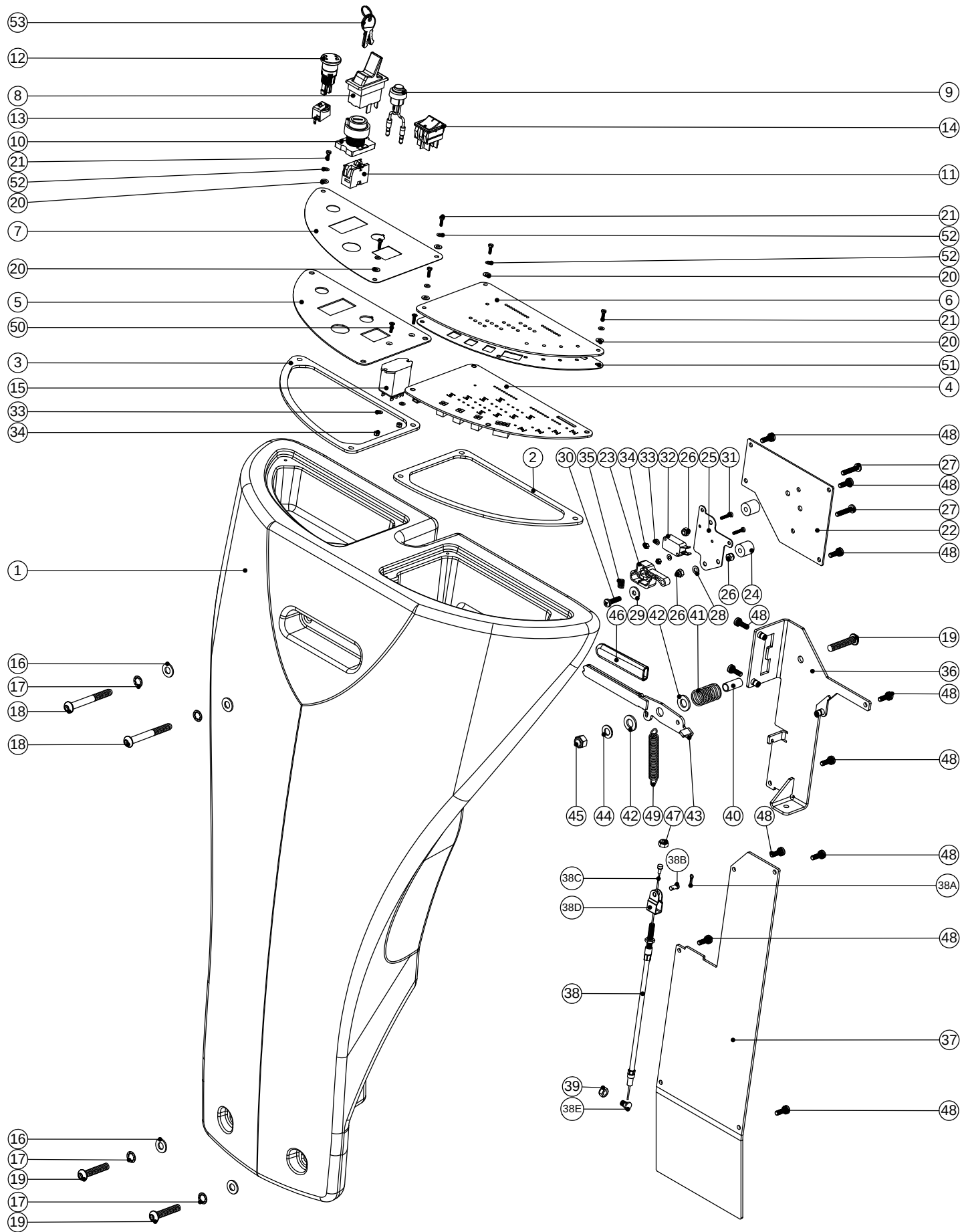
POS.	ITEM NO.	DESCRIPTION	COMMENTS	QTY.
1	404038	CHASSIS WELDED ASSEMBLY (PAINTED ANTHRACITE GREY)		1
2	206939	254MM DIAMETER WHEEL		2
3	291124	M10 PENNY WASHER STAINLESS STEEL		2
4	219899	M10 SINGLE COIL STAINLESS STEEL WASHER		10
5	219909	M10 X 25MM LONG HEXAGONAL STAINLESS STEEL SCREW		2
6	901567	SIDE POD SLIDE PLATE ASSEMBLY ZINC PLATED	TTV678	1
	304457	TRO SIDE POD SLIDE PLATE ASSEMBLY ZINC PLATED	TRO650	1
7	219910	M10 X 25MM LONG SOCKET BUTTON HEAD STAINLESS STEEL SCREW		9
8	219897	M10 STAINLESS STEEL NYLON INSERT NUT		5
9	404161	VARIO BUMPER WELD ASSEMBLY PAINT ANTHRACITE GREY		1
10	20637V	25.4MM TUBE END STOP		2
11	219719	M6 X 16MM LONG HEXAGONAL STAINLESS STEEL HEAD BOLT		2
12	219642	M6 STAINLESS STEEL NYLON INSERT NUT		8
13	208144	38MM GROMMET X 6MM PANEL THICKNESS		1
14	229025	STANDARD GROMMET		3
15	303797	TOP/BOTTOM LIFTING PLATE WELDED ASSEMBLY		1
16	303799	PIVOT TUBE WELDED ASSEMBLY		1
17	303795	QUICK RELEASE TUBE/PLATE WELDED ASSEMBLY		1
18	206953	DETENT PINS		1
19	206963	VERTICAL NYLON SPACER		1
20	206964	SLIDE NYLON SPACER		4
21	206954	SPIRO SPACER		2
22	902522	M6 X 40MM LONG SOCKET BUTTON HEAD STAINLESS STEEL BOLT		2
23	206965	PIVOT AXLE		1
24	206955	RETURN SPRING		1
25	905551	12MM EXTERNAL CIRCLIP ST/ST		2
26	905559	M6 X 110MM LONG HEXAGONAL HEAD BOLT ST/ST		2
27	20695V	SPRING		1
28	404195	REAR CABLE PLATE PAINTED ANTHRACITE GREY		1
29	291029	M5.20MM LG.HEX.SCREW S/S		2
30	219355	M5 FORM A STAINLESS STEEL WASHER		6
31	329849	BRUSH DECK FOOT PEDAL LATCH		1
32	303810	12.7MM DIAMETER X 18G X 12.5MM LONG STAINLESS STEEL TUBE		1
33	229346	SPACER		1
34	219903	M10 FORM A STAINLESS STEEL WASHER		5
35	208019	BRUSH PEDAL LATCH SPRING		1
36	905556	M6 X 20MM LONG SOCKET BUTTON HEAD ST/ST BOLT		2
37	303813	SIDE POD ADJUSTER BRACKET WELDED ASSEMBLY	TTV678	2
	304458	TRO RH SIDE POD ADJUSTER BRACKET WELD ASSEMBLY	TRO650	1
	304459	TRO LH SIDE POD ADJUSTER BRACKET WELD ASSEMBLY	TRO650	1
38	219959	M8 PLASTIC WASHER		2
39	208475	8MM SPACER		2
40	219716	M8 FORM G STAINLESS STEEL WASHER		2
41	219647	M6 FORM G STAINLESS STEEL WASHER		2
42	208079	EXTENSION SPRING		2
43	219870	M6 FORM A WASHER STAINLESS STEEL		2
44	291084	WASHER.M5.SHAKEPROOF.STAINLESS STEEL		3
45	219645	M5 STAINLESS STEEL DOME NUT		2
46	229835	LEFT HAND SIDE POD MOULDING		1
47	229834	RIGHT HAND SIDE POD MOULDING		1
48	904944	M10 X 110 SOCKET CAP SCREW STAINLESS STEEL		2
49	329187	100MM WHEEL (MODIFIED)		2
50	905557	M10 X 50MM LONG HEX HEAD BOLT ST/ST		2
51	206947	SPLASH SKIRT		2
53	291135	M5 X 10MM LONG STAINLESS STEEL POZI PAN SEMS SCREW		8
54	208091	PB15MM X 500MM LONG / SEALED ENDS / BLACK POLYESTER BRAIDING		1
55	208804	87MM LONG ALUMINIUM SPACER		1
56	219740	M5 X 12MM LONG STAINLESS STEEL POZI PAN SCREW		1
57	N/A	VARIO DRIVE WHEEL ASSEMBLY	SEE DRW-24377	1
58	904918	POWER PLUG BRACKET		1
59	904922	CLEVIS PIN 3/16 x 5/8 STAINLESS STEEL		1
60	219661	M5 X 35MM LONG POZI PAN STAINLESS STEEL SCREW		2
61	291118	M5 STAINLESS STEEL WASHER 19MM OD		6
62	904919	RETAINING STRAP		1
63	208455	TTB 1840 SQUEEGEE KNOB		2
64	904923	MINI R-CLIP STAINLESS STEEL		1
65	329843	VARIO SPLASH SKIRT FIXING STRIP		2
66	291035	M5 NYLON INSERT NUT (STAINLESS STEEL)		4

Numatic International Spare Parts

Model No: Vario Front Moulding/Lever/Panel Assembly

234609
DRAWING: EXP-1037 ISS:A01
20/10/2008

NB: FOR WIRING SEE DRAWING: WD-0359



Numatic International Spare Parts

Model No: Vario Front Moulding/Lever/Panel Assembly

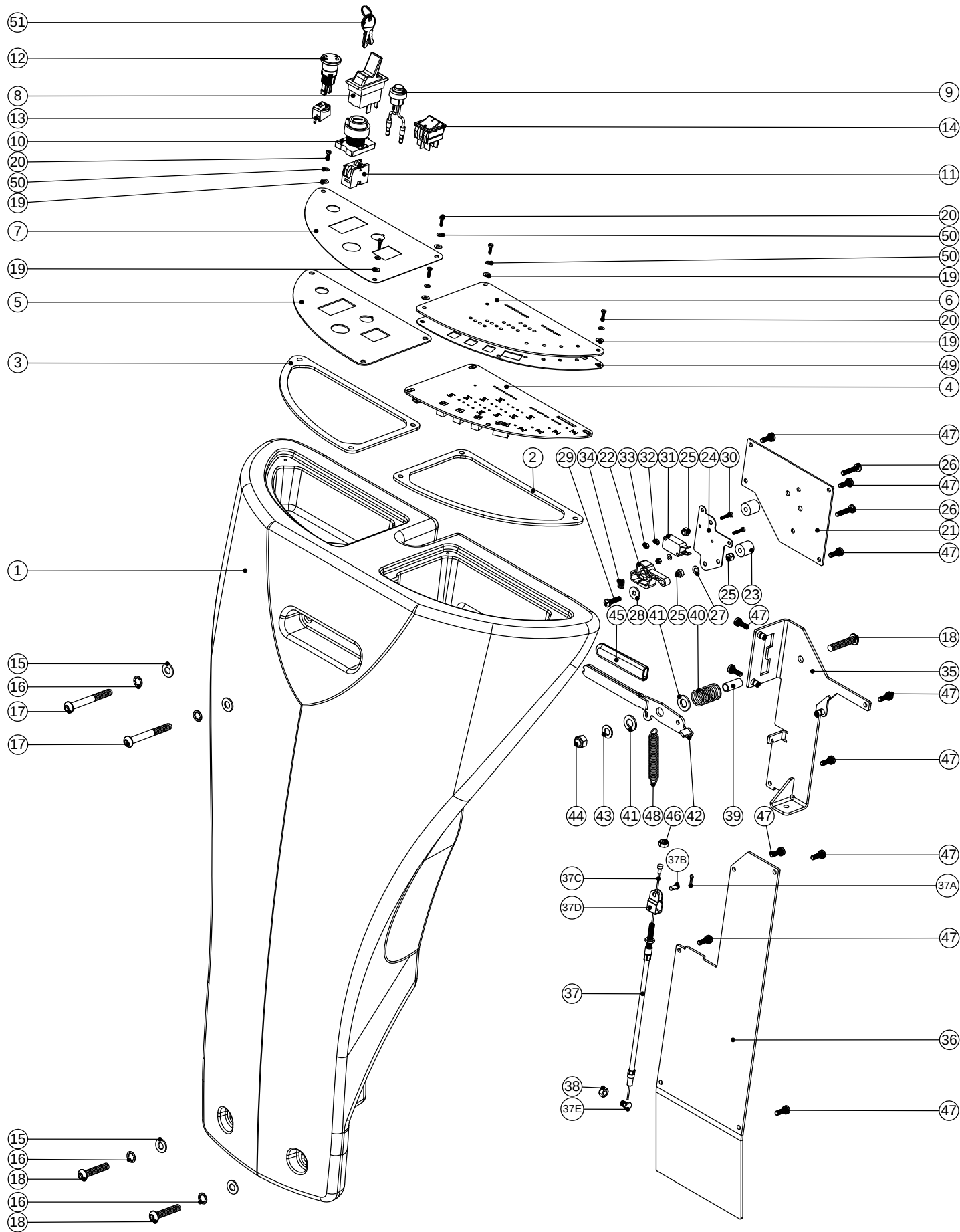
POS:	ITEM NO:	DESCRIPTION:	COMMENTS:
1	229858	STEERING COLUMN MOULDING	
2	208096	PCB GASKET	
3	208097	KEY PANEL GASKET	
4	206888	USB CONTROL PANEL / PCB	
5	429116	KEY & E STOP PANEL (PAINTED GRAPHITE GREY)	
6	208048	RIDE ON DISPLAY PANEL MEMBRANE (PEDAL VERSION)	
7	208128	KEY & E STOP OVERLAY STICKER	
8	206933	PADDLE SWITCH	
9	321449	HORN SWITCH & SOLDERED LEAD ASSEMBLY	
10	208138	KEY SWITCH (2 POSITION) C/W 2 KEYS	
11	208137	KEY SWITCH ACTUATOR BLOCK	
12	206901	EMERGENCY STOP (A01ES) 24MM DIAMETER BUTTON	
13	208095	SWITCH BLOCK (SINGLE POLE / 2 POSITION) (A0151B)	
14	220843	BLUE ROCKER SWITCH	
15	230147	24V RELAY	
16	219010	M8 FORM A WASHER	
17	219018	M8 SHAKEPROOF WASHER	
18	219806	M8 X 70MM LONG SOCKET BUTTON HEAD BOLT	
19	219865	M8 X 40MM LONG SOCKET BOLT	
20	219688	M4 FORM A STAINLESS STEEL WASHER	
21	219236	M3 X 10MM LONG SLOT SCREW	
22	404050	LEVER SWITCH PLATE PAINTED BLACK	
23	227587	CENTRE SWITCH OPERATING LEVER MOULDING	
24	219587	15.39MM O/D X 5.16MM I/D X 15.88MM LONG NYLON SPACER	
25	329831	LEVER SWITCH PLATE 2	
26	219076	M5 NYLON INSERT NUT	
27	219575	M5 X 25MM LONG POZI PAN STAINLESS STEEL SCREW	
28	219003	M5 FORM A STEEL WASHER	
29	219005	M5 FORM G WASHER	
30	219054	M5 X 20MM LONG POZI PAN SCREW	
31	219500	M3 X 16MM LONG STAINLESS STEEL SLOT SCREW	
32	229483	SNAP ACTION SWITCH	
33	219237	M3 FORM A WASHER	
34	219070	M3 NYLON INSERT NUT	
35	219804	SWITCH COMPRESSION SPRING	
36	303790	LEVER PIVOT/SELECTOR PLATE WELDED ASSEMBLY	
38A	208155	COTTER PIN	
38B	208158	CABLE U BRACKET PIN	
38C	208154	INNER CABLE	
38D	208157	CABLE U BRACKET	
38E	208156	CABLE NIPPLE	
37	329912	STEERING COLUMN COVER	
38	206959	LIFTING CABLE ASSEMBLY	INCLUDES ITEMS: 38A,38B,38C,38D,38E
39	219853	M6 NYLOC HALF NUT (STAINLESS STEEL)	
40	391191	LEVER PIVOT SPACER (S/S 10MM O/D 8MM I/D X 24MM LONG)	
41	219592	COMPRESSION SPRING	
42	219449	M10 FORM A WASHER	
43	303789	LEVER PLATE WELD ASSEMBLY	
44	219578	M8 FORM A STAINLESS STEEL WASHER	
45	219078	M8 NYLON INSERT NUT	
46	206991	LEVER HANDLE MOULDING	
47	219642	M6 NYLON INSERT STAINLESS STEEL HALF NUT	
48	219045	M5 X 16MM LONG POZI PAN SEMS SCREW	
49	226093	EXTENSION SPRING	
50	219778	M3 X 10MM COUNTERSUNK POZI PAN SCREW Z/PL	
51	329926	VARIO PCB PLASTIC COVER PLATE	
52	219501	M3 FORM A STAINLESS STEEL WASHER	
53	208167	SPARE SET OF KEYS (2 KEYS)	

Numatic International Spare Parts

Model No: Vario Front Moulding/Lever/Panel Assembly

234609
DRAWING: EXP-1037 ISS:A02
06/01/2009

NB: FOR WIRING SEE DRAWING: WD-0359



Numatic International Spare Parts

Model No: Vario Front Moulding/Lever/Panel Assembly

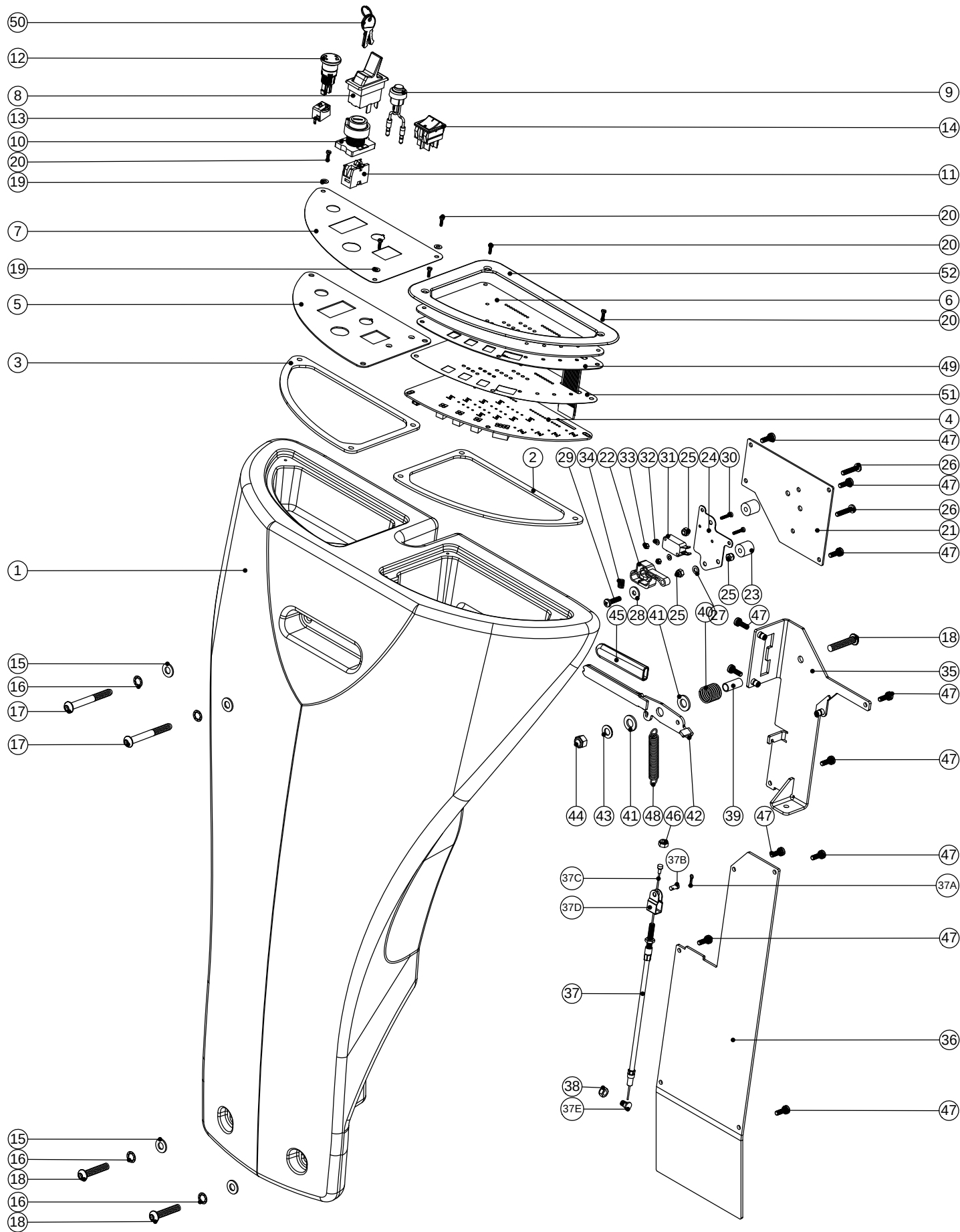
POS:	ITEM NO:	DESCRIPTION:	COMMENTS:
1	229858	STEERING COLUMN MOULDING	
2	208096	PCB GASKET	
3	208097	KEY PANEL GASKET	
4	208168	USB CONTROL PANEL / PCB (MK2)	
5	429116	KEY & E STOP PANEL (PAINTED GRAPHITE GREY)	MACHINES BUILT BEFORE 12/01/09 USE AO7 ISSUE
6	208048	RIDE ON DISPLAY PANEL MEMBRANE (PEDAL VERSION)	
7	208128	KEY & E STOP OVERLAY STICKER	
8	206933	PADDLE SWITCH	
9	321449	HORN SWITCH & SOLDERED LEAD ASSEMBLY	
10	208138	KEY SWITCH (2 POSITION) C/W 2 KEYS	
11	208137	KEY SWITCH ACTUATOR BLOCK	
12	206901	EMERGENCY STOP (A01ES) 24MM DIAMETER BUTTON	
13	208095	SWITCH BLOCK (SINGLE POLE / 2 POSITION) (A0151B)	
14	220843	BLUE ROCKER SWITCH	
15	219010	M8 FORM A WASHER	
16	219018	M8 SHAKEPROOF WASHER	
17	219806	M8 X 70MM LONG SOCKET BUTTON HEAD BOLT	
18	219865	M8 X 40MM LONG SOCKET BOLT	
19	219688	M4 FORM A STAINLESS STEEL WASHER	
20	219236	M3 X 10MM LONG SLOT SCREW	
21	404050	LEVER SWITCH PLATE PAINTED BLACK	
22	227587	CENTRE SWITCH OPERATING LEVER MOULDING	
23	219587	15.39MM O/D X 5.16MM I/D X 15.88MM LONG NYLON SPACER	
24	329831	LEVER SWITCH PLATE 2	
25	219076	M5 NYLON INSERT NUT	
26	219575	M5 X 25MM LONG POZI PAN STAINLESS STEEL SCREW	
27	219003	M5 FORM A STEEL WASHER	
28	219005	M5 FORM G WASHER	
29	219054	M5 X 20MM LONG POZI PAN SCREW	
30	219500	M3 X 16MM LONG STAINLESS STEEL SLOT SCREW	
31	229483	SNAP ACTION SWITCH	
32	219237	M3 FORM A WASHER	
33	219070	M3 NYLON INSERT NUT	
34	219804	SWITCH COMPRESSION SPRING	
35	303790	LEVER PIVOT/SELECTOR PLATE WELDED ASSEMBLY	
36	329912	STEERING COLUMN COVER	
37	206959	LIFTING CABLE ASSEMBLY	INCLUDES ITEMS: 37A,37B,37C,37D,37E
37A	208155	COTTER PIN	
37B	208158	CABLE U BRACKET PIN	
37C	208154	INNER CABLE	
37D	208157	CABLE U BRACKET	
37E	208156	CABLE NIPPLE	
38	219853	M6 NYLOC HALF NUT (STAINLESS STEEL)	
39	391191	LEVER PIVOT SPACER (S/S 10MM O/D 8MM I/D X 24MM LONG)	
40	219592	COMPRESSION SPRING	
41	219449	M10 FORM A WASHER	
42	303789	LEVER PLATE WELD ASSEMBLY	
43	219578	M8 FORM A STAINLESS STEEL WASHER	
44	219078	M8 NYLON INSERT NUT	
45	206991	LEVER HANDLE MOULDING	
46	219642	M6 NYLON INSERT STAINLESS STEEL HALF NUT	
47	219045	M5 X 16MM LONG POZI PAN SEMS SCREW	
48	226093	EXTENSION SPRING	
49	329926	VARIO PCB PLASTIC COVER PLATE	
50	219501	M3 FORM A STAINLESS STEEL WASHER	
51	208167	SPARE SET OF KEYS (2 KEYS)	

Numatic International Spare Parts

Model No: Vario Front Moulding/Lever/Panel Assembly

234609
DRAWING: EXP-1037 ISS:A03
23/04/2010

NB: FOR WIRING SEE DRAWING: WD-0359



Numatic International Spare Parts

Model No: Vario Front Moulding/Lever/Panel Assembly

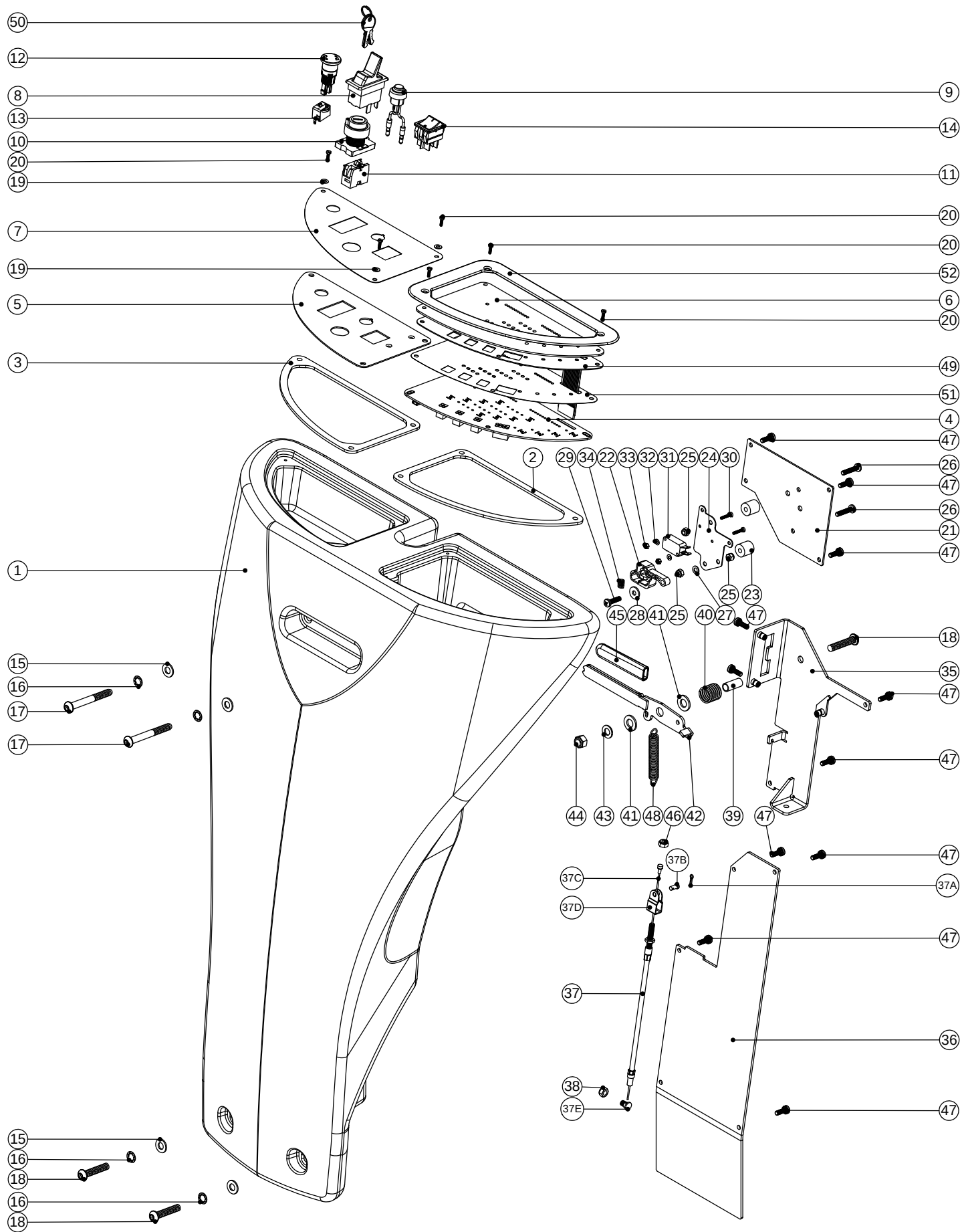
POS:	ITEM NO:	DESCRIPTION:	COMMENTS:
1	229858	STEERING COLUMN MOULDING	
2	208096	PCB GASKET	
3	208097	KEY PANEL GASKET	
4	208168	USB CONTROL PANEL / PCB (MK2)	
5	429116	KEY & E STOP PANEL (PAINTED GRAPHITE GREY)	MACHINES BUILT BEFORE 12/01/09 USE AO7 ISSUE
6	208048	RIDE ON DISPLAY PANEL MEMBRANE (PEDAL VERSION)	
7	208128	KEY & E STOP OVERLAY STICKER	
8	206933	PADDLE SWITCH	
9	321449	HORN SWITCH & SOLDERED LEAD ASSEMBLY	
10	208138	KEY SWITCH (2 POSITION)	
11	208137	KEY SWITCH ACTUATOR BLOCK	
12	206901	EMERGENCY STOP (A01ES) 24MM DIAMETER BUTTON	
13	208095	SWITCH BLOCK (SINGLE POLE / 2 POSITION) (A0151B)	
14	220843	BLUE ROCKER SWITCH	
15	219010	M8 FORM A WASHER	
16	219018	M8 SHAKEPROOF WASHER	
17	219806	M8 X 70MM LONG SOCKET BUTTON HEAD BOLT	
18	219865	M8 X 40MM LONG SOCKET BOLT	
19	219688	M4 FORM A STAINLESS STEEL WASHER	
20	219236	M3 X 10MM LONG SLOT SCREW	
21	404050	LEVER SWITCH PLATE PAINTED BLACK	
22	227587	CENTRE SWITCH OPERATING LEVER MOULDING	
23	219587	15.39MM O/D X 5.16MM I/D X 15.88MM LONG NYLON SPACER	
24	329831	LEVER SWITCH PLATE 2	
25	219076	M5 NYLON INSERT NUT	
26	219575	M5 X 25MM LONG POZI PAN STAINLESS STEEL SCREW	
27	219003	M5 FORM A STEEL WASHER	
28	219005	M5 FORM G WASHER	
29	219054	M5 X 20MM LONG POZI PAN SCREW	
30	219500	M3 X 16MM LONG STAINLESS STEEL SLOT SCREW	
31	229483	SNAP ACTION SWITCH	
32	219237	M3 FORM A WASHER	
33	219070	M3 NYLON INSERT NUT	
34	219804	SWITCH COMPRESSION SPRING	
35	303790	LEVER PIVOT/SELECTOR PLATE WELDED ASSEMBLY	
36	329912	STEERING COLUMN COVER	
37	206959	LIFTING CABLE ASSEMBLY	INCLUDES ITEMS: 37A,37B,37C,37D,37E
37A	208155	COTTER PIN	
37B	208158	CABLE U BRACKET PIN	
37C	208154	INNER CABLE	
37D	208157	CABLE U BRACKET	
37E	208156	CABLE NIPPLE	
38	219853	M6 NYLOC HALF NUT (STAINLESS STEEL)	
39	391191	LEVER PIVOT SPACER (S/S 10MM O/D 8MM I/D X 24MM LONG)	
40	219592	COMPRESSION SPRING	
41	219449	M10 FORM A WASHER	
42	303789	LEVER PLATE WELD ASSEMBLY	
43	219578	M8 FORM A STAINLESS STEEL WASHER	
44	219078	M8 NYLON INSERT NUT	
45	206991	LEVER HANDLE MOULDING	
46	219642	M6 STAINLESS STEEL NYLON INSERT NUT	
47	219045	M5 X 16MM LONG POZI PAN SEMS SCREW	
48	226093	EXTENSION SPRING	
49	329926	VARIO PCB PLASTIC COVER PLATE	
50	208167	SPARE SET OF KEYS (2 KEYS)	
51	208343	PCB COVER 3M DOUBLE SIDED ADHESIVE	
52	208378	DOMED PCB OUTER SEAL	

Numatic International Spare Parts

Model No: Vario Front Moulding/Lever/Panel Assembly

234609
DRAWING: EXP-1037 ISS:A04
17/05/2010

NB: FOR WIRING SEE DRAWING: WD-0359



Numatic International Spare Parts

Model No: Vario Front Moulding/Lever/Panel Assembly

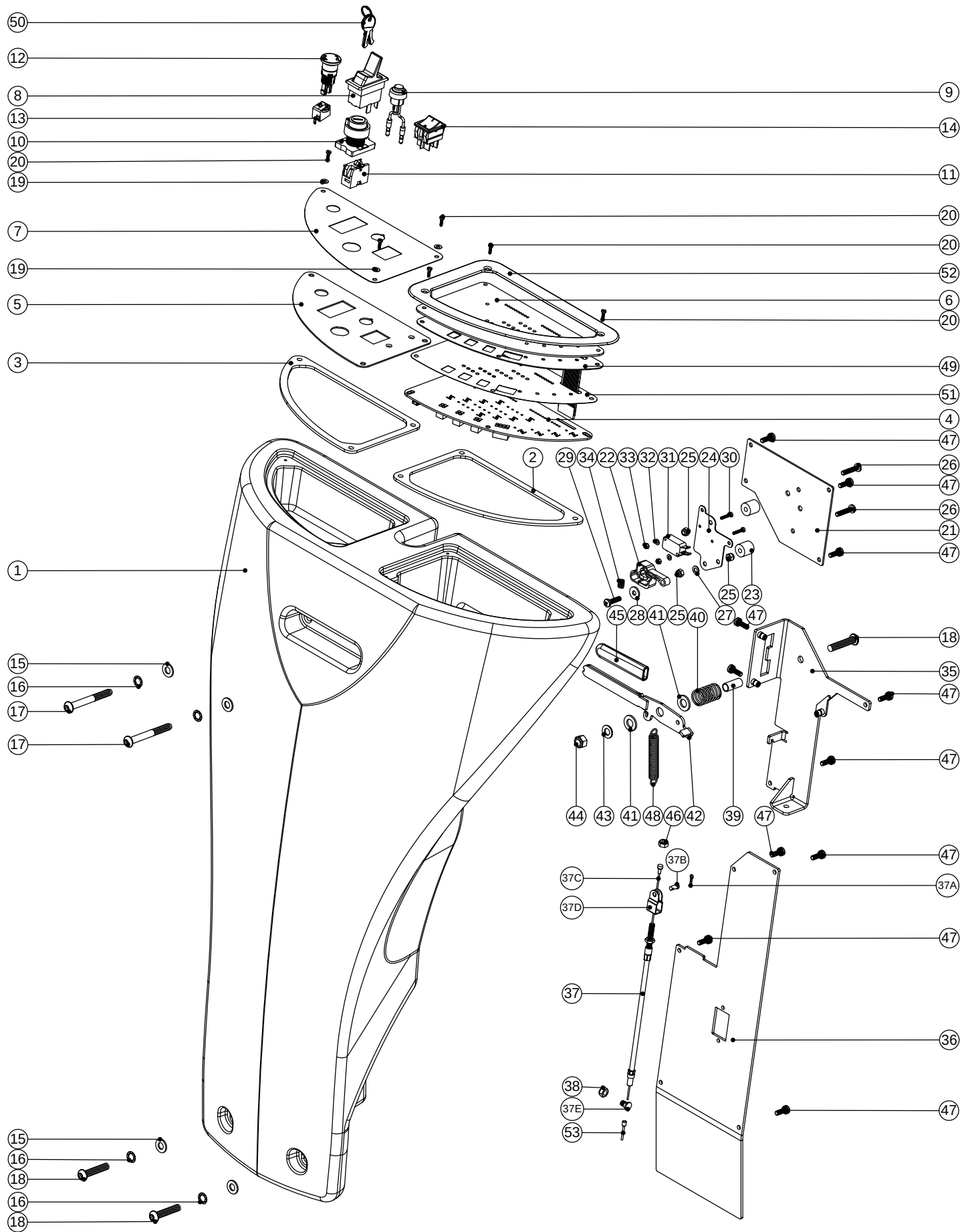
POS:	ITEM NO:	DESCRIPTION:	COMMENTS:
1	229858	STEERING COLUMN MOULDING	
2	208096	PCB GASKET	
3	208097	KEY PANEL GASKET	
4	208168	USB CONTROL PANEL / PCB (MK2)	
	310043	PCB REPLACEMENT KIT (MK2) INCLUDES ITEMS: 2,4,6,49,51,51	MACHINES BUILT AFTER 12/01/09 USE THIS KIT
	310042	PCB REPLACEMENT KIT (MK1) INCLUDES ITEMS: 2,4,6,49,51,51	MACHINES BUILT BEFORE 12/01/09 USE THIS KIT
5	429116	KEY & E STOP PANEL (PAINTED GRAPHITE GREY)	MACHINES BUILT BEFORE 12/01/09 USE AO7 ISSUE
6	208048	RIDE ON DISPLAY PANEL MEMBRANE (PEDAL VERSION)	
7	208128	KEY & E STOP OVERLAY STICKER	
8	206933	PADDLE SWITCH	
9	321449	HORN SWITCH & SOLDERED LEAD ASSEMBLY	
10	208138	KEY SWITCH (2 POSITION)	
11	208137	KEY SWITCH ACTUATOR BLOCK	
12	206901	EMERGENCY STOP (A01ES) 24MM DIAMETER BUTTON	
13	208095	SWITCH BLOCK (SINGLE POLE / 2 POSITION) (A0151B)	
14	220843	BLUE ROCKER SWITCH	
15	219010	M8 FORM A WASHER	
16	219018	M8 SHAKEPROOF WASHER	
17	219806	M8 X 70MM LONG SOCKET BUTTON HEAD BOLT	
18	219865	M8 X 40MM LONG SOCKET BOLT	
19	219688	M4 FORM A STAINLESS STEEL WASHER	
20	219236	M3 X 10MM LONG SLOT SCREW	
21	404050	LEVER SWITCH PLATE PAINTED BLACK	
22	227587	CENTRE SWITCH OPERATING LEVER MOULDING	
23	219587	15.39MM O/D X 5.16MM I/D X 15.88MM LONG NYLON SPACER	
24	329831	LEVER SWITCH PLATE 2	
25	219076	M5 NYLON INSERT NUT	
26	219575	M5 X 25MM LONG POZI PAN STAINLESS STEEL SCREW	
27	219003	M5 FORM A STEEL WASHER	
28	219005	M5 FORM G WASHER	
29	219054	M5 X 20MM LONG POZI PAN SCREW	
30	219500	M3 X 16MM LONG STAINLESS STEEL SLOT SCREW	
31	229483	SNAP ACTION SWITCH	
32	219237	M3 FORM A WASHER	
33	219070	M3 NYLON INSERT NUT	
34	219804	SWITCH COMPRESSION SPRING	
35	303790	LEVER PIVOT/SELECTOR PLATE WELDED ASSEMBLY	
36	329912	STEERING COLUMN COVER	
37	206959	LIFTING CABLE ASSEMBLY	INCLUDES ITEMS: 37A,37B,37C,37D,37E
37A	208155	COTTER PIN	
37B	208158	CABLE U BRACKET PIN	
37C	208154	INNER CABLE	
37D	208157	CABLE U BRACKET	
37E	208156	CABLE NIPPLE	
38	219853	M6 NYLOC HALF NUT (STAINLESS STEEL)	
39	391191	LEVER PIVOT SPACER (S/S 10MM O/D 8MM I/D X 24MM LONG)	
40	219592	COMPRESSION SPRING	
41	219449	M10 FORM A WASHER	
42	303789	LEVER PLATE WELD ASSEMBLY	
43	219578	M8 FORM A STAINLESS STEEL WASHER	
44	219078	M8 NYLON INSERT NUT	
45	206991	LEVER HANDLE MOULDING	
46	219642	M6 STAINLESS STEEL NYLON INSERT NUT	
47	219045	M5 X 16MM LONG POZI PAN SEMS SCREW	
48	226093	EXTENSION SPRING	
49	329926	VARIO PCB PLASTIC COVER PLATE	
50	208167	SPARE SET OF KEYS (2 KEYS)	
51	208343	PCB COVER 3M DOUBLE SIDED ADHESIVE	
52	208378	DOMED PCB OUTER SEAL	

Numatic International Spare Parts

Model No: Vario Front Moulding/Lever/Panel Assembly

234609
DRAWING: EXP-1037 ISS:A05
25/01/2011

NB: FOR WIRING SEE DRAWING: WD-0359



Numatic International Spare Parts

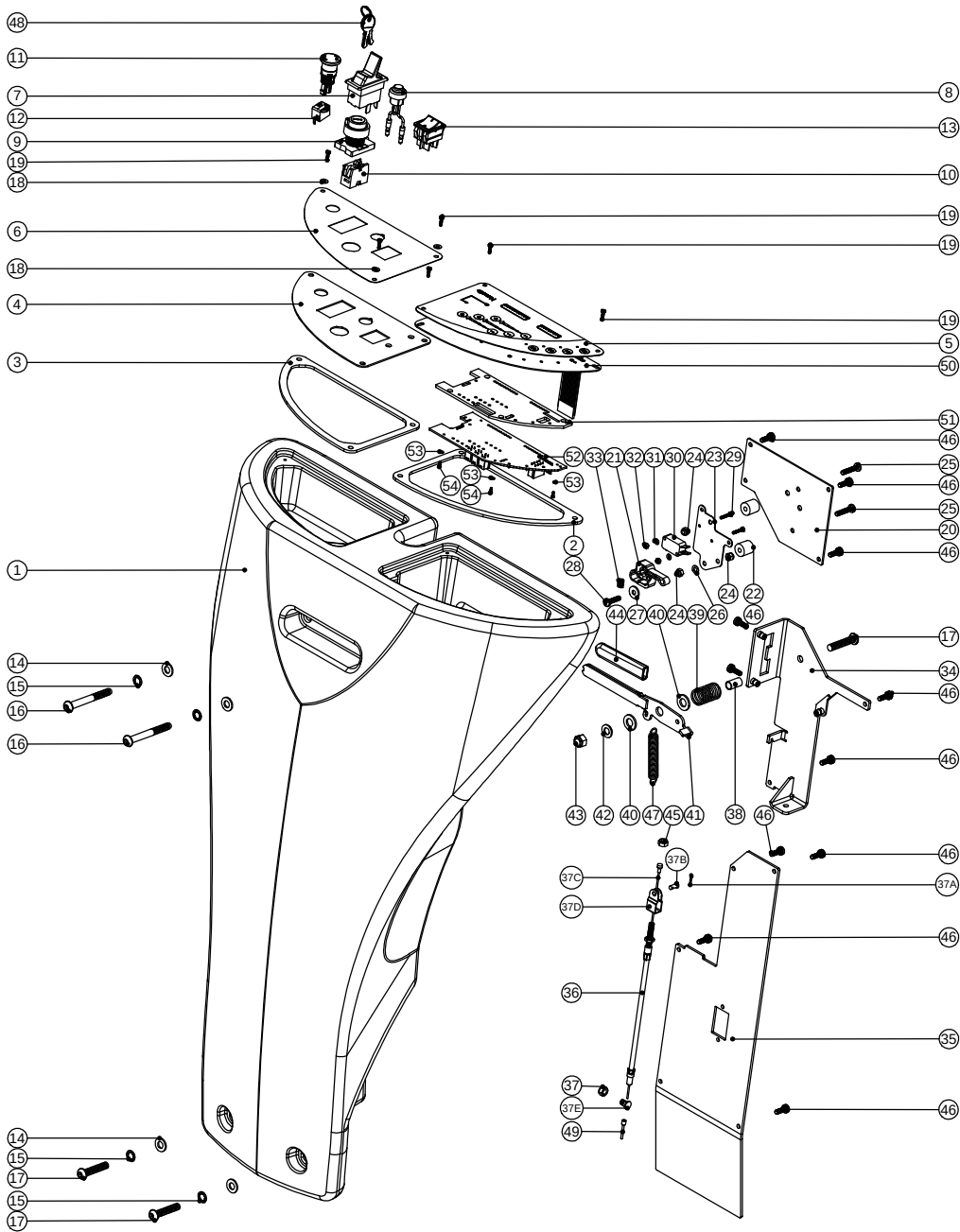
Model No: Vario Front Moulding/Lever/Panel Assembly

POS:	ITEM NO:	DESCRIPTION:	COMMENTS:
1	229858	STEERING COLUMN MOULDING	
2	208096	PCB GASKET	
3	208097	KEY PANEL GASKET	
4	208168	USB CONTROL PANEL / PCB (MK2)	
	310043	PCB REPLACEMENT KIT (MK2) INCLUDES ITEMS: 2,4,6,49,51,51	MACHINES BUILT AFTER 12/01/09 USE THIS KIT
	310042	PCB REPLACEMENT KIT (MK1) INCLUDES ITEMS: 2,4,6,49,51,51	MACHINES BUILT BEFORE 12/01/09 USE THIS KIT
5	429116	KEY & E STOP PANEL (PAINTED GRAPHITE GREY)	MACHINES BUILT BEFORE 12/01/09 USE AO7 ISSUE
6	208048	RIDE ON DISPLAY PANEL MEMBRANE (PEDAL VERSION)	
7	208128	KEY & E STOP OVERLAY STICKER	
8	206933	PADDLE SWITCH	
9	321449	HORN SWITCH & SOLDERED LEAD ASSEMBLY	
10	208138	KEY SWITCH (2 POSITION)	
11	208137	KEY SWITCH ACTUATOR BLOCK	
12	206901	EMERGENCY STOP (A01ES) 24MM DIAMETER BUTTON	
13	208095	SWITCH BLOCK (SINGLE POLE / 2 POSITION) (A0151B)	
14	220843	BLUE ROCKER SWITCH	
15	219010	M8 FORM A WASHER	
16	219018	M8 SHAKEPROOF WASHER	
17	219806	M8 X 70MM LONG SOCKET BUTTON HEAD BOLT	
18	219865	M8 X 40MM LONG SOCKET BOLT	
19	219688	M4 FORM A STAINLESS STEEL WASHER	
20	219236	M3 X 10MM LONG SLOT SCREW	
21	404050	LEVER SWITCH PLATE PAINTED BLACK	
22	227587	CENTRE SWITCH OPERATING LEVER MOULDING	
23	219587	15.39MM O/D X 5.16MM I/D X 15.88MM LONG NYLON SPACER	
24	329831	LEVER SWITCH PLATE 2	
25	219076	M5 NYLON INSERT NUT	
26	219575	M5 X 25MM LONG POZI PAN STAINLESS STEEL SCREW	
27	219003	M5 FORM A STEEL WASHER	
28	219005	M5 FORM G WASHER	
29	219054	M5 X 20MM LONG POZI PAN SCREW	
30	219500	M3 X 16MM LONG STAINLESS STEEL SLOT SCREW	
31	229483	SNAP ACTION SWITCH	
32	219237	M3 FORM A WASHER	
33	219070	M3 NYLON INSERT NUT	
34	219804	SWITCH COMPRESSION SPRING	
35	303790	LEVER PIVOT/SELECTOR PLATE WELDED ASSEMBLY	
36	329912	STEERING COLUMN COVER	
37	206959	LIFTING CABLE ASSEMBLY	INCLUDES ITEMS: 37A,37B,37C,37D,37E
37A	208155	COTTER PIN	
37B	208158	CABLE U BRACKET PIN	
37C	208154	INNER CABLE	
37D	208157	CABLE U BRACKET	
37E	208156	CABLE NIPPLE	
38	219853	M6 NYLOC HALF NUT (STAINLESS STEEL)	
39	391191	LEVER PIVOT SPACER (S/S 10MM O/D 8MM I/D X 24MM LONG)	
40	219592	COMPRESSION SPRING	
41	219449	M10 FORM A WASHER	
42	303789	LEVER PLATE WELD ASSEMBLY	
43	219578	M8 FORM A STAINLESS STEEL WASHER	
44	219078	M8 NYLON INSERT NUT	
45	206991	LEVER HANDLE MOULDING	
46	219642	M6 STAINLESS STEEL NYLON INSERT NUT	
47	219045	M5 X 16MM LONG POZI PAN SEMS SCREW	
48	226093	EXTENSION SPRING	
49	329926	VARIO PCB PLASTIC COVER PLATE	
50	208167	SPARE SET OF KEYS (2 KEYS)	
51	208343	PCB COVER 3M DOUBLE SIDED ADHESIVE	
52	208378	DOMED PCB OUTER SEAL	
53	208451	RED INSULATED BOOTLACE FERRULE -18MM PIN	1 PER REQUIRED WHEN ORDERING ITEM 37

Numatic International Spare Parts

Model No: Vario Front Moulding/Lever/Panel Assembly

NB: FOR WIRING SEE DRAWING: WD-0359



234609
DRAWING: EXP-1037 ISS:A06
26/01/2012

Numatic International Spare Parts

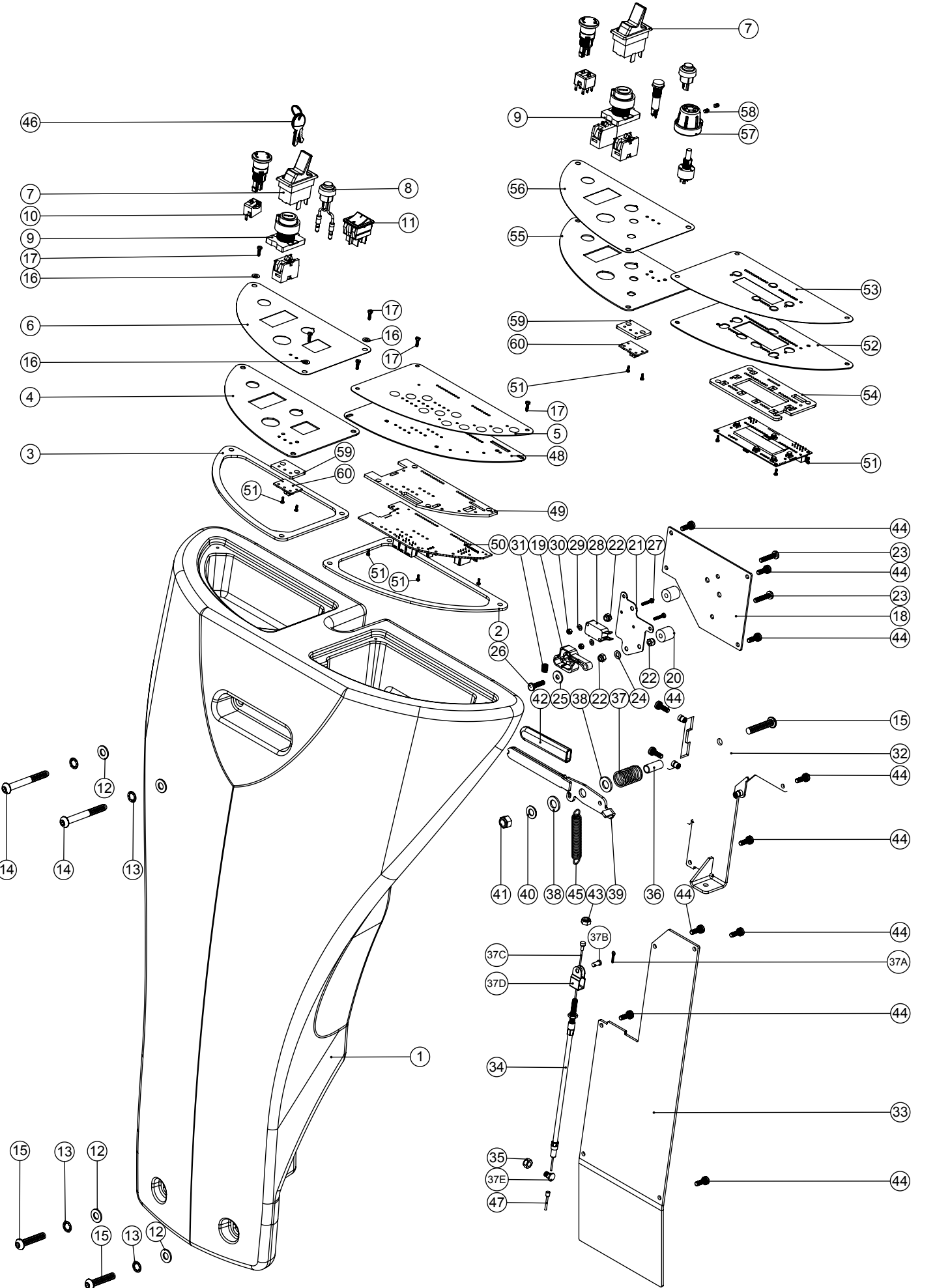
Model No: Vario Front Moulding/Lever/Panel Assembly

POS.	ITEM NO.	DESCRIPTION:	COMMENTS:
1	229858	STEERING COLUMN MOULDING	
2	208096	PCB GASKET	
3	208097	KEY PANEL GASKET	
	310062	PCB REPLACEMENT KIT (MK3) INCLUDES ITEMS: 5, 50, 51, 52,53,54	MACHINES BUILT AFTER 12/01/09 CAN USE THIS KIT
	310043	PCB REPLACEMENT KIT (MK2)	MACHINES BUILT AFTER 12/01/09 USE THIS KIT
	310042	PCB REPLACEMENT KIT (MK1)	MACHINES BUILT BEFORE 12/01/09 USE THIS KIT
4	429116	KEY & E STOP PANEL (PAINTED GRAPHITE GREY)	MACHINES BUILT BEFORE 12/01/09 USE A07 ISSUE
5	208048	RIDE ON DISPLAY PANEL MEMBRANE (PEDAL VERSION)	
6	208128	KEY & E STOP OVERLAY STICKER	
7	206933	PADDLE SWITCH	
8	321449	HORN SWITCH & SOLDERED LEAD ASSEMBLY	
9	208138	KEY SWITCH (2 POSITION)	
10	208137	KEY SWITCH ACTUATOR BLOCK	
11	206901	EMERGENCY STOP (A01ES) 24MM DIAMETER BUTTON	
12	208095	SWITCH BLOCK (SINGLE POLE / 2 POSITION) (A0151B)	
13	220843	BLUE ROCKER SWITCH	
14	219010	M8 FORM A WASHER	
15	219018	M8 SHAKEPROOF WASHER	
16	219806	M8 X 70MM LONG SOCKET BUTTON HEAD BOLT	
17	219865	M8 X 40MM LONG SOCKET BOLT	
18	219688	M4 FORM A STAINLESS STEEL WASHER	
19	219236	M3 X 10MM LONG SLOT SCREW	
20	404050	LEVER SWITCH PLATE PAINTED BLACK	
21	227587	CENTRE SWITCH OPERATING LEVER MOULDING	
22	219587	15.39MM O/D X 5.16MM I/D X 15.88MM LONG NYLON SPACER	
23	329831	LEVER SWITCH PLATE 2	
24	219076	M5 NYLON INSERT NUT	
25	219575	M5 X 25MM LONG POZI PAN STAINLESS STEEL SCREW	
26	219003	M5 FORM A STEEL WASHER	
27	219005	M5 FORM G WASHER	
28	219054	M5 X 20MM LONG POZI PAN SCREW	
29	219500	M3 X 16MM LONG STAINLESS STEEL SLOT SCREW	
30	229483	SNAP ACTION SWITCH	
31	219237	M3 FORM A WASHER	
32	219070	M3 NYLON INSERT NUT	
33	219804	SWITCH COMPRESSION SPRING	
34	303790	LEVER PIVOT/SELECTOR PLATE WELDED ASSEMBLY	
35	329912	STEERING COLUMN COVER	
36	206959	LIFTING CABLE ASSEMBLY	INCLUDES ITEMS: 37A,37B,37C,37D,37E
37A	208155	COTTER PIN	
37B	208158	CABLE U BRACKET PIN	
37C	208154	INNER CABLE	
37D	208157	CABLE U BRACKET	
37E	208156	CABLE NIPPLE	
37	219853	M6 NYLOC HALF NUT (STAINLESS STEEL)	
38	391191	LEVER PIVOT SPACER (S/S 10MM O/D 8MM I/D X 24MM LONG)	
39	219592	COMPRESSION SPRING	
40	219449	M10 FORM A WASHER	
41	303789	LEVER PLATE WELD ASSEMBLY	
42	219578	M8 FORM A STAINLESS STEEL WASHER	
43	219078	M8 NYLON INSERT NUT	
44	206991	LEVER HANDLE MOULDING	
45	219642	M6 STAINLESS STEEL NYLON INSERT NUT	
46	219045	M5 X 16MM LONG POZI PAN SEMS SCREW	
47	226093	EXTENSION SPRING	
48	208167	SPARE SET OF KEYS (2 KEYS)	
49	208451	RED INSULATED BOOTLACE FERRULE -18MM PIN	1 PER REQUIRED WHEN ORDERING ITEM 37
50	304274	METAL PCB SUPPORT PLATE PAINTED GREY C/W SELF CLINCH NUTS	
51	392151	PLASTIC PCB SUPPORT PLATE	
52	208518	USB CONTROL PANEL/PCB (MK3)	
53	219977	M2 NYLON WASHER	
54	219978	M2 X 6MM LONG POZI PAN SCREW	

Numatic International Spare Parts

Model No: TTV678 & TRO650 Front Moulding/Lever/Panel Assembly

NB: FOR WIRING SEE DRAWING: WD-0359, DRW-15631, DRW-13416, DRW-14741



234609
DRAWING: EXP-1037 ISS:A07
26/03/2014

Numatic International Spare Parts

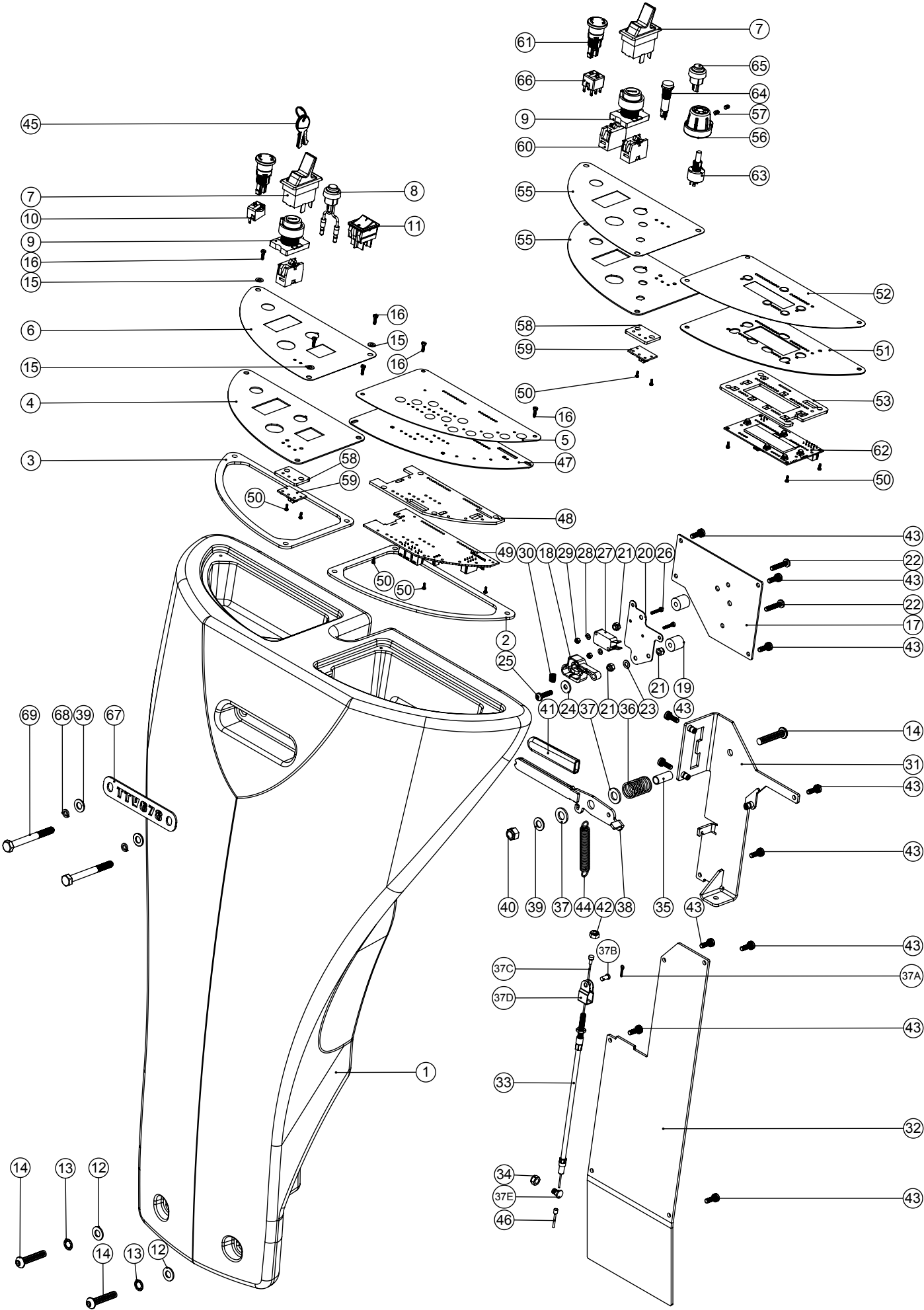
Model No: TTV678 & TRO650 Front Moulding/Lever/Panel Assembly

ITEM:	PART No:	DESCRIPTION	COMMENTS:
1	229858	TTV STEERING COLUMN MOULDING	
2	208096	PCB GASKET	
3	208097	KEY PANEL GASKET	
	310062	PCB REPLACEMENT KIT (MK3) INCLUDES ITEMS: 5, 48, 49, 50, 51	TTV678 BUILT AFTER 12/01/09
	310043	PCB REPLACEMENT KIT (MK2)	TTV678 BUILT AFTER 12/01/09
	310042	PCB REPLACEMENT KIT (MK1)	TTV678 BUILT BEFORE 12/01/09
4	304509	TTV678 KEY & EMERGENCY STOP PANEL BACK PLATE PAINTED GREY C/W SELF-CLINCH NUTS	TTV678/300T ON-BOARD CHARGER
	429116	KEY & E STOP PANEL (PAINTED SILVER GREY)	TTV678 CHARGERLESS; TTV678/400T; TTV678 BUILT BEFORE 12/01/09 ISSUE A07
5	208048	RIDE ON DISPLAY PANEL MEMBRANE (PEDAL VERSION)	TTV678
6	208833	KEY & E-STOP OVERLAY (CHARGER LEDS)	TTV678/300T ON-BOARD CHARGER
	208128	KEY & E STOP OVERLAY STICKER	TTV678/400T, TTV678 CHARGERLESS
7	206933	PADDLE SWITCH	
8	321449	HORN SWITCH & SOLDERED LEAD ASSEMBLY	TTV678
9	208138	KEY SWITCH (2 POSITION)	
10	208095	SWITCH BLOCK (SINGLE POLE / 2 POSITION) (A0151B)	TTV678
11	220843	BLUE ROCKER SWITCH	TTV678
12	219010	M8 FORM A WASHER	
13	219018	M8 SHAKEPROOF WASHER	
14	219806	M8 X 70MM LONG SOCKET BUTTON HEAD BOLT	
15	219865	M8 X 40MM LONG SOCKET BOLT	
16	219688	M4 FORM A STAINLESS STEEL WASHER	
17	219236	M3 X 10MM LONG SLOT SCREW	
18	404050	LEVER SWITCH PLATE PAINTED BLACK	
19	227587	CENTRE SWITCH OPERATING LEVER MOULDING	
20	219587	15.39MM O/D X 5.16MM I/D X 15.88MM LONG NYLON SPACER	
21	329831	LEVER SWITCH PLATE 2	
22	219076	M5 NYLON INSERT NUT	
23	219575	M5 X 25MM LONG POZI PAN STAINLESS STEEL SCREW	
24	219003	M5 FORM A STEEL WASHER	
25	219005	M5 FORM G WASHER	
26	219054	M5 X 20MM LONG POZI PAN SCREW	
27	219500	M3 X 16MM LONG STAINLESS STEEL SLOT SCREW	
28	229483	SNAP ACTION SWITCH	
29	219237	M3 FORM A WASHER	
30	219070	M3 NYLON INSERT NUT	
31	219804	SWITCH COMPRESSION SPRING	
32	303790	LEVER PIVOT/SELECTOR PLATE WELDED ASSEMBLY	
33	329912	STEERING COLUMN COVER	
34	206959	LIFTING CABLE ASSEMBLY	INCLUDES ITEMS: 37A,37B,37C,37D,37E
37A	208155	COTTER PIN	
37B	208158	CABLE U BRACKET PIN	
37C	208154	INNER CABLE	
37D	208157	CABLE U BRACKET	
37E	208156	CABLE NIPPLE	
35	219853	M6 NYLOC HALF NUT (STAINLESS STEEL)	
36	391191	LEVER PIVOT SPACER (S/S 10MM O/D 8MM I/D X 24MM LONG)	
37	219592	COMPRESSION SPRING	
38	219449	M10 FORM A WASHER	
39	303789	LEVER PLATE WELD ASSEMBLY	
40	219578	M8 FORM A STAINLESS STEEL WASHER	
41	219078	M8 NYLON INSERT NUT	
42	206991	LEVER HANDLE MOULDING	
43	219642	M6 STAINLESS STEEL NYLON INSERT NUT	
44	219045	M5 X 16MM LONG POZI PAN SEMS SCREW	
45	226093	EXTENSION SPRING	
46	208167	SPARE SET OF KEYS (2 KEYS)	
47	208451	RED INSULATED BOOTLACE FERRULE -18MM PIN	1 PER REQUIRED WHEN ORDERING ITEM 37
48	304274	METAL PCB SUPPORT PLATE PAINTED GREY C/W SELF CLINCH NUTS	TTV678
49	392151	PLASTIC PCB SUPPORT PLATE	TTV678
50	208518	USB CONTROL PANEL/PCB (MK3)	TTV678
51	219978	M2 X 6MM LONG POZI PAN SCREW	
52	304478	TRO CONTROL PANEL BACK PLATE PAINTED GREY C/W CLINCH NUTS	TRO650
53	208795	TRO DISPLAY PANEL MEMBRANE	TRO650
54	392044	DISPLAY PCB PLASTIC SPACER PLATE	TRO650
55	304489	TRO KEY & EMERGENCY STOP PANEL BACK PLATE PAINTED GREY C/W SELF-CLINCH NUTS	TRO650 ON-BOARD CHARGER
	404188	KEY & EMERGENCY STOP PANEL BACK PLATE PAINTED SILVER GREY	TRO650 CHARGERLESS
56	208794	TRO KEY & EMERGENCY STOP OVERLAY	TRO650 ON-BOARD CHARGER
	208814	TRO KEY & EMERGENCY STOP OVERLAY NON CHARGER VERSION	TRO650 CHARGERLESS
57	329363	SPEED ADJUSTMENT KNOB C/W INSERT	TRO650
58	219744	M4 X 6MM LONG BLACKODISED GRUB SCREW	TRO650
59	392360	TRO CHARGER PCB SPACER	TTV678/300T, TRO650 ON-BOARD CHARGER
60	208805	LED CHARGER DISPLAY PCB	TTV678/300T, TRO650 ON-BOARD CHARGER
61	208137	KEY SWITCH ACTUATOR BLOCK	
62	206901	EMERGENCY STOP (A01ES) 24MM DIAMETER BUTTON	
63	208791	TRO650 LCD DISPLAY WITHOUT DETERGENT	
64	270316	POTENTIOMETER TYPE Pe30 22k OHMS 20% 3W (WITH PANEL SEAL) (ROUND SHAFT WITH FLAT / NO SLOT IN SHAFT END)	
65	270291	GREEN LED INDICATOR 2V C/W 2.2K RESISTOR	
66	229454	HANDLE SWITCH	
67	208458	SWITCH BLOCK (DOUBLE POLE / 2 POSITION) (A0152B)	

Numatic International Spare Parts

Model No: VARIO FRONT MOULDING / LEVER & PANEL ASSEMBLY

NB: FOR WIRING SEE DRAWING: WD-0359, DRW-15631, DRW-13416, DRW-14741



Internal Code: 234609
DRAWING: EXP-1037 ISS:A08
PRO 05/06/2015

Numatic International Spare Parts

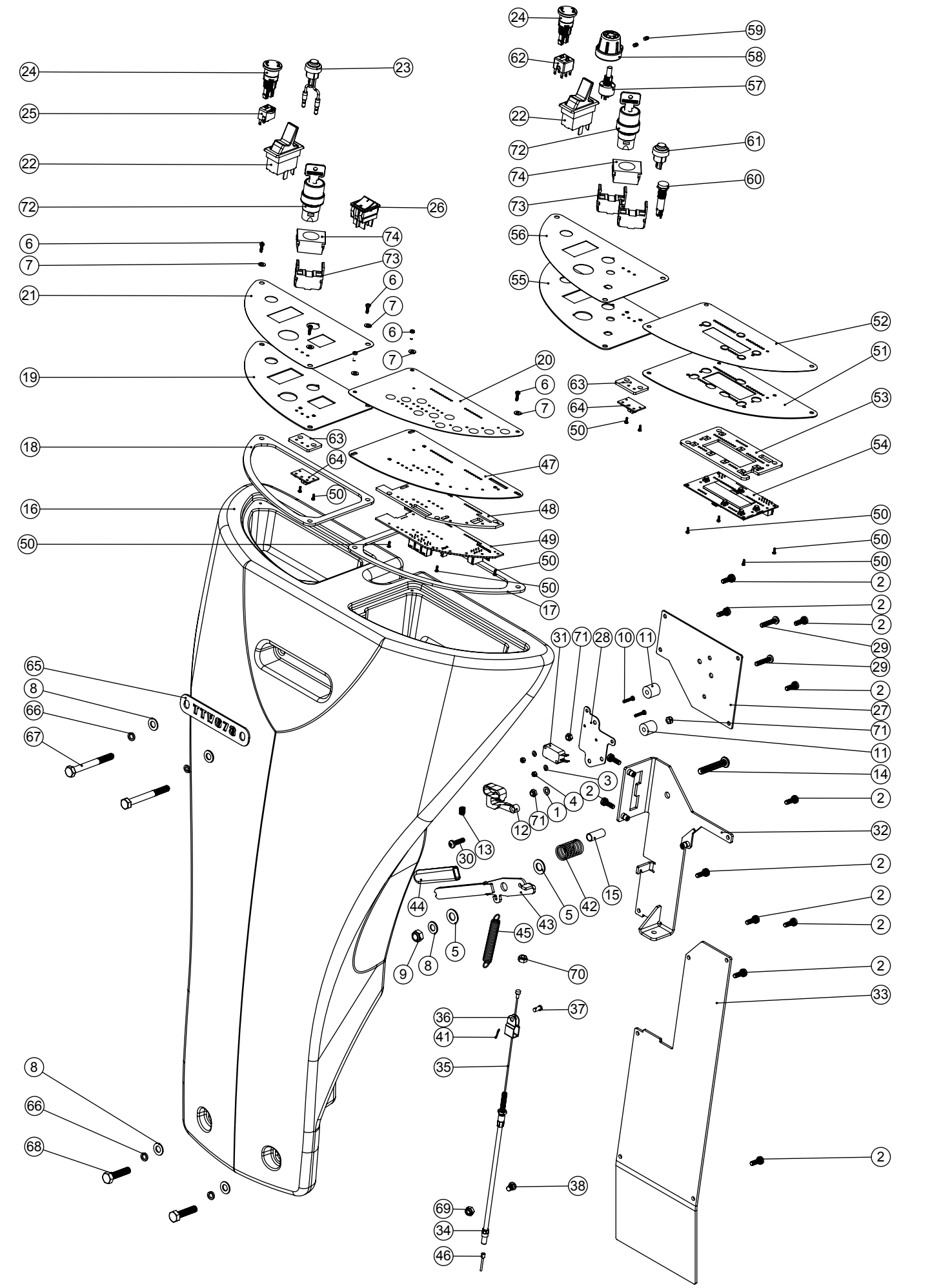
Model No: VARIO FRONT MOULDING / LEVER & PANEL ASSEMBLY

ITEM:	PART No:	DESCRIPTION	COMMENTS:
1	229858	TTV STEERING COLUMN MOULDING	
2	208096	PCB GASKET	
3	208097	KEY PANEL GASKET	
	310062	PCB REPLACEMENT KIT (MK3) INCLUDES ITEMS: 5, 48, 49, 50, 51	TTV678 BUILT AFTER 12/01/09
	310043	PCB REPLACEMENT KIT (MK2)	TTV678 BUILT AFTER 12/01/09
	310042	PCB REPLACEMENT KIT (MK1)	TTV678 BUILT BEFORE 12/01/09
4	304509	TTV678 KEY & EMERGENCY STOP PANEL BACK PLATE PAINTED GREY C/W SELF-CLINCH NUTS	TTV678/300T ON-BOARD CHARGER
	429116	KEY & E STOP PANEL (PAINTED SILVER GREY)	TTV678 CHARGERLESS; TTV678/400T: TTV678 BUILT BEFORE 12/01/09 ISSUE A07
5	208048	RIDE ON DISPLAY PANEL MEMBRANE (PEDAL VERSION)	TTV678
6	208833	KEY & E-STOP OVERLAY (CHARGER LEDS)	TTV678/300T ON-BOARD CHARGER
	208128	KEY & E STOP OVERLAY STICKER	TTV678/400T, TTV678 CHARGERLESS
7	206933	PADDLE SWITCH	
8	321449	HORN SWITCH & SOLDERED LEAD ASSEMBLY	TTV678
9	208138	KEY SWITCH (2 POSITION)	
10	208095	SWITCH BLOCK (SINGLE POLE / 2 POSITION) (A0151B)	TTV678
11	220843	BLUE ROCKER SWITCH	TTV678
12	219010	M8 FORM A WASHER	
13	219018	M8 SHAKEPROOF WASHER	
14	219865	M8 X 40MM LONG SOCKET BOLT	
15	219688	M4 FORM A STAINLESS STEEL WASHER	
16	219236	M3 X 10MM LONG SLOT SCREW	
17	404050	LEVER SWITCH PLATE PAINTED BLACK	
18	227587	CENTRE SWITCH OPERATING LEVER MOULDING	
19	219587	15.39MM O/D X 5.16MM I/D X 15.88MM LONG NYLON SPACER	
20	329831	LEVER SWITCH PLATE 2	
21	219076	M5 NYLON INSERT NUT	
22	219575	M5 X 25MM LONG POZI PAN STAINLESS STEEL SCREW	
23	219003	M5 FORM A STEEL WASHER	
24	219005	M5 FORM G WASHER	
25	219054	M5 X 20MM LONG POZI PAN SCREW	
26	219500	M3 X 16MM LONG STAINLESS STEEL SLOT SCREW	
27	229483	SNAP ACTION SWITCH	
28	219237	M3 FORM A WASHER	
29	219070	M3 NYLON INSERT NUT	
30	219804	SWITCH COMPRESSION SPRING	
31	303790	LEVER PIVOT/SELECTOR PLATE WELDED ASSEMBLY	
32	329912	STEERING COLUMN COVER	
33	206959	LIFTING CABLE ASSEMBLY	INCLUDES ITEMS: 37A,37B,37C,37D,37E
37A	208155	COTTER PIN	
37B	208158	CABLE U BRACKET PIN	
37C	208154	INNER CABLE	
37D	208157	CABLE U BRACKET	
37E	208156	CABLE NIPPLE	
34	219853	M6 NYLOC HALF NUT (STAINLESS STEEL)	
35	391191	LEVER PIVOT SPACER (S/S 10MM O/D 8MM I/D X 24MM LONG)	
36	219592	COMPRESSION SPRING	
37	219449	M10 FORM A WASHER	
38	303789	LEVER PLATE WELD ASSEMBLY	
39	219578	M8 FORM A STAINLESS STEEL WASHER	
40	219078	M8 NYLON INSERT NUT	
41	206991	LEVER HANDLE MOULDING	
42	219642	M6 STAINLESS STEEL NYLON INSERT NUT	
43	219045	M5 X 16MM LONG POZI PAN SEMS SCREW	
44	226093	EXTENSION SPRING	
45	208167	SPARE SET OF KEYS (2 KEYS)	
46	208451	RED INSULATED BOOTLACE FERRULE - 18MM PIN	1 PER REQUIRED WHEN ORDERING ITEM 37
47	304274	METAL PCB SUPPORT PLATE PAINTED GREY C/W SELF CLINCH NUTS	TTV678
48	392151	PLASTIC PCB SUPPORT PLATE	TTV678
49	208518	USB CONTROL PANEL/PCB (MK3)	TTV678
50	219978	M2 X 6MM LONG POZI PAN SCREW	
51	304478	TRO CONTROL PANEL BACK PLATE PAINTED GREY C/W CLINCH NUTS	TRO650
52	208795	TRO DISPLAY PANEL MEMBRANE	TRO650
53	392044	DISPLAY PCB PLASTIC SPACER PLATE	TRO650
55	304489	TRO KEY & EMERGENCY STOP PANEL BACK PLATE PAINTED GREY C/W SELF-CLINCH NUTS	TRO650 ON-BOARD CHARGER
	404188	KEY & EMERGENCY STOP PANEL BACK PLATE PAINTED SILVER GREY	TRO650 CHARGERLESS
55	208794	TRO KEY & EMERGENCY STOP OVERLAY	TRO650 ON-BOARD CHARGER
	208814	TRO KEY & EMERGENCY STOP OVERLAY NON CHARGER VERSION	TRO650 CHARGERLESS
56	329363	SPEED ADJUSTMENT KNOB C/W INSERT	TRO650
57	219744	M4 X 6MM LONG BLACKODISED GRUB SCREW	TRO650
58	392360	TRO CHARGER PCB SPACER	TTV678/300T, TRO650 ON-BOARD CHARGER
59	208805	LED CHARGER DISPLAY PCB	TTV678/300T, TRO650 ON-BOARD CHARGER
60	208137	KEY SWITCH ACTUATOR BLOCK	
61	206901	EMERGENCY STOP (A01ES) 24MM DIAMETER BUTTON	
62	208791	TRO650 LCD DISPLAY WITHOUT DETERGENT	
63	270316	POTENTIOMETER TYPE Pø30 22k OHMS 20% 3W (WITH PANEL SEAL) (ROUND SHAFT WITH FLAT / NO SLOT IN SHAFT END)	TRO650
64	270291	GREEN LED INDICATOR 2V C/W 2.2K RESISTOR	TRO650
65	229454	HANDLE SWITCH	TRO650
66	208458	SWITCH BLOCK (DOUBLE POLE / 2 POSITION) (A0152B)	TRO650
67	901152	TTV678 BADGE	TTV678
	901153	TRO650 BADGE	TRO650
	901154	TTB3226 BADGE (NACE)	TTB3226
68	219898	M8 SINGLE COIL STAINLESS STEEL WASHER	
69	291123	M8 X 75 LONG HEX HEAD BOLT STAINLESS STEEL	

Numatic International Spare Parts

Model No: TTV678 AND TRO650 FRONT MOULDING / LEVER & PANEL ASSEMBLY EXPLODED DRAWING

NB: FOR WIRING SEE DRAWING: WD-0359, DRW-15631, DRW-13416, DRW-14741



Internal Code: 905586

PRO DRAWING: DRW-24941 ISS:A08

15/09/2017

Numatic International Spare Parts

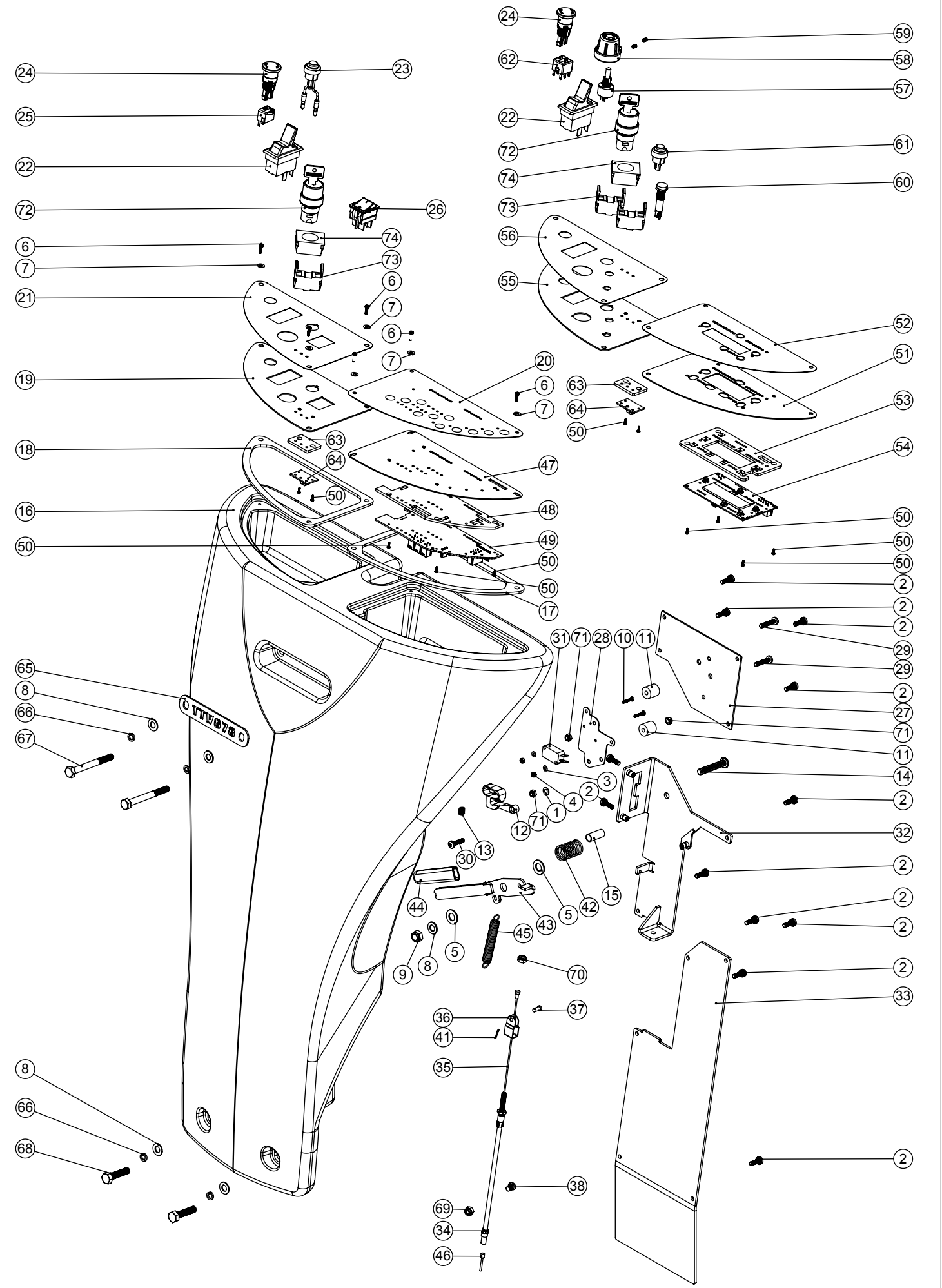
Model No: TTV678 AND TRO650 FRONT MOULDING / LEVER & PANEL ASSEMBLY EXPLODED DRAWING

POS.	ITEM NO.	DESCRIPTION	COMMENTS	QTY.
1	219355	M5 FORM A STAINLESS STEEL WASHER		1
2	291132	M5 X 16MM LONG STAINLESS STEEL POZI PAN SEMS SCREW		13
3	219501	M3 FORM A STAINLESS STEEL WASHER		2
4	291154	M3 NYLON INSERT NUT STAINLESS STEEL		2
5	219903	M10 FORM A STAINLESS STEEL WASHER		2
6	902534	M3 X 10MM LONG POZI PAN SCREW STAINLESS STEEL		6
7	219688	M4 FORM A STAINLESS STEEL WASHER		6
8	219578	M8 FORM A STAINLESS STEEL WASHER		5
9	219639	M8 STAINLESS STEEL NYLON INSERT NUT		1
10	219500	M3 X 16MM LONG STAINLESS STEEL SLOT SCREW		2
11	219587	15.39MM O/D X 5.16MM I/D X 15.88MM LONG NYLON SPACER		2
12	227587	CENTRE SWITCH OPERATING LEVER MOULDING		1
13	219804	SWITCH COMPRESSION SPRING		1
14	219822	M8 X 45MM LONG SOCKET BUTTON STAINLESS STEEL HEAD BOLT		1
15	391191	LEVER PIVOT SPACER (S/S 10MM O/D 8MM I/D X 24MM LONG)		1
16	229858	TTV STEERING COLUMN MOULDING		1
17	208096	PCB GASKET		1
18	208097	KEY PANEL GASKET		1
	310062	PCB REPLACEMENT KIT (MK3) INCLUDES ITEMS: 5,48, 49, 50, 51	TTV678 BUILT AFTER 12/01/09	1
	310043	PCB REPLACEMENT KIT (MK2)	TTV678 BUILT AFTER 12/01/09	1
	310042	PCB REPLACEMENT KIT (MK1)	TTV678 BUILT BEFORE 12/01/09	1
19	907130	TTV678 CONTROL PANEL (NEW KEY) PAINTED GREY C/W CLINCH NUTS		1
	429116	KEY & E STOP PANEL (PAINTED SILVER GREY)	TTV678 BUILT BEFORE 12/01/02 ISSUE A07	1
20	208048	RIDE ON DISPLAY PANEL MEMBRANE (PEDAL VERSION)	TTV678	1
21	208833	KEY & E-STOP OVERLAY (CHARGER LEDS)	TTV678/300T ON-BOARD CHARGER	1
	208128	KEY & E-STOP OVERLAY STICKER	TTV678/400T, TTV678 CHARGERLESS	1
22	206933	PADDLE SWITCH		2
23	321449	HORN SWITCH & SOLDERED LEAD ASSEMBLY	TTV678	1
24	206901	EMERGENCY STOP (A01MXB) 24MM DIAMETER BUTTON		2
25	208095	SWITCH BLOCK (SINGLE POLE / 2 POSITION) (A0151B)	TTV678	1
26	220843	BLUE ROCKER SWITCH	TTV678	1
27	404050	LEVER SWITCH PLATE PAINTED BLACK		1
28	329831	LEVER SWITCH PLATE 2		1
29	219575	M5 X 25MM LONG POZI PAN STAINLESS STEEL SCREW		2
30	219571	M5 X 20MM LONG POZI PAN STAINLESS STEEL SCREW		1
31	229483	SNAP ACTION SWITCH		1
32	303790	LEVER PIVOT/SELECTOR PLATE WELDED ASSEMBLY		1
33	329912	STEERING COLUMN COVER		1
34	206959	LIFTING CABLE ASSEMBLY	INCLUDES ITEMS: 36,37,38,39,42	1
35	208154	INNER CABLE		1
36	208157	CABLE U BRACKET		1
37	208158	CABLE U BRACKET PIN		1
38	208156	CABLE NIPLE		1
41	208155	COTTER PIN		1
42	219592	COMPRESSION SPRING		1
43	303789	LEVER PLATE WELD ASSEMBLY		1
44	206991	LEVER HANDLE MOULDING		1
45	226093	EXTENSION SPRING		1
46	208451	RED INSULATED BOOTLACE FERRULE -18MM PIN	1 PER REQUIRED WHEN ORDERING ITEM 35	1
47	304274	METAL PCB SUPPORT PLATE PAINTED GREY C/W SELF CLINCH NUTS	TTV678	1
48	392151	PLASTIC PCB SUPPORT PLATE	TTV678	1
49	208518	USB CONTROL PANEL/PCB (MK3)	TTV678	1
50	905565	M2 X 6MM LONG POZI PAN SCREW ST/ST		12
51	304478	TRO CONTROL PANEL BACK PLATE PAINTED GREY C/W CLINCH NUTS	TRO650	1
52	208795	TRO DISPLAY PANEL MEMBRANE	TRO650	1
53	392044	DISPLAY PCB PLASTIC SPACER PLATE	TRO650	1
54	208791	TRO650 LCD DISPLAY WITHOUT DETERGENT		1
55	907131	TRO CONTROL PANEL (NEW KEY) PAINTED GREY C/W CLINCH NUTS	TRO650	1
56	208794	TRO KEY & EMERGENCY STOP OVERLAY	TRO650 ON-BOARD CHARGER	1
	208814	TRO KEY & EMERGENCY STOP OVERLAY NON CHARGER VERSION	TRO650 CHARGERLESS	1
57	270316	POTENTIOMETER TYPE Pe30 22k OHMS 20% 3W (WITH PANEL SEAL) (ROUND SHAFT WITH FLAT / NO SLOT IN SHAFT END)	TRO650	1
58	329363	SPEED ADJUSTMENT KNOB C/W INSERT	TRO650	1
59	219744	M4 X 6MM LONG BLACKODISED GRUB SCREW	TRO650	2
60	270291	GREEN LED INDICATOR 2V C/W 2.2K RESISTOR	TRO650	1
61	229454	HANDLE SWITCH	TRO650	1
62	208458	SWITCH BLOCK (DOUBLE POLE / 2 POSITION) (A0152B)	TRO650	1
63	392360	TRO CHARGER PCB SPACER	TTV678/300T, TRO650 ON-BOARD CHARGER	2
64	208805	LED CHARGER DISPLAY PCB	TTV678/300T, TRO650 ON-BOARD CHARGER	2
65	901152	TTV678 BADGE	TTV678	1
	901153	TRO650 BADGE	TRO650	1
	901154	ITB3226 BADGE (NACE)	ITB3226	1
66	219898	M8 SINGLE COIL STAINLESS STEEL WASHER		4
67	291123	M8 X 75 LONG HEX HEAD BOLT STAINLESS STEEL		2
68	291112	M8 X 40 LONG HEX BOLT STAINLESS STEEL		2
69	219853	M6 NYLOC HALF NUT (STAINLESS STEEL)		1
70	219642	M6 STAINLESS STEEL NYLON INSERT NUT		1
71	291035	M5 NYLON INSERT NUT (STAINLESS STEEL)		3
72	907149	KEY SWITCH SELECTOR (020SCA1)	907208 SPARE KEYS	2
73	907151	TERMINAL BLOCK N.O. (020E10)		3
74	907150	FIXING ADAPTER (020G)		2

Numatic International Spare Parts

Model No: TTV678 AND TRO650 FRONT MOULDING / LEVER & PANEL ASSEMBLY EXPLODED DRAWING

NB: FOR WIRING SEE DRAWING: WD-0359, DRW-15631, DRW-13416, DRW-14741



Internal Code: 905586

PRO DRAWING: DRW-24941 ISS:A10 16/10/2017

Numatic International Spare Parts

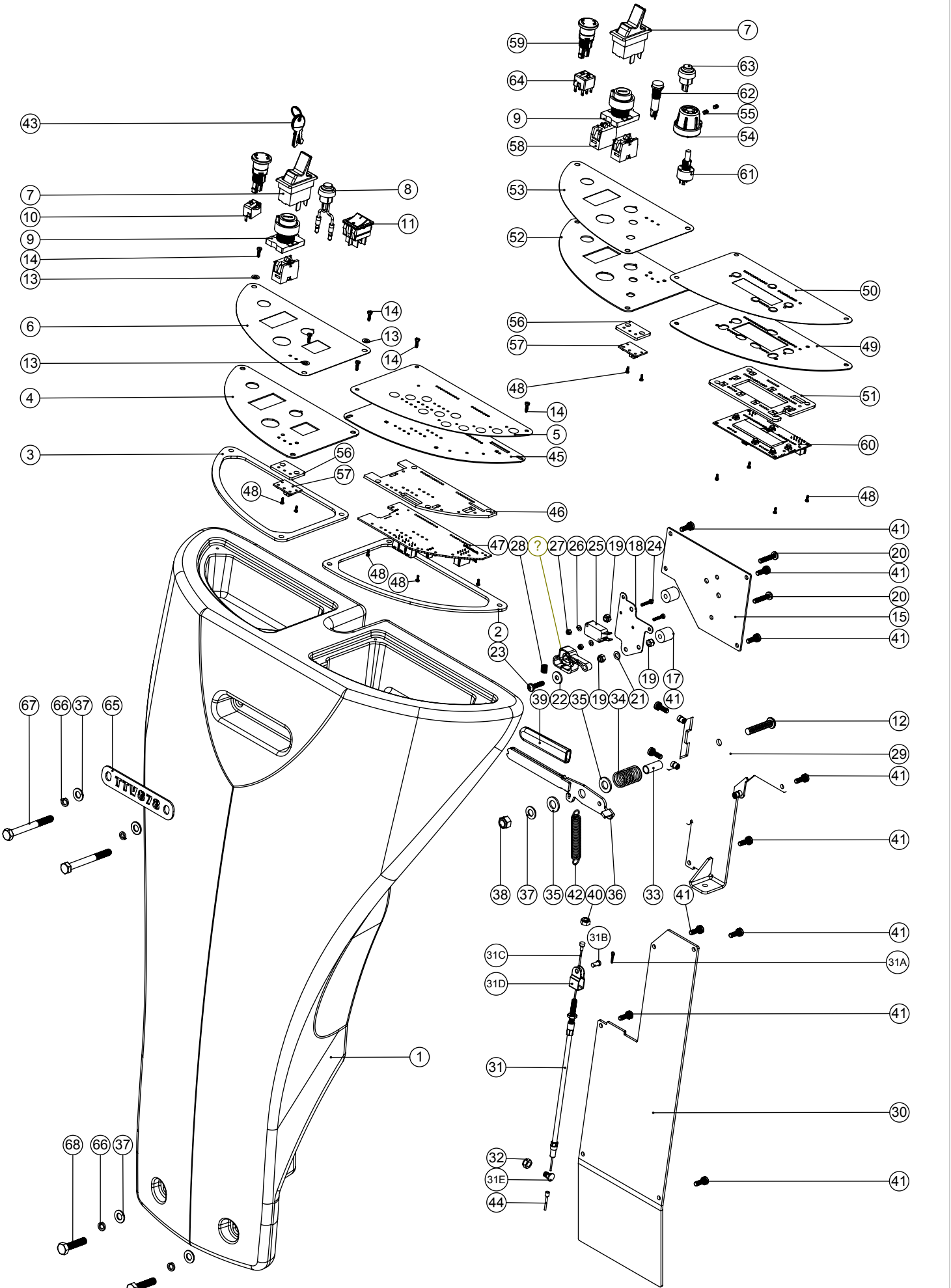
Model No: TTV678 AND TRO650 FRONT MOULDING / LEVER & PANEL ASSEMBLY EXPLODED DRAWING

ITEM	PART NO.	DESCRIPTION	COMMENTS	QTY.
1	219355	M5 FORM A STAINLESS STEEL WASHER		1
2	291132	M5 X 16MM LONG STAINLESS STEEL POZI PAN SEMS SCREW		13
3	219501	M3 FORM A STAINLESS STEEL WASHER		2
4	291154	M3 NYLON INSERT NUT STAINLESS STEEL		2
5	219903	M10 FORM A STAINLESS STEEL WASHER		2
6	902534	M3 X 10MM LONG POZI PAN SCREW STAINLESS STEEL		6
7	219688	M4 FORM A STAINLESS STEEL WASHER		6
8	219578	M8 FORM A STAINLESS STEEL WASHER		5
9	219639	M8 STAINLESS STEEL NYLON INSERT NUT		1
10	219500	M3 X 16MM LONG STAINLESS STEEL SLOT SCREW		2
11	219587	15.39MM O/D X 5.16MM I/D X 15.88MM LONG NYLON SPACER		2
12	227587	CENTRE SWITCH OPERATING LEVER MOULDING		1
13	219804	SWITCH COMPRESSION SPRING		1
14	219822	M8 X 45MM LONG SOCKET BUTTON STAINLESS STEEL HEAD BOLT		1
15	391191	LEVER PIVOT SPACER (S/S 10MM O/D 8MM I/D X 24MM LONG)		1
16	237335	TTV STEERING COLUMN MOULDING (GRAPHITE)	BLUE VERSION 229858	1
17	208096	PCB GASKET		1
18	208097	KEY PANEL GASKET		1
	310062	PCB REPLACEMENT KIT (MK3) INCLUDES ITEMS: 5,48, 49, 50, 51	TTV678 BUILT AFTER 12/01/09	1
	310043	PCB REPLACEMENT KIT (MK2)	TTV678 BUILT AFTER 12/01/09	1
	310042	PCB REPLACEMENT KIT (MK1)	TTV678 BUILT BEFORE 12/01/09	1
19	907130	TTV678 CONTROL PANEL (NEW KEY) PAINTED GREY C/W CLINCH NUTS		1
	429116	KEY & E STOP PANEL (PAINTED SILVER GREY)	TTV678 BUILT BEFORE 12/01/02 ISSUE A07	1
20	208048	RIDE ON DISPLAY PANEL MEMBRANE (PEDAL VERSION)	TTV678	1
21	208833	KEY & E-STOP OVERLAY (CHARGER LEDS)	TTV678/300T ON-BOARD CHARGER	1
	208128	KEY & E-STOP OVERLAY STICKER	TTV678/400T, TTV678 CHARGERLESS	1
22	206933	PADDLE SWITCH		2
23	321449	HORN SWITCH & SOLDERED LEAD ASSEMBLY	TTV678	1
24	206901	EMERGENCY STOP (A01MXB) 24MM DIAMETER BUTTON		2
25	208095	SWITCH BLOCK (SINGLE POLE / 2 POSITION) (A0151B)	TTV678	1
26	220552	RED ROCKER SWITCH (WHITE PRINT)	TTV678. BLUE VERSION 220843	1
27	404050	LEVER SWITCH PLATE PAINTED BLACK		1
28	329831	LEVER SWITCH PLATE 2		1
29	219575	M5 X 25MM LONG POZI PAN STAINLESS STEEL SCREW		2
30	219571	M5 X 20MM LONG POZI PAN STAINLESS STEEL SCREW		1
31	229483	SNAP ACTION SWITCH		1
32	303790	LEVER PIVOT/SELECTOR PLATE WELDED ASSEMBLY		1
33	329912	STEERING COLUMN COVER		1
34	206959	LIFTING CABLE ASSEMBLY	INCLUDES ITEMS: 36,37,38,39,42	1
35	208154	INNER CABLE		1
36	208157	CABLE U BRACKET		1
37	208158	CABLE U BRACKET PIN		1
38	208156	CABLE NIPLE		1
41	208155	COTTER PIN		1
42	219592	COMPRESSION SPRING		1
43	303789	LEVER PLATE WELD ASSEMBLY		1
44	903870	LEVER HANDLE MOULDING RED	BLACK VERSION 206991	1
45	226093	EXTENSION SPRING		1
46	208451	RED INSULATED BOOTLACE FERRULE -18MM PIN	1 PER REQUIRED WHEN ORDERING ITEM 35	1
47	304274	METAL PCB SUPPORT PLATE PAINTED GREY C/W SELF CLINCH NUTS	TTV678	1
48	392151	PLASTIC PCB SUPPORT PLATE	TTV678	1
49	208518	USB CONTROL PANEL/PCB (MK3)	TTV678	1
50	905565	M2 X 6MM LONG POZI PAN SCREW ST/ST		12
51	304478	TRO CONTROL PANEL BACK PLATE PAINTED GREY C/W CLINCH NUTS	TRO650	1
52	208795	TRO DISPLAY PANEL MEMBRANE	TRO650	1
53	392044	DISPLAY PCB PLASTIC SPACER PLATE	TRO650	1
54	208791	TRO650 LCD DISPLAY WITHOUT DETERGENT		1
55	907131	TRO CONTROL PANEL (NEW KEY) PAINTED GREY C/W CLINCH NUTS	TRO650	1
56	208794	TRO KEY & EMERGENCY STOP OVERLAY	TRO650 ON-BOARD CHARGER	1
	208814	TRO KEY & EMERGENCY STOP OVERLAY NON CHARGER VERSION	TRO650 CHARGERLESS	1
57	270316	POTENTIOMETER TYPE Pø30 22k OHMS 20% 3W (WITH PANEL SEAL) (ROUND SHAFT WITH FLAT / NO SLOT IN SHAFT END)	TRO650	1
58	903498	SPEED ADJUSTMENT KNOB C/W INSERT (RED)	TRO650. GREY VERSION 329363	1
59	219744	M4 X 6MM LONG BLACKODISED GRUB SCREW	TRO650	2
60	270291	GREEN LED INDICATOR 2V C/W 2.2K RESISTOR	TRO650	1
61	229454	HANDLE SWITCH	TRO650	1
62	208458	SWITCH BLOCK (DOUBLE POLE / 2 POSITION) (A0152B)	TRO650	1
63	392360	TRO CHARGER PCB SPACER	TTV678/300T, TRO650 ON-BOARD CHARGER	2
64	208805	LED CHARGER DISPLAY PCB	TTV678/300T, TRO650 ON-BOARD CHARGER	2
65	901152	TTV678 BADGE	TTV678	1
	901153	TRO650 BADGE	TRO650	1
	901154	TTB3226 BADGE (NACE)	TTB3226	1
66	219898	M8 SINGLE COIL STAINLESS STEEL WASHER		4
67	291123	M8 X 75 LONG HEX HEAD BOLT STAINLESS STEEL		2
68	291112	M8 X 40 LONG HEX BOLT STAINLESS STEEL		2
69	219853	M6 NYLOC HALF NUT (STAINLESS STEEL)		1
70	219642	M6 STAINLESS STEEL NYLON INSERT NUT		1
71	291035	M5 NYLON INSERT NUT (STAINLESS STEEL)		3
72	907149	KEY SWITCH SELECTOR (020SCA1)	907208 SPARE KEYS	2
73	907151	TERMINAL BLOCK N.O. (020E10)		3
74	907150	FIXING ADAPTER (020G)		2

Numatic International Spare Parts

Model No: VARIO FRONT MOULDING / LEVER & PANEL ASSEMBLY

NB: FOR WIRING SEE DRAWING: WD-0359, DRW-15631, DRW-13416, DRW-14741



Numatic International Spare Parts

Model No: VARIO FRONT MOULDING / LEVER & PANEL ASSEMBLY

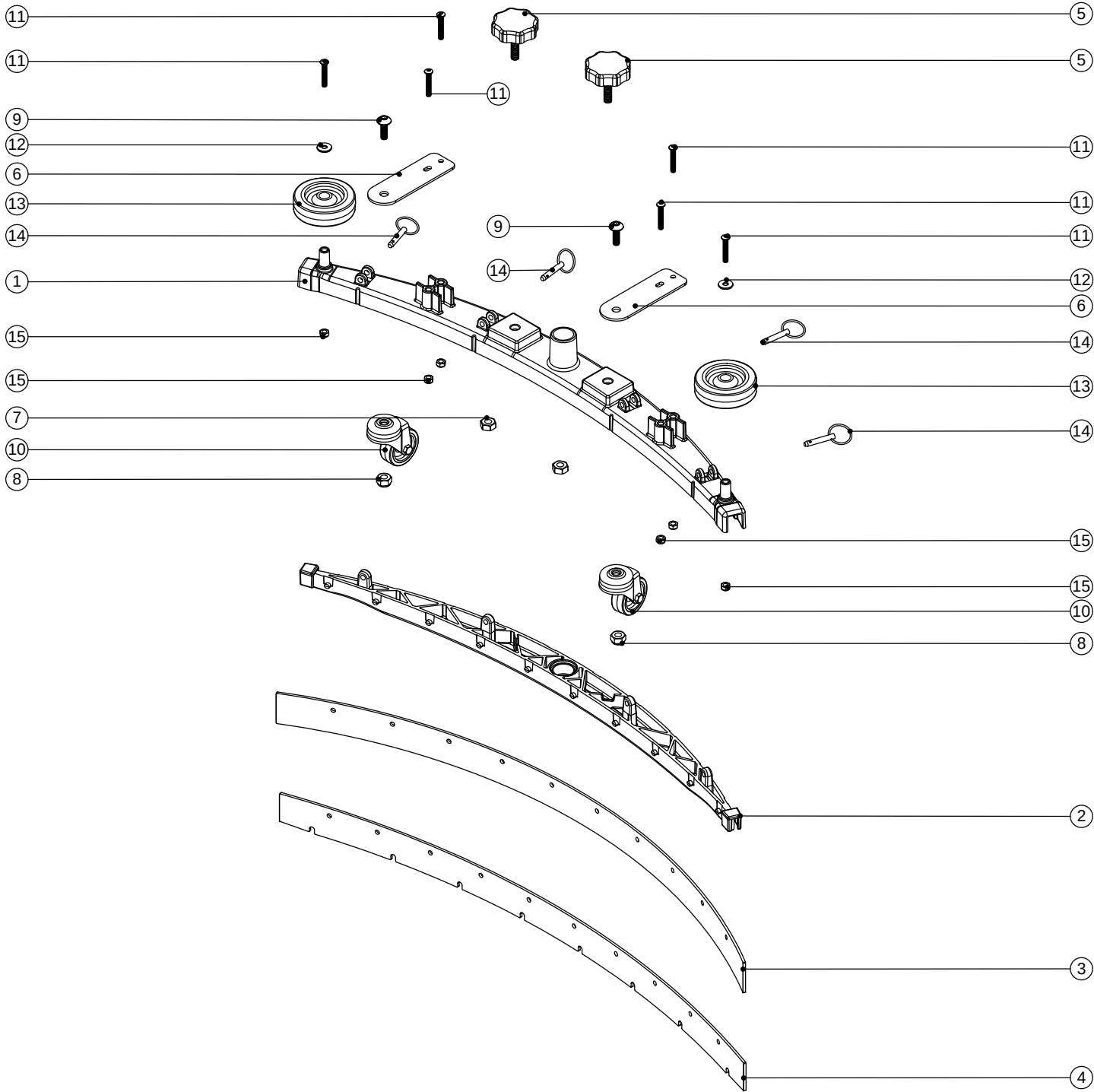
ITEM:	PART No:	DESCRIPTION	COMMENTS:
1	229858	TTV STEERING COLUMN MOULDING	
2	208096	PCB GASKET	
3	208097	KEY PANEL GASKET	
	310062	PCB REPLACEMENT KIT (MK3) INCLUDES ITEMS: 5, 48, 49, 50, 51	TTV678 BUILT AFTER 12/01/09
	310043	PCB REPLACEMENT KIT (MK2)	TTV678 BUILT AFTER 12/01/09
	310042	PCB REPLACEMENT KIT (MK1)	TTV678 BUILT BEFORE 12/01/09
4	304509	TTV678 KEY & EMERGENCY STOP PANEL BACK PLATE PAINTED GREY C/W SELF-CLINCH NUTS	TTV678/300T ON-BOARD CHARGER
	429116	KEY & E STOP PANEL (PAINTED SILVER GREY)	TTV678 CHARGERLESS; TTV678/400T; TTV678 BUILT BEFORE 12/01/09 ISSUE A07
5	208048	RIDE ON DISPLAY PANEL MEMBRANE (PEDAL VERSION)	TTV678
6	208833	KEY & E-STOP OVERLAY (CHARGER LEDS)	TTV678/300T ON-BOARD CHARGER
	208128	KEY & E STOP OVERLAY STICKER	TTV678/400T, TTV678 CHARGERLESS
7	206933	PADDLE SWITCH	
8	321449	HORN SWITCH & SOLDERED LEAD ASSEMBLY	TTV678
9	208138	KEY SWITCH (2 POSITION)	
10	208095	SWITCH BLOCK (SINGLE POLE / 2 POSITION) (A0151B)	TTV678
11	220843	BLUE ROCKER SWITCH	TTV678
12	219865	M8 X 40MM LONG SOCKET BOLT	
13	219688	M4 FORM A STAINLESS STEEL WASHER	
14	219236	M3 X 10MM LONG SLOT SCREW	
15	404050	LEVER SWITCH PLATE PAINTED BLACK	
16	227587	CENTRE SWITCH OPERATING LEVER MOULDING	
17	219587	15.39MM O/D X 5.16MM I/D X 15.88MM LONG NYLON SPACER	
18	329831	LEVER SWITCH PLATE 2	
19	219076	M5 NYLON INSERT NUT	
20	219575	M5 X 25MM LONG POZI PAN STAINLESS STEEL SCREW	
21	219003	M5 FORM A STEEL WASHER	
22	219005	M5 FORM G WASHER	
23	219054	M5 X 20MM LONG POZI PAN SCREW	
24	219500	M3 X 16MM LONG STAINLESS STEEL SLOT SCREW	
25	229483	SNAP ACTION SWITCH	
26	219237	M3 FORM A WASHER	
27	219070	M3 NYLON INSERT NUT	
28	219804	SWITCH COMPRESSION SPRING	
29	303790	LEVER PIVOT/SELECTOR PLATE WELDED ASSEMBLY	
30	329912	STEERING COLUMN COVER	
31	206959	LIFTING CABLE ASSEMBLY	INCLUDES ITEMS: 31A,31B,31C,31D,31E
31A	208155	COTTER PIN	
31B	208158	CABLE U BRACKET PIN	
31C	208154	INNER CABLE	
31D	208157	CABLE U BRACKET	
31E	208156	CABLE NIPPLE	
32	219853	M6 NYLOC HALF NUT (STAINLESS STEEL)	
33	391191	LEVER PIVOT SPACER (S/S 10MM O/D 8MM I/D X 24MM LONG)	
34	219592	COMPRESSION SPRING	
35	219449	M10 FORM A WASHER	
36	303789	LEVER PLATE WELD ASSEMBLY	
37	219578	M8 FORM A STAINLESS STEEL WASHER	
38	219078	NUT.M8.NYLON INSERT.Z/PL	
39	206991	LEVER HANDLE MOULDING	
40	219642	M6 STAINLESS STEEL NYLON INSERT NUT	
41	219045	M5 X 16MM LONG POZI PAN SEMS SCREW	
42	226093	EXTENSION SPRING	
43	208167	SPARE SET OF KEYS (2 KEYS)	
44	208451	RED INSULATED BOOTLACE FERRULE -18MM PIN	1 PER REQUIRED WHEN ORDERING ITEM 31
45	304274	METAL PCB SUPPORT PLATE PAINTED GREY C/W SELF CLINCH NUTS	TTV678
46	392151	PLASTIC PCB SUPPORT PLATE	TTV678
47	208518	USB CONTROL PANEL/PCB (MK3)	TTV678
48	219978	M2 X 6MM LONG POZI PAN SCREW	
49	304478	TRO CONTROL PANEL BACK PLATE PAINTED GREY C/W CLINCH NUTS	TRO650
50	208795	TRO DISPLAY PANEL MEMBRANE	TRO650
51	392044	DISPLAY PCB PLASTIC SPACER PLATE	TRO650
52	304489	TRO KEY & EMERGENCY STOP PANEL BACK PLATE PAINTED GREY C/W SELF-CLINCH NUTS	TRO650 ON-BOARD CHARGER
	404188	KEY & EMERGENCY STOP PANEL BACK PLATE PAINTED SILVER GREY	TRO650 CHARGERLESS
53	208794	TRO KEY & EMERGENCY STOP OVERLAY	TRO650 ON-BOARD CHARGER
	208814	TRO KEY & EMERGENCY STOP OVERLAY NON CHARGER VERSION	TRO650 CHARGERLESS
54	329363	SPEED ADJUSTMENT KNOB C/W INSERT	TRO650
55	219744	M4 X 6MM LONG BLACKODISED GRUB SCREW	TRO650
56	392360	TRO CHARGER PCB SPACER	TTV678/300T, TRO650 ON-BOARD CHARGER
57	208805	LED CHARGER DISPLAY PCB	TTV678/300T, TRO650 ON-BOARD CHARGER
58	208137	KEY SWITCH ACTUATOR BLOCK	
59	206901	EMERGENCY STOP (A01ES) 24MM DIAMETER BUTTON	
60	208791	TRO650 LCD DISPLAY WITHOUT DETERGENT	
61	270316	POTENTIOMETER TYPE P&30 22k OHMS 20% 3W (WITH PANEL SEAL) (ROUND SHAFT WITH FLAT / NO SLOT IN SHAFT END)	TRO650
62	270291	GREEN LED INDICATOR 2V C/W 2.2K RESISTOR	TRO650
63	229454	HANDLE SWITCH	TRO650
64	208458	SWITCH BLOCK (DOUBLE POLE / 2 POSITION) (A0152B)	TRO650
65	901152	TTV678 BADGE	TTV678
	901153	TRO650 BADGE	TRO650
	901154	TTB3226 BADGE (NACE)	TTB3226
66	219898	M8 SINGLE COIL STAINLESS STEEL WASHER	
67	291123	M8 X 75 LONG HEX HEAD BOLT STAINLESS STEEL	
68	291112	M8 X 40 LONG HEX BOLT STAINLESS STEEL	

Numatic International Spare Parts

Model No: Vario Squeegee Assembly (650mm Wide)

234566
DRAWING: EXP-0995 ISS:A01
04/09/2008

NB: FOR WIRING SEE DRAWING: N/A



Numatic International Spare Parts

Model No: Vario Squeegee Assembly (650mm Wide)

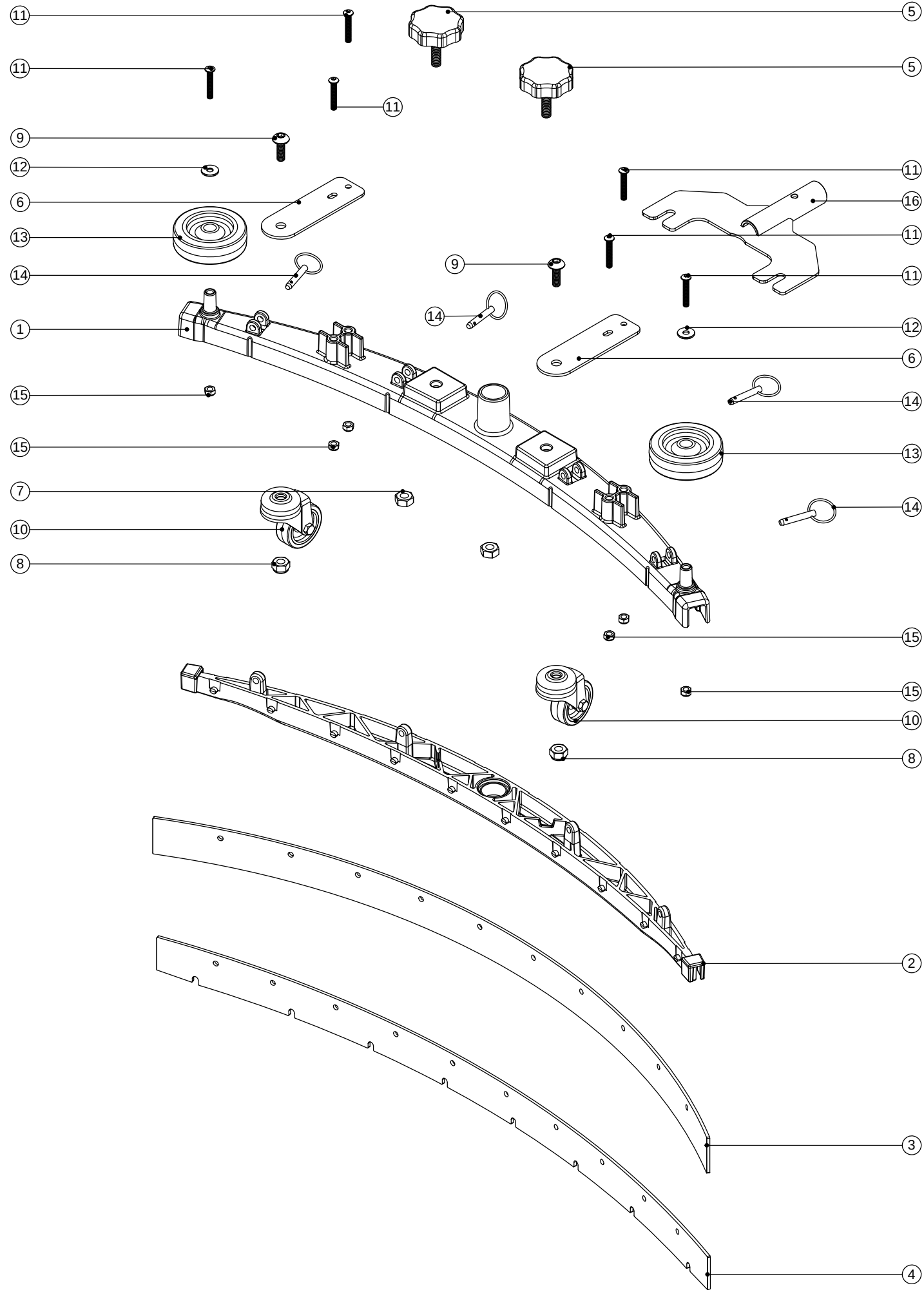
POS:	ITEM NO:	DESCRIPTION:	COMMENTS:
1	206952	SQUEEGEE ALUMINIUM CASTING (650)	
2	229860	BLADE HOLDER MOULDING (650)	
3	206978	650MM LONG (REAR) POLY/BLADE	
4	206977	650MM LONG (FRONT) POLY/BLADE	
5	206951	QUICK RELEASE KNOB	
6	329825	CASTOR PLATE	
7	219963	M10.FULL NUT.STAINLESS STEEL	
8	219897	M10 STAINLESS STEEL NYLON INSERT NUT	
9	219910	M10 X 25MM LONG SOCKET BUTTON HEAD STAINLESS STEEL SCREW	
10	204018	50MM CASTOR/GREY RUBBER TYRE	
11	219933	M6 X 35MM SOCKET BUTTON HEAD BOLT STAINLESS STEEL	
12	219647	M6 FORM G STAINLESS STEEL WASHER	
13	204068	3 INCH GREY WHEEL	
14	206953	DETENT PINS	
15	219853	M6 NYLOC HALF NUT (STAINLESS STEEL)	

Numatic International Spare Parts

Model No: Vario Squeegee Assembly (650mm Wide)

234566
DRAWING: EXP-0995 ISS:A02
06/01/2009

NB: FOR WIRING SEE DRAWING: N/A



Numatic International Spare Parts

Model No: Vario Squeegee Assembly (650mm Wide)

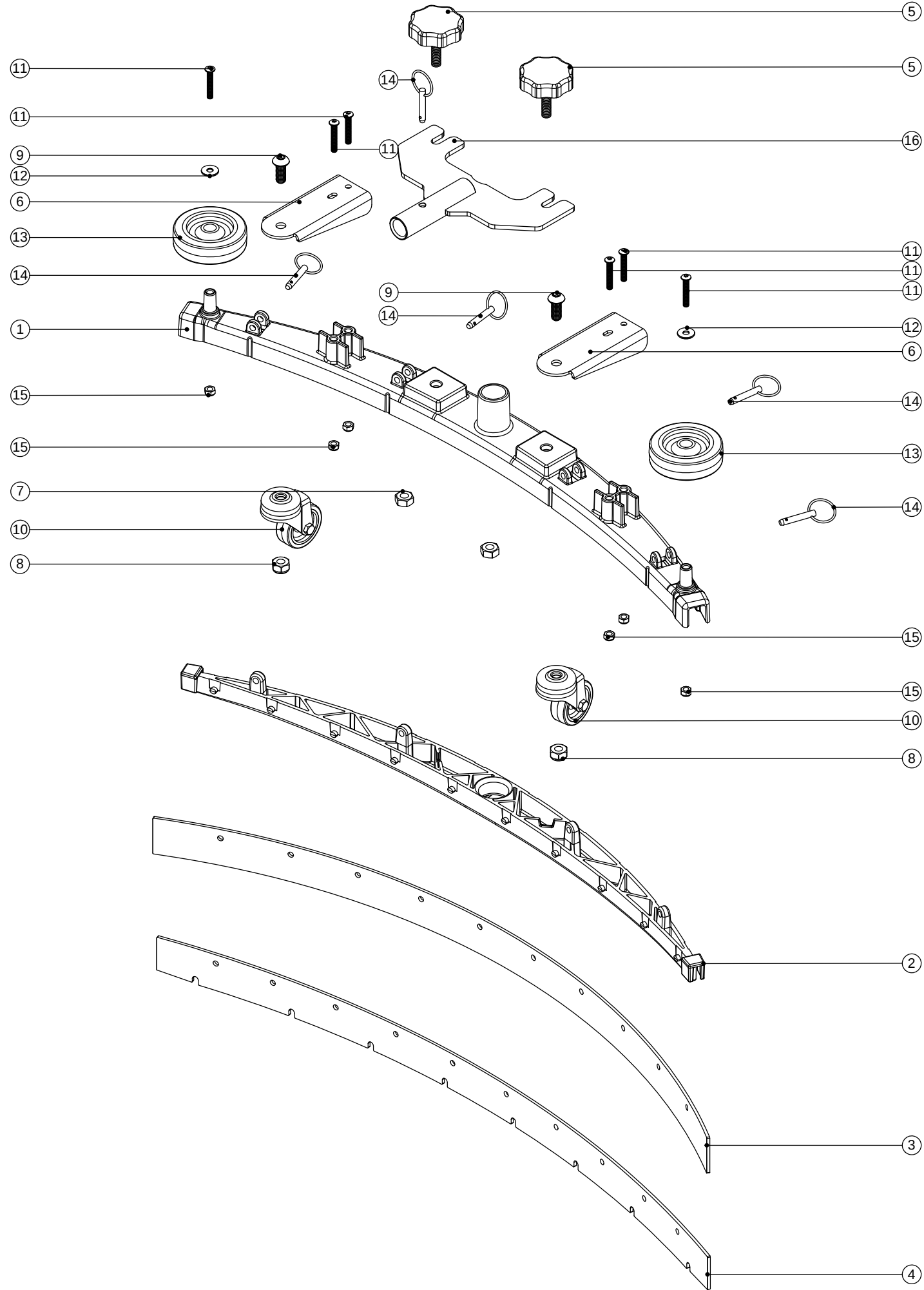
POS:	ITEM NO:	DESCRIPTION:	COMMENTS:
1	206952	SQUEEGEE ALUMINIUM CASTING (650)	
2	229860	BLADE HOLDER MOULDING (650)	
3	206978	650MM LONG (REAR) POLY/BLADE	
4	206977	650MM LONG (FRONT) POLY/BLADE	
5	206951	QUICK RELEASE KNOB	
6	329825	CASTOR PLATE	
7	219963	M10.FULL NUT.STAINLESS STEEL	
8	219897	M10 STAINLESS STEEL NYLON INSERT NUT	
9	219910	M10 X 25MM LONG SOCKET BUTTON HEAD STAINLESS STEEL SCREW	
10	204018	50MM CASTOR/GREY RUBBER TYRE	
11	219933	M6 X 35MM SOCKET BUTTON HEAD BOLT STAINLESS STEEL	
12	219647	M6 FORM G STAINLESS STEEL WASHER	
13	204068	3 INCH GREY WHEEL	
14	206953	DETENT PINS	
15	219853	M6 NYLOC HALF NUT (STAINLESS STEEL)	
16	303795	QUICK RELEASE TUBE/PLATE WELDED ASSEMBLY	

Numatic International Spare Parts

Model No:TTV678 Squeegee Assy (650mm Scrub Width/38mm Hose)

234566
DRAWING: EXP-0995 ISS:A07
03/11/2010

NB: FOR WIRING SEE DRAWING: N/A



Numatic International Spare Parts

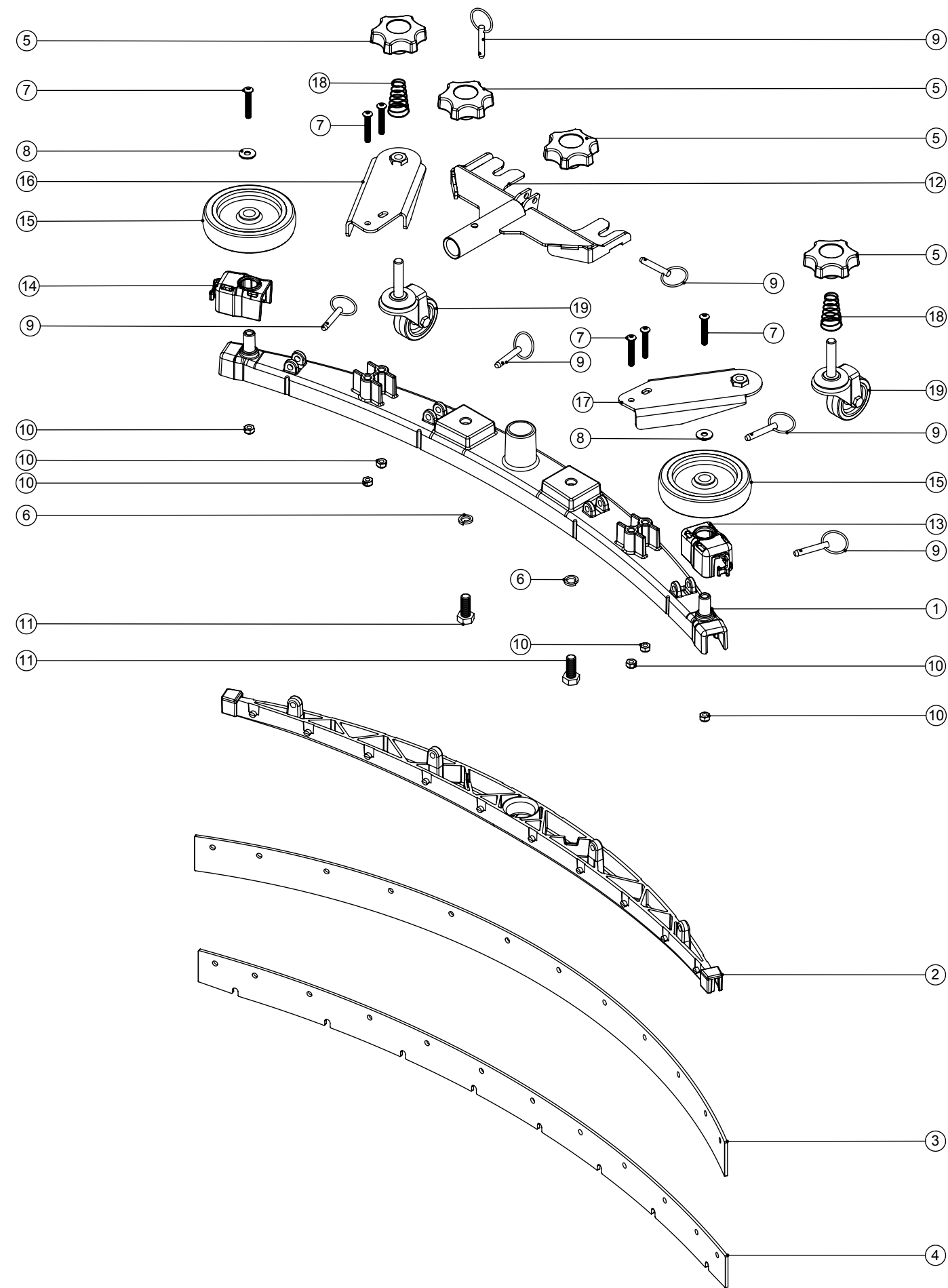
Model No: TTV678 Squeegee Assy (650mm Scrub Width/38mm Hose)

POS:	ITEM NO:	DESCRIPTION:	COMMENTS:
1	208198	(650MM SCRUB WIDTH) ALUMINIUM SQUEEGEE CASTING (38MM HOSE FITTING)	
2	229987	(650MM SCRUB WIDTH) BLADE HOLDER MouldING (SLOPING PROFILE) (32MM & 38MM HOSE FITTING)	
3	206978	(650MM SCRUB WIDTH) REPLACEMENT (3.2MM / 43 SHORE A) REAR POLY/BLADE (847MM LONG)	STANDARD BLADE OPTION
	208202	(650MM SCRUB WIDTH) REPLACEMENT (4.0MM / 50 SHORE A) REAR POLY/BLADE (847MM LONG)	PREMIUM BLADE OPTION
	208203	(650MM SCRUB WIDTH) REPLACEMENT (4.0MM / 40 SHORE A) REAR RED LINATEX PREMIUM NATURAL RUBBER /BLADE (847MM LONG)	PREMIUM BLADE OPTION
4	206977	(650MM SCRUB WIDTH) REPLACEMENT (3.2MM / 43 SHORE A) FRONT POLY/BLADE (819MM LONG)	STANDARD BLADE OPTION
	208199	(650MM SCRUB WIDTH) REPLACEMENT (3.2MM / 50 SHORE A) FRONT POLY/BLADE (819MM LONG)	PREMIUM BLADE OPTION
	208201	(650MM SCRUB WIDTH) REPLACEMENT (3.2MM / 40 SHORE A) FRONT RED LINATEX PREMIUM NATURAL RUBBER /BLADE (819MM LONG)	PREMIUM BLADE OPTION
5	206951	QUICK RELEASE KNOB	
6	329825	CASTOR PLATE	
7	219963	M10 STAINLESS STEEL FULL NUT	
8	219897	M10 STAINLESS STEEL NYLON INSERT NUT	
9	219910	M10 X 25MM LONG SOCKET BUTTON HEAD STAINLESS STEEL SCREW	
10	204018	50MM CASTOR/GREY RUBBER TYRE	
11	219933	M6 X 35MM SOCKET BUTTON HEAD BOLT STAINLESS STEEL	
12	219647	M6 FORM G STAINLESS STEEL WASHER	
13	204068	3 INCH GREY WHEEL	
14	206953	DETENT PINS	
15	219853	M6 NYLOC HALF NUT (STAINLESS STEEL)	
16	303795	QUICK RELEASE TUBE/PLATE WELDED ASSEMBLY	

Numatic International Spare Parts

Model No: 650mm & 750mm Aluminium Floor Tool

NB: FOR WIRING SEE DRAWING: N/A



234954
DRAWING: DRW-13428 ISS: A01
07/03/2013

Numatic International Spare Parts

Model No: 650mm & 750mm Aluminium Floor Tool

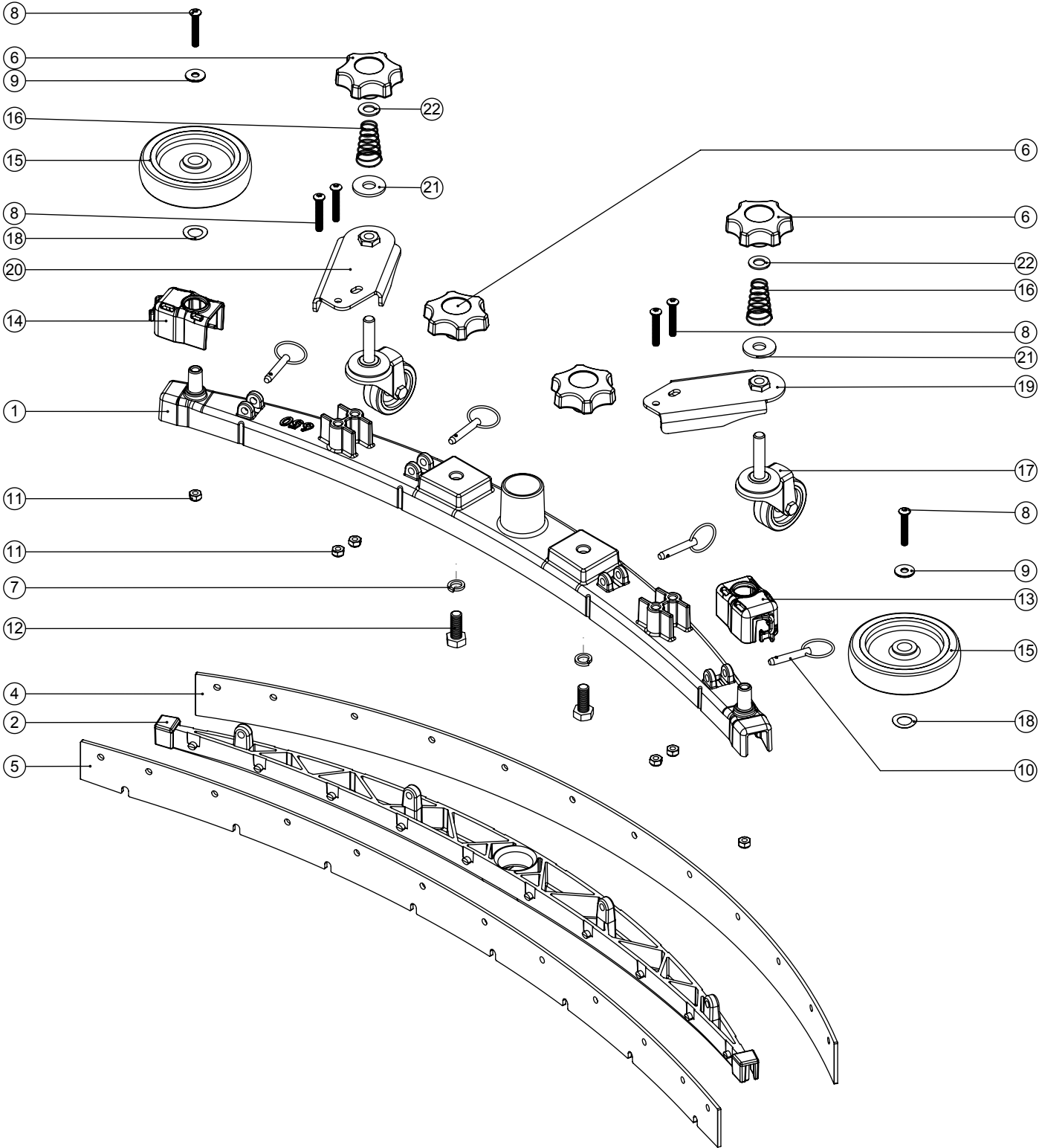
ITEM:	PART No:	DESCRIPTION	COMMENTS:
1	208198	(650MM SCRUB WIDTH) ALUMINIUM SQUEEGEE CASTING (38MM HOSE FITTING)	
	208637	(750MM SCRUB WIDTH) ALUMINIUM SQUEEGEE CASTING (38MM HOSE FITTING)	
2	229987	(650MM SCRUB WIDTH) BLADE HOLDER MouldING (SLOPING PROFILE) (32MM & 38MM HOSE FITTING)	
	237624	(750MM SCRUB WIDTH) BLADE HOLDER MouldING (SLOPING PROFILE) (32MM & 38MM HOSE FITTING)	
3	206978	(650MM SCRUB WIDTH) REPLACEMENT (3.2MM / 43 SHORE A) REAR POLY/BLADE (847MM LONG)	
	208203	(650MM SCRUB WIDTH) REPLACEMENT (4.0MM / 40 SHORE A) REAR RED LINATEX PREMIUM NATURAL RUBBER /BLADE (847MM LONG)	
	208642	(750MM SCRUB WIDTH) REPLACEMENT (3.2MM / 43 SHORE A) REAR POLY/BLADE (1000MM LONG)	
	208640	(750MM SCRUB WIDTH) REPLACEMENT (4.0MM / 40 SHORE A) REAR RED LINATEX PREMIUM NATURAL RUBBER /BLADE (1000MM LONG)	
4	206977	(650MM SCRUB WIDTH) REPLACEMENT (3.2MM / 43 SHORE A) FRONT POLY/BLADE (819MM LONG)	
	208201	(650MM SCRUB WIDTH) REPLACEMENT (3.2MM / 40 SHORE A) FRONT RED LINATEX PREMIUM NATURAL RUBBER /BLADE (819MM LONG)	
	208641	(750MM SCRUB WIDTH) REPLACEMENT (3.2MM / 43 SHORE A) FRONT POLY/BLADE (968MM LONG)	
	208639	(750MM SCRUB WIDTH) REPLACEMENT (3.2MM / 40 SHORE A) FRONT RED LINATEX PREMIUM NATURAL RUBBER /BLADE (968MM LONG)	
5	208354	M10 LOBE KNOB	
6	219899	M10 SINGLE COIL STAINLESS STEEL WASHER	
7	219933	M6 X 35MM SOCKET BUTTON HEAD BOLT STAINLESS STEEL	
8	219647	M6 FORM G STAINLESS STEEL WASHER	
9	206953	DETENT PINS	
10	219642	M6 STAINLESS STEEL NYLON INSERT NUT	
11	219909	M10 X 25MM LONG HEXAGONAL STAINLESS STEEL SCREW	
12	304466	FLOOR TOOL BRACKET ASSEMBLY (TT/TTB4045/4055)	
	303795	FLOOR TOOL BRACKET ASSEMBLY (TRO 650 /TTV 678)	TTV678 & TRO650
13	237322	RIGHT HAND FLOOR TOOL CLIP MouldING	
14	237323	LEFT HAND FLOOR TOOL CLIP MouldING	
15	208796	4 INCH WHEEL	
16	304441	ADJUSTABLE WIDE ANGLE FLOOR TOOL CASTOR PLATE LHS WELD ASSEMBLY	
17	304440	ADJUSTABLE WIDE ANGLE FLOOR TOOL CASTOR PLATE RHS WELD ASSEMBLY	
18	229175	CONICAL SPRING	
19	208497	50MM C50MM DIAMETER GREY TPR TYRED SWIVEL CASTORS C/W M10 X 45 SWAGED STEMASTOR/GREY RUBBER TYRE	

Numatic International Spare Parts

Model No: 650 TWINTEC ALUMINIUM FLOOR TOOL (38MM HOSE, RED TRIM, SERILOR BLADES)

Internal Code: 903347
PRO DRAWING: DRW-22621 ISS:A05
05/08/2016

NB: FOR WIRING SEE DRAWING: N/A



Numatic International Spare Parts

Model No: 650 TWINTEC ALUMINIUM FLOOR TOOL (38MM HOSE, RED TRIM, SERILOR BLADES)

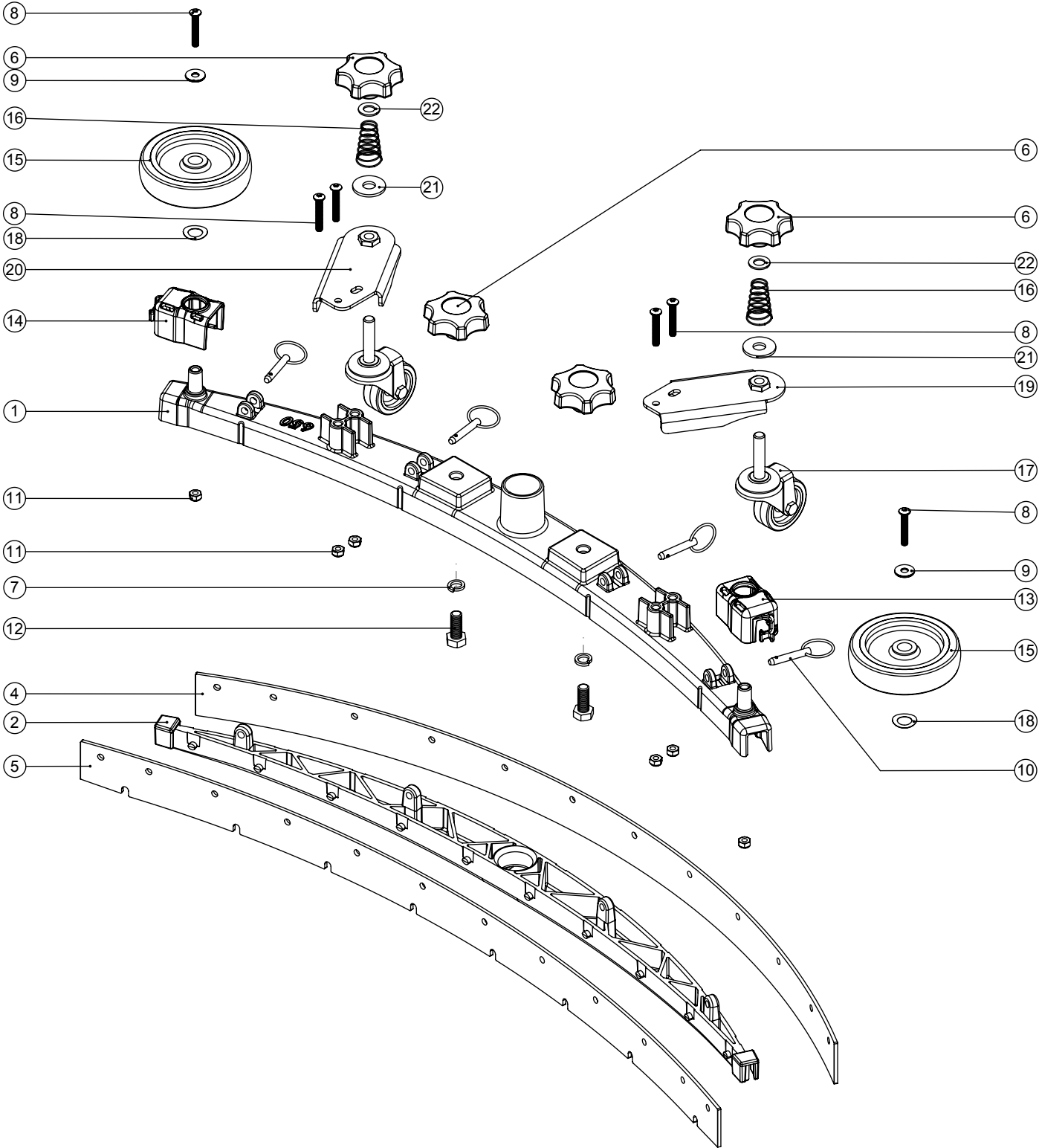
ITEM:	PART No:	Description	Qty
1	208198	(650MM SCRUB WIDTH) ALUMINIUM SQUEEGEE CASTING (38MM HOSE FITTING)	1
2	903345	(650MM SCRUB WIDTH) RED BLADE HOLDER MOULDING (SLOPING PROFILE) (32MM & 38MM HOSE FITTING)	1
4 & 5	900518	650MM REPLACEMENT SERILOR GREEN POLYURETHANE BLADES SET	
4	208970	(650MM SCRUB WIDTH) REPLACEMENT (4.0MM / 35-45-35 SHORE A) REAR LAMINATED SERILOR POLY/BLADE (847MM LONG)	1
5	208967	(650MM SCRUB WIDTH) REPLACEMENT (3.2MM / 40 SHORE A) FRONT MONOLAYER SERILOR POLY/BLADE (819MM LONG)	1
6	903281	M10 LOBE KNOB (RED)	4
7	219899	M10 SINGLE COIL STAINLESS STEEL WASHER	2
8	219933	M6 X 35MM SOCKET BUTTON HEAD BOLT STAINLESS STEEL	6
9	219647	M6 FORM G STAINLESS STEEL WASHER	2
10	206953	DETENT PINS	4
11	219642	M6 STAINLESS STEEL NYLON INSERT NUT	6
12	219909	M10 X 25MM LONG HEXAGONAL STAINLESS STEEL SCREW	2
13	237322	RIGHT HAND FLOOR TOOL CLIP MOULDING	1
14	237323	LEFT HAND FLOOR TOOL CLIP MOULDING	1
15	208796	4 INCH WHEEL	2
16	229175	CONICAL SPRING	2
17	208497	50MM DIAMETER GREY TPR TYRED SWIVEL CASTORS C/W M10 X 45 SWAGED STEM.	2
18	219891	13MM WAVEY WASHER	2
19	304523	ADJUSTABLE FLOOR TOOL CASTOR PLATE RHS WELD ASSY	1
20	304522	ADJUSTABLE FLOOR TOOL CASTOR PLATE LHS WELD ASSY	1
21	291124	M10 PENNY WASHER STAINLESS STEEL	2
22	219903	M10 FORM A STAINLESS STEEL WASHER	2

Numatic International Spare Parts

Model No: 650 TWINTEC ALUMINIUM FLOOR TOOL (38MM HOSE, RED TRIM, SERILOR BLADES)

Internal Code: 903347
MS5
DRAWING: DRW-22621
ISS:A05
24/10/2016

NB: FOR WIRING SEE DRAWING: N/A



Numatic International Spare Parts

Model No: 650 TWINTEC ALUMINIUM FLOOR TOOL (38MM HOSE, RED TRIM, SERILOR BLADES)

Provisional

ITEM:	PART No:	Description	Qty
1	208198	(650MM SCRUB WIDTH) ALUMINIUM SQUEEGEE CASTING (38MM HOSE FITTING)	1
2	903345	(650MM SCRUB WIDTH) RED BLADE HOLDER MOULDING (SLOPING PROFILE) (32MM & 38MM HOSE FITTING)	1
	900518	650 REPLACEMENT SERILOR GREEN POLYURETHANE BLADES SET	
4	208970	(650MM SCRUB WIDTH) REPLACEMENT (4.0MM / 35-45-35 SHORE A) REAR LAMINATED SERILOR POLY/BLADE (847MM LONG)	1
5	208967	(650MM SCRUB WIDTH) REPLACEMENT (3.2MM / 40 SHORE A) FRONT MONOLAYER SERILOR POLY/BLADE (819MM LONG)	1
6	903281	M10 LOBE KNOB (RED)	4
7	219899	M10 SINGLE COIL STAINLESS STEEL WASHER	2
8	219933	M6 X 35MM SOCKET BUTTON HEAD BOLT STAINLESS STEEL	6
9	219647	M6 FORM G STAINLESS STEEL WASHER	2
10	206953	DETENT PINS	4
11	219642	M6 STAINLESS STEEL NYLON INSERT NUT	6
12	219909	M10 X 25MM LONG HEXAGONAL STAINLESS STEEL SCREW	2
13	237322	RIGHT HAND FLOOR TOOL CLIP MOULDING	1
14	237323	LEFT HAND FLOOR TOOL CLIP MOULDING	1
15	208796	4 INCH WHEEL	2
16	229175	CONICAL SPRING	2
17	208497	50MM DIAMETER GREY TPR TYRED SWIVEL CASTORS C/W M10 X 45 SWAGED STEM.	2
18	219891	13MM WAVEY WASHER	2
19	304523	ADJUSTABLE FLOOR TOOL CASTOR PLATE RHS WELD ASSY	1
20	304522	ADJUSTABLE FLOOR TOOL CASTOR PLATE LHS WELD ASSY	1
21	291124	M10 PENNY WASHER STAINLESS STEEL	2
22	219903	M10 FORM A STAINLESS STEEL WASHER	2

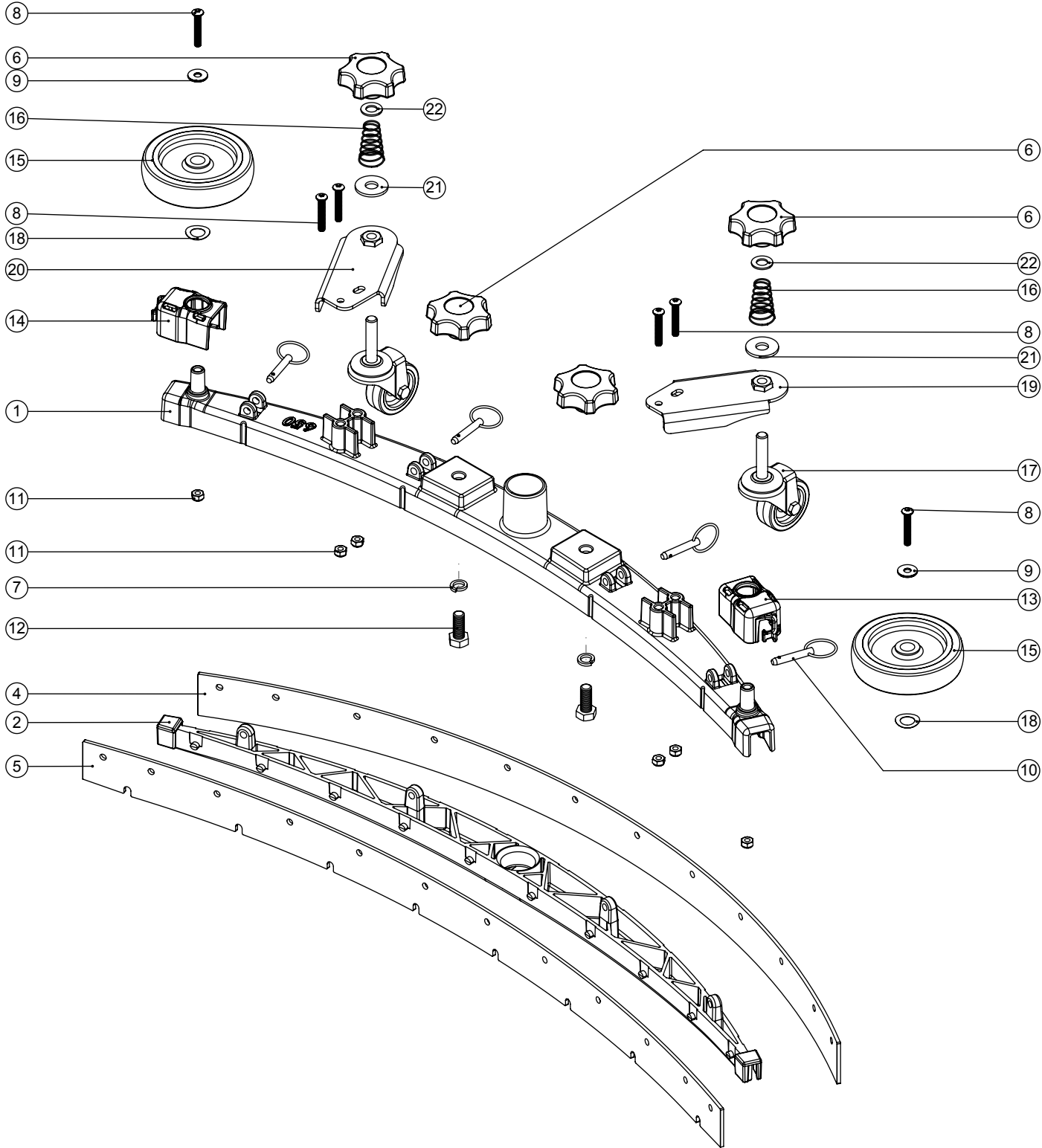
Numatic International Spare Parts

Model No: 650 TWINTEC ALUMINIUM FLOOR TOOL (38MM HOSE, RED TRIM, SERILOR BLADES)

Internal Code: 903347

PRODRAWING: DRW-22621ISS: A0506/02/2017

NB: FOR WIRING SEE DRAWING: N/A



Numatic International Spare Parts

Model No: 650 TWINTEC ALUMINIUM FLOOR TOOL (38MM HOSE, RED TRIM, SERILOR BLADES)

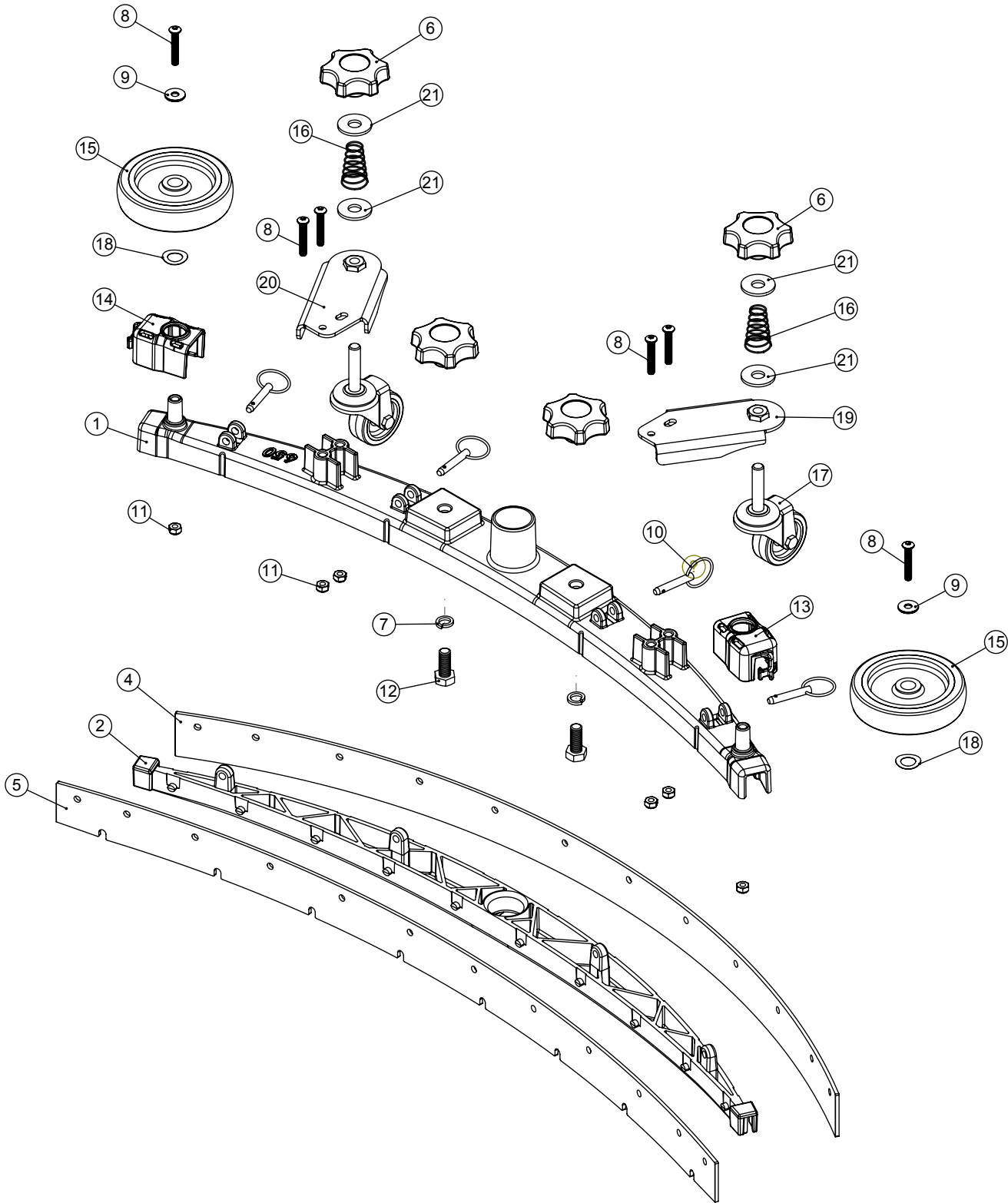
ITEM:	PART No:	Description	Qty
1	208198	(650MM SCRUB WIDTH) ALUMINIUM SQUEEGEE CASTING (38MM HOSE FITTING)	1
2	903345	(650MM SCRUB WIDTH) RED BLADE HOLDER MOULDING (SLOPING PROFILE) (32MM & 38MM HOSE FITTING)	1
	900518	650 REPLACEMENT SERILOR GREEN POLYURETHANE BLADES SET	
4	208970	(650MM SCRUB WIDTH) REPLACEMENT (4.0MM / 35-45-35 SHORE A) REAR LAMINATED SERILOR POLY/BLADE (847MM LONG)	1
5	208967	(650MM SCRUB WIDTH) REPLACEMENT (3.2MM / 40 SHORE A) FRONT MONOLAYER SERILOR POLY/BLADE (819MM LONG)	1
6	903281	M10 LOBE KNOB (RED)	4
7	219899	M10 SINGLE COIL STAINLESS STEEL WASHER	2
8	219933	M6 X 35MM SOCKET BUTTON HEAD BOLT STAINLESS STEEL	6
9	219647	M6 FORM G STAINLESS STEEL WASHER	2
10	206953	DETENT PINS	4
11	219642	M6 STAINLESS STEEL NYLON INSERT NUT	6
12	219909	M10 X 25MM LONG HEXAGONAL STAINLESS STEEL SCREW	2
13	237322	RIGHT HAND FLOOR TOOL CLIP MOULDING	1
14	237323	LEFT HAND FLOOR TOOL CLIP MOULDING	1
15	208796	4 INCH WHEEL	2
16	229175	CONICAL SPRING	2
17	208497	50MM DIAMETER GREY TPR TYRED SWIVEL CASTORS C/W M10 X 45 SWAGED STEM.	2
18	219891	13MM WAVEY WASHER	2
19	304523	ADJUSTABLE FLOOR TOOL CASTOR PLATE RHS WELD ASSY	1
20	304522	ADJUSTABLE FLOOR TOOL CASTOR PLATE LHS WELD ASSY	1
21	291124	M10 PENNY WASHER STAINLESS STEEL	2
22	219903	M10 FORM A STAINLESS STEEL WASHER	2

Numatic International Spare Parts

Model No: 650 TWINTEC ALUMINIUM FLOOR TOOL (38MM HOSE, RED TRIM, SERILOR BLADES)

Internal Code: 903347
PRO DRAWING: DRW-22621 ISS:A07
22/11/2017

NB: FOR WIRING SEE DRAWING: N/A



Numatic International Spare Parts

Model No: 650 TWINTEC ALUMINIUM FLOOR TOOL (38MM HOSE, RED TRIM, SERILOR BLADES)

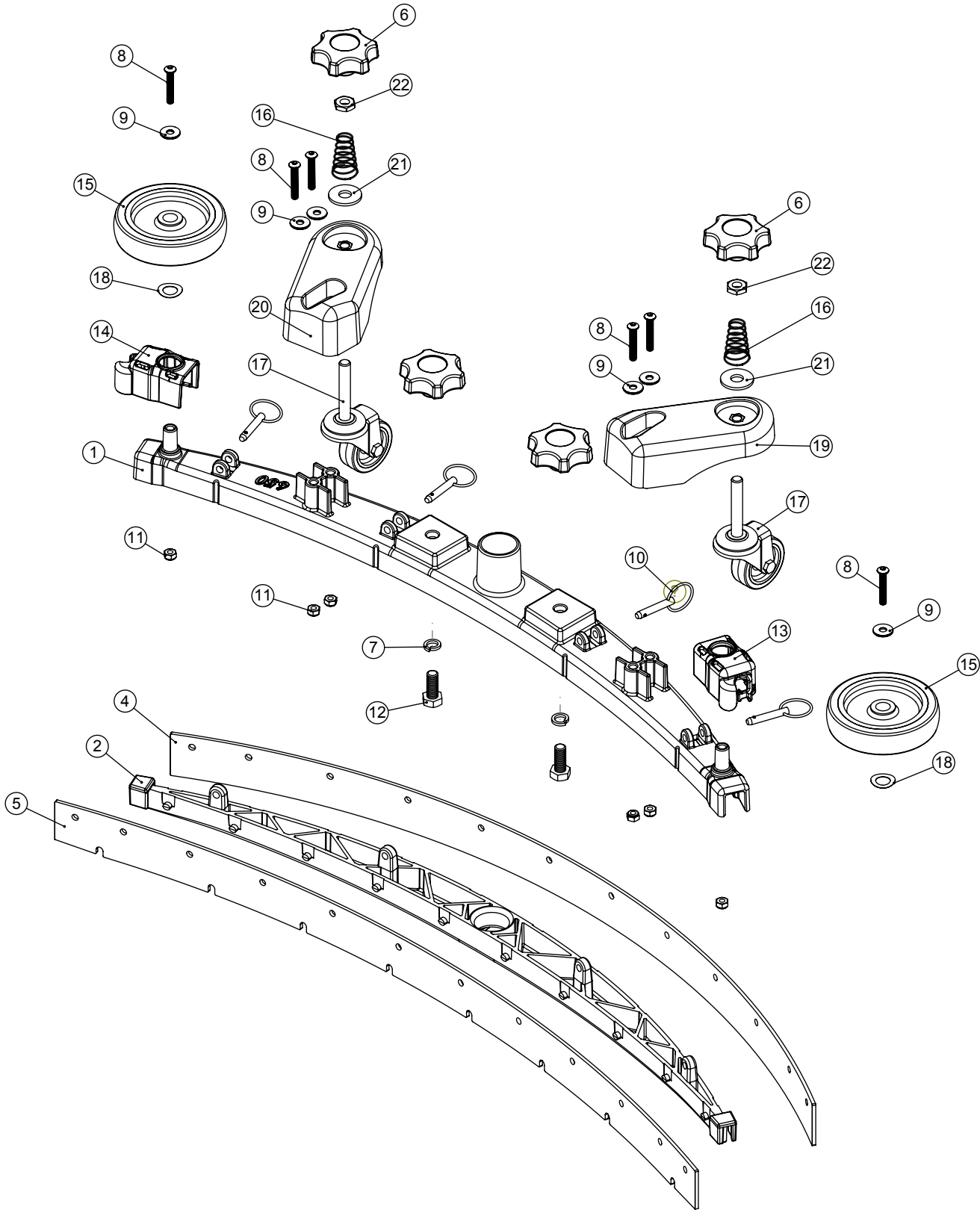
ITEM:	PART No:	Description	Qty
1	208198	(650MM SCRUB WIDTH) ALUMINIUM SQUEEGEE CASTING (38MM HOSE FITTING)	1
2	903345	(650MM SCRUB WIDTH) RED BLADE HOLDER MOULDING (SLOPING PROFILE) (32MM & 38MM HOSE FITTING)	1
	900518	650 REPLACEMENT SERILOR GREEN POLYURETHANE BLADES SET	
4	208970	(650MM SCRUB WIDTH) REPLACEMENT (4.0MM / 35-45-35 SHORE A) REAR LAMINATED SERILOR POLY/BLADE (847MM LONG)	1
5	208967	(650MM SCRUB WIDTH) REPLACEMENT (3.2MM / 40 SHORE A) FRONT MONOLAYER SERILOR POLY/BLADE (819MM LONG)	1
6	903281	M10 LOBE KNOB (RED)	4
7	219899	M10 SINGLE COIL STAINLESS STEEL WASHER	2
8	219933	M6 X 35MM SOCKET BUTTON HEAD BOLT STAINLESS STEEL	6
9	219647	M6 FORM G STAINLESS STEEL WASHER	2
10	206953	DETENT PINS	4
11	219642	M6 STAINLESS STEEL NYLON INSERT NUT	6
12	219909	M10 X 25MM LONG HEXAGONAL STAINLESS STEEL SCREW	2
13	237322	RIGHT HAND FLOOR TOOL CLIP MOULDING	1
14	237323	LEFT HAND FLOOR TOOL CLIP MOULDING	1
15	208796	4 INCH WHEEL	2
16	229175	CONICAL SPRING	2
17	208497	50MM DIAMETER GREY TPR TYRED SWIVEL CASTORS C/W M10 X 45 SWAGED STEM.	2
18	219891	13MM WAVEY WASHER	2
19	304523	ADJUSTABLE FLOOR TOOL CASTOR PLATE RHS WELD ASSY	1
20	304522	ADJUSTABLE FLOOR TOOL CASTOR PLATE LHS WELD ASSY	1
21	291124	M10 PENNY WASHER STAINLESS STEEL	4

Numatic International Spare Parts

Model No: 650 TWINTEC ALUMINIUM FLOOR TOOL (38MM HOSE, RED TRIM, SERILOR BLADES)

Internal Code: 903347
PRO DRAWING: DRW-22621 ISS:A09
27/03/2018

NB: FOR WIRING SEE DRAWING: N/A



Numatic International Spare Parts

Model No: 650 TWINTEC ALUMINIUM FLOOR TOOL (38MM HOSE, RED TRIM, SERILOR BLADES)

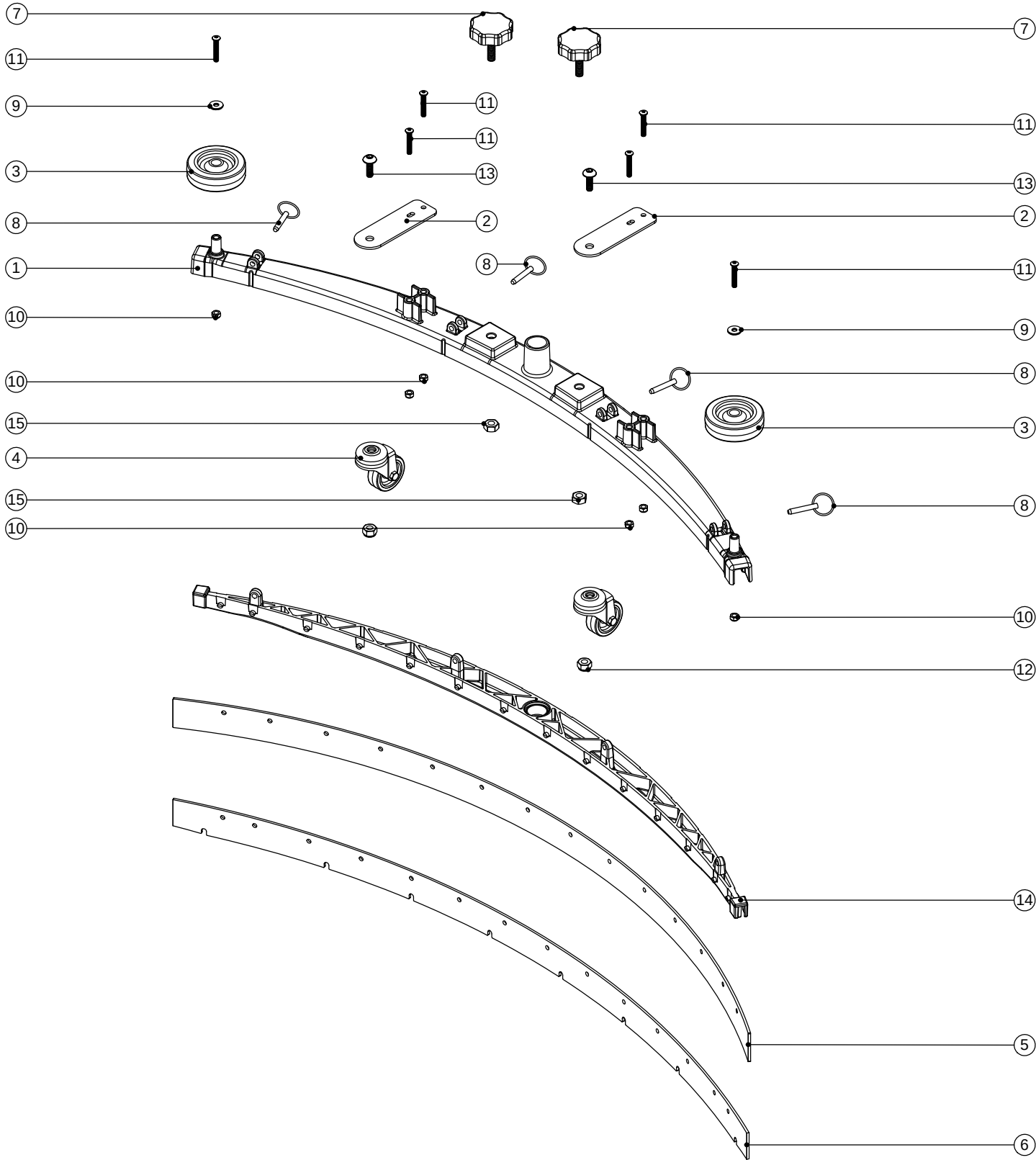
ITEM:	PART No:	Description	Qty
1	208198	(650MM SCRUB WIDTH) ALUMINIUM SQUEEGEE CASTING (38MM HOSE FITTING)	1
2	903345	(650MM SCRUB WIDTH) RED BLADE HOLDER MOULDING (SLOPING PROFILE) (32MM & 38MM HOSE FITTING)	1
	900518	650 REPLACEMENT SERILOR GREEN POLYURETHANE BLADES SET	
4	208970	(650MM SCRUB WIDTH) REPLACEMENT (4.0MM / 35-45-35 SHORE A) REAR LAMINATED SERILOR POLY/BLADE (847MM LONG)	1
5	208967	(650MM SCRUB WIDTH) REPLACEMENT (3.2MM / 40 SHORE A) FRONT MONOLAYER SERILOR POLY/BLADE (819MM LONG)	1
6	903281	M10 LOBE KNOB (RED)	4
7	219899	M10 SINGLE COIL STAINLESS STEEL WASHER	2
8	219933	M6 X 35MM SOCKET BUTTON HEAD BOLT STAINLESS STEEL	6
9	219647	M6 FORM G STAINLESS STEEL WASHER	6
10	206953	DETENT PINS	4
11	219642	M6 STAINLESS STEEL NYLON INSERT NUT	6
12	219909	M10 X 25MM LONG HEXAGONAL STAINLESS STEEL SCREW	2
13	237322	RIGHT HAND FLOOR TOOL CLIP MOULDING	1
14	237323	LEFT HAND FLOOR TOOL CLIP MOULDING	1
15	208796	4 INCH WHEEL	2
16	229175	CONICAL SPRING	2
17	907759	50MM DIAMETER GREY TPR TYRED SWIVEL CASTOR C/W M10 X 60 SWAGED STEM.	2
18	219891	13MM WAVEY WASHER	2
19	906860	ADJUSTABLE FLOOR TOOL CASTOR PLASTIC PLATE LEFT	1
20	906859	ADJUSTABLE FLOOR TOOL CASTOR PLASTIC PLATE RIGHT	1
21	291124	M10 PENNY WASHER STAINLESS STEEL	2
22	219951	A4 (STAINLESS STEEL) M10 HEX LOCK NUT (HALF NUT)	2

Numatic International Spare Parts

Model No: Vario Squeegee Assembly (850mm Wide)

234565
DRAWING: EXP-0994 ISS:A01
04/09/2008

NB: FOR WIRING SEE DRAWING: N/A



Numatic International Spare Parts

Model No: Vario Squeegee Assembly (850mm Wide)

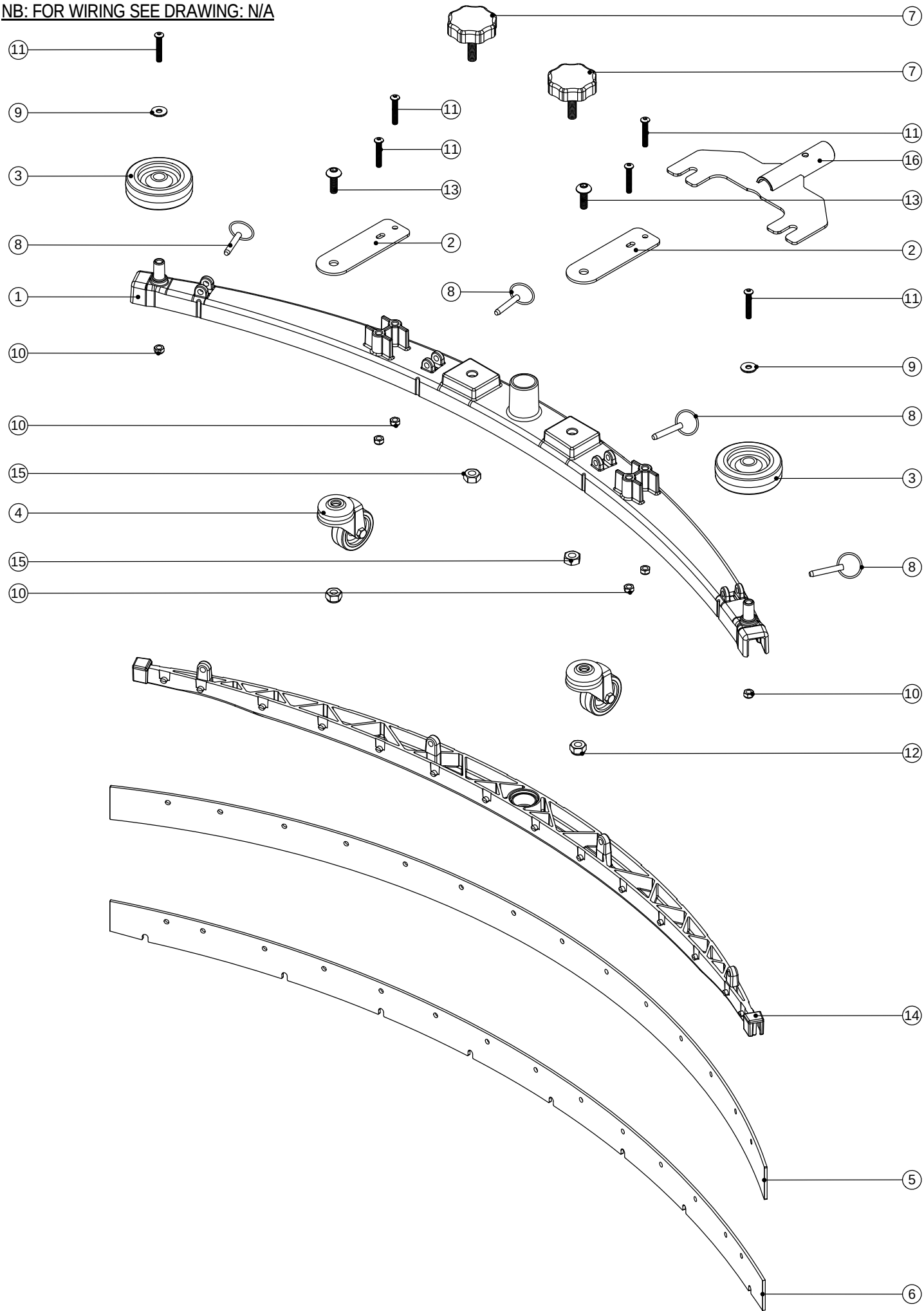
POS:	ITEM NO:	DESCRIPTION:	COMMENTS:
1	206922	SQUEEGEE CASTING	
2	329825	CASTOR PLATE	
3	204068	3 INCH GREY WHEEL	
4	204018	50MM CASTOR/GREY RUBBER TYRE	
5	206950	POLY/BLADES (650) REAR	
6	206949	POLY/BLADES (850) FRONT	
7	206951	QUICK RELEASE KNOB	
8	206953	DETENT PINS	
9	219647	M6 FORM G STAINLESS STEEL WASHER	
10	219853	M6 NYLOC HALF NUT (STAINLESS STEEL)	
11	219933	M6 X 35MM SOCKET BUTTON HEAD BOLT STAINLESS STEEL	
12	219897	M10 STAINLESS STEEL NYLON INSERT NUT	
13	219910	M10 X 25MM LONG SOCKET BUTTON HEAD STAINLESS STEEL SCREW	
14	229859	BLADE HOLDER MOULDING (850)	
15	219963	M10.FULL NUT.STAINLESS STEEL	

Numatic International Spare Parts

Model No: Vario Squeegee Assembly (850mm Wide)

234565
DRAWING: EXP-0994 ISS:A02
06/01/2009

NB: FOR WIRING SEE DRAWING: N/A



Numatic International Spare Parts

Model No: Vario Squeegee Assembly (850mm Wide)

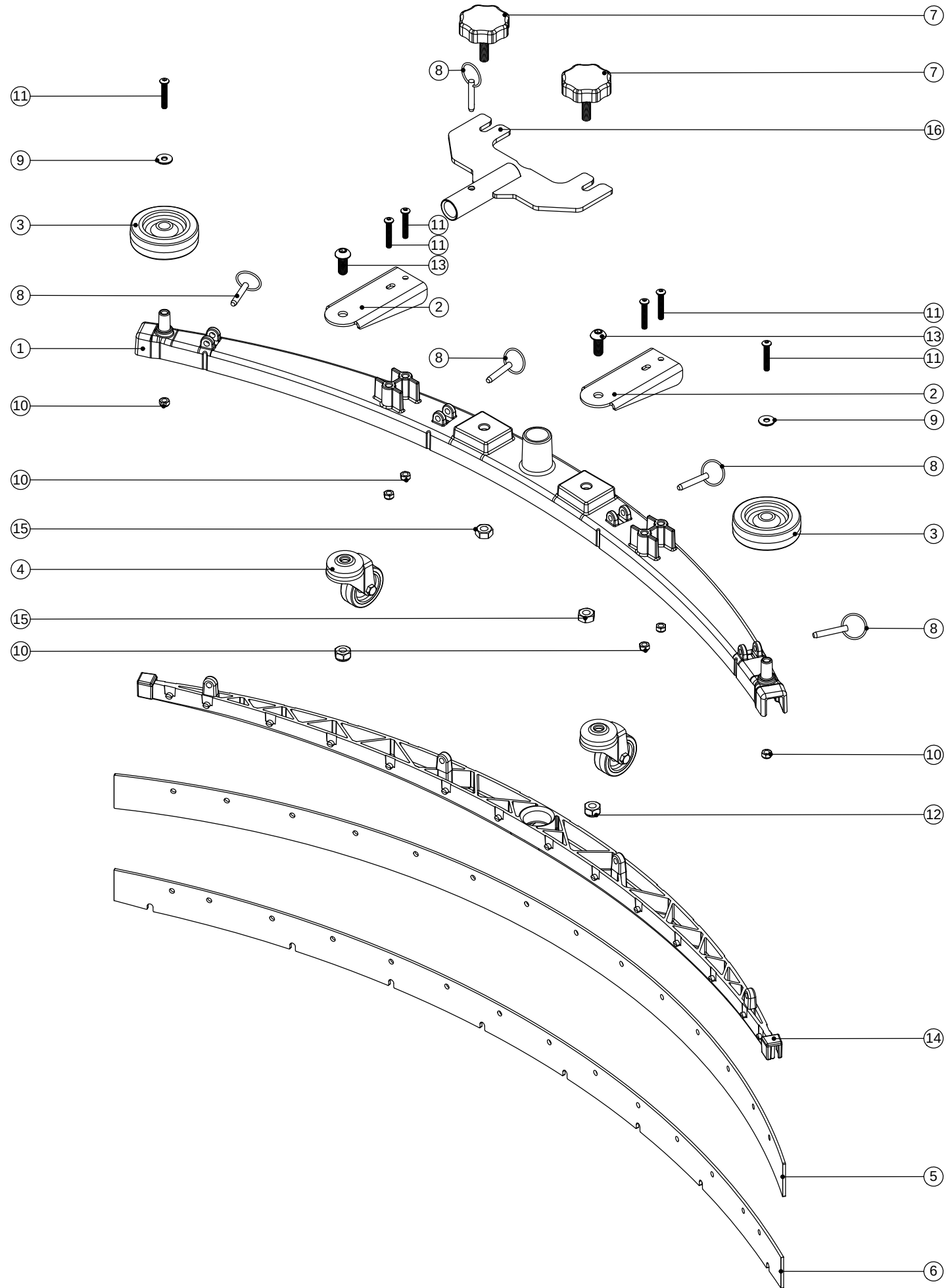
POS:	ITEM NO:	DESCRIPTION:	COMMENTS:
1	206922	SQUEEGEE CASTING	
2	329825	CASTOR PLATE	
3	204068	3 INCH GREY WHEEL	
4	204018	50MM CASTOR/GREY RUBBER TYRE	
5	206950	POLY/BLADES (650) REAR	
6	206949	POLY/BLADES (850) FRONT	
7	206951	QUICK RELEASE KNOB	
8	206953	DETENT PINS	
9	219647	M6 FORM G STAINLESS STEEL WASHER	
10	219853	M6 NYLOC HALF NUT (STAINLESS STEEL)	
11	219933	M6 X 35MM SOCKET BUTTON HEAD BOLT STAINLESS STEEL	
12	219897	M10 STAINLESS STEEL NYLON INSERT NUT	
13	219910	M10 X 25MM LONG SOCKET BUTTON HEAD STAINLESS STEEL SCREW	
14	229859	BLADE HOLDER MOULDING (850)	
15	219963	M10.FULL NUT.STAINLESS STEEL	
16	303795	QUICK RELEASE TUBE/PLATE WELDED ASSEMBLY	

Numatic International Spare Parts

Model No: TTV678 Squeegee Assembly (850mm Scrub Width/38mm Hose)

234565
DRAWING: EXP-0994 ISS:A08
21/10/2010

NB: FOR WIRING SEE DRAWING: N/A



Numatic International Spare Parts

Model No: TTV678 Squeegee Assembly (850mm Scrub Width/38mm Hose)

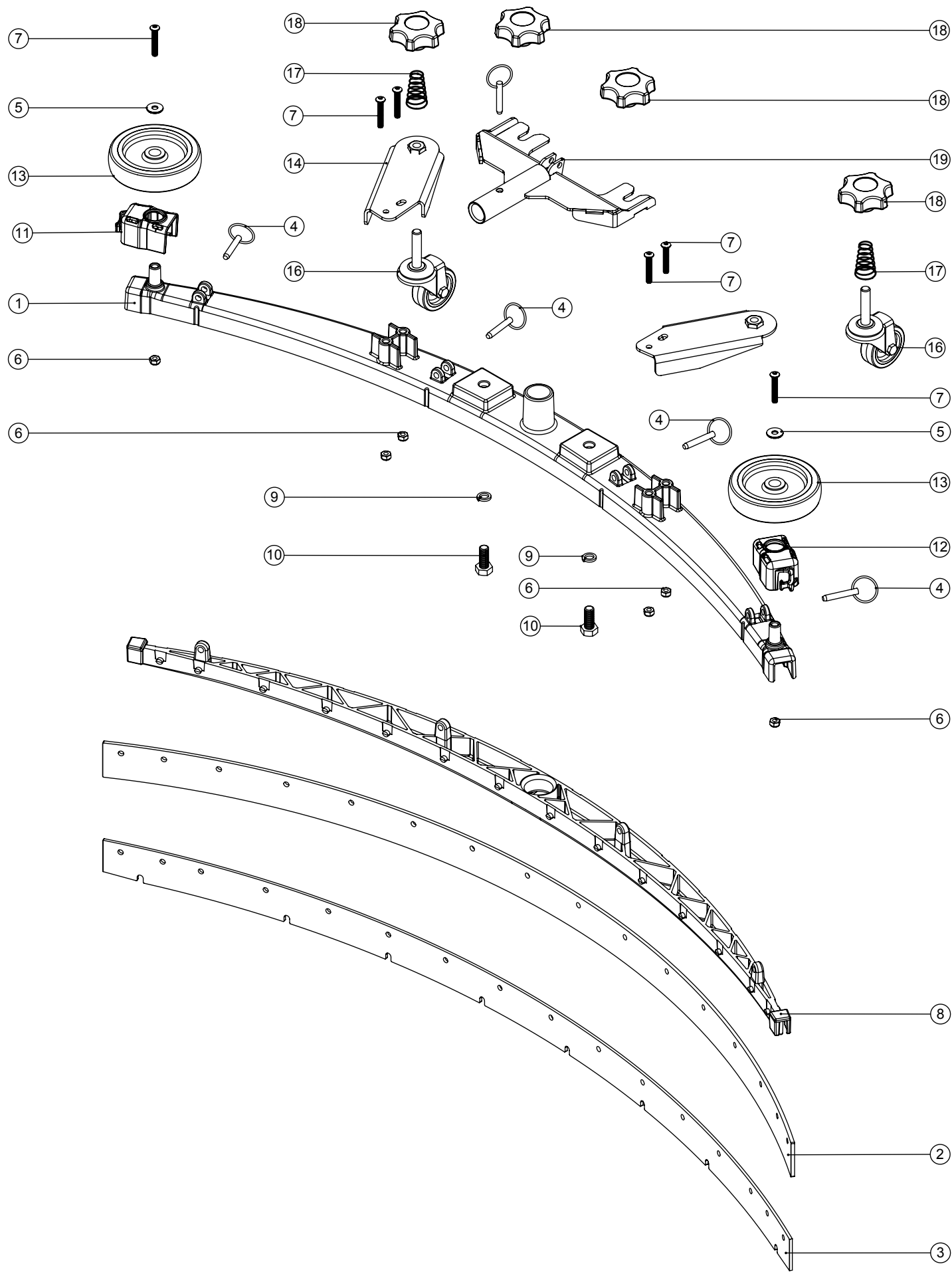
POS:	ITEM NO:	DESCRIPTION:	COMMENTS:
1	208197	(850MM SCRUB WIDTH) ALUMINIUM SQUEEGEE CASTING (38MM HOSE FITTING)	
2	329825	CASTOR PLATE	
3	204068	3 INCH GREY WHEEL	
4	204018	50MM CASTOR/GREY RUBBER TYRE	
5	206950	(850MM SCRUB WIDTH) REPLACEMENT (3.2MM / 43 SHORE A) REAR POLY/BLADE (1117MM LONG)	STANDARD BLADE OPTION
	208195	(850MM SCRUB WIDTH) REPLACEMENT (4.0MM / 50 SHORE A) REAR POLY/BLADE (1117MM LONG)	PREMIUM BLADE OPTION
	208196	(850MM SCRUB WIDTH) REPLACEMENT (4.0MM / 40 SHORE A) REAR RED LINATEX PREMIUM NATURAL RUBBER /BLADE (1117MM LONG)	PREMIUM BLADE OPTION
6	206949	(850MM SCRUB WIDTH) REPLACEMENT (3.2MM / 43 SHORE A) FRONT POLY/BLADE (1085MM LONG)	STANDARD BLADE OPTION
	208193	(850MM SCRUB WIDTH) REPLACEMENT (3.2MM / 50 SHORE A) FRONT POLY/BLADE (1085MM LONG)	PREMIUM BLADE OPTION
	208194	(850MM SCRUB WIDTH) REPLACEMENT (3.2MM / 40 SHORE A) FRONT RED LINATEX PREMIUM NATURAL RUBBER /BLADE (1085MM LONG)	PREMIUM BLADE OPTION
7	206951	QUICK RELEASE KNOB	
8	206953	DETENT PINS	
9	219647	M6 FORM G STAINLESS STEEL WASHER	
10	219853	M6 NYLOC HALF NUT (STAINLESS STEEL)	
11	219933	M6 X 35MM SOCKET BUTTON HEAD BOLT STAINLESS STEEL	
12	219897	M10 STAINLESS STEEL NYLON INSERT NUT	
13	219910	M10 X 25MM LONG SOCKET BUTTON HEAD STAINLESS STEEL SCREW	
14	229988	(850MM SCRUB WIDTH) BLADE HOLDER MOULDING (SLOPING PROFILE) (32MM & 38MM HOSE FITTING)	
15	219963	M10 STAINLESS STEEL FULL NUT	
16	303795	QUICK RELEASE TUBE/PLATE WELDED ASSEMBLY	

Numatic International Spare Parts

Model No: 850mm Aluminium Floor Tool

NB: FOR WIRING SEE DRAWING: N/A

234781
DRAWING: DRW-6860 ISS: A01
03/11/2010



Numatic International Spare Parts

Model No: 850mm Aluminium Floor Tool

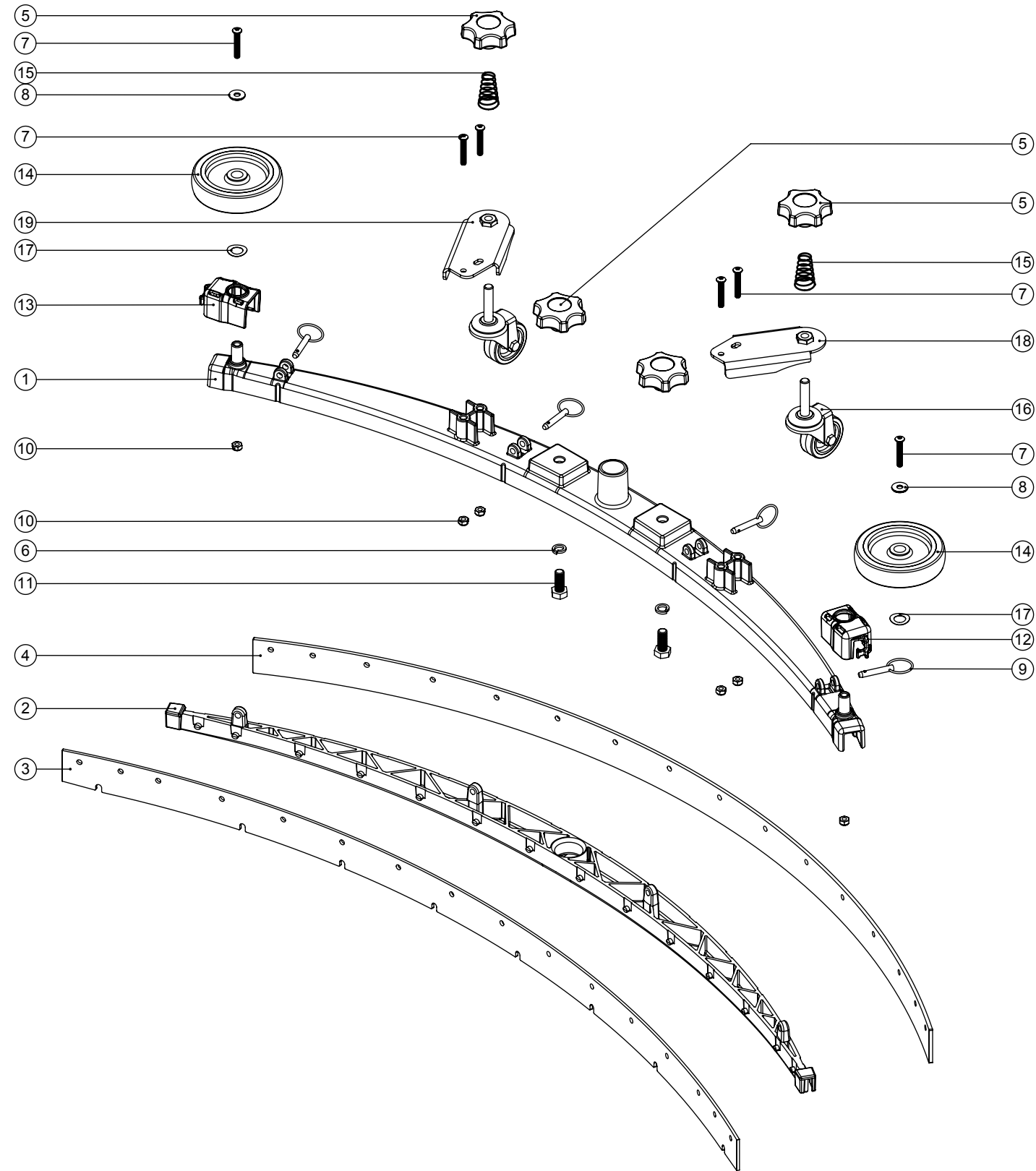
ITEM:	PART No:	DESCRIPTION	COMMENTS:
1	208197	(850MM SCRUB WIDTH) ALUMINIUM SQUEEGEE CASTING (38MM HOSE FITTING)	
2	206950	(850MM SCRUB WIDTH) REPLACEMENT (3.2MM / 43 SHORE A) REAR POLY/BLADE (1117MM LONG)	STANDARD BLADE OPTION
	208195	(850MM SCRUB WIDTH) REPLACEMENT (4.0MM / 50 SHORE A) REAR POLY/BLADE (1117MM LONG)	PREMIUM BLADE OPTION
	208196	(850MM SCRUB WIDTH) REPLACEMENT (4.0MM / 40 SHORE A) REAR RED LINATEX PREMIUM NATURAL RUBBER /BLADE (1117MM LONG)	PREMIUM BLADE OPTION
3	206949	(850MM SCRUB WIDTH) REPLACEMENT (3.2MM / 43 SHORE A) FRONT POLY/BLADE (1085MM LONG)	STANDARD BLADE OPTION
	208193	(850MM SCRUB WIDTH) REPLACEMENT (3.2MM / 50 SHORE A) FRONT POLY/BLADE (1085MM LONG)	PREMIUM BLADE OPTION
	208194	(850MM SCRUB WIDTH) REPLACEMENT (3.2MM / 40 SHORE A) FRONT RED LINATEX PREMIUM NATURAL RUBBER /BLADE (1085MM LONG)	PREMIUM BLADE OPTION
4	206953	DETENT PINS	
5	219647	M6 FORM G STAINLESS STEEL WASHER	
6	219642	M6 STAINLESS STEEL NYLON INSERT NUT	
7	219933	M6 X 35MM SOCKET BUTTON HEAD BOLT STAINLESS STEEL	
8	229988	(850MM SCRUB WIDTH) BLADE HOLDER MOULDING (SLOPING PROFILE) (32MM & 38MM HOSE FITTING)	
9	219899	M10 SINGLE COIL STAINLESS STEEL WASHER	
10	219909	M10 X 25MM LONG HEXAGONAL STAINLESS STEEL SCREW	
11	237323	LEFT HAND FLOOR TOOL CLIP MOULDING	
12	237322	RIGHT HAND FLOOR TOOL CLIP MOULDING	
13	208796	4 INCH WHEEL	
14	304441	ADJUSTABLE WIDE ANGLE FLOOR TOOL CASTOR PLATE LHS WELD ASSEMBLY	
15	304440	ADJUSTABLE WIDE ANGLE FLOOR TOOL CASTOR PLATE RHS WELD ASSEMBLY	
16	208497	50MM C50MM DIAMETER GREY TPR TYRED SWIVEL CASTORS C/W M10 X 45 SWAGED STEMASTOR/GREY RUBBER TYRE	
17	229175	CONICAL SPRING	
18	208354	M10 LOBE KNOB	
19	304466	FLOOR TOOL BRACKET ASSEMBLY (TT/TTB4045/4055)	
	303795	FLOOR TOOL BRACKET ASSEMBLY (TRO 650 /TTV 678)	TTV678 & TRO650 ONLY

Numatic International Spare Parts

Model No: 850 TWINTEC ALUMINIUM FLOOR TOOL (38MM HOSE)

599442 599443 900481
DRAWING: DRW-18079 ISS:A01
07/10/2014

NB: FOR WIRING SEE DRAWING: N/A



Numatic International Spare Parts

Model No: 850 TWINTEC ALUMINIUM FLOOR TOOL (38MM HOSE)

ITEM:	PART No:	DESCRIPTION	QTY.
1	208197	(850MM SCRUB WIDTH) ALUMINIUM SQUEEGEE CASTING (38MM HOSE FITTING)	1
2	229988	(850MM SCRUB WIDTH) BLADE HOLDER MOULDING (SLOPING PROFILE) (32MM & 38MM HOSE FITTING)	1
3	SEE TABLE	(850MM SCRUB WIDTH) REPLACEMENT (3.2MM / 40 SHORE A) FRONT MONOLAYER SERILOR POLY/BLADE (1085MM LONG)	1
4	SEE TABLE	850MM SCRUB WIDTH REPLACEMENT REAR BLADE (1117MM LONG)	1
5	208354	M10 LOBE KNOB	4
6	219899	M10 SINGLE COIL STAINLESS STEEL WASHER	2
7	219933	M6 X 35MM SOCKET BUTTON HEAD BOLT STAINLESS STEEL	6
8	219647	M6 FORM G STAINLESS STEEL WASHER	2
9	206953	DETENT PINS	4
10	219642	M6 STAINLESS STEEL NYLON INSERT NUT	6
11	219909	M10 X 25MM LONG HEXAGONAL STAINLESS STEEL SCREW	2
12	237322	RIGHT HAND FLOOR TOOL CLIP MOULDING	1
13	237323	LEFT HAND FLOOR TOOL CLIP MOULDING	1
14	208796	4 INCH WHEEL	2
15	229175	CONICAL SPRING	2
16	208497	50MM C50MM DIAMETER GREY TPR TYRED SWIVEL CASTORS C/W M10 X 45 SWAGED STEMASTOR/GREY RUBBER TYRE	2
17	219891	13MM WAVEY WASHER	2
18	304523	ADJUSTABLE FLOOR TOOL CASTOR PLATE RHS WELD ASSY	1
19	304522	ADJUSTABLE FLOOR TOOL CASTOR PLATE LHS WELD ASSY	1

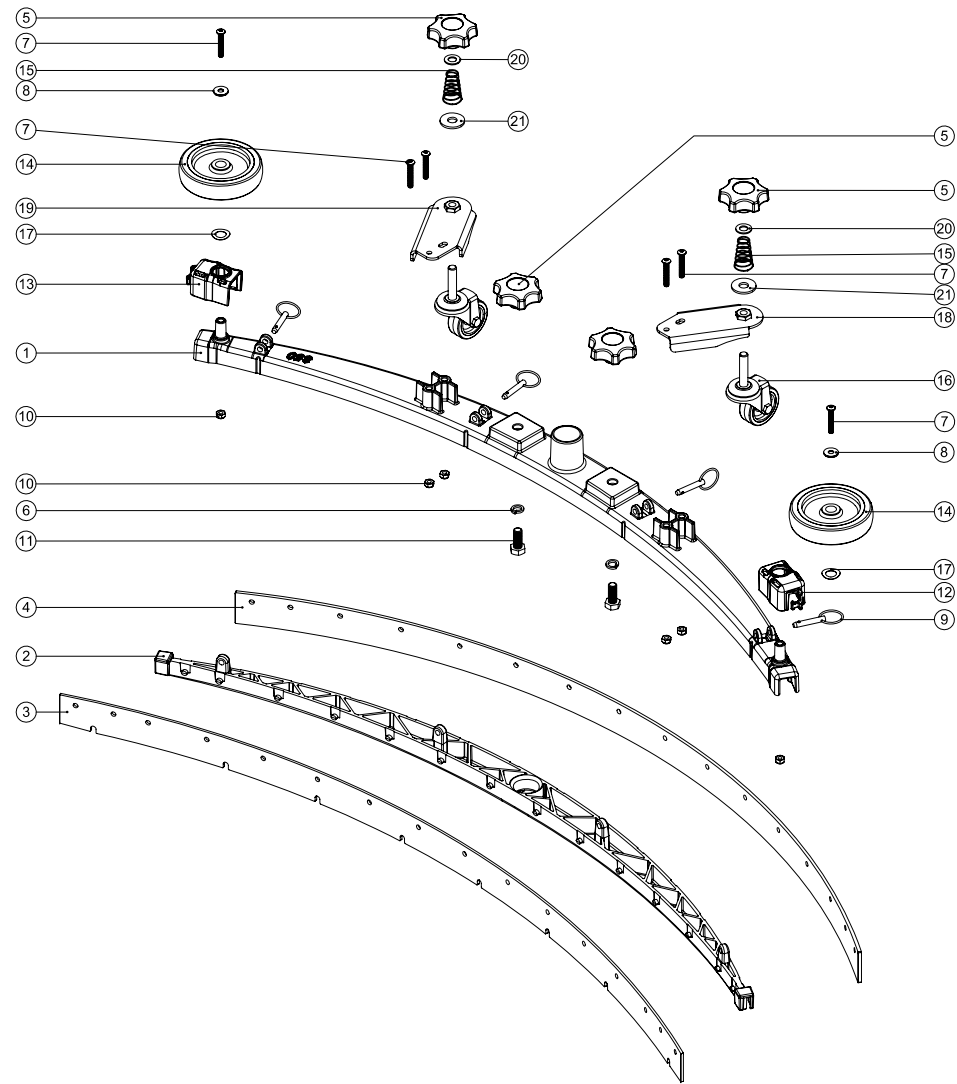
BLADE	FRONT	REAR
POLYURETHANE 43 SHORE A	206949	206950
POLYURETHANE 50 SHORE A	208193	208195
LINATEX NATURAL RUBBER 40 SHORE A	208194	208196
SERILOR®CLEAN POLYURETHANE FRONT: 40 SHORE A / REAR: 35-45-35 SHORE A	208969	208972

Numatic International Spare Parts

Model No: 850 TWINTEC ALUMINIUM FLOOR TOOL (38MM HOSE)

NB: FOR WIRING SEE DRAWING: N/A

Internal Code: 599443 900481 900481 900481
PRO DRAWING: DRW-18079 ISS:A02
23/10/2015



Numatic International Spare Parts

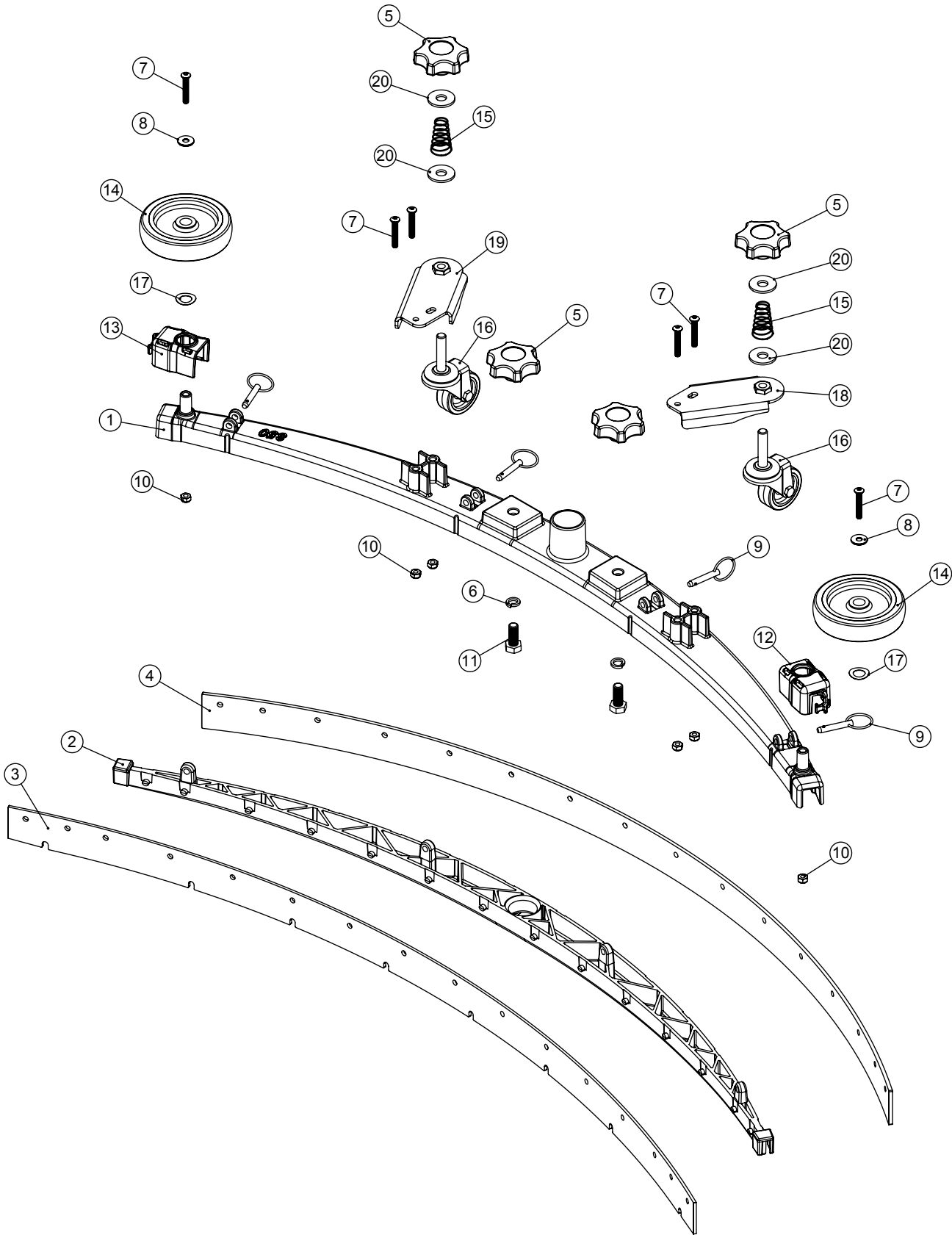
Model No: 850 TWINTEC ALUMINIUM FLOOR TOOL (38MM HOSE)

ITEM:	PART No:	DESCRIPTION	QTY.
1	208197	(850MM SCRUB WIDTH) ALUMINIUM SQUEEGEE CASTING (38MM HOSE FITTING)	1
2	229988	(850MM SCRUB WIDTH) BLADE HOLDER MouldING (SLOPING PROFILE) (32MM & 38MM HOSE FITTING)	1
3 & 4	900520	850MM REPLACEMENT SERILOR GREEN POLYURETHANE BLADES SET	1
3	208969	850MM SCRUB WIDTH REPLACEMENT FRONT SERILOR POLY/BLADE (1085MM LONG)	1
4	208972	850MM SCRUB WIDTH REPLACEMENT REAR BLADE (1117MM LONG)	1
5	903281	M10 LOBE KNOB(RED)	4
6	219899	M10 SINGLE COIL STAINLESS STEEL WASHER	2
7	219933	M6 X 35MM SOCKET BUTTON HEAD BOLT STAINLESS STEEL	6
8	219647	M6 FORM G STAINLESS STEEL WASHER	2
9	206953	DETENT PINS	4
10	219642	M6 STAINLESS STEEL NYLON INSERT NUT	6
11	219909	M10 X 25MM LONG HEXAGONAL STAINLESS STEEL SCREW	2
12	237322	RIGHT HAND FLOOR TOOL CLIP MouldING	1
13	237323	LEFT HAND FLOOR TOOL CLIP MouldING	1
14	208796	4 INCH WHEEL	2
15	229175	CONICAL SPRING	2
16	208497	50MM C50MM DIAMETER GREY TPR TYRED SWIVEL CASTORS C/W M10 X 45 SWAGED STEMASTOR/GREY RUBBER TYRE	2
17	219891	13MM WAVEY WASHER	2
18	304523	ADJUSTABLE FLOOR TOOL CASTOR PLATE RHS WELD ASSY	1
19	304522	ADJUSTABLE FLOOR TOOL CASTOR PLATE LHS WELD ASSY	1
20	219903	M10 FORM A STAINLESS STEEL WASHER	2
21	291124	M10 PENNY WASHER STAINLESS STEEL	2

Numatic International Spare Parts

Model No: 850 TWINTEC ALUMINIUM FLOOR TOOL (38MM HOSE)

NB: FOR WIRING SEE DRAWING: N/A



Numatic International Spare Parts

Model No: 850 TWINTEC ALUMINIUM FLOOR TOOL (38MM HOSE)

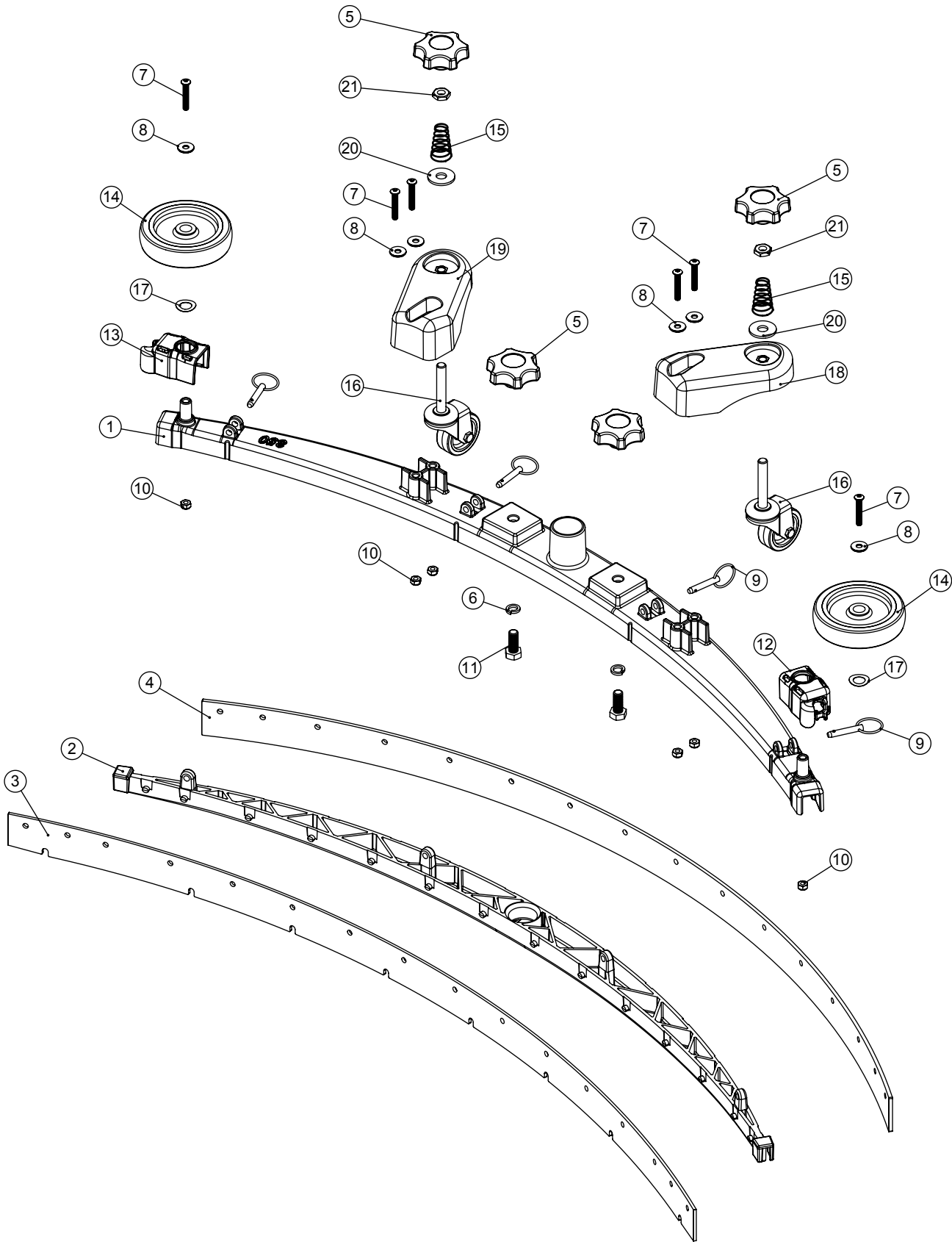
ITEM:	PART No:	DESCRIPTION	QTY.
1	208197	(850MM SCRUB WIDTH) ALUMINIUM SQUEEGEE CASTING (38MM HOSE FITTING)	1
2	229988	(850MM SCRUB WIDTH) BLADE HOLDER MOULDING (SLOPING PROFILE) (32MM & 38MM HOSE FITTING)	1
3	SEE TABLE	(850MM SCRUB WIDTH) REPLACEMENT (3.2MM / 40 SHORE A) FRONT MONOLAYER SERILOR POLY/BLADE (1085MM LONG)	1
4	SEE TABLE	850MM SCRUB WIDTH REPLACEMENT REAR BLADE (1117MM LONG)	1
5	903281	M10 LOBE KNOB (RED)	4
6	219899	M10 SINGLE COIL STAINLESS STEEL WASHER	2
7	219933	M6 X 35MM SOCKET BUTTON HEAD BOLT STAINLESS STEEL	6
8	219647	M6 FORM G STAINLESS STEEL WASHER	2
9	206953	DETENT PINS	4
10	219642	M6 STAINLESS STEEL NYLON INSERT NUT	6
11	219909	M10 X 25MM LONG HEXAGONAL STAINLESS STEEL SCREW	2
12	237322	RIGHT HAND FLOOR TOOL CLIP MOULDING	1
13	237323	LEFT HAND FLOOR TOOL CLIP MOULDING	1
14	208796	4 INCH WHEEL	2
15	229175	CONICAL SPRING	2
16	208497	50MM DIAMETER GREY TPR TYRED SWIVEL CASTORS C/W M10 X 45 SWAGED STEM.	2
17	219891	13MM WAVEY WASHER	2
18	304523	ADJUSTABLE FLOOR TOOL CASTOR PLATE RHS WELD ASSY	1
19	304522	ADJUSTABLE FLOOR TOOL CASTOR PLATE LHS WELD ASSY	1
20	291124	M10 PENNY WASHER STAINLESS STEEL	4

BLADE	FRONT	REAR
POLYURETHANE 43 SHORE A	206949	206950
POLYURETHANE 50 SHORE A	208193	208195
LINATEX NATURAL RUBBER 40 SHORE A	208194	208196
SERILOR®CLEAN POLYURETHANE FRONT: 40 SHORE A / REAR: 35-45-35 SHORE A	208969	208972

Numatic International Spare Parts

Model No: 850 TWINTEC ALUMINIUM FLOOR TOOL (38MM HOSE)

NB: FOR WIRING SEE DRAWING: N/A



Internal Code: 599443 900481 900481 900481
DRAWING: DRW-18079 ISS:A06
PRO 27/03/2018

Numatic International Spare Parts

Model No: 850 TWINTEC ALUMINIUM FLOOR TOOL (38MM HOSE)

ITEM:	PART No:	DESCRIPTION	QTY.
1	208197	(850MM SCRUB WIDTH) ALUMINIUM SQUEEGEE CASTING (38MM HOSE FITTING)	1
2	229988	(850MM SCRUB WIDTH) BLADE HOLDER MOULDING (SLOPING PROFILE) (32MM & 38MM HOSE FITTING)	1
3	SEE TABLE	(850MM SCRUB WIDTH) REPLACEMENT (3.2MM / 40 SHORE A) FRONT MONOLAYER SERILOR POLY/BLADE (1085MM LONG)	1
4	SEE TABLE	850MM SCRUB WIDTH REPLACEMENT REAR BLADE (1117MM LONG)	1
5	903281	M10 LOBE KNOB (RED)	4
6	219899	M10 SINGLE COIL STAINLESS STEEL WASHER	2
7	219933	M6 X 35MM SOCKET BUTTON HEAD BOLT STAINLESS STEEL	6
8	219647	M6 FORM G STAINLESS STEEL WASHER	6
9	206953	DETENT PINS	4
10	219642	M6 STAINLESS STEEL NYLON INSERT NUT	6
11	219909	M10 X 25MM LONG HEXAGONAL STAINLESS STEEL SCREW	2
12	237322	RIGHT HAND FLOOR TOOL CLIP MOULDING	1
13	237323	LEFT HAND FLOOR TOOL CLIP MOULDING	1
14	208796	4 INCH WHEEL	2
15	229175	CONICAL SPRING	2
16	907759	50MM DIAMETER GREY TPR TYRED SWIVEL CASTOR C/W M10 X 60 SWAGED STEM.	2
17	219891	13MM WAVEY WASHER	2
18	906860	ADJUSTABLE FLOOR TOOL CASTOR PLASTIC PLATE LEFT	1
19	906859	ADJUSTABLE FLOOR TOOL CASTOR PLASTIC PLATE RIGHT	1
20	291124	M10 PENNY WASHER STAINLESS STEEL	2
21	219951	A4 (STAINLESS STEEL) M10 HEX LOCK NUT (HALF NUT)	2

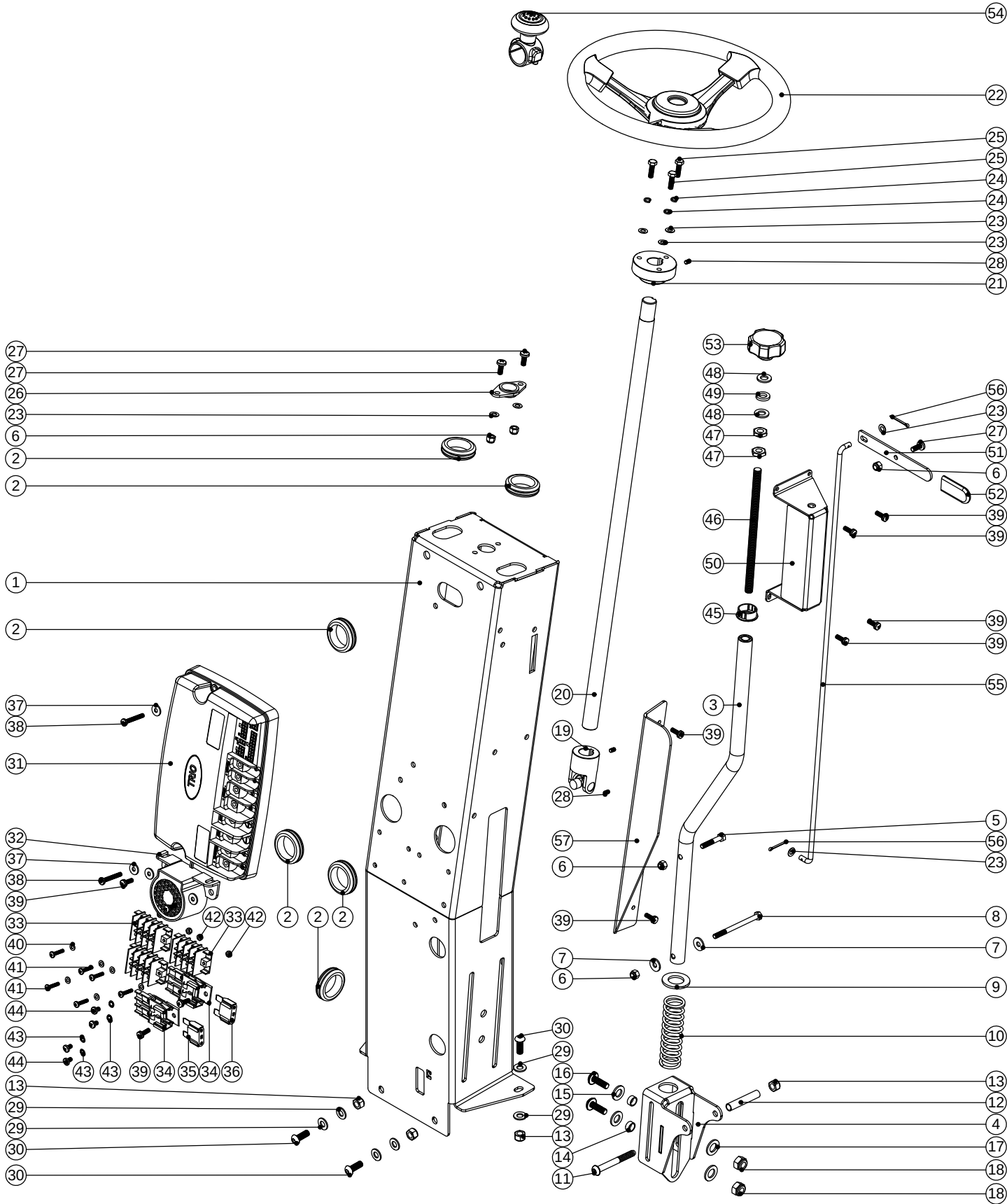
BLADE	FRONT	REAR
POLYURETHANE 43 SHORE A	206949	206950
POLYURETHANE 50 SHORE A	208193	208195
LINATEX NATURAL RUBBER 40 SHORE A	208194	208196
SERILOR®CLEAN POLYURETHANE FRONT: 40 SHORE A / REAR: 35-45-35 SHORE A	208969	208972

Numatic International Spare Parts

Model No: Vario Steering Column Assembly

NB: FOR WIRING SEE DRAWING: WD-0359

234608
DRAWING: EXP-1036 ISS:A01
20/10/2008



Numatic International Spare Parts

Model No: Vario Steering Column Assembly

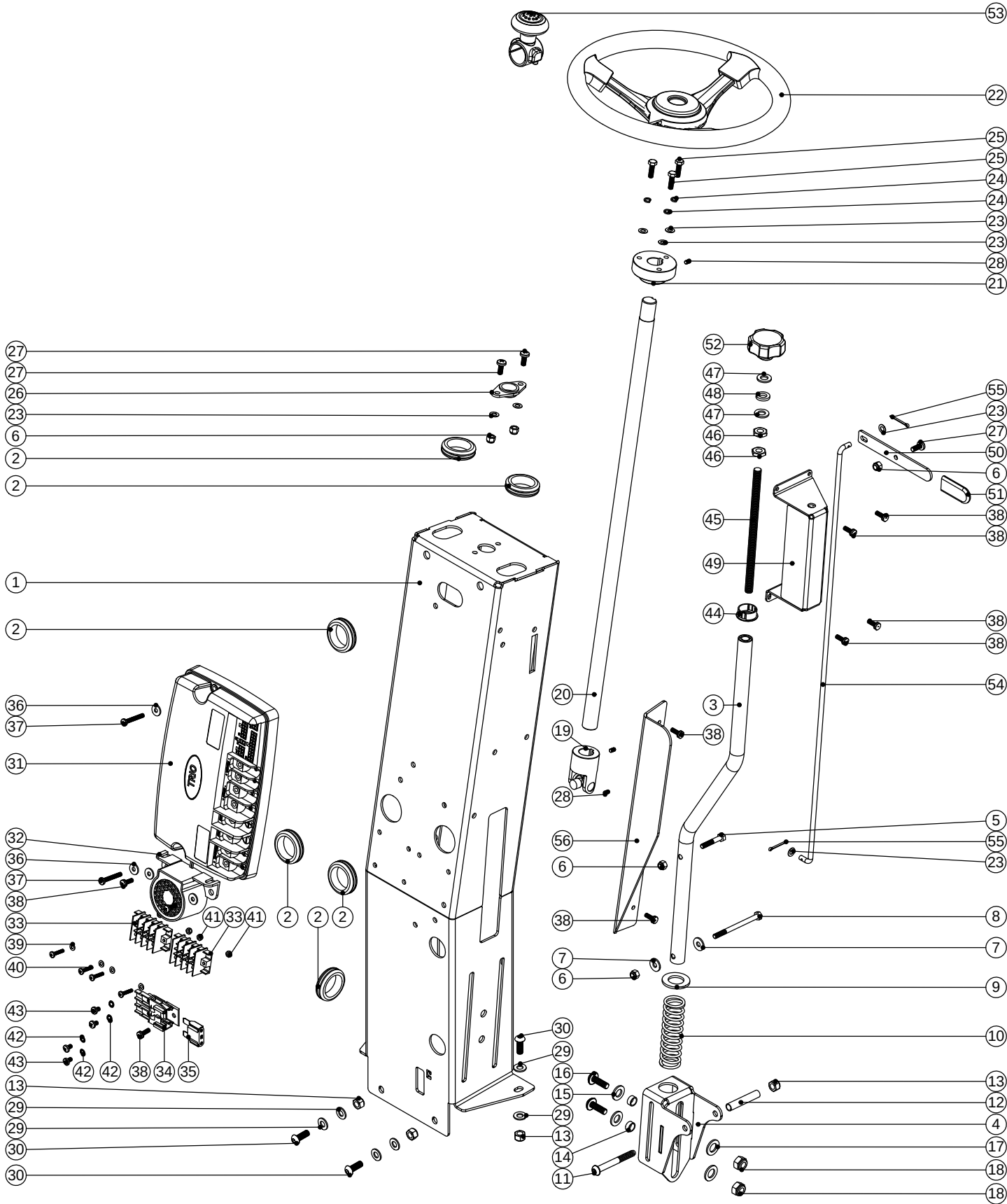
POS:	ITEM NO:	DESCRIPTION:	
1	404046	STEERING COLUMN WELDED ASSEMBLY (MANUAL VERSION) (PAINTED ANTHRACITE GREY)	
2	208029	GROMMET (32MM I/D)	
3	303817	BRUSH PRESSURE ADJUSTMENT TUBE WELD ASSEMBLY	
4	329864	BRUSH PRESSURE ADJUSTMENT SLIDE	
5	219064	M6 X 35MM LONG HEX BOLT	
6	219088	M6 NYLON INSERT NUT	
7	219008	M6 FORM G WASHER	
8	219915	M6 X 80MM LONG STAINLESS STEEL HEXAGONAL HEAD BOLT	
9	219949	M20 FORM 'A' WASHER	
10	208016	MANUAL BRUSH DECK ADJUSTMENT SPRING	
11	219806	M8 X 70MM LONG SOCKET BUTTON HEAD BOLT	
12	391199	54MM LONG X 10MM DIAMETER STAINLESS STEEL TUBE	
13	219078	M8 NYLON INSERT NUT	
14	303812	12.7MM DIAMETER X 18G X 5.5MM LONG STAINLESS STEEL TUBE	
15	219012	M10 FORM E WASHER	
16	219910	M10 X 25MM LONG SOCKET BUTTON HEAD STAINLESS STEEL SCREW	
17	219911	PLASTIC WASHER	
18	219649	M10 NYLON INSERT NUT	
19	206936	UNIVERSAL JOINT	
20	206940	STEERING SHAFT	
21	206960	WHEEL HUB (TO SUIT 300MM STEERING WHEEL)	
22	206961	300MM STEERING WHEEL C/W CENTRE CAP	
23	219007	M6 FORM B WASHER	
24	219549	M6 SINGLE COIL WASHER	
25	219455	M6 X 20MM LONG HEX HEAD SCREW	
26	208110	IGUS (R) 2 BOLT PLAIN BEARING 20MM I/D	
27	219618	M6 X 16MM LONG POZI PAN SCREW	
28	219784	M5 X 8MM LONG BLACKODISED GRUB SCREW	
29	219010	M8 FORM A WASHER	
30	219658	M8 X 22MM LONG SOCKET BOLT	
31	206948	PG CONTROLLER (Trio+HD 100)	
32	321407	HORN & LEAD ASSEMBLY	
33	221095	TERMINAL BLOCK (4 POLE X 6 WAY/TERMINALS)	
34	230102	FUSE HOLDER RATED AT 60 AMPS	
35	221091	20 AMP MAXI FUSE	
	230104	30 AMP MAXI FUSE	8 BATTERY MACHINE ONLY
	221047	40 AMP MAXI FUSE	6 BATTERY MACHINE ONLY
36	219005	M5 FORM G WASHER	
37	220033	M5 X 35MM LONG POZI PAN SCREW	
38	219045	M5 X 16MM LONG POZI PAN SEMS SCREW	
39	219206	M4 FORM A WASHER	
40	21990V	M4 X 20MM LONG POZI PAN SCREW	
41	219083	M4 NYLON INSERT NUT	
42	219016	M5 SHAKEPROOF WASHER	
43	219864	M5 X 8MM LONG POZI PAN SCREW	
44	208021	19MM (3/4 INCH) SNAP BUSHING	
45	219969	M10 X 1.5MM X 190MM LONG S/S THREADED BAR	
46	219951	A4 (STAINLESS STEEL) M10 HEX LOCK NUT (HALF NUT)	
47	219449	M10 FORM A WASHER	
48	219964	NYLON WASHER (18MM O/D X 10.4MM I/D X 3MM THICK)	
49	329863	BRUSH PRESSURE ADJUSTMENT BRACKET	
50	329850	RELEASE HANDLE	
51	391226	50MM LONG DIP MOULDED HANDLE COVER	
52	208023	LOBE KNOB M10 X 1.5MM X 50MM DIAMETER	
53	208104	STEERING WHEEL KNOB	
54	391195	PEDAL LATCH RELEASE ROD	
55	208030	COTTER PIN (2.4MM X 38.1MM)	
56	329888	STEERING COLUMN SPLASH GAURD	
57			

Numatic International Spare Parts

Model No: Vario Steering Column Assembly

NB: FOR WIRING SEE DRAWING: WD-0359

234608
DRAWING: EXP-1036 ISS:A02
05/01/2009



Numatic International Spare Parts

Model No: Vario Steering Column Assembly

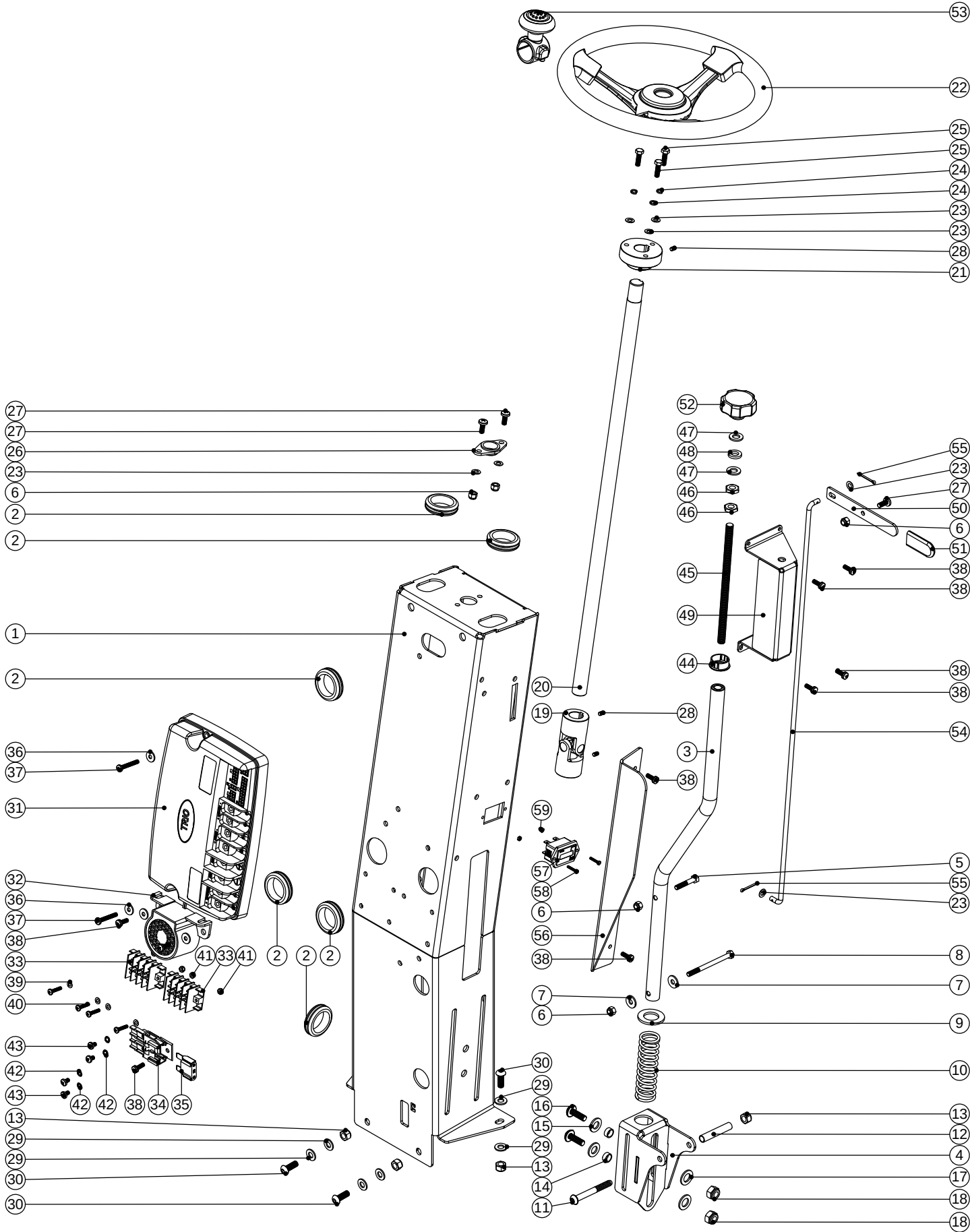
POS:	ITEM NO:	DESCRIPTION:	
1	404046	STEERING COLUMN WELDED ASSEMBLY (MANUAL VERSION) (PAINTED ANTHRACITE GREY)	
2	208029	GROMMET (32MM I/D)	
3	303817	BRUSH PRESSURE ADJUSTMENT TUBE WELD ASSEMBLY	
4	329864	BRUSH PRESSURE ADJUSTMENT SLIDE	
5	219064	M6 X 35MM LONG HEX BOLT	
6	219088	M6 NYLON INSERT NUT	
7	219008	M6 FORM G WASHER	
8	219915	M6 X 80MM LONG STAINLESS STEEL HEXAGONAL HEAD BOLT	
9	219949	M20 FORM 'A' WASHER	
10	208016	MANUAL BRUSH DECK ADJUSTMENT SPRING	
11	219806	M8 X 70MM LONG SOCKET BUTTON HEAD BOLT	
12	391199	54MM LONG X 10MM DIAMETER STAINLESS STEEL TUBE	
13	219078	M8 NYLON INSERT NUT	
14	303812	12.7MM DIAMETER X 18G X 5.5MM LONG STAINLESS STEEL TUBE	
15	219012	M10 FORM E WASHER	
16	219910	M10 X 25MM LONG SOCKET BUTTON HEAD STAINLESS STEEL SCREW	
17	219911	PLASTIC WASHER	
18	219649	M10 NYLON INSERT NUT	
19	206936	UNIVERSAL JOINT	
20	206940	STEERING SHAFT	
21	206960	WHEEL HUB (TO SUIT 300MM STEERING WHEEL)	
22	206961	300MM STEERING WHEEL C/W CENTRE CAP	
23	219007	M6 FORM B WASHER	
24	219549	M6 SINGLE COIL WASHER	
25	219455	M6 X 20MM LONG HEX HEAD SCREW	
26	208110	IGUS (R) 2 BOLT PLAIN BEARING 20MM I/D	
27	219618	M6 X 16MM LONG POZI PAN SCREW	
28	219784	M5 X 8MM LONG BLACKODISED GRUB SCREW	
29	219010	M8 FORM A WASHER	
30	219658	M8 X 22MM LONG SOCKET BOLT	
31	208169	PG CONTROLLER (Trio+HD 100) (MK2)	
32	321407	HORN & LEAD ASSEMBLY	
33	221095	TERMINAL BLOCK (4 POLE X 6 WAY/TERMINALS)	
34	230102	FUSE HOLDER RATED AT 60 AMPS	
35	221091	20 AMP MAXI FUSE	
36	219005	M5 FORM G WASHER	
37	220033	M5 X 35MM LONG POZI PAN SCREW	
38	219045	M5 X 16MM LONG POZI PAN SEMS SCREW	
39	219206	M4 FORM A WASHER	
40	21990V	M4 X 20MM LONG POZI PAN SCREW	
41	219083	M4 NYLON INSERT NUT	
42	219016	M5 SHAKEPROOF WASHER	
43	219864	M5 X 8MM LONG POZI PAN SCREW	
44	208021	19MM (3/4 INCH) SNAP BUSHING	
45	219969	M10 X 1.5MM X 190MM LONG S/S THREADED BAR	
46	219951	A4 (STAINLESS STEEL) M10 HEX LOCK NUT (HALF NUT)	
47	219449	M10 FORM A WASHER	
48	219964	NYLON WASHER (18MM O/D X 10.4MM I/D X 3MM THICK)	
49	329863	BRUSH PRESSURE ADJUSTMENT BRACKET	
50	329850	RELEASE HANDLE	
51	391226	50MM LONG DIP MOULDED HANDLE COVER	
52	208023	LOBE KNOB M10 X 1.5MM X 50MM DIAMETER	
53	208104	STEERING WHEEL KNOB	
54	391195	PEDAL LATCH RELEASE ROD	
55	208030	COTTER PIN (2.4MM X 38.1MM)	
56	329888	STEERING COLUMN SPLASH GAURD	

Numatic International Spare Parts

Model No: Vario Steering Column Assembly

NB: FOR WIRING SEE DRAWING: WD-0359

234608
DRAWING: EXP-1036 ISS:A03
09/03/2009



Numatic International Spare Parts

Model No: Vario Steering Column Assembly

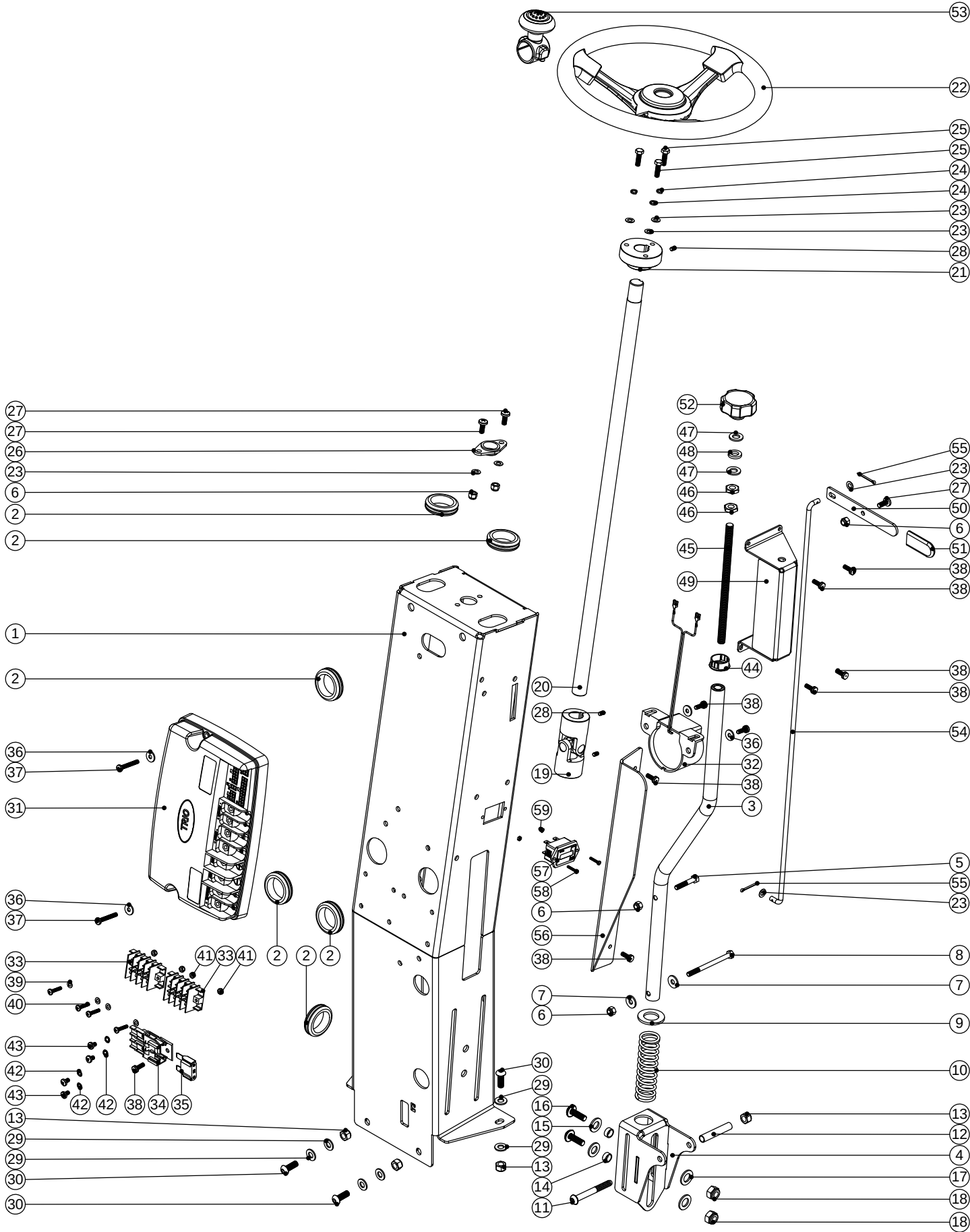
POS:	ITEM NO:	DESCRIPTION:	
1	404046	STEERING COLUMN WELDED ASSEMBLY (MANUAL VERSION) (PAINTED ANTHRACITE GREY)	HOURS METER MACHINES USE A05+
2	208029	GROMMET (32MM I/D)	
3	303817	BRUSH PRESSURE ADJUSTMENT TUBE WELD ASSEMBLY	
4	329864	BRUSH PRESSURE ADJUSTMENT SLIDE	
5	219064	M6 X 35MM LONG HEX BOLT	
6	219088	M6 NYLON INSERT NUT	
7	219008	M6 FORM G WASHER	
8	219915	M6 X 80MM LONG STAINLESS STEEL HEXAGONAL HEAD BOLT	
9	219949	M20 FORM 'A' WASHER	
10	208016	MANUAL BRUSH DECK ADJUSTMENT SPRING	
11	219806	M8 X 70MM LONG SOCKET BUTTON HEAD BOLT	
12	391199	54MM LONG X 10MM DIAMETER STAINLESS STEEL TUBE	
13	219078	M8 NYLON INSERT NUT	
14	303812	12.7MM DIAMETER X 18G X 5.5MM LONG STAINLESS STEEL TUBE	
15	219012	M10 FORM E WASHER	
16	219910	M10 X 25MM LONG SOCKET BUTTON HEAD STAINLESS STEEL SCREW	
17	219911	PLASTIC WASHER	
18	219649	M10 NYLON INSERT NUT	
19	206936	UNIVERSAL JOINT	
20	206940	STEERING SHAFT	
21	206960	WHEEL HUB (TO SUIT 300MM STEERING WHEEL)	
22	206961	300MM STEERING WHEEL C/W CENTRE CAP	
23	219007	M6 FORM B WASHER	
24	219549	M6 SINGLE COIL WASHER	
25	219455	M6 X 20MM LONG HEX HEAD SCREW	
26	208110	IGUS (R) 2 BOLT PLAIN BEARING 20MM I/D	
27	219618	M6 X 16MM LONG POZI PAN SCREW	
28	219784	M5 X 8MM LONG BLACKODISED GRUB SCREW	
29	219010	M8 FORM A WASHER	
30	219658	M8 X 22MM LONG SOCKET BOLT	
31	208169	PG CONTROLLER (Trio+HD 100) (MK2)	
32	321407	HORN & LEAD ASSEMBLY	
33	221095	TERMINAL BLOCK (4 POLE X 6 WAY/TERMINALS)	
34	230102	FUSE HOLDER RATED AT 60 AMPS	
35	221091	20 AMP MAXI FUSE	
36	219005	M5 FORM G WASHER	
37	220033	M5 X 35MM LONG POZI PAN SCREW	
38	219045	M5 X 16MM LONG POZI PAN SEMS SCREW	
39	219206	M4 FORM A WASHER	
40	21990V	M4 X 20MM LONG POZI PAN SCREW	
41	219083	M4 NYLON INSERT NUT	
42	219016	M5 SHAKEPROOF WASHER	
43	219864	M5 X 8MM LONG POZI PAN SCREW	
44	208021	19MM (3/4 INCH) SNAP BUSHING	
45	219969	M10 X 1.5MM X 190MM LONG S/S THREADED BAR	
46	219951	A4 (STAINLESS STEEL) M10 HEX LOCK NUT (HALF NUT)	
47	219449	M10 FORM A WASHER	
48	219964	NYLON WASHER (18MM O/D X 10.4MM I/D X 3MM THICK)	
49	329863	BRUSH PRESSURE ADJUSTMENT BRACKET	
50	329850	RELEASE HANDLE	
51	391226	50MM LONG DIP MOULDED HANDLE COVER	
52	208023	LOBE KNOB M10 X 1.5MM X 50MM DIAMETER	
53	208104	STEERING WHEEL KNOB	
54	391195	PEDAL LATCH RELEASE ROD	
55	208030	COTTER PIN (2.4MM X 38.1MM)	
56	329888	STEERING COLUMN SPLASH GAURD	
57	208178	HOURS METER	
58	219500	M3 X 16MM LONG STAINLESS STEEL SLOT SCREW	
59	219502	M3 STAINLESS STEEL FULL NUT	

Numatic International Spare Parts

Model No: Vario Steering Column Assembly

NB: FOR WIRING SEE DRAWING: WD-0359

234608
DRAWING: EXP-1036 ISS:A04
17/03/2009



Numatic International Spare Parts

Model No: Vario Steering Column Assembly

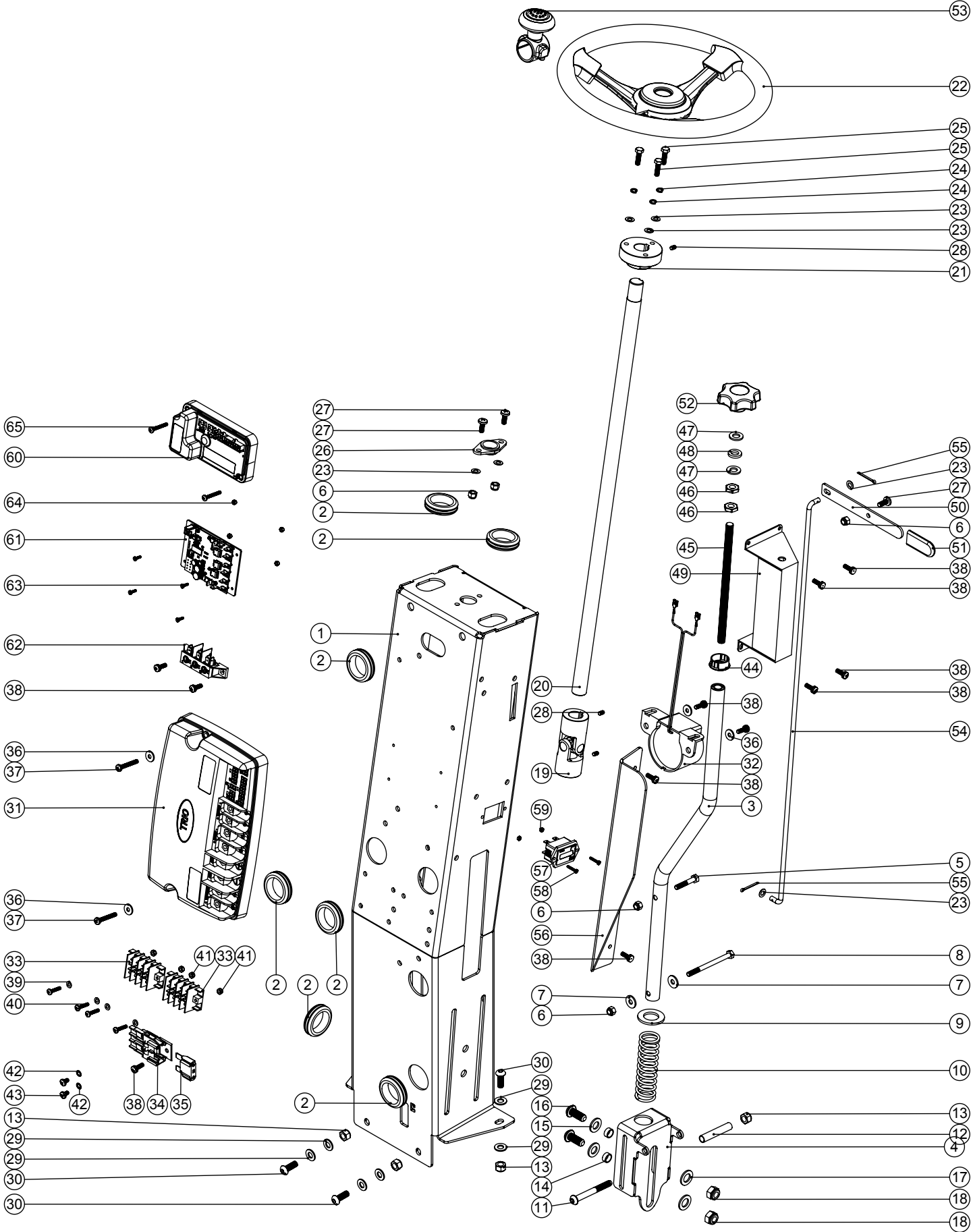
POS:	ITEM NO:	DESCRIPTION:	
1	404046	STEERING COLUMN WELDED ASSEMBLY (MANUAL VERSION) (PAINTED ANTHRACITE GREY)	HOURS METER MACHINES USE A05+
2	208029	GROMMET (32MM I/D)	
3	303817	BRUSH PRESSURE ADJUSTMENT TUBE WELD ASSEMBLY	
4	329864	BRUSH PRESSURE ADJUSTMENT SLIDE	
5	219064	M6 X 35MM LONG HEX BOLT	
6	219088	M6 NYLON INSERT NUT	
7	219008	M6 FORM G WASHER	
8	219915	M6 X 80MM LONG STAINLESS STEEL HEXAGONAL HEAD BOLT	
9	219949	M20 FORM 'A' WASHER	
10	208016	MANUAL BRUSH DECK ADJUSTMENT SPRING	
11	219806	M8 X 70MM LONG SOCKET BUTTON HEAD BOLT	
12	391199	54MM LONG X 10MM DIAMETER STAINLESS STEEL TUBE	
13	219078	M8 NYLON INSERT NUT	
14	303812	12.7MM DIAMETER X 18G X 5.5MM LONG STAINLESS STEEL TUBE	
15	219012	M10 FORM E WASHER	
16	219910	M10 X 25MM LONG SOCKET BUTTON HEAD STAINLESS STEEL SCREW	
17	219911	PLASTIC WASHER	
18	219649	M10 NYLON INSERT NUT	
19	206936	UNIVERSAL JOINT	
20	206940	STEERING SHAFT	
21	206960	WHEEL HUB (TO SUIT 300MM STEERING WHEEL)	
22	206961	300MM STEERING WHEEL C/W CENTRE CAP	
23	219007	M6 FORM B WASHER	
24	219549	M6 SINGLE COIL WASHER	
25	219455	M6 X 20MM LONG HEX HEAD SCREW	
26	208110	IGUS (R) 2 BOLT PLAIN BEARING 20MM I/D	
27	219618	M6 X 16MM LONG POZI PAN SCREW	
28	219784	M5 X 8MM LONG BLACKODISED GRUB SCREW	
29	219010	M8 FORM A WASHER	
30	219658	M8 X 22MM LONG SOCKET BOLT	
31	208169	PG CONTROLLER (Trio+HD 100) (MK2)	
32	321407	HORN & LEAD ASSEMBLY	
33	221095	TERMINAL BLOCK (4 POLE X 6 WAY/TERMINALS)	
34	230102	FUSE HOLDER RATED AT 60 AMPS	
35	221091	20 AMP MAXI FUSE	
36	219005	M5 FORM G WASHER	
37	220033	M5 X 35MM LONG POZI PAN SCREW	
38	219045	M5 X 16MM LONG POZI PAN SEMS SCREW	
39	219206	M4 FORM A WASHER	
40	21990V	M4 X 20MM LONG POZI PAN SCREW	
41	219083	M4 NYLON INSERT NUT	
42	219016	M5 SHAKEPROOF WASHER	
43	219864	M5 X 8MM LONG POZI PAN SCREW	
44	208021	19MM (3/4 INCH) SNAP BUSHING	
45	219969	M10 X 1.5MM X 190MM LONG S/S THREADED BAR	
46	219951	A4 (STAINLESS STEEL) M10 HEX LOCK NUT (HALF NUT)	
47	219449	M10 FORM A WASHER	
48	219964	NYLON WASHER (18MM O/D X 10.4MM I/D X 3MM THICK)	
49	329863	BRUSH PRESSURE ADJUSTMENT BRACKET	
50	329850	RELEASE HANDLE	
51	391226	50MM LONG DIP MOULDED HANDLE COVER	
52	208023	LOBE KNOB M10 X 1.5MM X 50MM DIAMETER	
53	208104	STEERING WHEEL KNOB	
54	391195	PEDAL LATCH RELEASE ROD	
55	208030	COTTER PIN (2.4MM X 38.1MM)	
56	329888	STEERING COLUMN SPLASH GAURD	
57	208178	HOURS METER	
58	219500	M3 X 16MM LONG STAINLESS STEEL SLOT SCREW	
59	219502	M3 STAINLESS STEEL FULL NUT	

Numatic International Spare Parts

Model No: TTV678 & TRO650 Steering Column Assembly

NB: FOR WIRING SEE DRAWING: WD-0359, DRW-15631, DRW-13416, DRW-14741

234608
DRAWING: EXP-1036 ISS:A05
28/03/2014



Numatic International Spare Parts

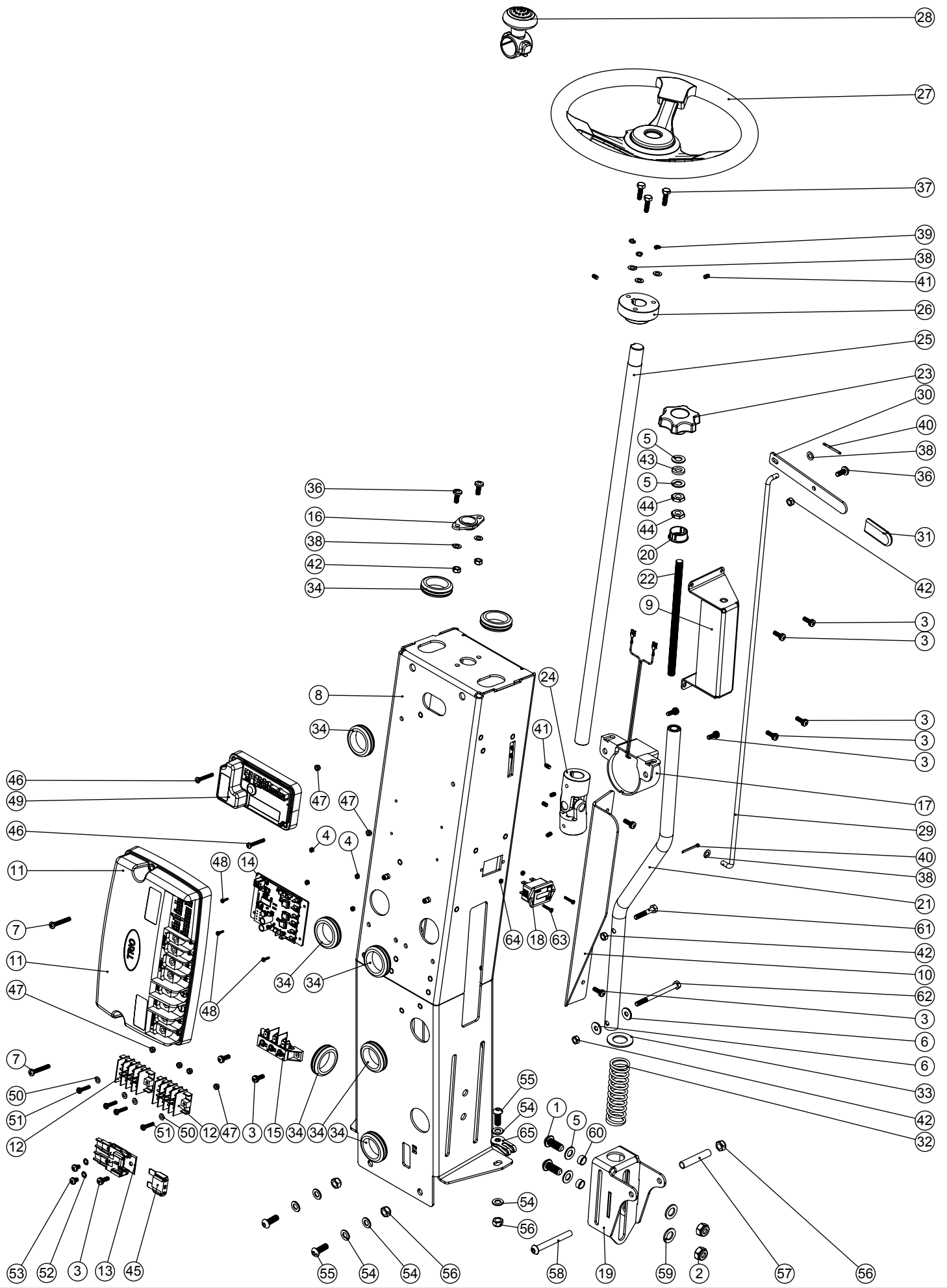
Model No: TTV678 & TRO650 Steering Column Assembly

ITEM:	PART No:	DESCRIPTION	COMMENTS:
1	404046	STEERING COLUMN WELDED ASSEMBLY (MANUAL VERSION) (PAINTED SILVER GREY)	
2	208029	GROMMET (32MM I/D)	
3	303817	BRUSH PRESSURE ADJUSTMENT TUBE WELD ASSEMBLY	
4	329864	BRUSH PRESSURE ADJUSTMENT SLIDE	
5	219064	M6 X 35MM LONG HEX BOLT	
6	219088	M6 NYLON INSERT NUT	
7	219008	M6 FORM G WASHER	
8	219915	M6 X 80MM LONG STAINLESS STEEL HEXAGONAL HEAD BOLT	
9	219949	M20 FORM 'A' WASHER	
10	208016	MANUAL BRUSH DECK ADJUSTMENT SPRING	
11	219806	M8 X 70MM LONG SOCKET BUTTON HEAD BOLT	
12	391199	54MM LONG X 10MM DIAMETER STAINLESS STEEL TUBE	
13	219078	M8 NYLON INSERT NUT	
14	303812	12.7MM DIAMETER X 18G X 5.5MM LONG STAINLESS STEEL TUBE	
15	219012	M10 FORM E WASHER	
16	219910	M10 X 25MM LONG SOCKET BUTTON HEAD STAINLESS STEEL SCREW	
17	219911	PLASTIC WASHER	
18	219649	M10 NYLON INSERT NUT	
19	206936	UNIVERSAL JOINT	
20	206940	STEERING SHAFT	
21	206960	WHEEL HUB (TO SUIT 300MM STEERING WHEEL)	
22	206961	300MM STEERING WHEEL C/W CENTRE CAP	
23	219007	M6 FORM B WASHER	
24	219549	M6 SINGLE COIL WASHER	
25	219455	M6 X 20MM LONG HEX HEAD SCREW	
26	208110	IGUS (R) 2 BOLT PLAIN BEARING 20MM I/D	
27	219618	M6 X 16MM LONG POZI PAN SCREW	
28	219784	M5 X 8MM LONG BLACKODISED GRUB SCREW	
29	219010	M8 FORM A WASHER	
30	219658	M8 X 22MM LONG SOCKET BOLT	
31	208169	PG CONTROLLER (Trio+HD 100) (MK2)	TTV678
32	321407	HORN & LEAD ASSEMBLY	
33	221095	TERMINAL BLOCK (4 POLE X 6 WAY/TERMINALS)	TRO650 - ONE BLOCK ONLY
34	230102	FUSE HOLDER RATED AT 60 AMPS	TTV678
35	221091	20 AMP MAXI FUSE	TTV678
36	219005	M5 FORM G WASHER	TTV678
37	220033	M5 X 35MM LONG POZI PAN SCREW	TTV678
38	219045	M5 X 16MM LONG POZI PAN SEMS SCREW	
39	219206	M4 FORM A WASHER	
40	21990V	M4 X 20MM LONG POZI PAN SCREW	
41	219083	M4 NYLON INSERT NUT	
42	219016	M5 SHAKEPROOF WASHER	
43	219864	M5 X 8MM LONG POZI PAN SCREW	
44	208021	19MM (3/4 INCH) SNAP BUSHING	
45	219969	M10 X 1.5MM X 190MM LONG S/S THREADED BAR	
46	219951	A4 (STAINLESS STEEL) M10 HEX LOCK NUT (HALF NUT)	
47	219449	M10 FORM A WASHER	
48	219964	NYLON WASHER (18MM O/D X 10.4MM I/D X 3MM THICK)	
49	329863	BRUSH PRESSURE ADJUSTMENT BRACKET	
50	329850	RELEASE HANDLE	
51	391226	BRUSH DECK RELEASE LEVER COVER	
52	208354	M10 LOBE KNOB	
53	208104	STEERING WHEEL KNOB	
54	391195	PEDAL LATCH RELEASE ROD	
55	208030	COTTER PIN (2.4MM X 38.1MM)	
56	329888	STEERING COLUMN SPLASH GAURD	
57	208178	HOURS METER	TTV678
	392355	TRO HOURS METER BLANKING PLATE	TRO650
58	219500	M3 X 16MM LONG STAINLESS STEEL SLOT SCREW	TTV678
	221151	M4 X 12MM LONG POZI PAN SCREW	TRO650
59	219502	M3 STAINLESS STEEL FULL NUT	TTV678
	219687	M4 STAINLESS STEEL NYLON INSERT NUT	TRO650
60	330179	PROGRAMMED 70A MOTOR CONTROLLER (TRO650)	TRO650
61	208566	TTV5565/200T DC DRIVE PCB WITH DETERGENT CONTROL REDUCED FLOW RATE - (WHISPER MODE)	TRO650
62	206788	TERMINAL BLOCK	TRO650
63	219236	M3 X 10MM LONG SLOT SCREW	TRO650
64	219070	M3 NYLON INSERT NUT	TRO650
65	219321	M4 X 30MM LONG POZI PAN SCREW	TRO650

Numatic International Spare Parts

Model No: TTV678 & TRO650 STEERING COLUMN ASSEMBLY
EXPLODED DRAWING

NB: FOR WIRING SEE DRAWING: WD-0359, DRW-15631, DRW-13416, DRW-14741



Internal Code: 905587
DRAWING: DRW-24947 ISS:A06
PRO 15/09/2017

Numatic International Spare Parts

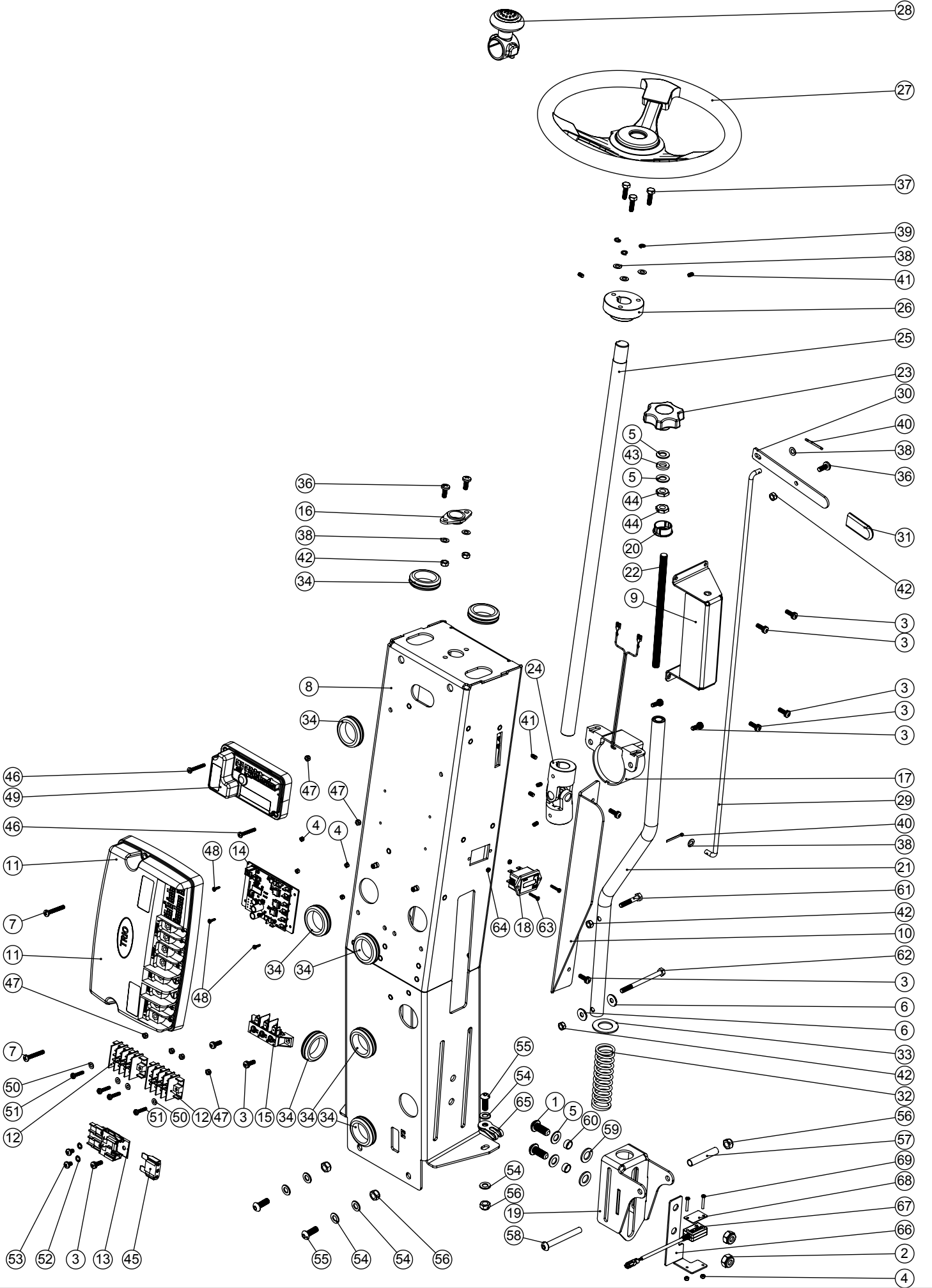
Model No: TTV678 & TRO650 STEERING COLUMN ASSEMBLY
EXPLODED DRAWING

POS.	ITEM NO.	DESCRIPTION	COMMENTS	QTY.
1	219910	M10 X 25MM LONG SOCKET BUTTON HEAD STAINLESS STEEL SCREW		2
2	219897	M10 STAINLESS STEEL NYLON INSERT NUT		2
3	291132	M5 X 16MM LONG STAINLESS STEEL POZI PAN SEMS SCREW		11
4	291154	M3 NYLON INSERT NUT STAINLESS STEEL		4
5	219903	M10 FORM A STAINLESS STEEL WASHER		4
6	219647	M6 FORM G STAINLESS STEEL WASHER		2
7	219661	M5 X 35MM LONG POZI PAN STAINLESS STEEL SCREW	TTV678	2
8	404046	STEERING COLUMN WELDED ASSEMBLY (MANUAL VERSION) (PAINTED SILVER GREY)		1
9	329863	RIDE-ON BRUSH PRESSURE ADJUSTMENT BRACKET		1
10	329888	STEERING COLUMN SPLASH GAURD		1
11	208169	PG CONTROLLER (Trio+HD 100) (MK2)	TTV678	1
12	221095	TERMINAL BLOCK (4 POLE X 6 WAY/TERMINALS)	TRO650 - ONE BLOCK ONLY	2
13	230102	FUSE HOLDER RATED AT 60 AMPS	TTV678	1
14	208566	DC DRIVE PCB	TRO650	1
15	206788	TERMINAL BLOCK	TRO650	1
16	208110	IGUS (R) 2 BOLT PLAIN BEARING 20MM I/D		1
17	321407	HORN & LEAD ASSEMBLY		1
18	208178	HOURS METER	TTV678	1
	392355	TRO HOURS METER BLANKING PLATE	TRO650	
19	303819,329864	RIDE-ON BRUSH PRESSURE ADJUSTMENT SLIDE		1
20	208021	19MM (3/4 INCH) SNAP BUSHING		1
21	303817	BRUSH PRESSURE ADJUSTMENT TUBE WELD ASSEMBLY		1
22	219969	M10 X 1.5MM X 190MM LONG S/S THREADED BAR		1
23	208354	M10 LOBE KNOB		1
24	206936	UNIVERSAL JOINT		1
25	206940	STEERING SHAFT		1
26	206960	WHEEL HUB (TO SUIT 300MM STEERING WHEEL)		1
27	206961	300MM STEERING WHEEL C/W CENTRE CAP		1
28	208104	STEERING WHEEL KNOB		1
29	391195	PEDAL LATCH RELEASE ROD		1
30	329850	RELEASE HANDLE		1
31	391226	BRUSH DECK RELEASE LEVER COVER		1
32	208016	MANUAL BRUSH DECK ADJUSTMENT SPRING		1
33	291162	M20 FORM B STAINLESS STEEL WASHER		1
34	208029	GROMMET (32MM I/D)		8
35	219558	M5 STAINLESS STEEL NUTSERT		27
36	219646	M6 X 16MM LONG POZI PAN STAINLESS STEEL SCREW		3
37	219976	M6 X 20MM LONG HEXANGONAL HEAD SET SCREW		3
38	219560	M6 FORM B STAINLESS STEEL WASHER		7
39	219549	M6 SINGLE COIL WASHER		3
40	208030	COTTER PIN (2.4MM X 38.1MM)		2
41	219784	M5 X 8MM LONG BLACKODISED GRUB SCREW		6
42	219983	M6 NYLOC STAINLESS STEEL FULL NUT		5
43	219964	NYLON WASHER (18MM O/D X 10.4MM I/D X 3MM THICK)		1
44	219951	A4 (STAINLESS STEEL) M10 HEX LOCK NUT (HALF NUT)		2
45	221091	20 AMP MAXI FUSE	TTV678	1
46	219913	M4 X 30MM LONG POZI PAN STAINLESS STEEL SCREW	TRO650	2
47	219687	M4 STAINLESS STEEL NYLON INSERT NUT		6
48	902534	M3 X 10MM LONG POZI PAN SCREW STAINLESS STEEL	TRO650	4
49	330179	PROGRAMMED 70A MOTOR CONTROLLER (TRO650)	TRO650	1
50	219688	M4 FORM A STAINLESS STEEL WASHER		4
51	219686	M4 X 20MM LONG STAINLESS STEEL POZI PAN MACHINE SCREW		4
52	291084	WASHER.M5.SHAKEPROOF.STAINLESS STEEL		2
53	902896	M5 X 8 A4 S/ST PZ PAN HD M/SCREW		2
54	219578	M8 FORM A STAINLESS STEEL WASHER		8
55	291064	M8 X 22MM LONG SOCKET BOLT STAINLESS STEEL		4
56	219639	M8 STAINLESS STEEL NYLON INSERT NUT		5
57	391199	54MM LONG X 10MM DIAMETER STAINLESS STEEL TUBE		1
58	291142	M8 X 70MM LG SOCKET BUTTON HEAD SCREW STAINLESS STEEL		1
59	219911	PLASTIC WASHER		2
60	303812	12.7MM DIAMETER X 18G X 5.5MM LONG STAINLESS STEEL TUBE		2
61	291127	M6 X 35 LONG HEX BOLT STAINLESS STEEL		1
62	219915	M6 X 80MM LONG STAINLESS STEEL HEXAGONAL HEAD BOLT		1
63	219500	M3 X 16MM LONG STAINLESS STEEL SLOT SCREW	TTV678	2
	219890	M4 X 12MM LONG POZI PAN STAINLESS STEEL SCREW	TRO650	2
64	219502	M3 STAINLESS STEEL FULL NUT	TTV678	2
	219687	M4 STAINLESS STEEL NYLON INSERT NUT	TRO650	2
65	904962	CABLE CLAMP M8x65 (PP)		1

Numatic International Spare Parts

Model No: TTV678 & TRO650 STEERING COLUMN ASSEMBLY
EXPLODED DRAWING

NB: FOR WIRING SEE DRAWING: WD-0359, DRW-15631, DRW-13416, DRW-14741



Internal Code: 905587
DRAWING: DRW-24947 ISS:A11
PRO 16/10/2017

Numatic International Spare Parts

Model No: TTV678 & TRO650 STEERING COLUMN ASSEMBLY
EXPLODED DRAWING

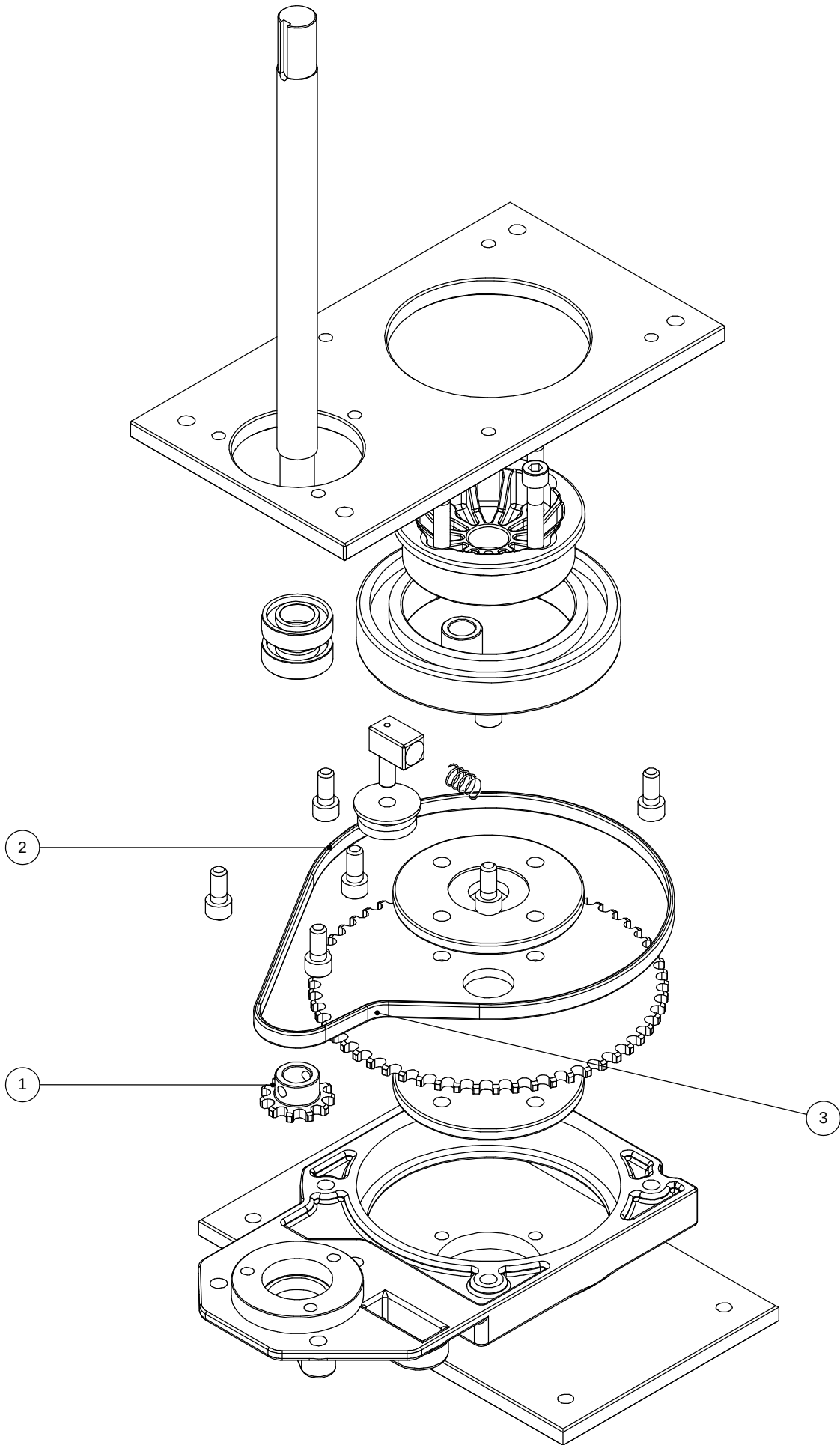
ITEM	PART NO.	DESCRIPTION	COMMENTS	QTY.
1	219910	M10 X 25MM LONG SOCKET BUTTON HEAD STAINLESS STEEL SCREW		2
2	219897	M10 STAINLESS STEEL NYLON INSERT NUT		2
3	291132	M5 X 16MM LONG STAINLESS STEEL POZI PAN SEMS SCREW		11
4	291154	M3 NYLON INSERT NUT STAINLESS STEEL		6
5	219903	M10 FORM A STAINLESS STEEL WASHER		4
6	219647	M6 FORM G STAINLESS STEEL WASHER		2
7	219661	M5 X 35MM LONG POZI PAN STAINLESS STEEL SCREW	TTV678	2
8	404046	STEERING COLUMN WELDED ASSEMBLY (MANUAL VERSION) (PAINTED SILVER GREY)		1
9	329863	RIDE-ON BRUSH PRESSURE ADJUSTMENT BRACKET		1
10	329888	STEERING COLUMN SPLASH GAURD		1
11	208169	PG CONTROLLER (Trio+HD 100) (MK2)	TTV678	1
12	221095	TERMINAL BLOCK (4 POLE X 6 WAY/TERMINALS)	TRO650 - ONE BLOCK ONLY	2
13	230102	FUSE HOLDER RATED AT 60 AMPS	TTV678	1
14	208566	DC DRIVE PCB	TRO650	1
15	206788	TERMINAL BLOCK	TRO650	1
16	208110	IGUS (R) 2 BOLT PLAIN BEARING 20MM I/D		1
17	321407	HORN & LEAD ASSEMBLY		1
18	208178	HOURS METER	TTV678	1
	392355	TRO HOURS METER BLANKING PLATE	TRO650	
19	303819	RIDE-ON BRUSH PRESSURE ADJUSTMENT SLIDE		1
20	208021	19MM (3/4 INCH) SNAP BUSHING		1
21	303817	BRUSH PRESSURE ADJUSTMENT TUBE WELD ASSEMBLY		1
22	219969	M10 X 1.5MM X 190MM LONG S/S THREADED BAR		1
23	903281	M10 LOBE KNOB (RED)	BLACK VERSION 208354	1
24	206936	UNIVERSAL JOINT		1
25	206940	STEERING SHAFT		1
26	206960	WHEEL HUB (TO SUIT 300MM STEERING WHEEL)		1
27	206961	300MM STEERING WHEEL C/W CENTRE CAP		1
28	208104	STEERING WHEEL KNOB		1
29	391195	PEDAL LATCH RELEASE ROD		1
30	329850	RELEASE HANDLE		1
31	904191	50MM LONG DIP MOULDED HANDLE COVER (RED)	BLACK VERSION 391226	1
32	208016	MANUAL BRUSH DECK ADJUSTMENT SPRING		1
33	291162	M20 FORM B STAINLESS STEEL WASHER		1
34	208029	GROMMET (32MM I/D)		8
35	219558	M5 STAINLESS STEEL NUTSERT		27
36	219646	M6 X 16MM LONG POZI PAN STAINLESS STEEL SCREW		3
37	219976	M6 X 20MM LONG HEXANGONAL HEAD SET SCREW		3
38	219560	M6 FORM B STAINLESS STEEL WASHER		7
39	219549	M6 SINGLE COIL WASHER		3
40	208030	COTTER PIN (2.4MM X 38.1MM)		2
41	219784	M5 X 8MM LONG BLACKODISED GRUB SCREW		6
42	219983	M6 NYLOC STAINLESS STEEL FULL NUT		5
43	219964	NYLON WASHER (18MM O/D X 10.4MM I/D X 3MM THICK)		1
44	219951	A4 (STAINLESS STEEL) M10 HEX LOCK NUT (HALF NUT)		2
45	221091	20 AMP MAXI FUSE	TTV678	1
46	219913	M4 X 30MM LONG POZI PAN STAINLESS STEEL SCREW	TRO650	2
47	219687	M4 STAINLESS STEEL NYLON INSERT NUT		6
48	902534	M3 X 10MM LONG POZI PAN SCREW STAINLESS STEEL	TRO650	4
49	330179	PROGRAMMED 70A MOTOR CONTROLLER (TRO650)	TRO650	1
50	219688	M4 FORM A STAINLESS STEEL WASHER		4
51	219686	M4 X 20MM LONG STAINLESS STEEL POZI PAN MACHINE SCREW		4
52	291084	WASHER.M5.SHAKEPROOF.STAINLESS STEEL		2
53	902896	M5 X 8 A4 S/ST PZ PAN HD M/SCREW		2
54	219578	M8 FORM A STAINLESS STEEL WASHER		8
55	291064	M8 X 22MM LONG SOCKET BOLT STAINLESS STEEL		4
56	219639	M8 STAINLESS STEEL NYLON INSERT NUT		5
57	391199	54MM LONG X 10MM DIAMETER STAINLESS STEEL TUBE		1
58	291142	M8 X 70MM LG SOCKET BUTTON HEAD SCREW STAINLESS STEEL		1
59	219911	PLASTIC WASHER		2
60	303812	12.7MM DIAMETER X 18G X 5.5MM LONG STAINLESS STEEL TUBE		2
61	291127	M6 X 35 LONG HEX BOLT STAINLESS STEEL		1
62	219915	M6 X 80MM LONG STAINLESS STEEL HEXAGONAL HEAD BOLT		1
63	219500	M3 X 16MM LONG STAINLESS STEEL SLOT SCREW	TTV678	2
	219890	M4 X 12MM LONG POZI PAN STAINLESS STEEL SCREW	TRO650	2
64	219502	M3 STAINLESS STEEL FULL NUT	TTV678	2
	219687	M4 STAINLESS STEEL NYLON INSERT NUT	TRO650	2
65	904962	CABLE CLAMP M8x65 (PP)		1
66	907245	REED SWITCH COLUMN BRACKET		1
67	904501	REED SWITCH ASSEMBLY		1
68	906617	REED SWITCH WASHER PLATE		1
69	291155	M3 X 20MM LONG POZI PAN SCREW STAINLESS STEEL		2

Numatic International Spare Parts

Model No: Vario Motor Wheel Gearbox Assembly

234605
DRAWING: EXP-1033 ISS:A01
03/09/2008

NB: FOR WIRING SEE DRAWING: WD-0359



Numatic International Spare Parts

Model No: Vario Motor Wheel Gearbox Assembly

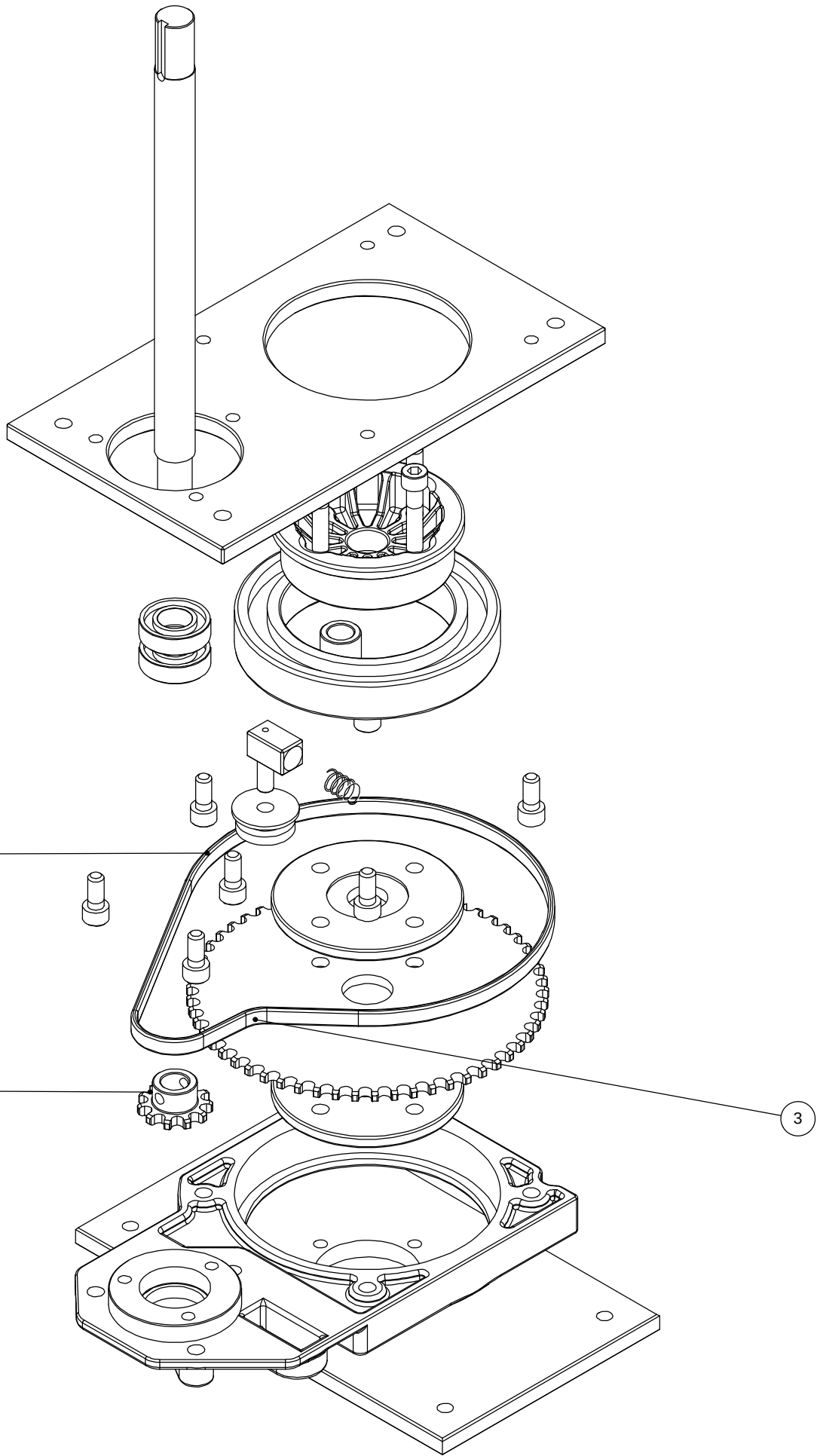
POS:	ITEM NO:	DESCRIPTION:	COMMENTS:
1	208151	PINION	
2	205152	STEERING CHAIN	
3	208153	STEERING CHAIN MASTER LINK	

Numatic International Spare Parts

Model No: Vario Motor Wheel Gearbox Assembly

234605
DRAWING: EXP-1033 ISS:A02
11/11/2008

NB: FOR WIRING SEE DRAWING: WD-0359



Numatic International Spare Parts

Model No: Vario Motor Wheel Gearbox Assembly

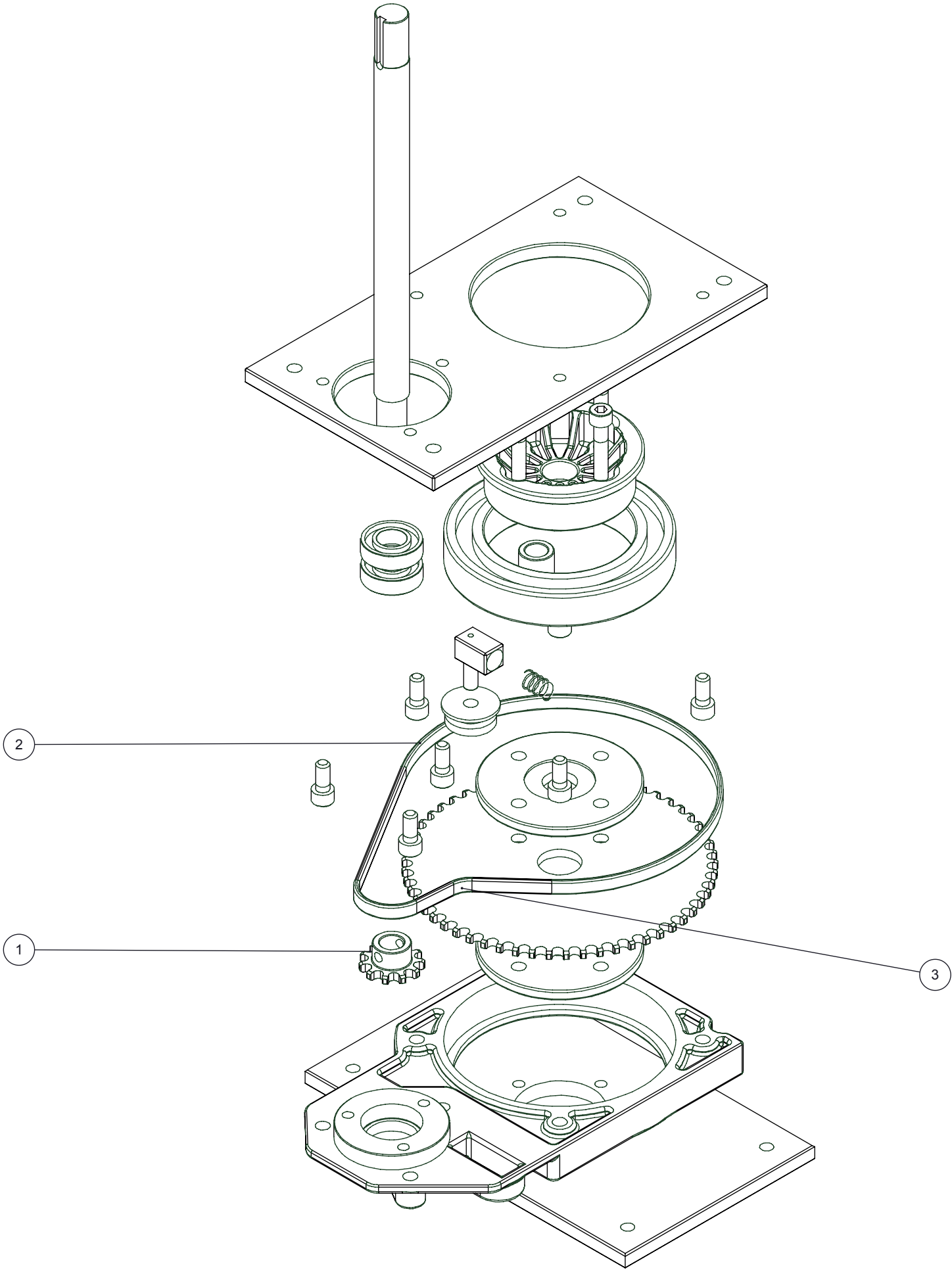
POS:	ITEM NO:	DESCRIPTION:	COMMENTS:
1	208151	PINION	
2	208152	STEERING CHAIN	
3	208153	STEERING CHAIN MASTER LINK	

Numatic International Spare Parts

Model No: TTV678 & TRO650 Motor Wheel Gearbox Assembly

NB: FOR WIRING SEE DRAWING: WD-0359, DRW-15631, DRW-13416, DRW-14741

234605
DRAWING: EXP-1033 ISS:A03
28/03/2014



Numatic International Spare Parts

Model No: TTV678 & TRO650 Motor Wheel Gearbox Assembly

POS:	ITEM NO:	DESCRIPTION:	COMMENTS:
1	208151	PINION	
2	208152	STEERING CHAIN	
3	208153	STEERING CHAIN MASTER LINK	

Numatic International Spare Parts

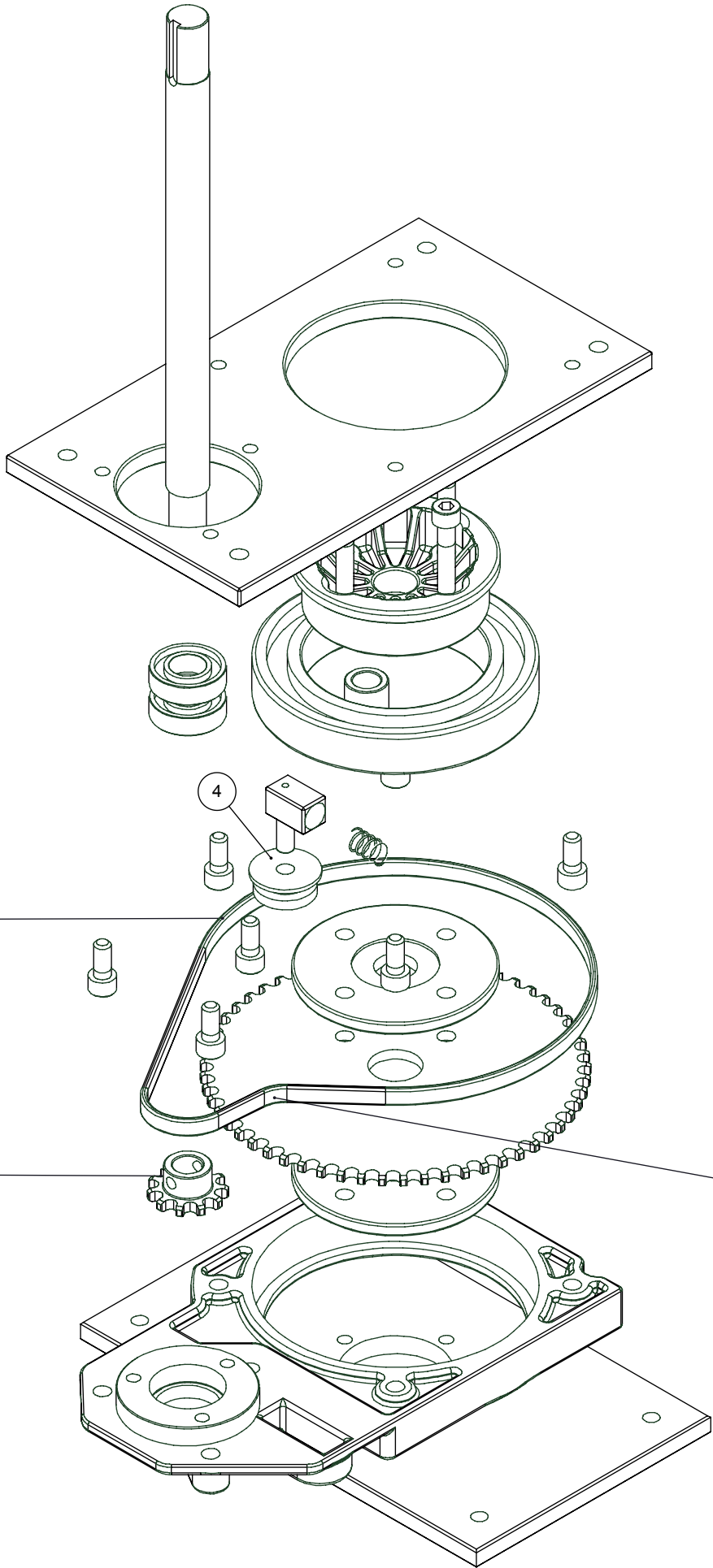
Model No: TTV678 & TRO650 MOTOR WHEEL GEARBOX ASSEMBLY

NB: FOR WIRING SEE DRAWING: WD-0359, DRW- 15631, DRW-13416, DRW-14741

Internal Code: 234605

PRO DRAWING: EXP-1033 ISS:A05

29/03/2014



Numatic International Spare Parts

Model No: TTV678 & TRO650 MOTOR WHEEL GEARBOX ASSEMBLY EXPLODED DRAWING (EXP-1033)

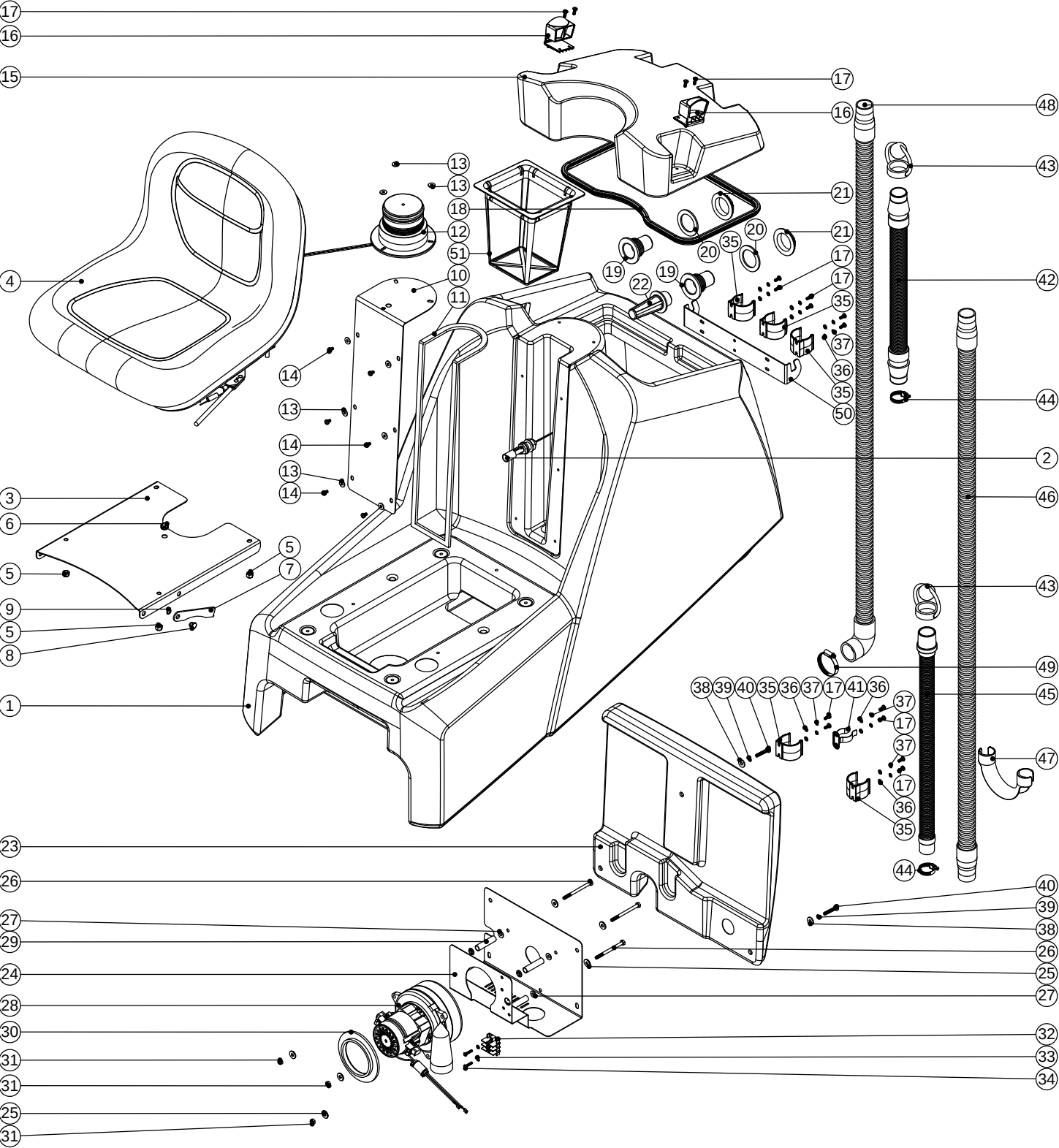
POS:	ITEM NO:	DESCRIPTION:	COMMENTS:
1	208151	PINION	
2	208152	STEERING CHAIN	
3	208153	STEERING CHAIN MASTER LINK	
4	901617	WHEEL TENSIONER	AVAILABLE SEPERATELY

Numatic International Spare Parts

Model No:Vario Top Tank/Light/Vac Pod & Hose Assembly

234612
DRAWING: EXP-1040 ISS:A01
20/10/2008

NB: FOR WIRING SEE DRAWING: WD-0359



Numatic International Spare Parts

Model No:Vario Top Tank/Light/Vac Pod & Hose Assembly

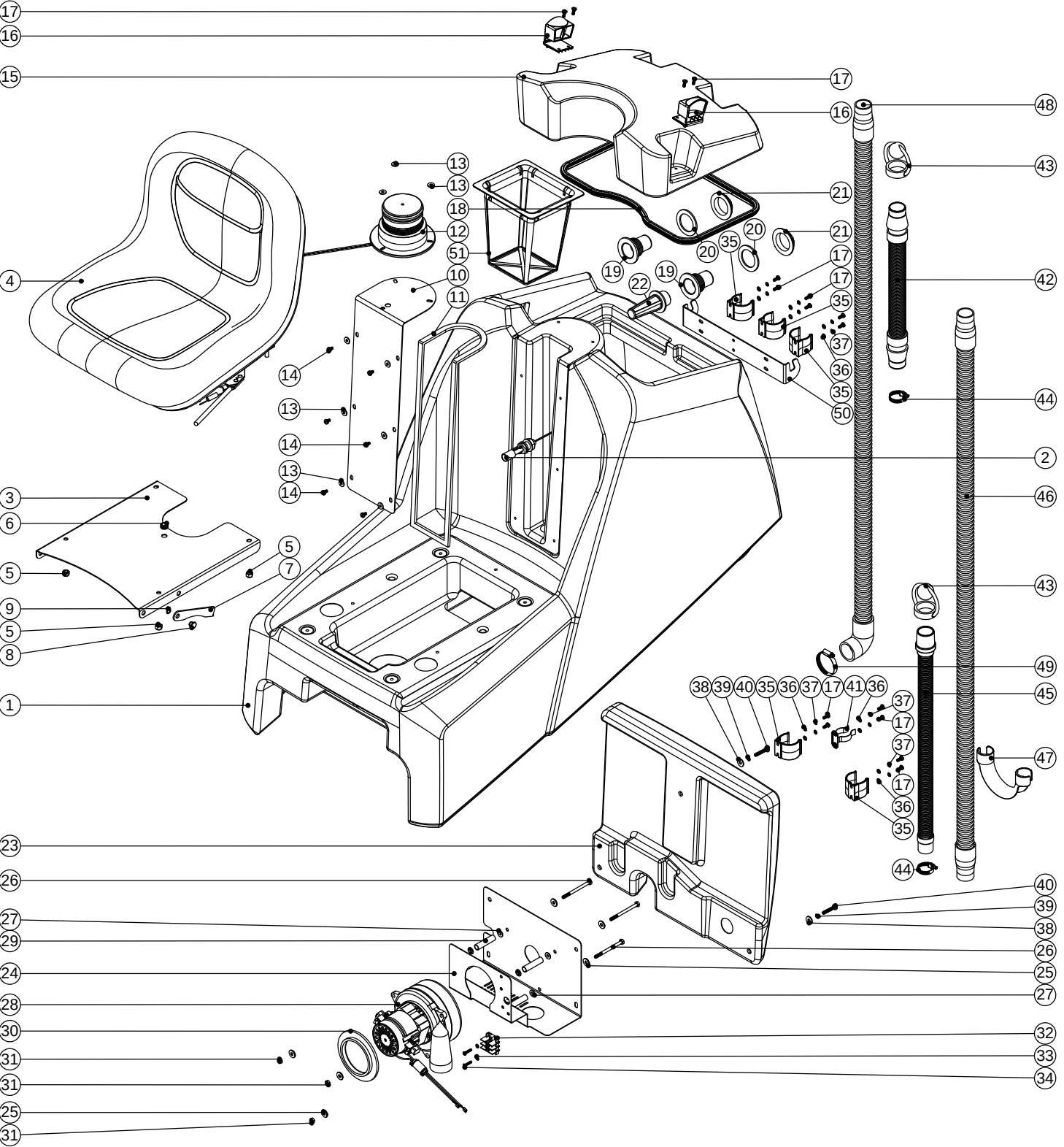
POS:	ITEM NO:	DESCRIPTION:	COMMENTS:
1	229837	TOP TANK MOULDING	
2	206944	FLOAT SWITCH	
3	329846	SEAT PLATE	
4	206934	MIDBACK SEAT (XB-150) C/W RAILS AND OPERATOR PRESENCE SWITCH	
5	219078	M8 NYLON INSERT NUT	
6	219680	GROMMET	
7	329894	SEAT PLATE LATCH	
8	206647	PIVOT BUSH	
9	219586	10MM EXTERNAL CIRCLIP	
10	303824	VARIO LIGHT BRACKET NUTSERTED ASSEMBLY	
11	212997	6MM X 12MM X 12METERS ROLL INSEAL	
12	321413	CURTIS MULTIVOTAGE XENON BEACON & LEAD ASSEMBLY	
	208164	LIGHT AMBER LENS	NOT SHOWN SEPERATLY
	208165	LIGHT BULB	NOT SHOWN SEPERATLY
	208166	LIGHT MOUNTING RING	NOT SHOWN SEPERATLY
13	219005	M5 FORM G WASHER	
14	219047	M5 X 10MM LONG POZI PAN SEMS SCREW	
15	229836	SEPARATOR MOULDING	
16	229494	CLIP MOULDING	
17	219049	M5 X 12MM LONG POZI PAN SCREW	
18	391209	1225MM LONG SEALING STRIP	
19	206228	DRAIN HOSE CONNECTOR	
20	219310	RUBBER WASHER	
21	206116	BLACK NUT	
22	206265	BARREL FILTER	
23	229849	BATTERY BACK DOOR MOULDING	
24	329844	VAC PLATE	
25	219647	M6 FORM G STAINLESS STEEL WASHER	
26	219915	M6 X 80MM LONG STAINLESS STEEL HEXAGONAL HEAD BOLT	
27	206779	NYLON INSULATION SLEEVE	
28	321408	TANGENTIAL DISCHARGE 2-STAGE VAC MOTOR & LEAD ASSEMBLY	
29	391093	52MM LONG VAC MOTOR SPACER	
30	202008	MOTOR CAP GASKET	
31	219642	M6 NYLON INSERT STAINLESS STEEL HALF NUT	
32	220114	2 WAY TERMINAL BLOCK	
33	219206	M4 FORM A WASHER	
34	21990V	M4 X 20MM LONG POZI PAN SCREW	
35	229762	HOSE CLIP MOULDING	
36	219003	M5 FORM A STEEL WASHER	
37	219016	M5 SHAKEPROOF WASHER	
38	219008	M6 FORM G WASHER	
39	219544	M6 SHAKEPROOF WASHER	
40	219268	M6 X 35MM LONG POZI PAN SCREW	
41	206818	HOSE CLIP	
42	208076	500MM BLACK STRETCH HOSE C/W CUFFS	
43	206111	HOSE CLOSURE	
44	219674	30/40MM DIAMETER STAINLESS STEEL JUBILEE CLIP	
45	213025	600MM - 630MM LONG DUMP HOSE ASSEMBLY	
46	208075	1950MM LONG SUCTION HOSE	
47	206512	HOSE HOOK	
48	329734	1300MM LONG HOSE & VAC CUFF ASSEMBLY	
49	219919	32MM-50MM STAINLESS STEEL HOSE CLIP	
50	329904	RIDE-ON SQUEEGEE STORAGE BRACKET	
51	206439	TANK FILTER	

Numatic International Spare Parts

Model No:Vario Top Tank/Light/Vac Pod & Hose Assembly

234612
DRAWING: EXP-1040 ISS:A02
11/11/2008

NB: FOR WIRING SEE DRAWING: WD-0359



Numatic International Spare Parts

Model No:Vario Top Tank/Light/Vac Pod & Hose Assembly

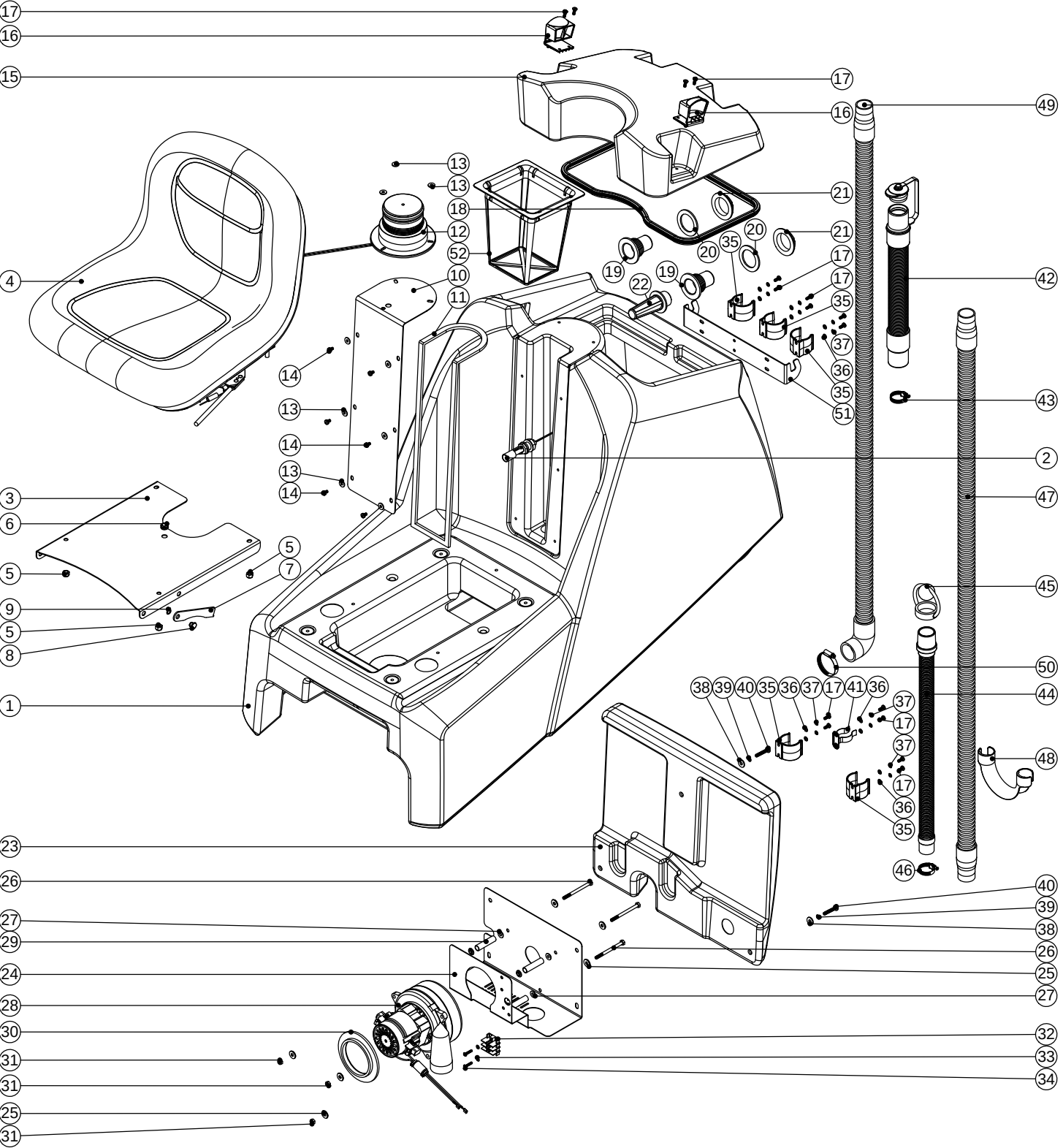
POS:	ITEM NO:	DESCRIPTION:	COMMENTS:
1	229837	TOP TANK MOULDING	
2	206944	FLOAT SWITCH	
3	329846	SEAT PLATE	
4	206934	MIDBACK SEAT (XB-150) C/W RAILS AND OPERATOR PRESENCE SWITCH	
	208163	OPERATOR PRESENCE SEAT SWITCH	NOT SHOWN SEPERATLY
5	219078	M8 NYLON INSERT NUT	
6	219680	GROMMET	
7	329894	SEAT PLATE LATCH	
8	206647	PIVOT BUSH	
9	219586	10MM EXTERNAL CIRCLIP	
10	303824	VARIO LIGHT BRACKET NUTSERTED ASSEMBLY	
11	212997	6MM X 12MM X 12METERS ROLL INSEAL	
12	321413	CURTIS MULTIVOTAGE XENON BEACON & LEAD ASSEMBLY	
	208164	LIGHT AMBER LENS	NOT SHOWN SEPERATLY
	208165	LIGHT BULB	NOT SHOWN SEPERATLY
	208166	LIGHT MOUNTING RING	NOT SHOWN SEPERATLY
13	219005	M5 FORM G WASHER	
14	219047	M5 X 10MM LONG POZI PAN SEMS SCREW	
15	229836	SEPARATOR MOULDING	
16	229494	CLIP MOULDING	
17	219049	M5 X 12MM LONG POZI PAN SCREW	
18	391209	1225MM LONG SEALING STRIP	
19	206228	DRAIN HOSE CONNECTOR	
20	219310	RUBBER WASHER	
21	206116	BLACK NUT	
22	206265	BARREL FILTER	
23	229849	BATTERY BACK DOOR MOULDING	
24	329844	VAC PLATE	
25	219647	M6 FORM G STAINLESS STEEL WASHER	
26	219915	M6 X 80MM LONG STAINLESS STEEL HEXAGONAL HEAD BOLT	
27	206779	NYLON INSULATION SLEEVE	
28	321408	TANGENTIAL DISCHARGE 2-STAGE VAC MOTOR & LEAD ASSEMBLY	
29	391093	52MM LONG VAC MOTOR SPACER	
30	202008	MOTOR CAP GASKET	
31	219642	M6 NYLON INSERT STAINLESS STEEL HALF NUT	
32	220114	2 WAY TERMINAL BLOCK	
33	219206	M4 FORM A WASHER	
34	21990V	M4 X 20MM LONG POZI PAN SCREW	
35	229762	HOSE CLIP MOULDING	
36	219003	M5 FORM A STEEL WASHER	
37	219016	M5 SHAKEPROOF WASHER	
38	219008	M6 FORM G WASHER	
39	219544	M6 SHAKEPROOF WASHER	
40	219268	M6 X 35MM LONG POZI PAN SCREW	
41	206818	HOSE CLIP	
42	206842	420MM LONG BLACK STRETCH HOSE C/W CUFFS	
43	206111	HOSE CLOSURE	
44	219674	30/40MM DIAMETER STAINLESS STEEL JUBILEE CLIP	
45	213025	600MM - 630MM LONG DUMP HOSE ASSEMBLY	
46	208075	1950MM LONG SUCTION HOSE	
47	206512	HOSE HOOK	
48	329734	1300MM LONG HOSE & VAC CUFF ASSEMBLY	
49	219919	32MM-50MM STAINLESS STEEL HOSE CLIP	
50	329904	RIDE-ON SQUEEGEE STORAGE BRACKET	
51	206439	TANK FILTER	

Numatic International Spare Parts

Model No:Vario Top Tank/Light/Vac Pod & Hose Assembly

234612
DRAWING: EXP-1040 ISS:A03
26/11/2008

NB: FOR WIRING SEE DRAWING: WD-0359



Numatic International Spare Parts

Model No:Vario Top Tank/Light/Vac Pod & Hose Assembly

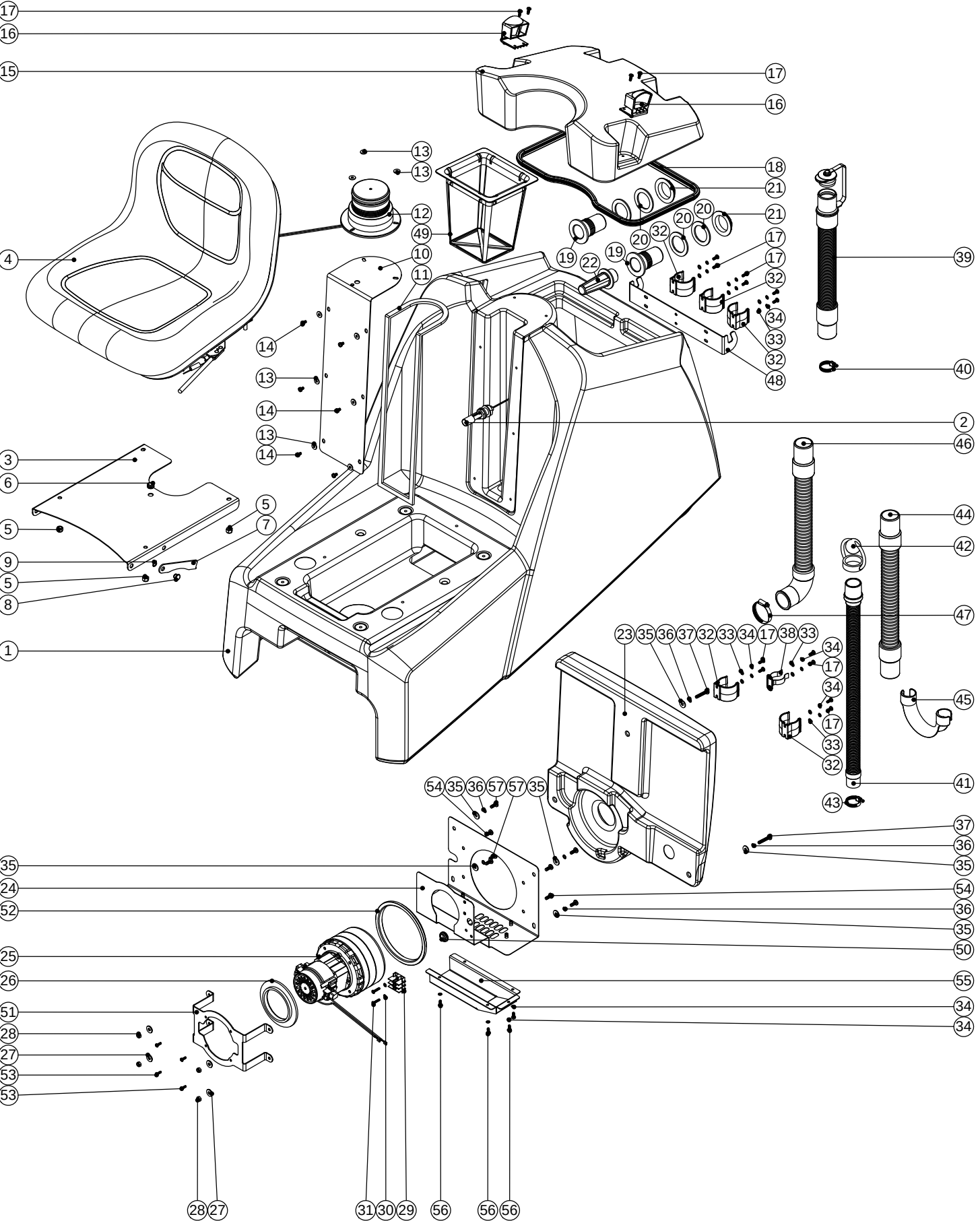
POS:	ITEM NO:	DESCRIPTION:	COMMENTS:
1	229837	TOP TANK MOULDING	
2	206944	FLOAT SWITCH	
3	329846	SEAT PLATE	
4	206934	MIDBACK SEAT (XB-150) C/W RAILS AND OPERATOR PRESENCE SWITCH	
	208163	OPERATOR PRESENCE SEAT SWITCH	NOT SHOWN SEPERATLY
5	219078	M8 NYLON INSERT NUT	
6	219680	GROMMET	
7	329894	SEAT PLATE LATCH	
8	206647	PIVOT BUSH	
9	219586	10MM EXTERNAL CIRCLIP	
10	303824	VARIO LIGHT BRACKET NUTSERTED ASSEMBLY	
11	212997	6MM X 12MM X 12METERS ROLL INSEAL	
12	321413	CURTIS MULTIVOTAGE XENON BEACON & LEAD ASSEMBLY	
	208164	LIGHT AMBER LENS	NOT SHOWN SEPERATLY
	208165	LIGHT BULB	NOT SHOWN SEPERATLY
	208166	LIGHT MOUNTING RING	NOT SHOWN SEPERATLY
13	219005	M5 FORM G WASHER	
14	219047	M5 X 10MM LONG POZI PAN SEMS SCREW	
15	229836	SEPARATOR MOULDING	
16	229494	CLIP MOULDING	
17	219049	M5 X 12MM LONG POZI PAN SCREW	
18	391209	1225MM LONG SEALING STRIP	
19	206228	DRAIN HOSE CONNECTOR	
20	219310	RUBBER WASHER	
21	206116	BLACK NUT	
22	206265	BARREL FILTER	
23	229849	BATTERY BACK DOOR MOULDING	
24	329844	VAC PLATE	
25	219647	M6 FORM G STAINLESS STEEL WASHER	
26	219915	M6 X 80MM LONG STAINLESS STEEL HEXAGONAL HEAD BOLT	
27	206779	NYLON INSULATION SLEEVE	
28	321408	TANGENTIAL DISCHARGE 2-STAGE VAC MOTOR & LEAD ASSEMBLY	
29	391093	52MM LONG VAC MOTOR SPACER	
30	202008	MOTOR CAP GASKET	
31	219642	M6 NYLON INSERT STAINLESS STEEL HALF NUT	
32	220114	2 WAY TERMINAL BLOCK	
33	219206	M4 FORM A WASHER	
34	21990V	M4 X 20MM LONG POZI PAN SCREW	
35	229762	HOSE CLIP MOULDING	
36	219003	M5 FORM A STEEL WASHER	
37	219016	M5 SHAKEPROOF WASHER	
38	219008	M6 FORM G WASHER	
39	219544	M6 SHAKEPROOF WASHER	
40	219268	M6 X 35MM LONG POZI PAN SCREW	
41	206818	HOSE CLIP	
42	213047	38MM X 400MM LONG 3:1 STRETCH HOSE C/W CAP & STRAP	
43	206209	A.B.A HOSE CLIP	
44	213025	600MM - 630MM LONG DUMP HOSE ASSEMBLY	
45	206111	HOSE CLOSURE	
46	219674	30/40MM DIAMETER STAINLESS STEEL JUBILEE CLIP	
47	208075	1950MM LONG SUCTION HOSE	
48	206512	HOSE HOOK	
49	329734	1300MM LONG HOSE & VAC CUFF ASSEMBLY	
50	219919	32MM-50MM STAINLESS STEEL HOSE CLIP	
51	329904	RIDE-ON SQUEEGEE STORAGE BRACKET	
52	206439	TANK FILTER	

Numatic International Spare Parts

Model No:Vario Top Tank/Light/Vac Pod & Hose Assembly

234612
DRAWING: EXP-1040 ISS:A04
30/04/2009

NB: FOR WIRING SEE DRAWING: WD-0359



Numatic International Spare Parts

Model No:Vario Top Tank/Light/Vac Pod & Hose Assembly

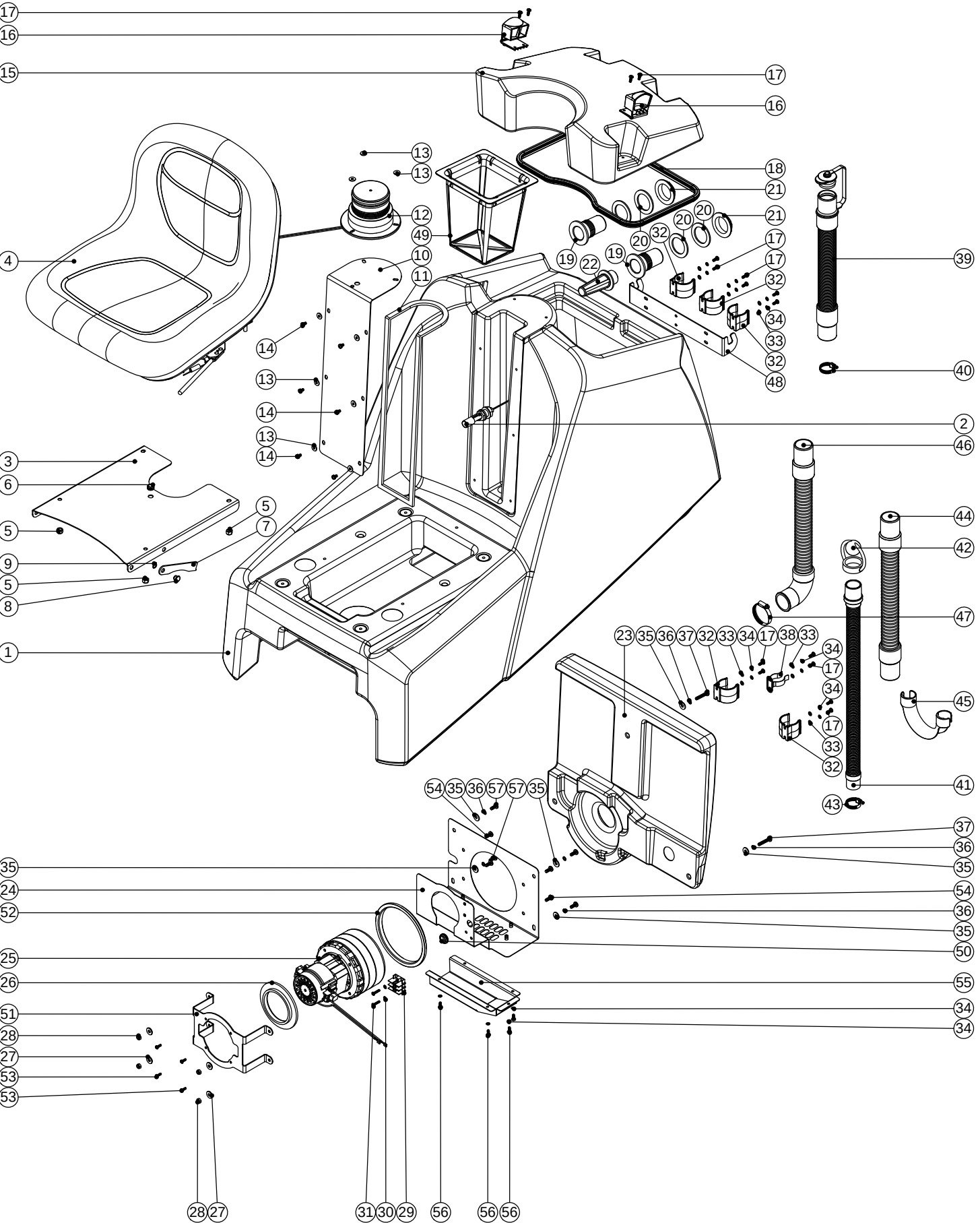
POS:	ITEM NO:	DESCRIPTION:	COMMENTS:
1	229837	TOP TANK MOULDING	
2	206944	FLOAT SWITCH	
3	329846	SEAT PLATE	
4	206934	MIDBACK SEAT (XB-150) C/W RAILS AND OPERATOR PRESENCE SWITCH	
	208163	OPERATOR PRESENCE SEAT SWITCH	NOT SHOWN SEPERATLY
5	219078	M8 NYLON INSERT NUT	
6	219680	GROMMET	
7	329894	SEAT PLATE LATCH	
8	206647	PIVOT BUSH	
9	219586	10MM EXTERNAL CIRCLIP	
10	303824	VARIO LIGHT BRACKET NUTSERTED ASSEMBLY	
11	212997	6MM X 12MM X 12METERS ROLL INSEAL	
12	321413	CURTIS MULTIVOTAGE XENON BEACON & LEAD ASSEMBLY	
	208164	LIGHT AMBER LENS	NOT SHOWN SEPERATLY
	208165	LIGHT BULB	NOT SHOWN SEPERATLY
	208166	LIGHT MOUNTING RING	NOT SHOWN SEPERATLY
13	219005	M5 FORM G WASHER	
14	219047	M5 X 10MM LONG POZI PAN SEMS SCREW	
15	229836	SEPARATOR MOULDING	
16	229494	CLIP MOULDING	
17	219049	M5 X 12MM LONG POZI PAN SCREW	
18	391209	1225MM LONG SEALING STRIP	
19	237018	38MM DRAIN HOSE CONNECTOR	
20	219310	RUBBER WASHER	
21	206116	BLACK NUT	
22	206265	BARREL FILTER	
23	229849	BATTERY BACK DOOR MOULDING	
24	303886	NUTSERTED 3 STAGE MOTOR PLATE	
25	303880	24V PERIPHERAL 3-STAGE VAC MOTOR & TERMINAL ASSEMBLY	
26	202008	MOTOR CAP GASKET	
27	219647	M6 FORM G STAINLESS STEEL WASHER	
28	219642	M6 NYLON INSERT STAINLESS STEEL HALF NUT	
29	220114	2 WAY TERMINAL BLOCK	
30	219206	M4 FORM A WASHER	
31	21990V	M4 X 20MM LONG POZI PAN SCREW	
32	229762	HOSE CLIP MOULDING	
33	219003	M5 FORM A STEEL WASHER	
34	219016	M5 SHAKEPROOF WASHER	
35	219008	M6 FORM G WASHER	
36	219544	M6 SHAKEPROOF WASHER	
37	219268	M6 X 35MM LONG POZI PAN SCREW	
38	206818	HOSE CLIP	
39	213047	38MM X 400MM LONG 3:1 STRETCH HOSE C/W CAP & STRAP	
40	206209	A.B.A HOSE CLIP	
41	213025	600MM - 630MM LONG DUMP HOSE ASSEMBLY	
42	206111	HOSE CLOSURE	
43	219674	30/40MM DIAMETER STAINLESS STEEL JUBILEE CLIP	
44	208192	38MM FLOOR TOOL SUCTION HOSE (1900MM LONG)	
45	206512	HOSE HOOK	
46	208191	38MM VAC SUCTION HOSE (1250MM LONG)	
47	219919	32MM-50MM STAINLESS STEEL HOSE CLIP	
48	329904	RIDE-ON SQUEEGEE STORAGE BRACKET	
49	206439	TANK FILTER	
50	219631	19MM GROMMET	
51	329987	MOTOR BRACKET	
52	237032	MOTOR GASKET	
53	219569	No8 X 1/2 INCH LONG POZI PAN STAINLESS STEEL PLASTITE SCREW	
54	219646	M6 X 16MM LONG POZI PAN STAINLESS STEEL SCREW	
55	329989	SILENCER BOX	
56	219740	M5 X 12MM LONG STAINLESS STEEL POZI PAN SCREW	
57	219618	M6 X 16MM LONG POZI PAN SCREW	

Numatic International Spare Parts

Model No:Vario Top Tank/Light/Vac Pod & Hose Assembly

234612
DRAWING: EXP-1040 ISS:A05
18/02/2010

NB: FOR WIRING SEE DRAWING: WD-0359



Numatic International Spare Parts

Model No:Vario Top Tank/Light/Vac Pod & Hose Assembly

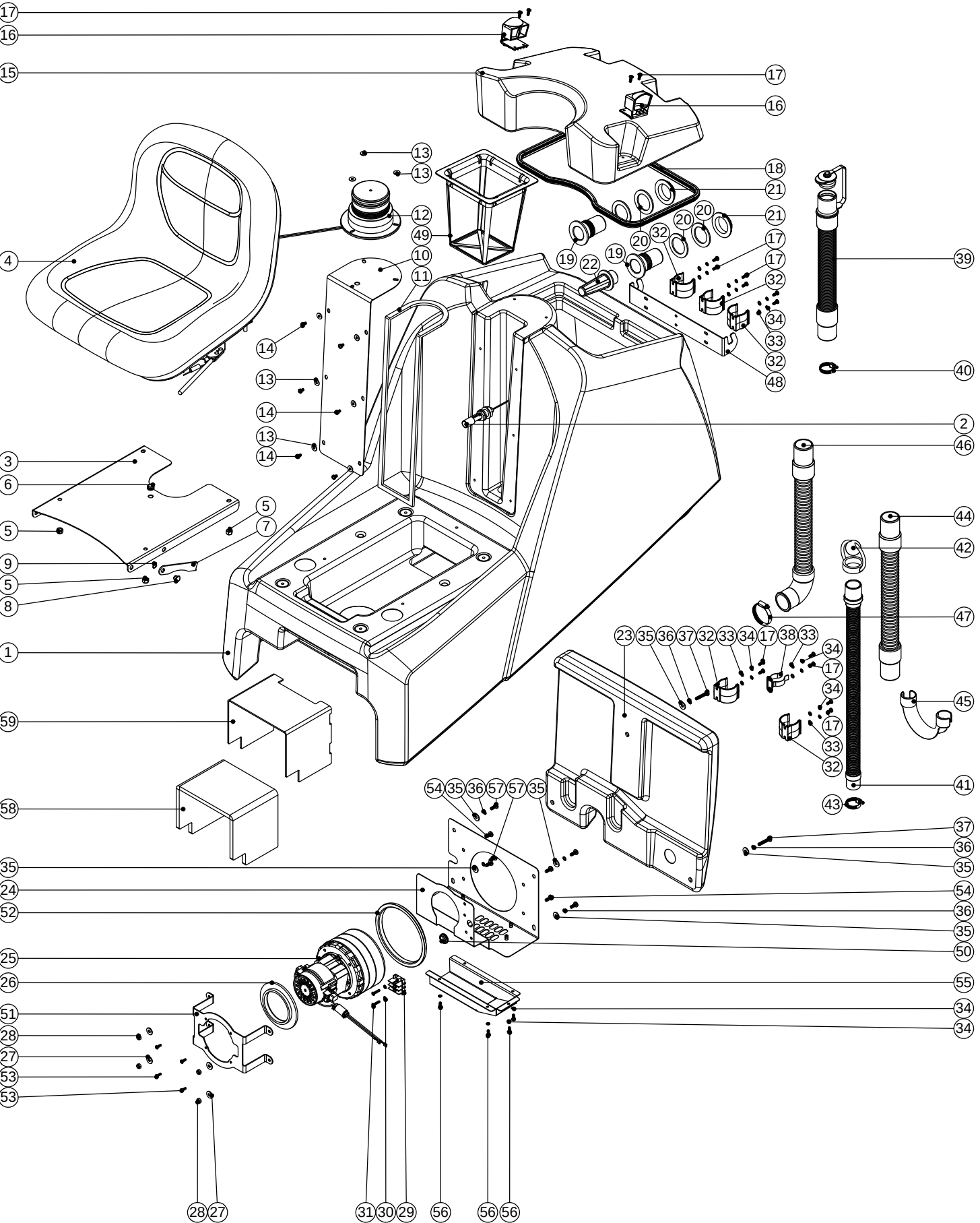
POS:	ITEM NO:	DESCRIPTION:	COMMENTS:
1	229837	TOP TANK MOULDING	
2	206944	FLOAT SWITCH	
3	329846	SEAT PLATE	
4	206934	MILSCO MID BACK SEAT	
	208163	OPERATOR PRESENCE SEAT SWITCH	NOT SHOWN SEPARATELY
5	219078	M8 NYLON INSERT NUT	
6	219680	GROMMET	
7	329894	SEAT PLATE LATCH	
8	206647	PIVOT BUSH	
9	219586	10MM EXTERNAL CIRCLIP	
10	303824	VARIO LIGHT BRACKET NUTSERTED ASSEMBLY	
11	212997	6MM X 12MM X 12METERS ROLL INSEAL	
12	321413	CURTIS MULTIVOTAGE XENON BEACON & LEAD ASSEMBLY	
	208164	LIGHT AMBER LENS	NOT SHOWN SEPARATELY
	208165	LIGHT BULB	NOT SHOWN SEPARATELY
	208166	LIGHT MOUNTING RING	NOT SHOWN SEPARATELY
13	219005	M5 FORM G WASHER	
14	219047	M5 X 10MM LONG POZI PAN SEMS SCREW	
15	229836	SEPARATOR MOULDING	
16	229494	CLIP MOULDING	
17	219049	M5 X 12MM LONG POZI PAN SCREW	
18	391209	1225MM LONG SEALING STRIP	
19	237018	38MM DRAIN HOSE CONNECTOR	
20	219310	RUBBER WASHER	
21	206116	BLACK NUT	
22	206265	BARREL FILTER	
23	229849	BATTERY BACK DOOR MOULDING	
24	303886	NUTSERTED 3 STAGE MOTOR PLATE	
25	303880	24V PERIPHERAL 3-STAGE VAC MOTOR & TERMINAL ASSEMBLY	
26	202008	MOTOR CAP GASKET	
27	219647	M6 FORM G STAINLESS STEEL WASHER	
28	219642	M6 STAINLESS STEEL NYLON INSERT NUT	
29	220114	2 WAY TERMINAL BLOCK	
30	219206	M4 FORM A WASHER	
31	21990V	M4 X 20MM LONG POZI PAN SCREW	
32	229762	HOSE CLIP MOULDING	
33	219003	M5 FORM A STEEL WASHER	
34	219016	M5 SHAKEPROOF WASHER	
35	219008	M6 FORM G WASHER	
36	219544	M6 SHAKEPROOF WASHER	
37	219268	M6 X 35MM LONG POZI PAN SCREW	
38	206818	HOSE CLIP	
39	213047	38MM X 470MM LONG 3:1 STRETCH HOSE C/W CAP & STRAP	
40	206209	A.B.A HOSE CLIP	
41	213025	600MM - 630MM LONG DUMP HOSE ASSEMBLY	
42	206111	HOSE CLOSURE	
43	219674	30/40MM DIAMETER STAINLESS STEEL JUBILEE CLIP	
44	208186	1.2 METRE LONG X 38MM DIAMETER SUCTION HOSE	
45	206512	HOSE HOOK	
46	208191	38MM VAC SUCTION HOSE (1250MM LONG)	
47	219919	32MM-50MM STAINLESS STEEL HOSE CLIP	
48	329904	RIDE-ON SQUEEGEE STORAGE BRACKET	
49	206439	TANK FILTER	
50	219631	19MM GROMMET	
51	329987	MOTOR BRACKET	
52	237032	>TPE< 3 STAGE MOTOR GASKET	
53	219569	No8 X 1/2 INCH LONG POZI PAN STAINLESS STEEL PLASTITE SCREW	
54	219646	M6 X 16MM LONG POZI PAN STAINLESS STEEL SCREW	
55	329989	SILENCER BOX	
56	219740	M5 X 12MM LONG STAINLESS STEEL POZI PAN SCREW	
57	219618	M6 X 16MM LONG POZI PAN SCREW	

Numatic International Spare Parts

Model No:Vario Top Tank/Light/Vac Pod & Hose Assembly

234612
DRAWING: EXP-1040 ISS:A06
17/03/2010

NB: FOR WIRING SEE DRAWING: WD-0359



Numatic International Spare Parts

Model No:Vario Top Tank/Light/Vac Pod & Hose Assembly

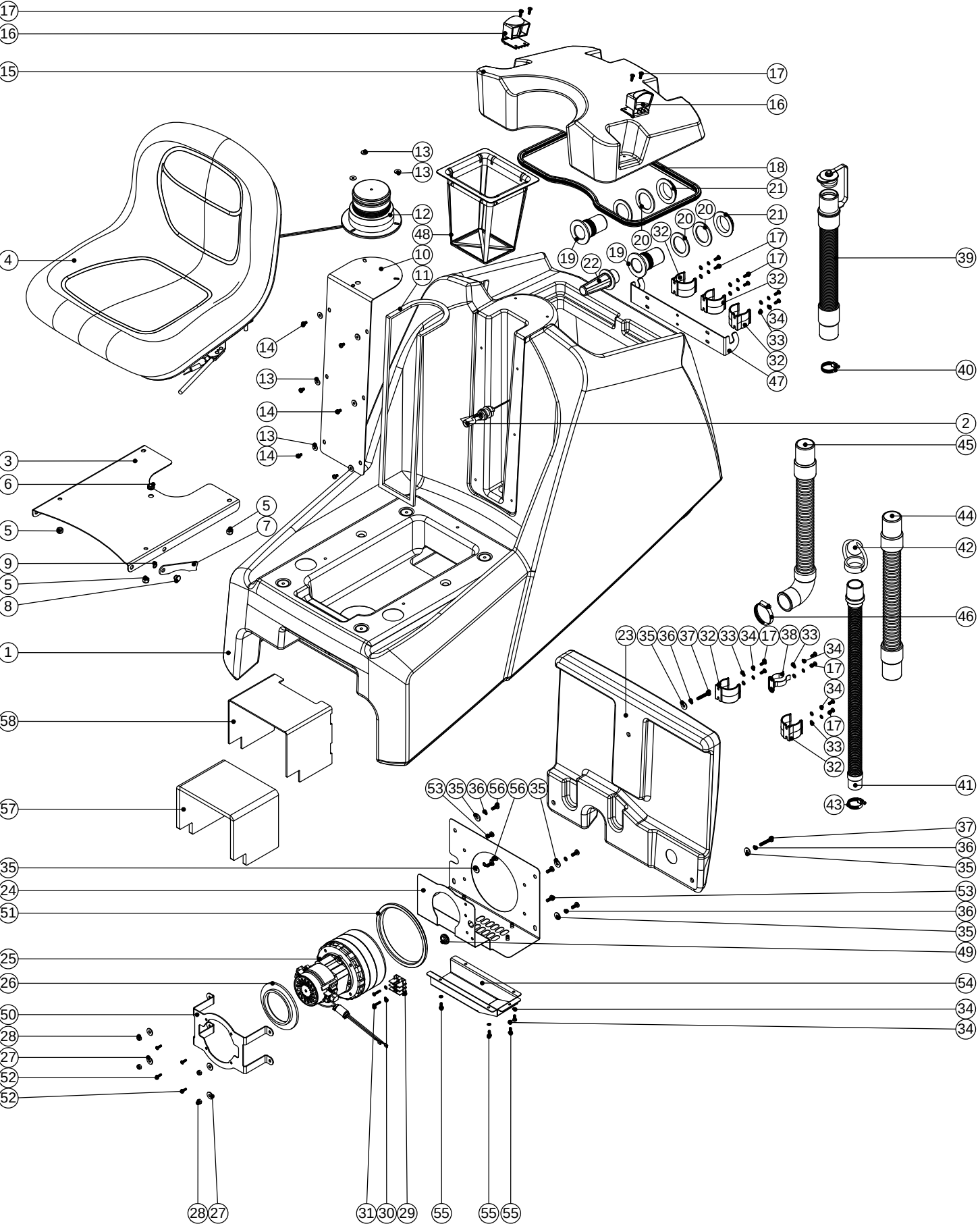
POS:	ITEM NO:	DESCRIPTION:	COMMENTS:
1	229837	TOP TANK MOULDING	
2	206944	FLOAT SWITCH	
3	329846	SEAT PLATE	
4	206934	MILSCO MID BACK SEAT	
	208163	OPERATOR PRESENCE SEAT SWITCH	NOT SHOWN SEPARATELY
5	219078	M8 NYLON INSERT NUT	
6	219680	GROMMET	
7	329894	SEAT PLATE LATCH	
8	206647	PIVOT BUSH	
9	219586	10MM EXTERNAL CIRCLIP	
10	303824	VARIO LIGHT BRACKET NUTSERTED ASSEMBLY	
11	212997	6MM X 12MM X 12METERS ROLL INSEAL	
12	321413	CURTIS MULTIVOTAGE XENON BEACON & LEAD ASSEMBLY	
	208164	LIGHT AMBER LENS	NOT SHOWN SEPARATELY
	208165	LIGHT BULB	NOT SHOWN SEPARATELY
	208166	LIGHT MOUNTING RING	NOT SHOWN SEPARATELY
13	219005	M5 FORM G WASHER	
14	219047	M5 X 10MM LONG POZI PAN SEMS SCREW	
15	229836	SEPARATOR MOULDING	
16	229494	CLIP MOULDING	
17	219049	M5 X 12MM LONG POZI PAN SCREW	
18	391209	1225MM LONG SEALING STRIP	
19	237018	38MM DRAIN HOSE CONNECTOR	
20	219310	RUBBER WASHER	
21	206116	BLACK NUT	
22	206265	BARREL FILTER	
23	229849	BATTERY BACK DOOR MOULDING	
24	303886	NUTSERTED 3 STAGE MOTOR PLATE	
25	303880	24V PERIPHERAL 3-STAGE VAC MOTOR & TERMINAL ASSEMBLY	
26	202008	MOTOR CAP GASKET	
27	219647	M6 FORM G STAINLESS STEEL WASHER	
28	219642	M6 STAINLESS STEEL NYLON INSERT NUT	
29	220114	2 WAY TERMINAL BLOCK	
30	219206	M4 FORM A WASHER	
31	21990V	M4 X 20MM LONG POZI PAN SCREW	
32	229762	HOSE CLIP MOULDING	
33	219003	M5 FORM A STEEL WASHER	
34	219016	M5 SHAKEPROOF WASHER	
35	219008	M6 FORM G WASHER	
36	219544	M6 SHAKEPROOF WASHER	
37	219268	M6 X 35MM LONG POZI PAN SCREW	
38	206818	HOSE CLIP	
39	213047	38MM X 470MM LONG 3:1 STRETCH HOSE C/W CAP & STRAP	
40	206209	A.B.A HOSE CLIP	
41	213025	600MM - 630MM LONG DUMP HOSE ASSEMBLY	
42	206111	HOSE CLOSURE	
43	219674	30/40MM DIAMETER STAINLESS STEEL JUBILEE CLIP	
44	208186	1.2 METRE LONG X 38MM DIAMETER SUCTION HOSE	
45	206512	HOSE HOOK	
46	208191	38MM VAC SUCTION HOSE (1250MM LONG)	
47	219919	32MM-50MM STAINLESS STEEL HOSE CLIP	
48	329904	RIDE-ON SQUEEGEE STORAGE BRACKET	
49	206439	TANK FILTER	
50	219631	19MM GROMMET	
51	329987	MOTOR BRACKET	
52	237032	>TPE< 3 STAGE MOTOR GASKET	
53	219569	No8 X 1/2 INCH LONG POZI PAN STAINLESS STEEL PLASTITE SCREW	
54	219646	M6 X 16MM LONG POZI PAN STAINLESS STEEL SCREW	
55	329989	SILENCER BOX	
56	219740	M5 X 12MM LONG STAINLESS STEEL POZI PAN SCREW	
57	219618	M6 X 16MM LONG POZI PAN SCREW	
58	208274	SILENCER FOAM	
59	392019	SILENCER SHROUD	

Numatic International Spare Parts

Model No:Vario Top Tank/Light/Vac Pod & Hose Assembly

234612
DRAWING: EXP-1040 ISS:A07
29/04/2010

NB: FOR WIRING SEE DRAWING: WD-0359



Numatic International Spare Parts

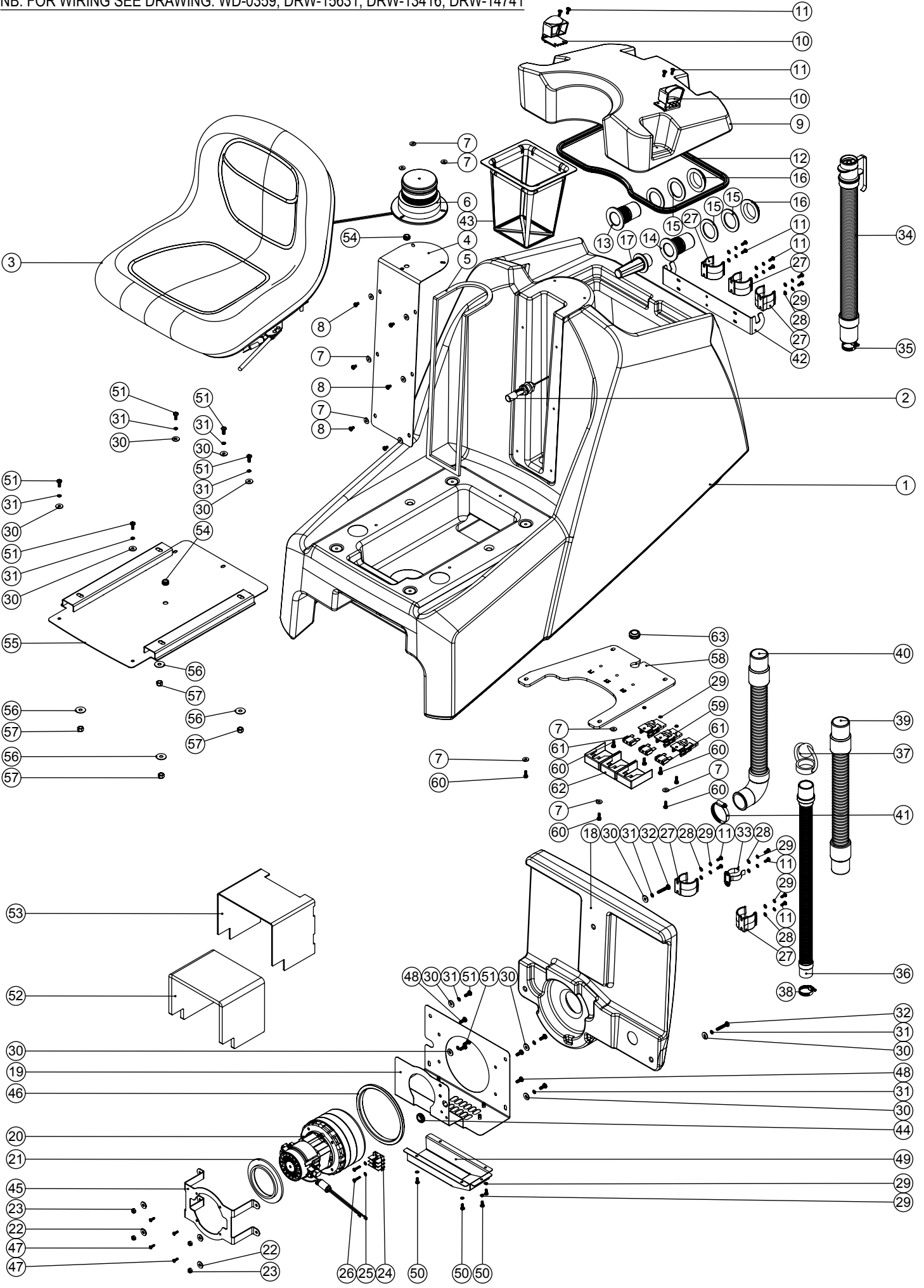
Model No:Vario Top Tank/Light/Vac Pod & Hose Assembly

POS:	ITEM NO:	DESCRIPTION:	COMMENTS:
1	229837	TOP TANK MOULDING	
2	206944	FLOAT SWITCH	
3	329846	SEAT PLATE	
4	206934	MILSCO MID BACK SEAT	
	208163	OPERATOR PRESENCE SEAT SWITCH	NOT SHOWN SEPARATELY
5	219078	M8 NYLON INSERT NUT	
6	219680	GROMMET	
7	329894	SEAT PLATE LATCH	
8	206647	PIVOT BUSH	
9	219586	10MM EXTERNAL CIRCLIP	
10	303824	VARIO LIGHT BRACKET NUTSERTED ASSEMBLY	
11	212997	6MM X 12MM X 12METERS ROLL INSEAL	
12	321413	CURTIS MULTIVOTAGE XENON BEACON & LEAD ASSEMBLY	
	208164	LIGHT AMBER LENS	NOT SHOWN SEPARATELY
	208165	LIGHT BULB	NOT SHOWN SEPARATELY
	208166	LIGHT MOUNTING RING	NOT SHOWN SEPARATELY
13	219005	M5 FORM G WASHER	
14	219047	M5 X 10MM LONG POZI PAN SEMS SCREW	
15	229836	SEPARATOR MOULDING	
16	229494	CLIP MOULDING	
17	219049	M5 X 12MM LONG POZI PAN SCREW	
18	391209	1225MM LONG SEALING STRIP	
19	237018	38MM DRAIN HOSE CONNECTOR	
20	219310	RUBBER WASHER	
21	206116	BLACK NUT	
22	206265	BARREL FILTER	
23	229849	BATTERY BACK DOOR MOULDING	
24	303886	NUTSERTED 3 STAGE MOTOR PLATE	
25	303880	24V PERIPHERAL 3-STAGE VAC MOTOR & TERMINAL ASSEMBLY	
26	202008	MOTOR CAP GASKET	
27	219647	M6 FORM G STAINLESS STEEL WASHER	
28	219642	M6 STAINLESS STEEL NYLON INSERT NUT	
29	220114	2 WAY TERMINAL BLOCK	
30	219206	M4 FORM A WASHER	
31	21990V	M4 X 20MM LONG POZI PAN SCREW	
32	229762	HOSE CLIP MOULDING	
33	219003	M5 FORM A STEEL WASHER	
34	219016	M5 SHAKEPROOF WASHER	
35	219008	M6 FORM G WASHER	
36	219544	M6 SHAKEPROOF WASHER	
37	219268	M6 X 35MM LONG POZI PAN SCREW	
38	206818	HOSE CLIP	
39	213047	38MM X 470MM LONG 3:1 STRETCH HOSE C/W CAP & STRAP	
40	206209	A.B.A HOSE CLIP	
41	213025	600MM - 630MM LONG DUMP HOSE ASSEMBLY	
42	206111	HOSE CLOSURE	
43	219674	30/40MM DIAMETER STAINLESS STEEL JUBILEE CLIP	
44	208192	38MM FLOOR TOOL SUCTION HOSE (1900MM LONG)	
45	208191	38MM VAC SUCTION HOSE (1250MM LONG)	
46	219919	32MM-50MM STAINLESS STEEL HOSE CLIP	
47	329904	RIDE-ON SQUEEGEE STORAGE BRACKET	
48	206439	TANK FILTER	
49	219631	19MM GROMMET	
50	329987	MOTOR BRACKET	
51	237032	>TPE< 3 STAGE MOTOR GASKET	
52	219569	No8 X 1/2 INCH LONG POZI PAN STAINLESS STEEL PLASTITE SCREW	
53	219646	M6 X 16MM LONG POZI PAN STAINLESS STEEL SCREW	
54	329989	SILENCER BOX	
55	219740	M5 X 12MM LONG STAINLESS STEEL POZI PAN SCREW	
56	219618	M6 X 16MM LONG POZI PAN SCREW	
57	208274	SILENCER FOAM	
58	392019	SILENCER SHROUD	

Numatic International Spare Parts

Model No: TTV678 & TRO650 Top Tank/Light/Vac Pod & Hose Assembly

NB: FOR WIRING SEE DRAWING: WD-0359, DRW-15631, DRW-13416, DRW-14741



Numatic International Spare Parts

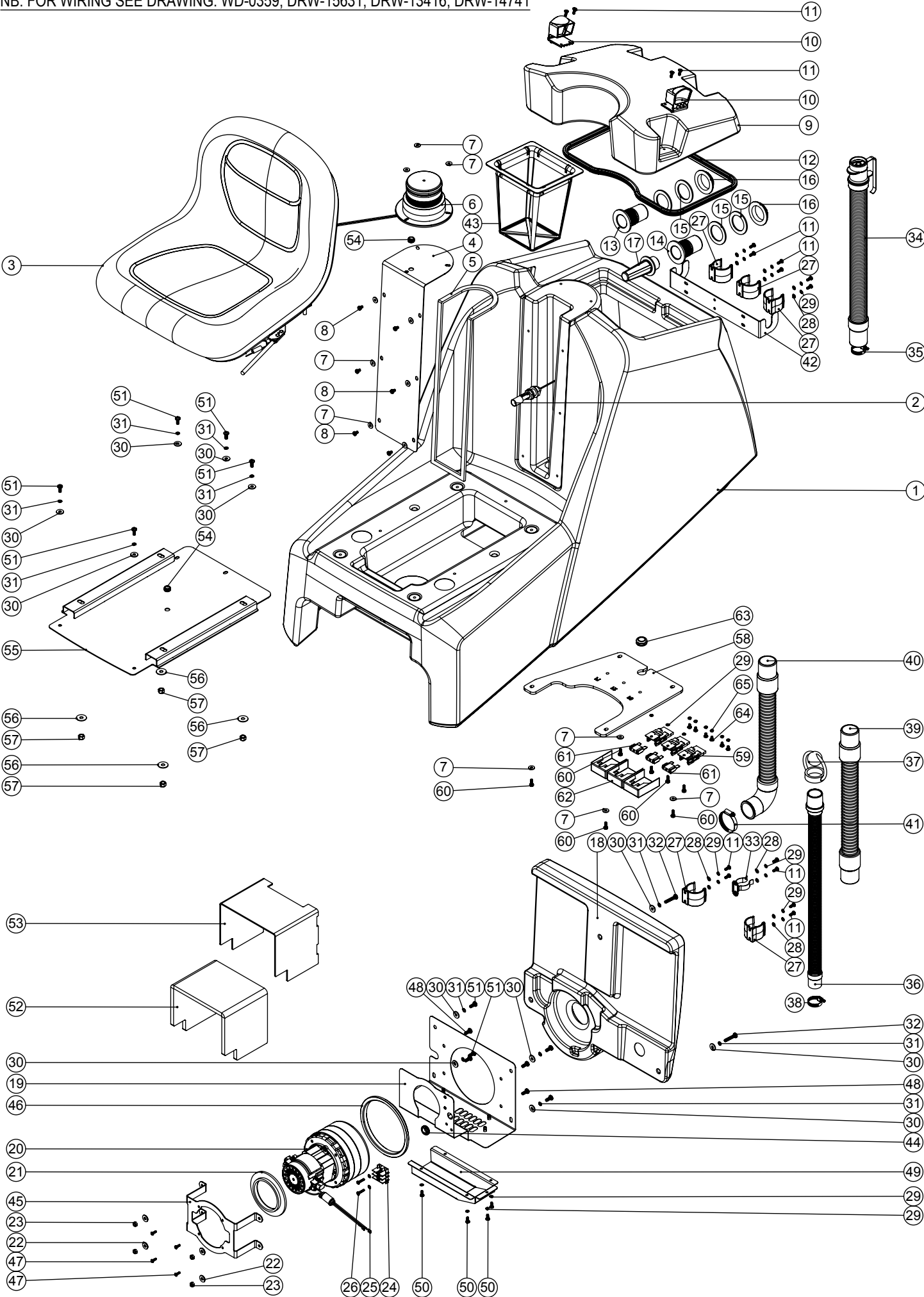
Model No: TTV678 & TRO650 Top Tank/Light/Vac Pod & Hose Assembly

ITEM:	PART No:	DESCRIPTION	COMMENTS:
1	229837	TOP TANK MOULDING	
2	206944	FLOAT SWITCH	
3	206934	MILSCO MID BACK SEAT	
	208163	OPERATOR PRESENCE SEAT SWITCH	NOT SHOWN SEPARATELY
4	303824	VARIO LIGHT BRACKET NUTSERTEDED ASSEMBLY	
5	212997	6MM X 12MM X 12METERS ROLL INSEAL	
6	321413	CURTIS MULTIVOTAGE XENON BEACON & LEAD ASSEMBLY	
	208164	LIGHT AMBER LENS	NOT SHOWN SEPARATELY
	208165	LIGHT BULB	NOT SHOWN SEPARATELY
	208166	LIGHT MOUNTING RING	NOT SHOWN SEPARATELY
7	219005	M5 FORM G WASHER	
8	219047	M5 X 10MM LONG POZI PAN SEMS SCREW	
9	229836	TTV SEPARATOR MOULDING	
10	229494	CLIP MOULDING	
11	219049	M5 X 12MM LONG POZI PAN SCREW	
12	391209	1225MM LONG SEALING STRIP	
13	237526	38MM RED DRAIN HOSE CONNECTOR	
14	237018	38MM DRAIN HOSE CONNECTOR	
15	219310	RUBBER WASHER	
16	206116	BLACK NUT	
17	206265	TT/B 345 BARREL FILTER	
18	237021	VARIO 3 STAGE BACK DOOR MOULDING	
19	303886	NUTSERTEDED 3 STAGE MOTOR PLATE	
20	303880	24V PERIPHERAL 3-STAGE VAC MOTOR & TERMINAL ASSEMBLY	
21	202008	MOTOR CAP GASKET	
22	219647	M6 FORM G STAINLESS STEEL WASHER	
23	219642	M6 STAINLESS STEEL NYLON INSERT NUT	
24	220114	2 WAY TERMINAL BLOCK	
25	219206	M4 FORM A WASHER	
26	21990V	M4 X 20MM LONG POZI PAN SCREW	
27	237382	ACETAL HOSE CLIP MOULDING	
28	219003	M5 FORM A STEEL WASHER	
29	219016	M5 SHAKEPROOF WASHER	
30	219008	M6 FORM G WASHER	
31	219544	M6 SHAKEPROOF WASHER	
32	219268	M6 X 35MM LONG POZI PAN SCREW	
33	206818	HOSE CLIP	
34	213047	38MM X 470MM LONG 3:1 STRETCH HOSE C/W CAP & STRAP	
35	206209	A.B.A HOSE CLIP	
36	213025	600MM - 630MM LONG DUMP HOSE ASSEMBLY	
37	206111	HOSE CLOSURE	
38	219674	30/40MM DIAMETER STAINLESS STEEL JUBILEE CLIP	
39	208192	38MM FLOOR TOOL SUCTION HOSE (1900MM LONG)	
40	208191	38MM VAC SUCTION HOSE (1250MM LONG)	
41	219919	32MM-50MM STAINLESS STEEL HOSE CLIP	
42	329904	RIDE-ON SQUEEGEE STORAGE BRACKET	
43	206439	TANK FILTER	
44	219631	19MM GROMMET	
45	329987	MOTOR BRACKET	
46	237032	>TPE< 3 STAGE MOTOR GASKET	
47	219569	No8 X 1/2 INCH LONG POZI PAN STAINLESS STEEL PLASTITE SCREW	
48	219646	M6 X 16MM LONG POZI PAN STAINLESS STEEL SCREW	
49	329989	SILENCER BOX	
50	219740	M5 X 12MM LONG STAINLESS STEEL POZI PAN SCREW	
51	219618	M6 X 16MM LONG POZI PAN SCREW	
52	208274	SILENCER FOAM	
53	392019	SILENCER SHROUD	
54	219680	GROMMET	
55	404194	SEAT PLATE WELD ASSEMBLY PAINT SILVER GREY	
56	221154	M8 FORM C WASHER	
57	219078	M8 NYLON INSERT NUT	
58	304477	TRO NUTSERTEDED TOP TANK FUSE PLATE	
59	230102	FUSE HOLDER RATED AT 60 AMPS	
60	219045	M5 X 16MM LONG POZI PAN SEMS SCREW	
61	221047	40 AMP MAXI FUSE	
62	208802	MAXI-FUSE HOLDER COVER	
63	208143	20MM GROMMET X 6MM PANEL THICKNESS	

Numatic International Spare Parts

Model No: TTV678 & TRO650 TOP TANK / LIGHT / VAC POD & HOSE ASSEMBLY

NB: FOR WIRING SEE DRAWING: WD-0359, DRW-15631, DRW-13416, DRW-14741



234612
DRAWING: EXP-1040 ISS:A09
16/06/2014

Numatic International Spare Parts

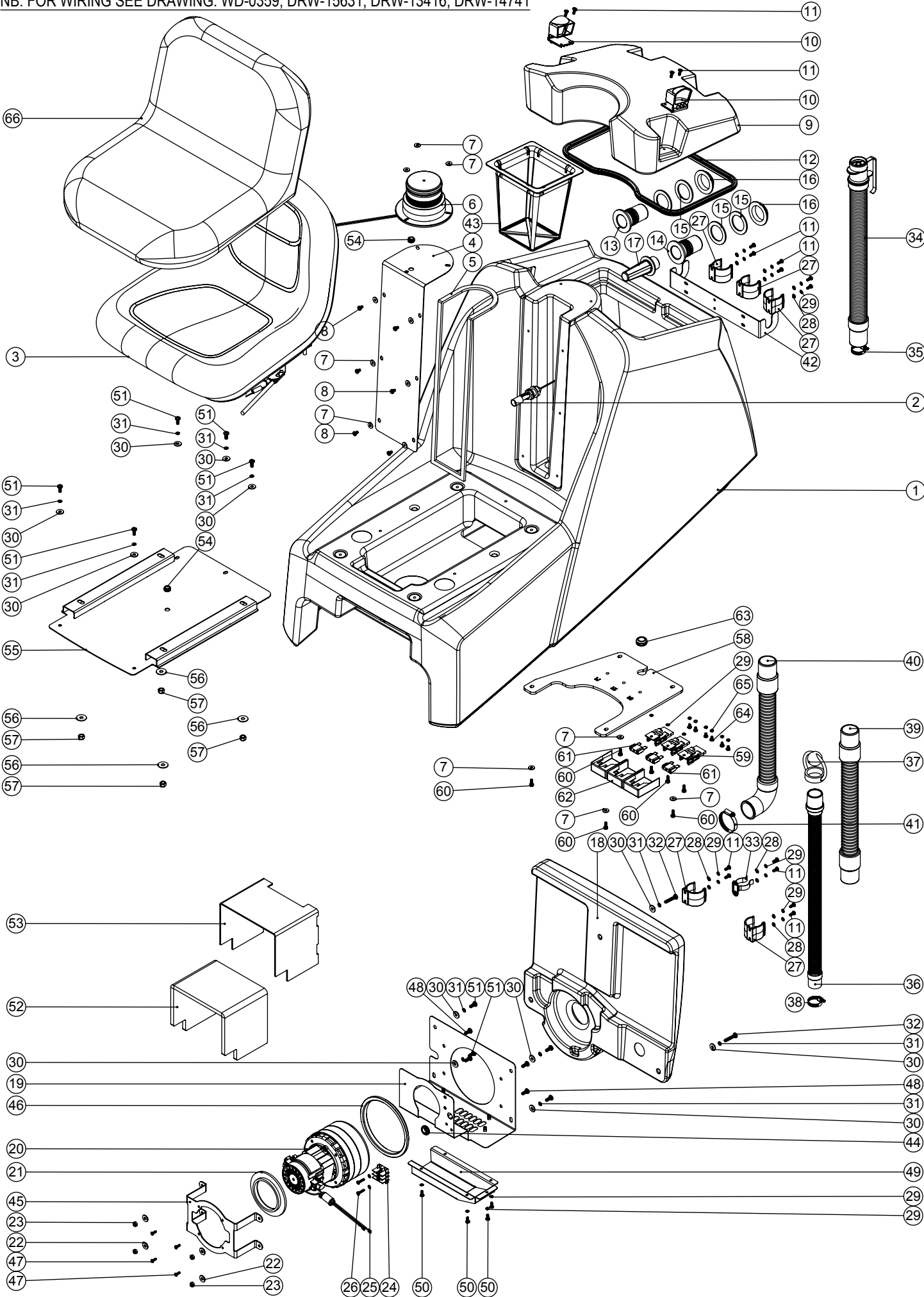
Model No: TTV678 & TRO650 TOP TANK / LIGHT / VAC POD & HOSE ASSEMBLY

ITEM:	PART No:	DESCRIPTION	COMMENTS:
1	229837	TOP TANK MOULDING	
2	206944	FLOAT SWITCH	
3	206934	MILSCO MID BACK SEAT	
	208163	OPERATOR PRESENCE SEAT SWITCH	NOT SHOWN SEPARATELY
4	303824	VARIO LIGHT BRACKET NUTSERTED ASSEMBLY	
5	212997	6MM X 12MM X 12METERS ROLL INSEAL	
6	321413	CURTIS MULTIVOTAGE XENON BEACON & LEAD ASSEMBLY	
	208164	LIGHT AMBER LENS	NOT SHOWN SEPARATELY
	208165	LIGHT BULB	NOT SHOWN SEPARATELY
	208166	LIGHT MOUNTING RING	NOT SHOWN SEPARATELY
7	219005	M5 FORM G WASHER	
8	219047	M5 X 10MM LONG POZI PAN SEMS SCREW	
9	229836	TTV SEPARATOR MOULDING	
10	229494	CLIP MOULDING	
11	219049	M5 X 12MM LONG POZI PAN SCREW	
12	391209	1225MM LONG SEALING STRIP	
13	237526	38MM RED DRAIN HOSE CONNECTOR	
14	237018	38MM DRAIN HOSE CONNECTOR	
15	219310	RUBBER WASHER	
16	206116	BLACK NUT	
17	206265	TT/B 345 BARREL FILTER	
18	237021	VARIO 3 STAGE BACK DOOR MOULDING	
19	303886	NUTSERTED 3 STAGE MOTOR PLATE	
20	303880	24V PERIPHERAL 3-STAGE VAC MOTOR & TERMINAL ASSEMBLY	
21	202008	MOTOR CAP GASKET	
22	219647	M6 FORM G STAINLESS STEEL WASHER	
23	219642	M6 STAINLESS STEEL NYLON INSERT NUT	
24	220114	2 WAY TERMINAL BLOCK	
25	219206	M4 FORM A WASHER	
26	21990V	M4 X 20MM LONG POZI PAN SCREW	
27	237382	ACETAL HOSE CLIP MOULDING	
28	219003	M5 FORM A STEEL WASHER	
29	219016	M5 SHAKEPROOF WASHER	
30	219008	M6 FORM G WASHER	
31	219544	M6 SHAKEPROOF WASHER	
32	219268	M6 X 35MM LONG POZI PAN SCREW	
33	206818	HOSE CLIP	
34	213047	38MM X 470MM LONG 3:1 STRETCH HOSE C/W CAP & STRAP	
35	206209	A.B.A HOSE CLIP	
36	213025	600MM - 630MM LONG DUMP HOSE ASSEMBLY	
37	206111	HOSE CLOSURE	
38	219674	30/40MM DIAMETER STAINLESS STEEL JUBILEE CLIP	
39	208192	38MM FLOOR TOOL SUCTION HOSE (1900MM LONG)	
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41	219919	32MM-50MM STAINLESS STEEL HOSE CLIP	
42	329904	RIDE-ON SQUEEGEE STORAGE BRACKET	
43	206439	TANK FILTER	
44	219631	19MM GROMMET	
45	329987	MOTOR BRACKET	
46	237032	>TPE< 3 STAGE MOTOR GASKET	
47	219569	No8 X 1/2 INCH LONG POZI PAN STAINLESS STEEL PLASTITE SCREW	
48	219646	M6 X 16MM LONG POZI PAN STAINLESS STEEL SCREW	
49	329989	SILENCER BOX	
50	219740	M5 X 12MM LONG STAINLESS STEEL POZI PAN SCREW	
51	219618	M6 X 16MM LONG POZI PAN SCREW	
52	208274	SILENCER FOAM	
53	392019	SILENCER SHROUD	
54	219680	GROMMET	
55	404194	SEAT PLATE WELD ASSEMBLY PAINT SILVER GREY	
56	221154	M8 FORM C WASHER	
57	219078	M8 NYLON INSERT NUT	
58	304477	TRO NUTSERTED TOP TANK FUSE PLATE	
59	230102	FUSE HOLDER RATED AT 60 AMPS	
60	219045	M5 X 16MM LONG POZI PAN SEMS SCREW	
61	221047	40 AMP MAXI FUSE	
62	208802	MAXI-FUSE HOLDER COVER	
63	208143	20MM GROMMET X 6MM PANEL THICKNESS	
64	219864	M5 X 8MM LONG POZI PAN SCREW	
65	219648	M5 SINGLE COIL WASHER	

Numatic International Spare Parts

Model No: TTV678 & TRO650 TOP TANK / LIGHT / VAC POD & HOSE ASSEMBLY

NB: FOR WIRING SEE DRAWING: WD-0359, DRW-15631, DRW-13416, DRW-14741



Numatic International Spare Parts

Model No: TTV678 & TRO650 TOP TANK / LIGHT / VAC POD & HOSE ASSEMBLY

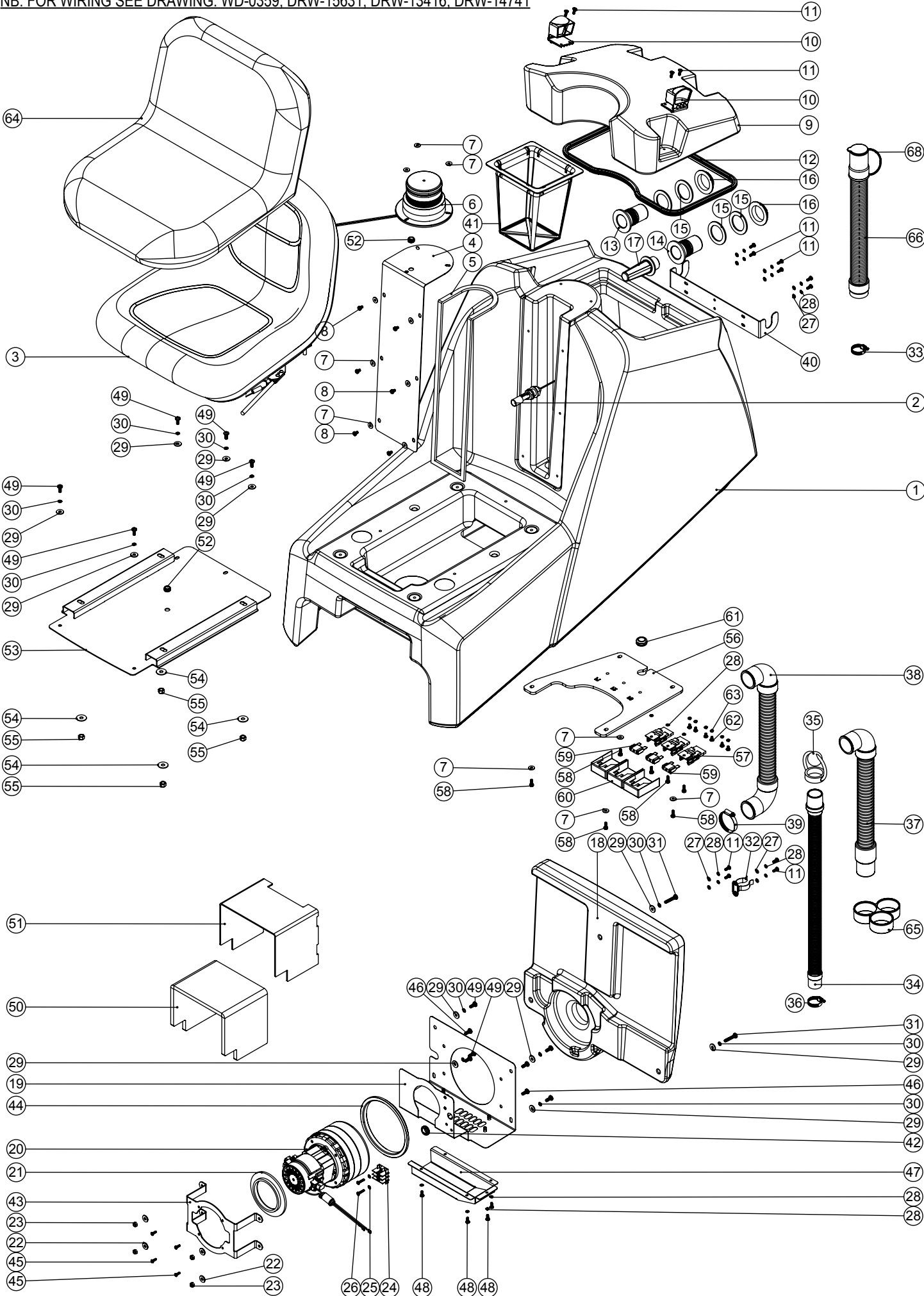
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	208165	LIGHT BULB	NOT SHOWN SEPARATELY
	208166	LIGHT MOUNTING RING	NOT SHOWN SEPARATELY
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8	219047	M5 X 10MM LONG POZI PAN SEMS SCREW	
9	229836	TTV SEPARATOR MOULDING	
10	229494	CLIP MOULDING	
11	219049	M5 X 12MM LONG POZI PAN SCREW	
12	391209	1225MM LONG SEALING STRIP	
13	237526	38MM RED DRAIN HOSE CONNECTOR	
14	237018	38MM DRAIN HOSE CONNECTOR	
15	219310	RUBBER WASHER	
16	206116	BLACK NUT	
17	206265	TT/B 345 BARREL FILTER	
18	237021	VARIO 3 STAGE BACK DOOR MOULDING	
19	303886	NUTSERTED 3 STAGE MOTOR PLATE	
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30	219008	M6 FORM G WASHER	
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42	329904	RIDE-ON SQUEEGEE STORAGE BRACKET	
43	206439	TANK FILTER	
44	219631	19MM GROMMET	
45	329987	MOTOR BRACKET	
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50	219740	M5 X 12MM LONG STAINLESS STEEL POZI PAN SCREW	
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52	208274	SILENCER FOAM	
53	392019	SILENCER SHROUD	
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57	219078	M8 NYLON INSERT NUT	
58	304477	TRO NUTSERTED TOP TANK FUSE PLATE	
59	230102	FUSE HOLDER RATED AT 60 AMPS	
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61	221047	40 AMP MAXI FUSE	
62	208802	MAXI-FUSE HOLDER COVER	
63	208143	20MM GROMMET X 6MM PANEL THICKNESS	
64	219864	M5 X 8MM LONG POZI PAN SCREW	
65	219648	M5 SINGLE COIL WASHER	
66	280001	VARIO SEAT COVER	

Numatic International Spare Parts

Model No: TTV678 & TRO650 TOP TANK / LIGHT / VAC POD & HOSE ASSEMBLY

234612
DRAWING: EXP-1040 ISS:A12
18/02/2015

NB: FOR WIRING SEE DRAWING: WD-0359, DRW-15631, DRW-13416, DRW-14741



Numatic International Spare Parts

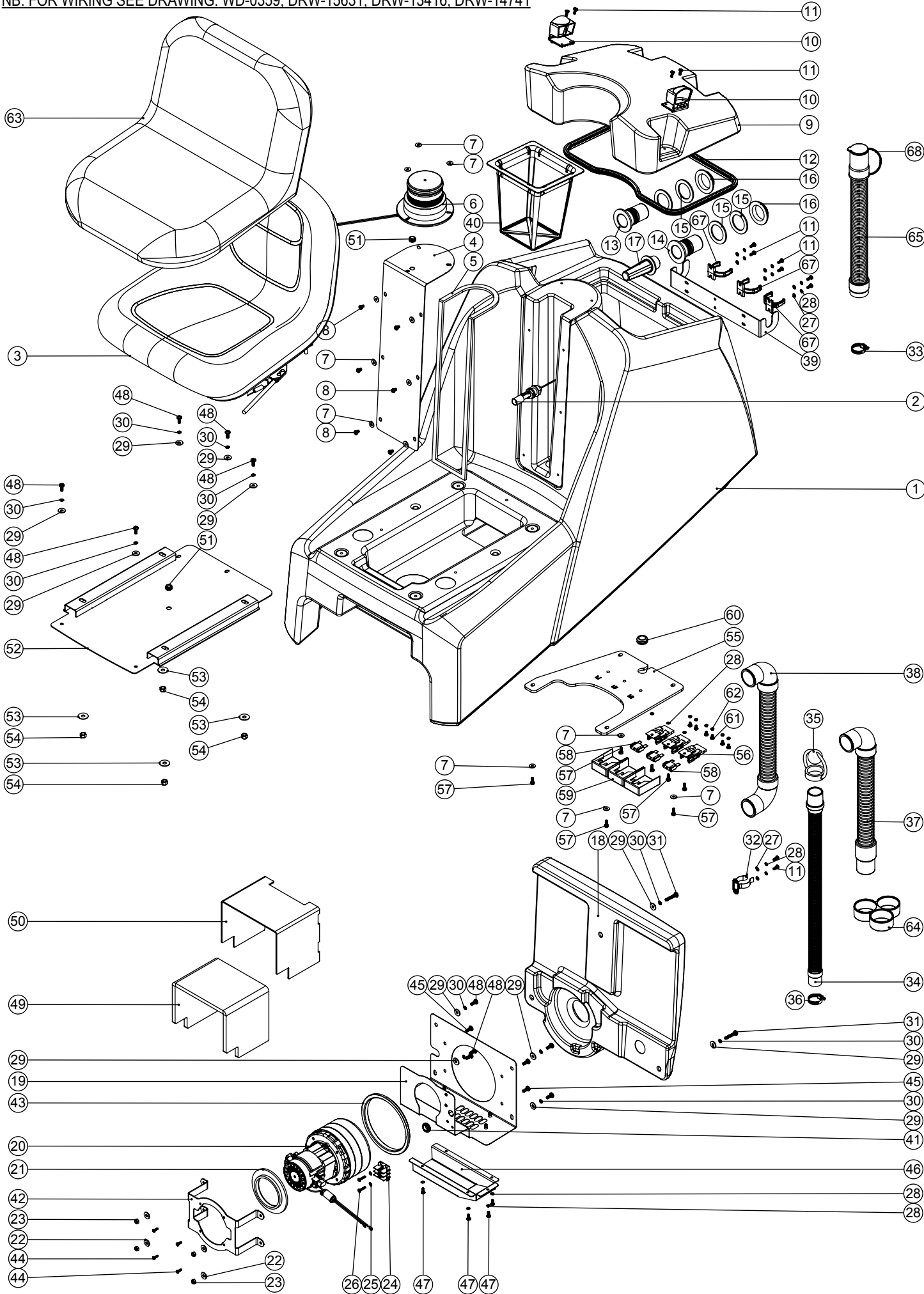
Model No: TTV678 & TRO650 TOP TANK / LIGHT / VAC POD & HOSE ASSEMBLY

ITEM:	PART No:	DESCRIPTION	COMMENTS:
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5	212997	6MM X 12MM X 12METERS ROLL INSEAL	
6	321413	CURTIS MULTIVOTAGE XENON BEACON & LEAD ASSEMBLY	
	208164	LIGHT AMBER LENS	NOT SHOWN SEPARATELY
	208165	LIGHT BULB	NOT SHOWN SEPARATELY
	208166	LIGHT MOUNTING RING	NOT SHOWN SEPARATELY
7	219005	M5 FORM G WASHER	
8	219047	M5 X 10MM LONG POZI PAN SEMS SCREW	
9	229836	TTV SEPARATOR MOULDING	
10	229494	CLIP MOULDING	
11	219049	M5 X 12MM LONG POZI PAN SCREW	
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13	237526	38MM RED DRAIN HOSE CONNECTOR	
14	237018	38MM DRAIN HOSE CONNECTOR	
15	219310	RUBBER WASHER	
16	206116	BLACK NUT	
17	206265	TT/B 345 BARREL FILTER	
18	237021	VARIO 3 STAGE BACK DOOR MOULDING	
19	303886	NUTSERTED 3 STAGE MOTOR PLATE	
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22	219647	M6 FORM G STAINLESS STEEL WASHER	
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24	220114	2 WAY TERMINAL BLOCK	
25	219206	M4 FORM A WASHER	
26	21990V	M4 X 20MM LONG POZI PAN SCREW	
27	219003	M5 FORM A STEEL WASHER	
28	219016	M5 SHAKEPROOF WASHER	
29	219008	M6 FORM G WASHER	
30	219544	M6 SHAKEPROOF WASHER	
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32	206818	HOSE CLIP	
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34	213025	600MM - 630MM LONG DUMP HOSE ASSEMBLY	
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36	219674	30/40MM DIAMETER STAINLESS STEEL JUBILEE CLIP	
37	213059	SUCTION HOSE 1480MM X Ø38MM	
38	213060	VAC HOSE 1060MM X Ø38MM	
39	219919	32MM-50MM STAINLESS STEEL HOSE CLIP	
40	329904	RIDE-ON SQUEEGEE STORAGE BRACKET	
41	206439	TANK FILTER	
42	219631	19MM GROMMET	
43	329987	MOTOR BRACKET	
44	237032	>TPE< 3 STAGE MOTOR GASKET	
45	219569	No8 X 1/2 INCH LONG POZI PAN STAINLESS STEEL PLASTITE SCREW	
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58	219045	M5 X 16MM LONG POZI PAN SEMS SCREW	
59	221047	40 AMP MAXI FUSE	
60	208802	MAXI-FUSE HOLDER COVER	
61	208143	20MM GROMMET X 6MM PANEL THICKNESS	
62	219864	M5 X 8MM LONG POZI PAN SCREW	
63	219648	M5 SINGLE COIL WASHER	
64	280001	VARIO SEAT COVER	FOR REPLACEMENT USE 604053
65	237718	HOSE GUIDE	
66	280018	35MM X 435MM LONG 3:1 STRETCH HOSE C/W CAP & STRAP(SHORT CUFF)	
67	900903	HOSE CLOSURE REPLACEMENT KIT (35MM-38MM STRETCH HOSE)	

Numatic International Spare Parts

Model No: TTV678 & TRO650 TOP TANK / LIGHT / VAC POD & HOSE ASSEMBLY

NB: FOR WIRING SEE DRAWING: WD-0359, DRW-15631, DRW-13416, DRW-14741



Internal Code: 234612
DRAWING: EXP-1040 ISS:A14
PRO 14/07/2015

Numatic International Spare Parts

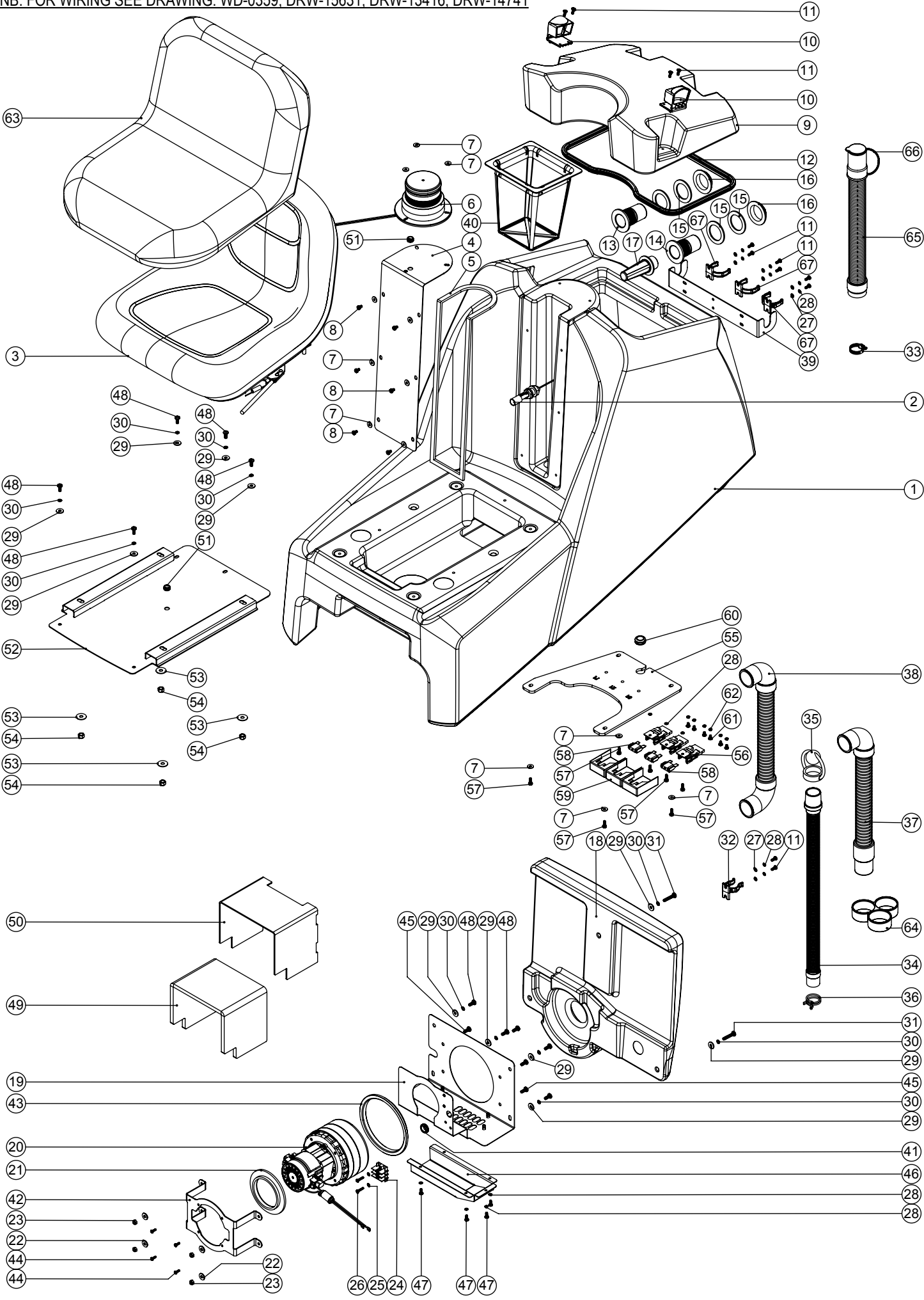
Model No: TTV678 & TRO650 TOP TANK / LIGHT / VAC POD & HOSE ASSEMBLY

ITEM:	PART No:	DESCRIPTION	COMMENTS:
1	229837	TTV TOP TANK MOULDING	
2	206944	FLOAT SWITCH	
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	208163	OPERATOR PRESENCE SEAT SWITCH	NOT SHOWN SEPARATELY
4	303824	VARIO LIGHT BRACKET NUTSERTED ASSEMBLY	
5	212997	6MM X 12MM X 12METERS ROLL INSEAL	
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16	206116	BLACK NUT	
17	206265	TT/B 345 BARREL FILTER	
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27	219003	M5 FORM A STEEL WASHER	
28	219016	M5 SHAKEPROOF WASHER	
29	219008	M6 FORM G WASHER	
30	219544	M6 SHAKEPROOF WASHER	
31	219268	M6 X 35MM LONG POZI PAN SCREW	
32	206818	HOSE CLIP	
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37	213059	SUCTION HOSE 1480MM X Ø38MM	
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39	329904	RIDE-ON SQUEEGEE STORAGE BRACKET	
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42	329987	MOTOR BRACKET	
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44	219569	No8 X 1/2 INCH LONG POZI PAN STAINLESS STEEL PLASTITE SCREW	
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49	208274	SILENCER FOAM	
50	392019	SILENCER SHROUD	
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52	404194	SEAT PLATE WELD ASSEMBLY PAINT SILVER GREY	
53	221154	M8 FORM C WASHER (Z/PL)	
54	219078	M8 NYLON INSERT NUT	
55	304477	TRO NUTSERTED TOP TANK FUSE PLATE	
56	230102	FUSE HOLDER RATED AT 60 AMPS	
57	219045	M5 X 16MM LONG POZI PAN SEMS SCREW	
58	221047	40 AMP MAXI FUSE	
59	208802	MAXI-FUSE HOLDER COVER	
60	208143	20MM GROMMET X 6MM PANEL THICKNESS	
61	219864	M5 X 8MM LONG POZI PAN SCREW	
62	219648	M5 SINGLE COIL WASHER	
63	280001	VARIO SEAT COVER	FOR REPLACEMENT USE 604053
64	237718	HOSE GUIDE	
65	280018	35MM X 435MM LONG 3:1 STRETCH HOSE C/W CAP & STRAP(SHORT CUFF)	
66	900903	HOSE CLOSURE REPLACEMENT KIT (35MM-38MM STRETCH HOSE)	
67	237754	35-38MM HOSE CLIP	

Numatic International Spare Parts

Model No: TTV678 & TRO650 TOP TANK / LIGHT / VAC POD & HOSE ASSEMBLY

NB: FOR WIRING SEE DRAWING: WD-0359, DRW-15631, DRW-13416, DRW-14741



Internal Code: 234612
DRAWING: EXP-1040 ISS:A17
PRO 04/02/2016

Numatic International Spare Parts

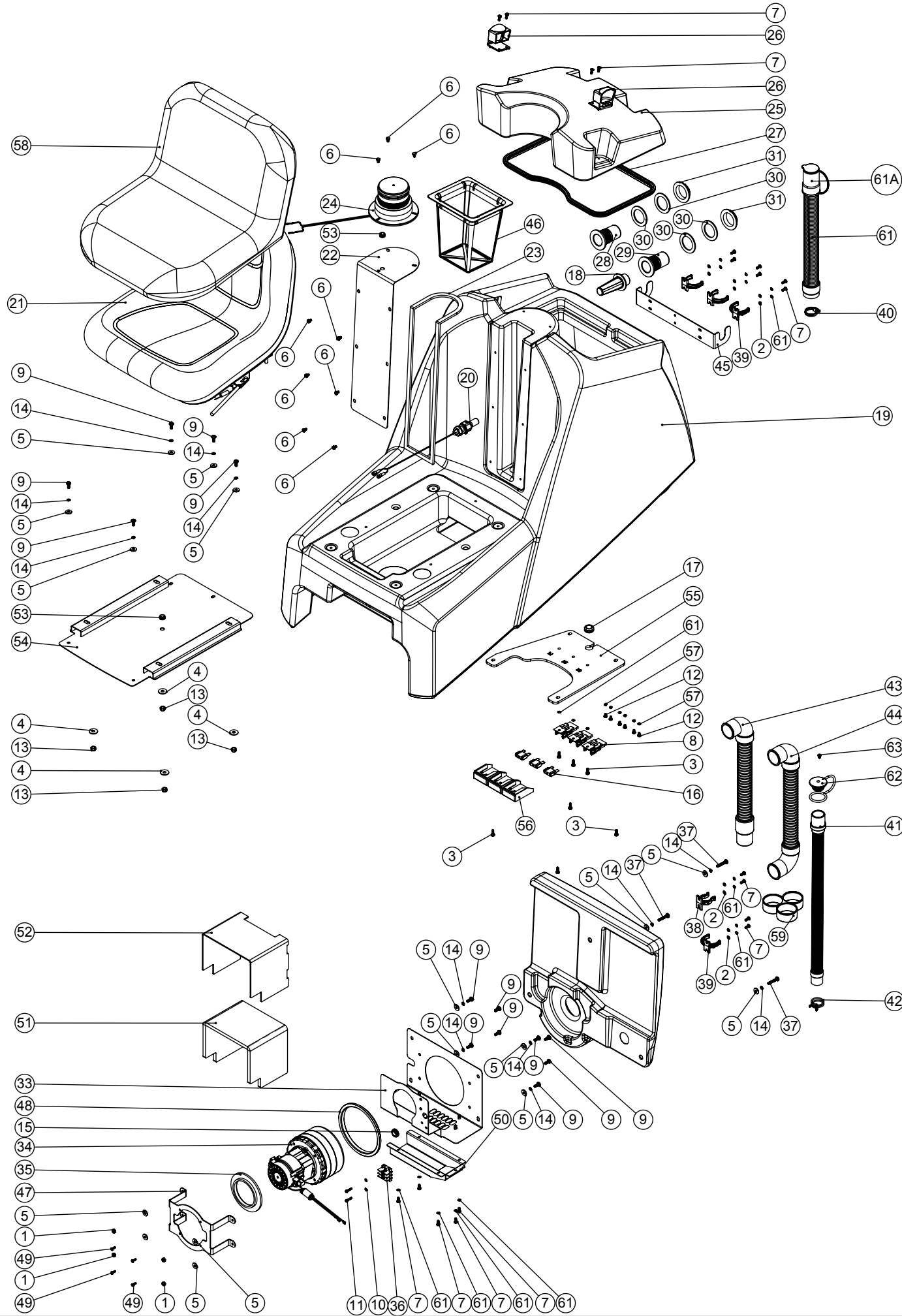
Model No: TTV678 & TRO650 TOP TANK / LIGHT / VAC POD & HOSE ASSEMBLY

ITEM:	PART No:	DESCRIPTION	COMMENTS:	QTY
1	229837	TTV TOP TANK MOULDING		1
2	206944	FLOAT SWITCH		1
3	206934	MILSCO MID BACK SEAT		1
	208163	OPERATOR PRESENCE SEAT SWITCH	NOT SHOWN SEPARATELY	1
4	303824	VARIO LIGHT BRACKET NUTSERTEED ASSEMBLY		1
5	212997	6MM X 12MM X 12METERS ROLL INSEAL		1
6	321413	CURTIS MULTIVOTAGE XENON BEACON & LEAD ASSEMBLY		1
	208164	LIGHT AMBER LENS	NOT SHOWN SEPARATELY	1
	208165	LIGHT BULB	NOT SHOWN SEPARATELY	1
	208166	LIGHT MOUNTING RING	NOT SHOWN SEPARATELY	1
7	219005	M5 FORM G WASHER		13
8	219047	M5 X 10MM LONG POZI PAN SEMS SCREW		6
9	229836	TTV SEPARATOR MOULDING		1
10	229494	CLIP MOULDING		2
11	219049	M5 X 12MM LONG POZI PAN SCREW		12
12	391209	1225MM LONG SEALING STRIP		1
13	237526	38MM RED DRAIN HOSE CONNECTOR		1
14	237018	38MM DRAIN HOSE CONNECTOR		1
15	219310	RUBBER WASHER		4
16	206116	BLACK NUT		2
17	206265	TT/B 345 BARREL FILTER		1
18	237021	VARIO 3 STAGE BACK DOOR MOULDING		1
19	303886	NUTSERTEED 3 STAGE MOTOR PLATE		1
20	303880	24V PERIPHERAL 3-STAGE VAC MOTOR & TERMINAL ASSEMBLY		1
21	202008	MOTOR CAP GASKET		1
22	219647	M6 FORM G STAINLESS STEEL WASHER		4
23	219642	M6 STAINLESS STEEL NYLON INSERT NUT		4
24	220114	2 WAY TERMINAL BLOCK		1
25	219206	M4 FORM A WASHER		2
26	21990V	M4 X 20MM LONG POZI PAN SCREW		2
27	219003	M5 FORM A STEEL WASHER		8
28	219016	M5 SHAKEPROOF WASHER		16
29	219008	M6 FORM G WASHER		12
30	219544	M6 SHAKEPROOF WASHER		12
31	219268	M6 X 35MM LONG POZI PAN SCREW		3
32	901916	28mm HOSE CLIP		1
33	206209	A.B.A HOSE CLIP		1
34	213025	DUMP HOSE		1
35	206111	HOSE CLOSURE		1
36	902133	SPRING WIRE CLAMP (YDNAC-Y8010356)		1
37	213059	SUCTION HOSE 1480MM X Ø38MM		1
38	213060	VAC HOSE 1060MM X Ø38MM		1
39	329904	RIDE-ON SQUEEGEE STORAGE BRACKET		1
40	206439	TANK FILTER		1
41	219631	19MM GROMMET		1
42	329987	MOTOR BRACKET		1
43	237032	>TPE< 3 STAGE MOTOR GASKET		1
44	219569	NO8.1/2 INCH. LG.POZI-PAN.SCREW.STAINLESS STEEL.PLASTITE		4
45	219646	M6 X 16MM LONG POZI PAN STAINLESS STEEL SCREW		4
46	329989	SILENCER BOX		1
47	219740	M5 X 12MM LONG STAINLESS STEEL POZI PAN SCREW		5
48	219618	M6 X 16MM LONG POZI PAN SCREW		9
49	208274	SILENCER FOAM		1
50	392019	SILENCER SHROUD		1
51	219680	GROMMET		2
52	404194	SEAT PLATE WELD ASSEMBLY PAINT SILVER GREY		1
53	221154	M8 FORM C WASHER (Z/PL)		4
54	219078	NUT.M8.NYLON INSERT.Z/PL		4
55	304477	TRO NUTSERTEED TOP TANK FUSE PLATE		1
56	230102	FUSE HOLDER RATED AT 60 AMPS		3
57	219045	M5 X 16MM LONG POZI PAN SEMS SCREW		7
58	221047	40 AMP MAXI FUSE		3
59	208802	MAXI-FUSE HOLDER COVER		3
60	208143	20MM GROMMET X 6MM PANEL THICKNESS		1
61	219864	M5 X 8MM LONG POZI-PAN SCREW Z/PL		6
62	219648	WASHER.M5.SINGLE COIL.Z/PL		6
63	280001	VARIO SEAT COVER	FOR REPLACEMENT USE 604053	1
64	237718	HOSE GUIDE		1
65	280018	35MM X 435MM LONG 3:1 STRETCH HOSE C/W CAP & STRAP(SHORT CUFF)		1
66	900903	HOSE CLOSURE REPLACEMENT KIT (35MM-38MM STRETCH HOSE)		1
67	237754	35-38MM HOSE CLIP		3

Numatic International Spare Parts

Model No: TTV678/300 AND TRO650 TOP TANK / LIGHT / VAC POD & HOSE ASSEMBLY EXPLODED DRAWING

NB: FOR WIRING SEE DRAWING: WD-0359, DRW-15631, DRW-13416, DRW-14741



Internal Code: 905584
DRAWING: DRW-24948 ISS:A09
PRO 15/09/2017

Numatic International Spare Parts

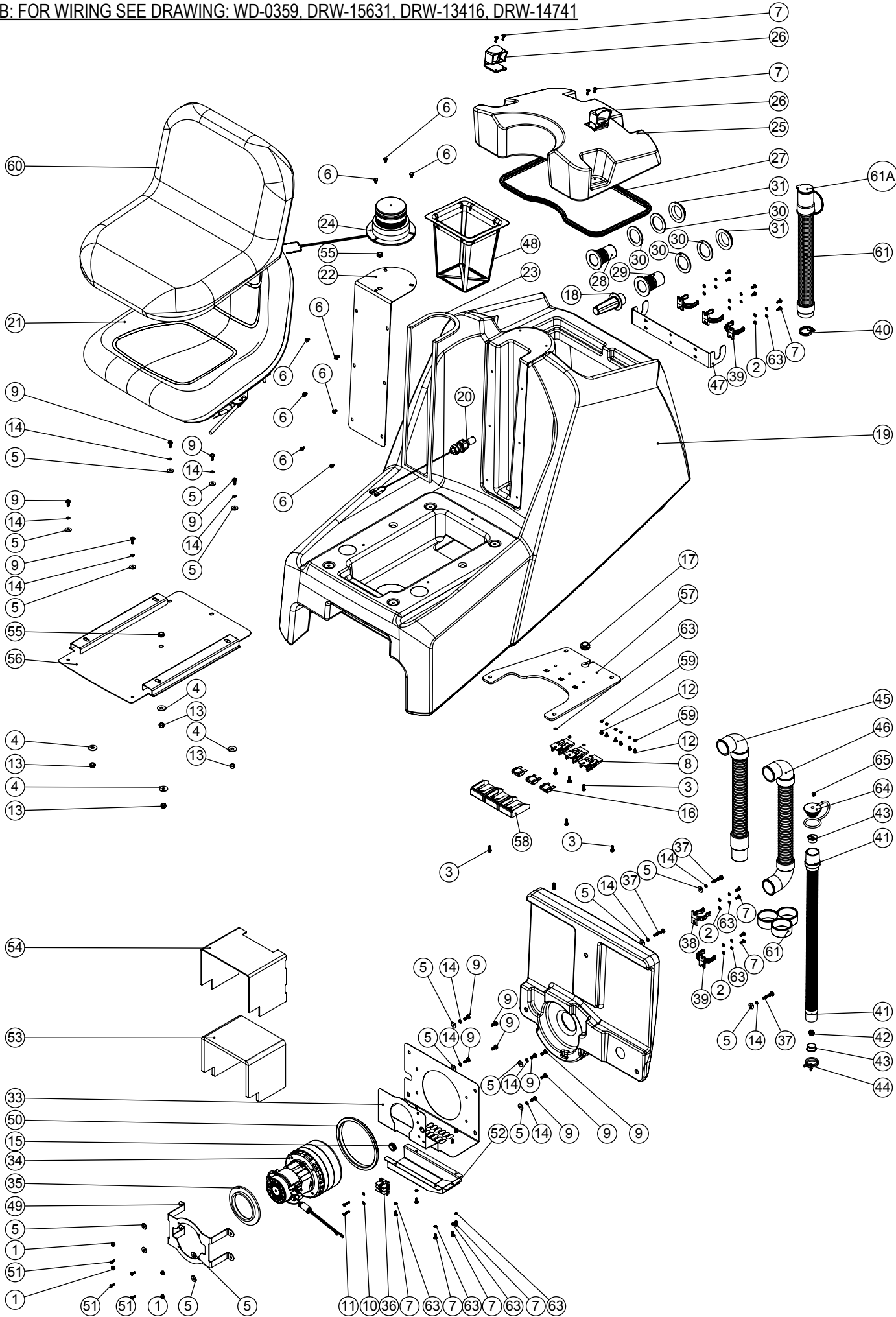
Model No: TTV678/300 AND TRO650 TOP TANK / LIGHT / VAC POD & HOSE ASSEMBLY EXPLODED DRAWING

POS.	ITEM NO.	DESCRIPTION	COMMENTS	QTY.
1	219642	M6 STAINLESS STEEL NYLON INSERT NUT		4
2	219355	M5 FORM A STAINLESS STEEL WASHER		10
3	291132	M5 X 16MM LONG STAINLESS STEEL POZI PAN SEMS SCREW		7
4	219716	M8 FORM G STAINLESS STEEL WASHER		4
5	219647	M6 FORM G STAINLESS STEEL WASHER		16
6	291135	M5 X 10MM LONG STAINLESS STEEL POZI PAN SEMS SCREW		9
7	219740	M5 X 12MM LONG STAINLESS STEEL POZI PAN SCREW		19
8	230102	FUSE HOLDER RATED AT 60 AMPS		3
9	219646	M6 X 16MM LONG POZI PAN STAINLESS STEEL SCREW		13
10	219688	M4 FORM A STAINLESS STEEL WASHER		2
11	219686	M4 X 20MM LONG STAINLESS STEEL POZI PAN MACHINE SCREW		2
12	902896	M5 X 8 A4 S/ST PZ PAN HD M/SCREW		6
13	219639	M8 STAINLESS STEEL NYLON INSERT NUT		4
14	291060	WASHER M6 SHAKEPROOF STAINLESS STEEL		12
15	219631	19MM GROMMET		1
16	221047	40 AMP MAXI FUSE		3
17	208143	20MM GROMMET X 6MM PANEL THICKNESS		1
18	206265	TT/B 345 BARREL FILTER		1
19	229837	TTV TOP TANK MOULDING		1
20	206944	FLOAT SWITCH		1
21	206934	MILSCO MID BACK SEAT		1
	208163	OPERATOR PRESANCE SEAT SWITCH	NOT SHOWN SEPARATELY	
22	303824	VARIO LIGHT BRACKET NUTSERTED ASSEMBLY		1
23	212997	6MM X 12MM X 12METERS ROLL INSEAL		1
24	321413	CURTIS MULTIVOTAGE XENON BEACON & LEAD ASSEMBLY		1
	208164	LIGHT AMBER LENS	NOT SHOWN SEPARATELY	
	208165	LIGHT BULB	NOT SHOWN SEPARATELY	
	208166	LIGHT MOUNTING RING	NOT SHOWN SEPARATELY	
25	229836	TTV SEPARATOR MOULDING		1
26	229494	CLIP MOULDING		2
27	391209	1225MM LONG SEALING STRIP		1
28	237526	38MM RED DRAIN HOSE CONNECTOR		1
29	237018	38MM DRAIN HOSE CONNECTOR		1
30	219310	RUBBER WASHER		4
31	206116	BLACK NUT		2
32	237021	VARIO 3 STAGE BACK DOOR MOULDING		1
33	303886	NUTSERTED 3 STAGE MOTOR PLATE		1
34	303880	24V PERIPHERAL 3-STAGE VAC MOTOR & TERMINAL ASSEMBLY		1
35	202008	MOTOR CAP GASKET		1
36	220114	2 WAY TERMINAL BLOCK		1
37	219643	M6 X 35MM LONG STAINLESS STEEL POZI PAN SCREW		3
38	901916	28mm HOSE CLIP		1
39	237754	35-38MM HOSE CLIP		4
40	206209	A.B.A HOSE CLIP		1
41	213025	DUMP HOSE - (Part # 903977 is Complete Hose assy. w/41,62,63)		1
42	902133	SPRING WIRE CLAMP (YDNAC-Y8010356)		1
43	213059	SUCTION HOSE 1480MM X Ø38MM		1
44	213060	VAC HOSE 1060MM X Ø38MM		1
45	329904	RIDE-ON SQUEEGEE STORAGE BRACKET		1
46	206439	TANK FILTER		1
47	329987	MOTOR BRACKET		1
48	237032	>TPE< 3 STAGE MOTOR GASKET		1
49	219569	NO8.1/2 INCH. LG.POZI-PAN.SCREW.STAINLESS STEEL.PLASTITE		4
50	329989	SILENCER BOX		1
51	208274	SILENCER FOAM		1
52	392019	SILENCER SHROUD		1
53	219680	GROMMET		2
54	304460	SEAT PLATE WELD ASSEMBLY PAINT SILVER GREY		1
55	304477	TRO NUTSERTED TOP TANK FUSE PLATE		1
56	208802	MAXI-FUSE HOLDER COVER		3
57	219861	M5 SINGLE COIL STAINLESS STEEL WASHER		6
58	280001	VARIO SEAT COVER	FOR REPLACEMENT USE 604053	1
59	237718	HOSE GUIDE		1
61	280018	35MM X 435MM LONG 3:1 STRETCH HOSE C/W CAP & STRAP(SHORT CUFF)		1
61A	900903	HOSE CLOSURE REPLACEMENT KIT (25MM-38MM STRETCH HOSE)		1
61	291084	WASHER.M5.SHAKEPROOF.STAINLESS STEEL		18
62	903341	32MM HOSE CAP RED (C/W 8MM HOLE)		1
63	904403	BARBED RIVET BLACK		1

Numatic International Spare Parts

Model No: TTV678/300 AND TRO650 TOP TANK / LIGHT / VAC POD & HOSE ASSEMBLY EXPLODED DRAWING

NB: FOR WIRING SEE DRAWING: WD-0359, DRW-15631, DRW-13416, DRW-14741



Internal Code: 905584
DRAWING: DRW-24948 ISS:A11
PRO 16/10/2017

Numatic International Spare Parts

Model No: TTV678/300 AND TRO650 TOP TANK / LIGHT / VAC POD & HOSE ASSEMBLY EXPLODED DRAWING

ITEM	PART NO.	DESCRIPTION	COMMENTS	QTY.
1	219642	M6 STAINLESS STEEL NYLON INSERT NUT		4
2	219355	M5 FORM A STAINLESS STEEL WASHER		10
3	291132	M5 X 16MM LONG STAINLESS STEEL POZI PAN SEMS SCREW		7
4	219716	M8 FORM G STAINLESS STEEL WASHER		4
5	219647	M6 FORM G STAINLESS STEEL WASHER		16
6	291135	M5 X 10MM LONG STAINLESS STEEL POZI PAN SEMS SCREW		9
7	219740	M5 X 12MM LONG STAINLESS STEEL POZI PAN SCREW		19
8	230102	FUSE HOLDER RATED AT 60 AMPS		3
9	219646	M6 X 16MM LONG POZI PAN STAINLESS STEEL SCREW		13
10	219688	M4 FORM A STAINLESS STEEL WASHER		2
11	219686	M4 X 20MM LONG STAINLESS STEEL POZI PAN MACHINE SCREW		2
12	902896	M5 X 8 A4 S/ST PZ PAN HD M/SCREW		6
13	219639	M8 STAINLESS STEEL NYLON INSERT NUT		4
14	291060	WASHER M6 SHAKEPROOF STAINLESS STEEL		12
15	219631	19MM GROMMET		1
16	221047	40 AMP MAXI FUSE		3
17	208143	20MM GROMMET X 6MM PANEL THICKNESS		1
18	206265	TT/B 345 BARREL FILTER		1
19	237337	TTV TOP TANK MOULDING (GRAPHITE)	BLUE VERSION 229837	1
20	206944	FLOAT SWITCH		1
21	206934	MILSCO MID BACK SEAT		1
	208163	OPERATOR PRESANCE SEAT SWITCH	NOT SHOWN SEPARATELY	1
22	303824	VARIO LIGHT BRACKET NUTSERTED ASSEMBLY		1
23	212997	6MM X 12MM X 12METERS ROLL INSEAL		1
24	321413	CURTIS MULTIVOTAGE XENON BEACON & LEAD ASSEMBLY		1
	208164	LIGHT AMBER LENS	NOT SHOWN SEPARATELY	1
	208165	LIGHT BULB	NOT SHOWN SEPARATELY	1
	208166	LIGHT MOUNTING RING	NOT SHOWN SEPARATELY	1
25	237336	TTV SEPARATOR MOULDING (GRAPHITE)	BLUE VERSION 229836	1
26	902919	CLIP MOULDING (RED)	GRAPHITE VERSION 229494	2
27	391209	1225MM LONG SEALING STRIP		1
28	237526	38MM RED DRAIN HOSE CONNECTOR		1
29	237018	38MM DRAIN HOSE CONNECTOR		1
30	219310	RUBBER WASHER		4
31	206116	BLACK NUT		2
32	237021	VARIO 3 STAGE BACK DOOR MOULDING		1
33	303886	NUTSERTED 3 STAGE MOTOR PLATE		1
34	303880	24V PERIPHERAL 3-STAGE VAC MOTOR & TERMINAL ASSEMBLY		1
35	202008	MOTOR CAP GASKET		1
36	220114	2 WAY TERMINAL BLOCK		1
37	219643	M6 X 35MM LONG STAINLESS STEEL POZI PAN SCREW		3
38	901916	28mm HOSE CLIP		1
39	237754	35-38MM HOSE CLIP		4
40	206209	A.B.A HOSE CLIP		1
41	213025	DUMP HOSE - (Part # 903977 is Complete Hose assy. w/41,65,64,43,42)		1
42	904109	FLOAT MOULDING		1
43	904108	FLOAT STOP MOULDING		2
44	902133	SPRING WIRE CLAMP (YDNAC-Y8010356)		1
45	213059	SUCTION HOSE 1480MM X Ø38MM		1
46	213060	VAC HOSE 1060MM X Ø38MM		1
47	329904	RIDE-ON SQUEEGEE STORAGE BRACKET		1
48	206439	TANK FILTER		1
49	329987	MOTOR BRACKET		1
50	237032	>TPE< 3 STAGE MOTOR GASKET		1
51	219569	NO8.1/2 INCH. LG.POZI-PAN.SCREW.STAINLESS STEEL.PLASTITE		4
52	329989	SILENCER BOX		1
53	208274	SILENCER FOAM		1
54	392019	SILENCER SHROUD		1
55	219680	GROMMET		2
56	304460	SEAT PLATE WELD ASSEMBLY PAINT SILVER GREY		1
57	304477	TRO NUTSERTED TOP TANK FUSE PLATE		1
58	208802	MAXI-FUSE HOLDER COVER		3
59	219861	M5 SINGLE COIL STAINLESS STEEL WASHER		6
60	280001	VARIO SEAT COVER	FOR REPLACEMENT USE 604053	1
61	237718	HOSE GUIDE		1
61	280018	35MM X 435MM LONG 3:1 STRETCH HOSE C/W CAP & STRAP(SHORT CUFF)		1
61A	900903	HOSE CLOSURE REPLACEMENT KIT (25MM-38MM STRETCH HOSE)		1
63	291084	WASHER.M5.SHAKEPROOF.STAINLESS STEEL		18
64	903341	32MM HOSE CAP RED (C/W 8MM HOLE)		1
65	904403	BARBED RIVET BLACK		1

Numatic International Spare Parts

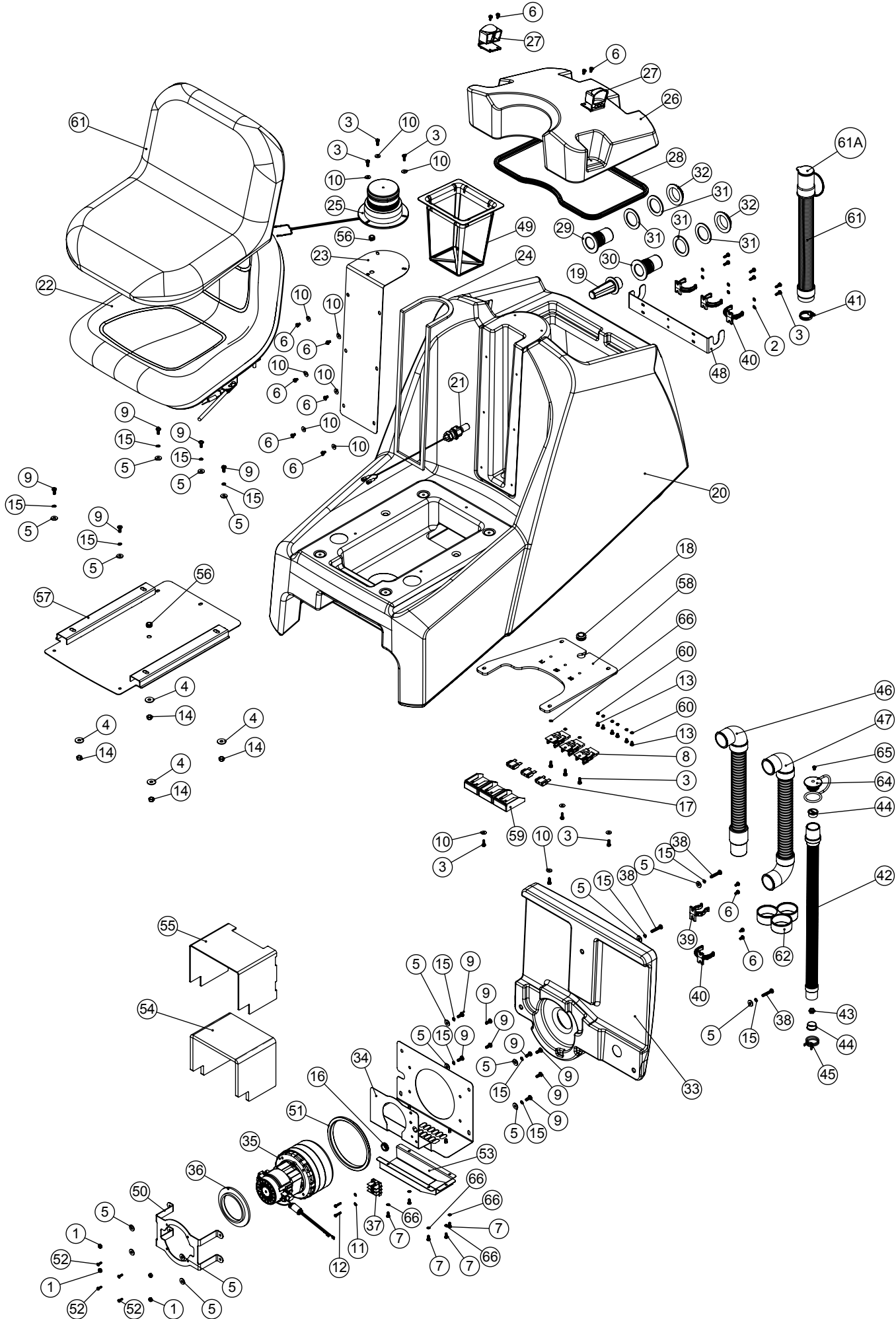
Model No: TTV678/300 AND TRO650 TOP TANK / LIGHT / VAC POD & HOSE ASSEMBLY EXPLODED DRAWING

NB: FOR WIRING SEE DRAWING: WD-0359, DRW-15631, DRW-13416, DRW-14741

Internal Code: 905584

DRAWING: DRW-24948 ISS:A15

PRO 19/04/2018



Numatic International Spare Parts

Model No: TTV678/300 AND TRO650 TOP TANK / LIGHT / VAC POD & HOSE ASSEMBLY EXPLODED DRAWING

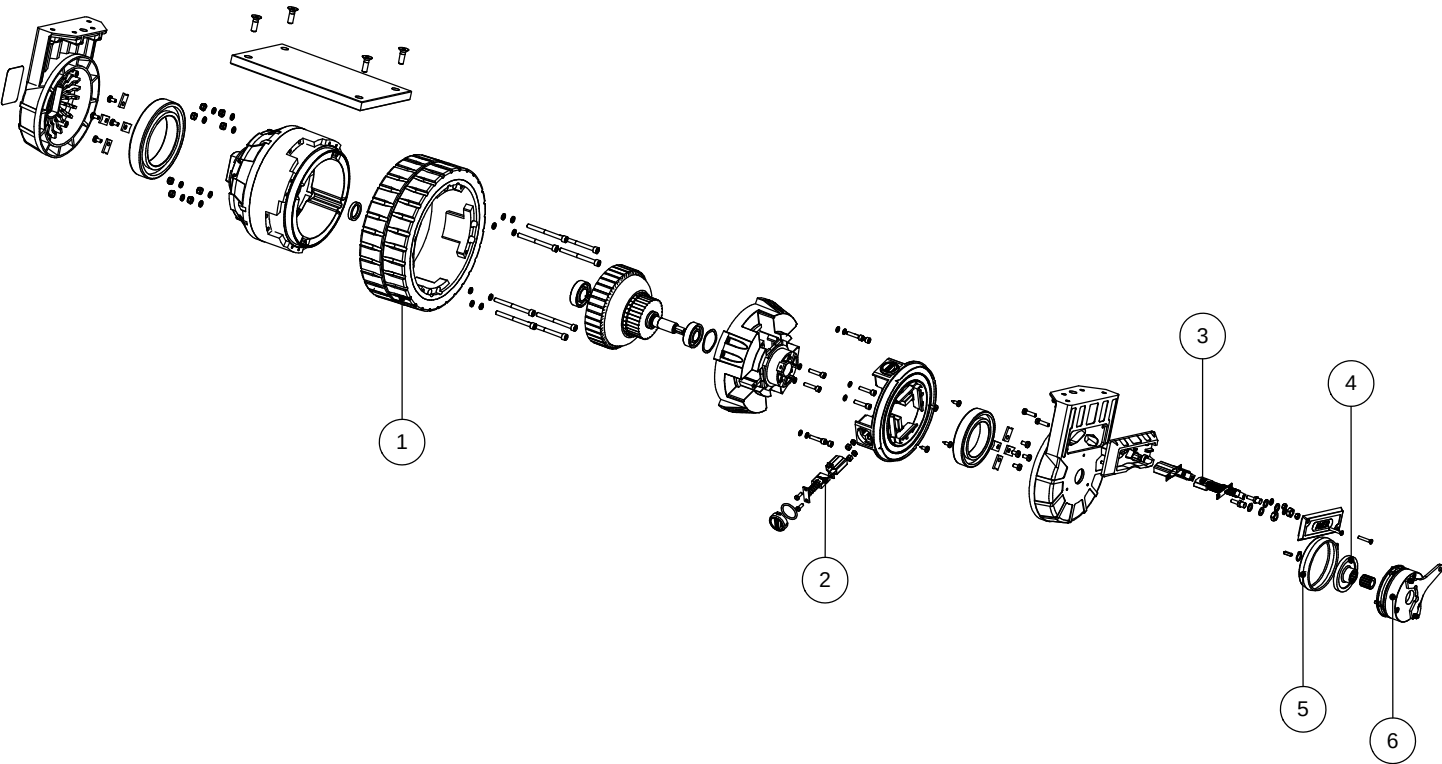
ITEM	PART NO.	DESCRIPTION	COMMENTS	QTY.
1	219642	M6 STAINLESS STEEL NYLON INSERT NUT		4
2	219355	M5 FORM A STAINLESS STEEL WASHER		6
3	291132	M5 X 16MM LONG STAINLESS STEEL POZI PAN SEMS SCREW		16
4	219716	M8 FORM G STAINLESS STEEL WASHER		4
5	219647	M6 FORM G STAINLESS STEEL WASHER		16
6	291135	M5 X 10MM LONG STAINLESS STEEL POZI PAN SEMS SCREW		14
7	219740	M5 X 12MM LONG STAINLESS STEEL POZI PAN SCREW		5
8	230102	FUSE HOLDER RATED AT 60 AMPS		3
9	219646	M6 X 16MM LONG POZI PAN STAINLESS STEEL SCREW		13
10	219644	M5 FORM G STAINLESS STEEL WASHER		13
11	219688	M4 FORM A STAINLESS STEEL WASHER		2
12	219686	M4 X 20MM LONG STAINLESS STEEL POZI PAN MACHINE SCREW		2
13	902896	M5 X 8 A4 S/ST PZ PAN HD M/SCREW		6
14	219639	M8 STAINLESS STEEL NYLON INSERT NUT		4
15	291060	WASHER M6 SHAKEPROOF STAINLESS STEEL		12
16	219631	19MM GROMMET		1
17	221047	40 AMP MAXI FUSE		3
18	208143	20MM GROMMET X 6MM PANEL THICKNESS		1
19	206265	TT/B 345 BARREL FILTER		1
20	237337	TTV TOP TANK MOULDING (GRAPHITE)	BLUE VERSION 229837	1
21	206944	FLOAT SWITCH		1
22	206934	MILSCO MID BACK SEAT		1
	208163	OPERATOR PRESANCE SEAT SWITCH	NOT SHOWN SEPARATELY	1
23	303824	VARIO LIGHT BRACKET NUTSERTED ASSEMBLY		1
24	212997	6MM X 12MM X 12METERS ROLL INSEAL		1
25	321413	CURTIS MULTIVOTAGE XENON BEACON & LEAD ASSEMBLY		1
	208164	LIGHT AMBER LENS	NOT SHOWN SEPARATELY	1
	208165	LIGHT BULB	NOT SHOWN SEPARATELY	1
	208166	LIGHT MOUNTING RING	NOT SHOWN SEPARATELY	1
26	237336	TTV SEPARATOR MOULDING (GRAPHITE)	BLUE VERSION 229836	1
27	902919	CLIP MOULDING (RED)	GRAPHITE VERSION 229494	2
28	391209	1225MM LONG SEALING STRIP		1
29	237526	38MM RED DRAIN HOSE CONNECTOR		1
30	237018	38MM DRAIN HOSE CONNECTOR		1
31	219310	RUBBER WASHER		4
32	206116	BLACK NUT		2
33	237021	VARIO 3 STAGE BACK DOOR MOULDING		1
34	303886	NUTSERTED 3 STAGE MOTOR PLATE		1
35	303880	24V PERIPHERAL 3-STAGE VAC MOTOR & TERMINAL ASSEMBLY		1
36	202008	MOTOR CAP GASKET		1
37	220114	2 WAY TERMINAL BLOCK		1
38	219643	M6 X 35MM LONG STAINLESS STEEL POZI PAN SCREW		3
39	901916	28mm HOSE CLIP		1
40	237754	35-38MM HOSE CLIP		4
41	206209	A.B.A HOSE CLIP		1
42	213025	DUMP HOSE - (Part # 903977 is Complete Hose assy. w/42,65,64,44,43)		1
43	904109	FLOAT MOULDING		1
44	904108	FLOAT STOP MOULDING		2
45	902133	SPRING WIRE CLAMP (YDNAC-Y8010356)		1
46	213059	SUCTION HOSE 1480MM X Ø38MM		1
47	213060	VAC HOSE 1060MM X Ø38MM		1
48	329904	RIDE-ON SQUEEGEE STORAGE BRACKET		1
49	206439	TANK FILTER		1
50	329987	MOTOR BRACKET		1
51	237032	>TPE< 3 STAGE MOTOR GASKET		1
52	219569	No8 X 1/2 INCH LONG POZI PAN STAINLESS STEEL PLASTITE SCREW		4
53	329989	SILENCER BOX		1
54	208274	SILENCER FOAM		1
55	392019	SILENCER SHROUD		1
56	219680	GROMMET		2
57	304460	SEAT PLATE WELD ASSEMBLY PAINT SILVER GREY		1
58	304477	TRO NUTSERTED TOP TANK FUSE PLATE		1
59	208802	MAXI-FUSE HOLDER COVER		3
60	219861	M5 SINGLE COIL STAINLESS STEEL WASHER		6
61	280001	VARIO SEAT COVER	FOR REPLACEMENT USE 604053	1
62	237718	HOSE GUIDE		1
61	280018	35MM X 435MM LONG 3:1 STRETCH HOSE C/W CAP & STRAP(SHORT CUFF)		1
61A	900903	HOSE CLOSURE REPLACEMENT KIT (25MM-38MM STRETCH HOSE)		1
64	903341	32MM HOSE CAP RED (C/W 8MM HOLE)		1
65	904403	BARBED RIVET BLACK		1
66	219016	M5 SHAKEPROOF WASHER		8

Numatic International Spare Parts

Model No: Vario Motor Wheel & Brake Assembly

234604
DRAWING: EXP-1032 ISS:A01
03/09/2008

NB: FOR WIRING SEE DRAWING: WD-0359



Numatic International Spare Parts

Model No: Vario Motor Wheel & Brake Assembly

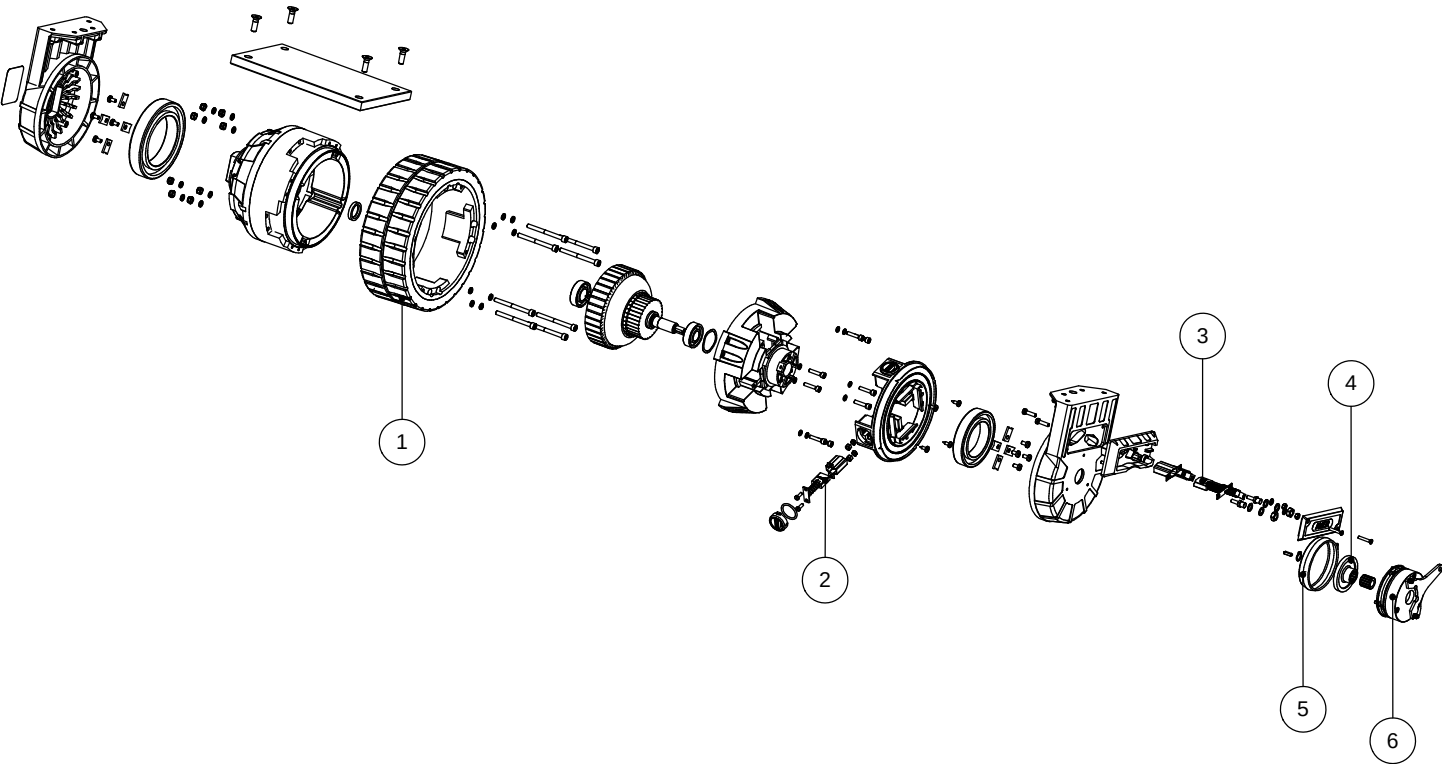
POS:	ITEM NO:	DESCRIPTION:	COMMENTS:
1	208145	WHEEL	
2	208146	ARMATURE BRUSH	
3	208147	MOTOR BRUSH	
4	208148	FRICTION DISC	
5	208149	RUBBER GASKET	
6	208150	ELECTRICALLY RELEASED BRAKE	

Numatic International Spare Parts

Model No: Vario Motor Wheel & Brake Assembly

234604
DRAWING: EXP-1032 ISS:A02
05/01/2009

NB: FOR WIRING SEE DRAWING: WD-0359



Numatic International Spare Parts

Model No: Vario Motor Wheel & Brake Assembly

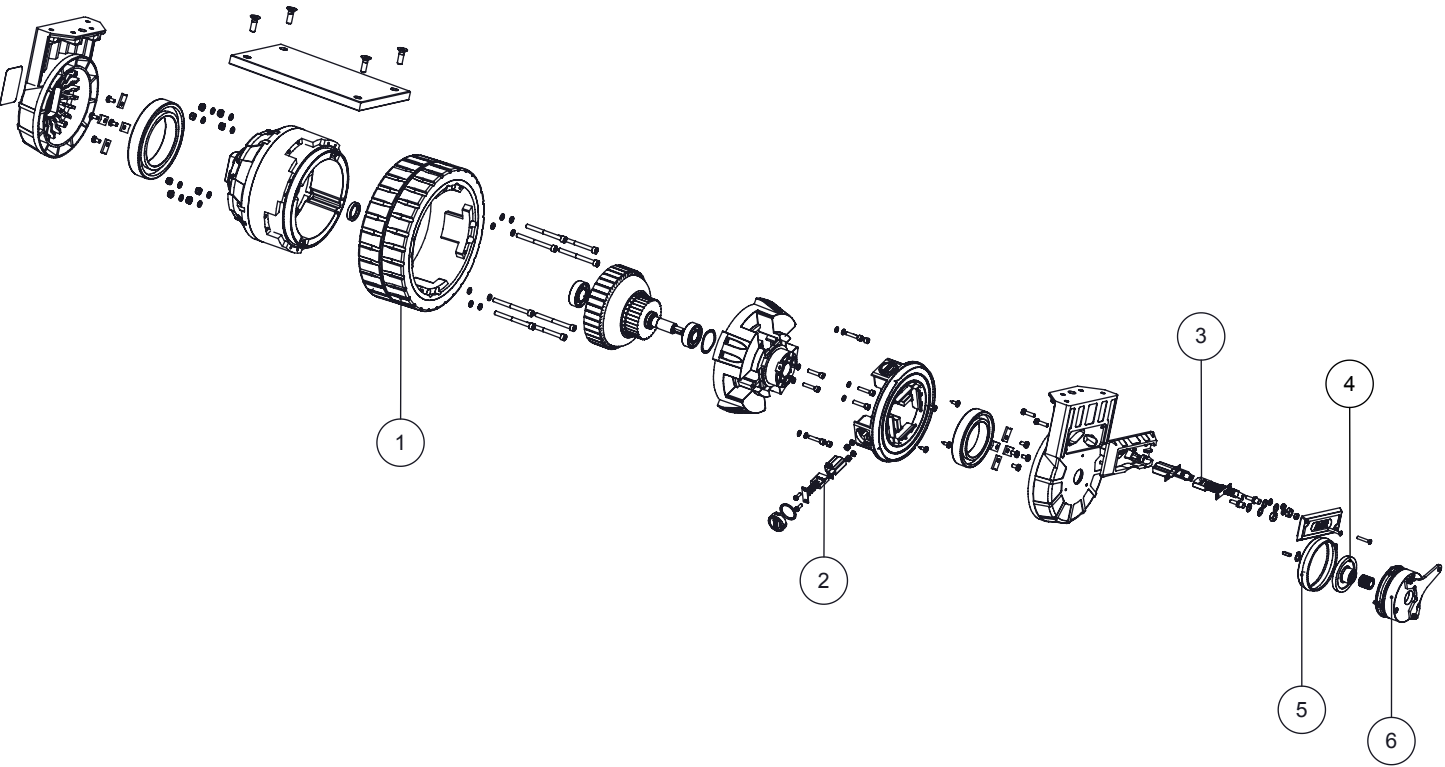
POS:	ITEM NO:	DESCRIPTION:	COMMENTS:
1	208145	WHEEL	
2	208146	ARMATURE BRUSH	
3	208147	MOTOR BRUSH	
4	208148	FRICTION DISC	
5	208149	RUBBER GASKET	
6	321506	MODIFIED ELECTRONICALLY RELEASED BRAKE C/W PINION & SCREWS	

Numatic International Spare Parts

Model No: TTV678 & TRO650 Motor Wheel & Brake Assembly

NB: FOR WIRING SEE DRAWING: WD-0359, DRW-15631, DRW-13416, DRW-14741

234604
DRAWING: EXP-1032 ISS:A03
28/03/2014



Numatic International Spare Parts

Model No: TTV678 & TRO650 Motor Wheel & Brake Assembly

POS:	ITEM NO:	DESCRIPTION:	COMMENTS:
1	208145	WHEEL	
2	208146	ARMATURE BRUSH	
3	208147	MOTOR BRUSH	
4	208148	FRICTION DISC	
5	208149	RUBBER GASKET	
6	321506	MODIFIED ELECTRONICALLY RELEASED BRAKE C/W PINION & SCREWS	

WIRING DIAGRAM

COMP. No

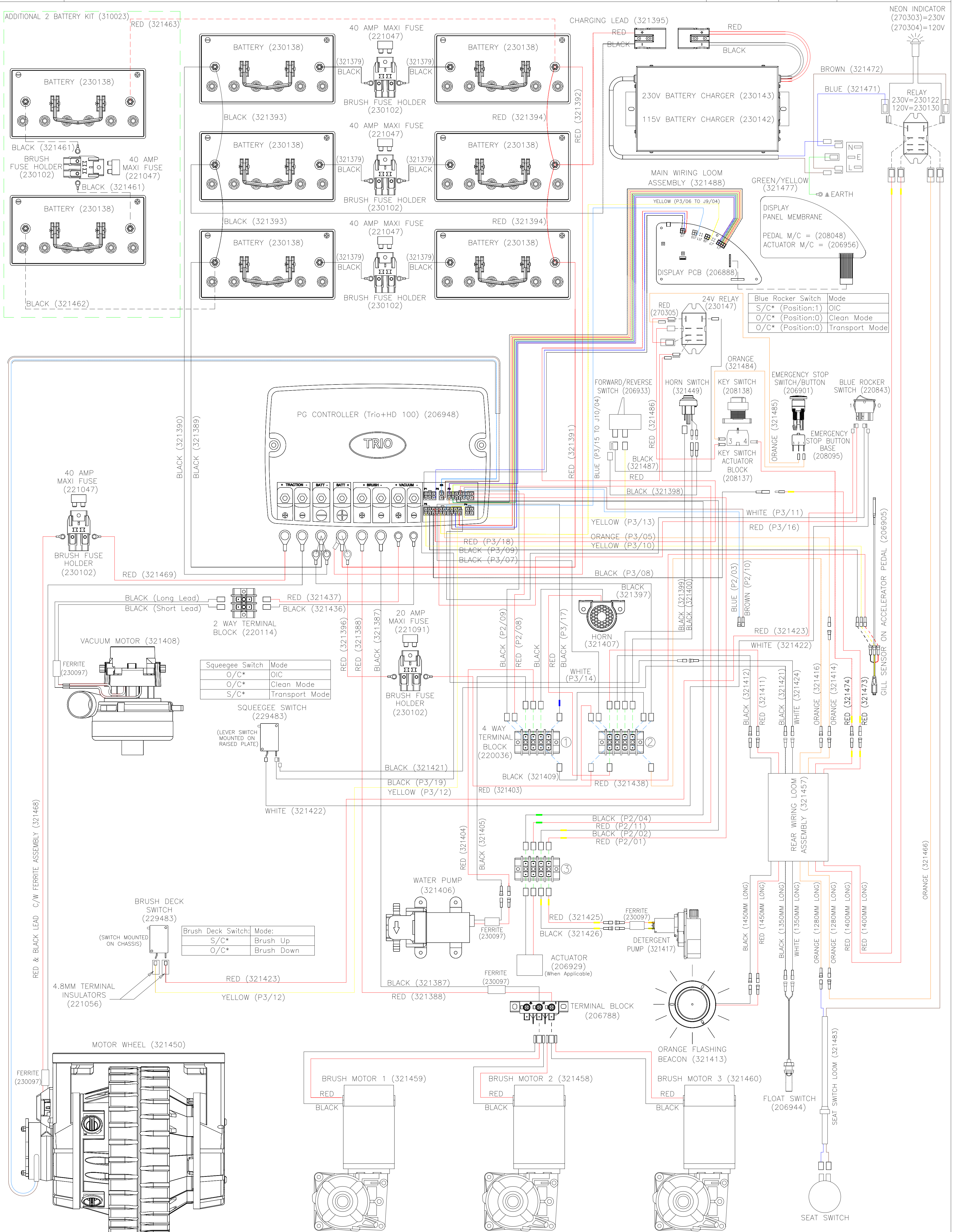
123332

DRG. No

WD-0359

RIDE ON TRIO HD WIRING DIAGRAM

ISSUE	REVISION	DRAWN	APPD.	DATE
A01	NEW DRAWING	AM	AM	02/09/2008



KEY:
O/C = OPEN CIRCUIT
S/C = SWITCHED CIRCUIT

WIRING DIAGRAM

COMP. No

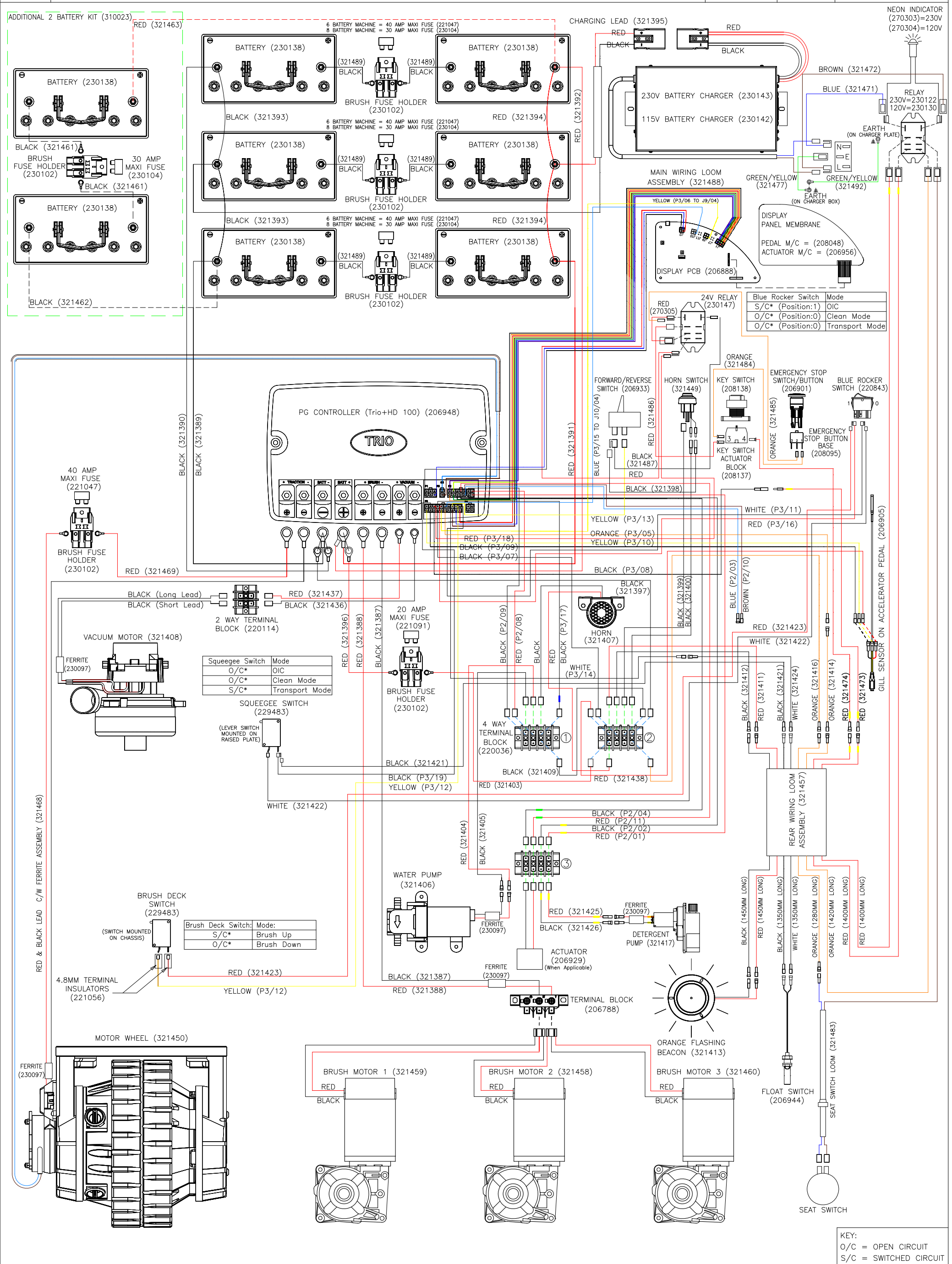
123332

DRG. No

WD-0359

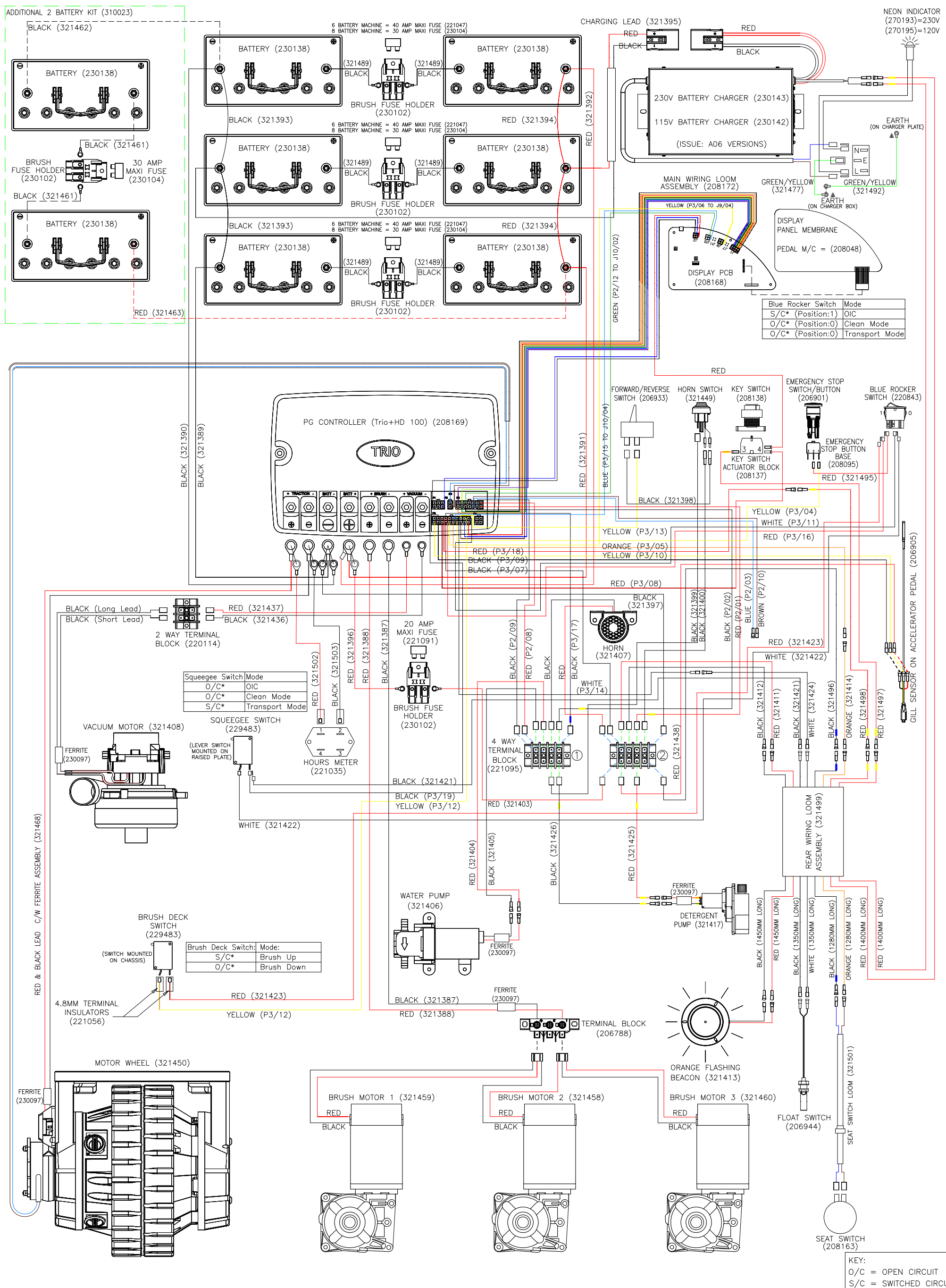
RIDE ON TRIO HD WIRING DIAGRAM

ISSUE	REVISION	DRAWN	APPD.	DATE
A03	(230104) 30 AMP FUSE ADDED FOR 8 BATTERY MACHINE VERSIONS	AM	AM	24/09/2008



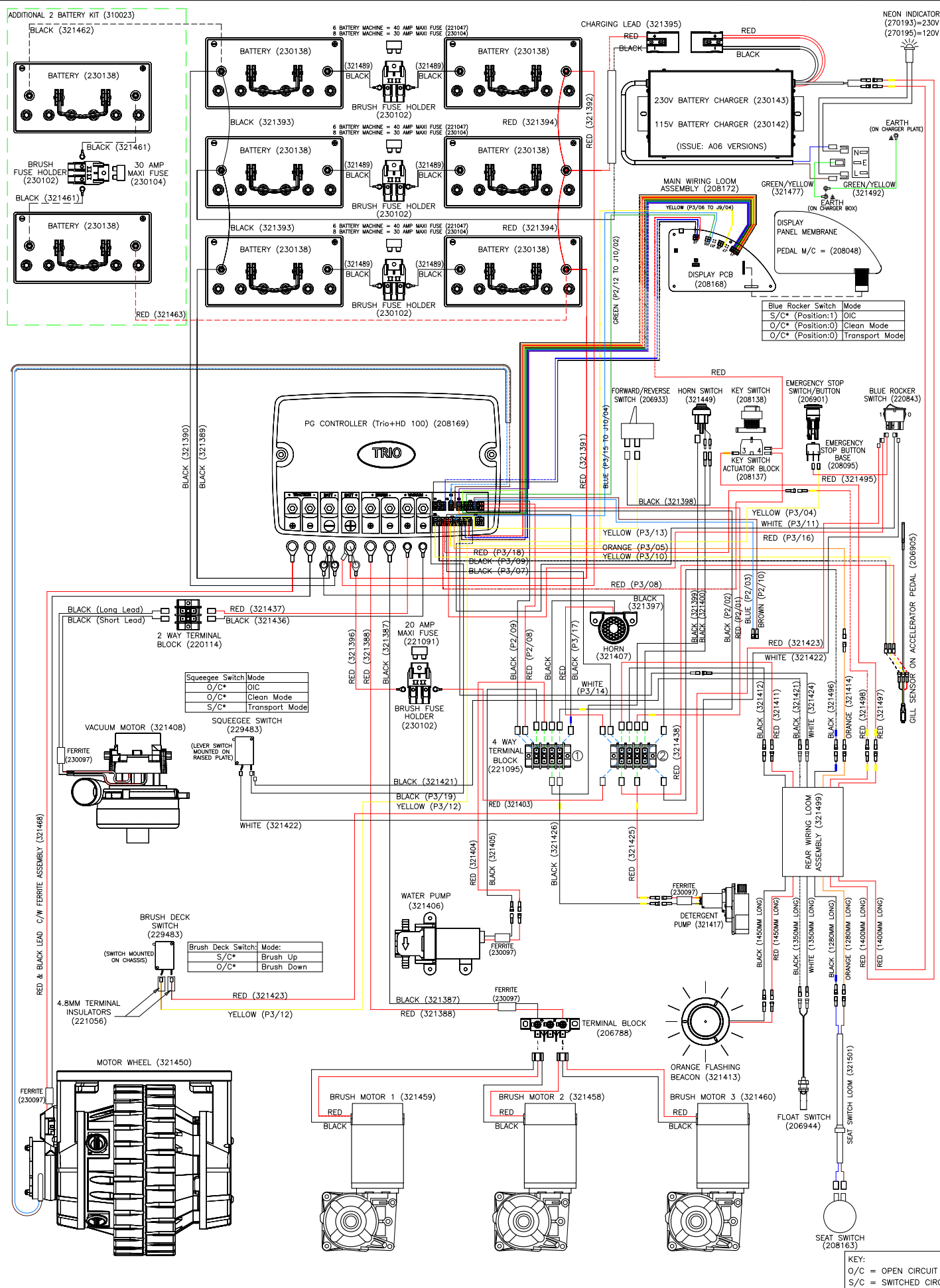
DRG. No
WD-0359

ISSUE	REVISION	DRAWN	APPD.	DATE
AO4	DRAWING UPDATED FOR (MK2) REMOVAL OF RELAYS / MOTOR FUSE REMOVAL / ADDITION OF HOURS METER & ASSOCIATED CHANGES	AM	AM	16/12/2008



DRG. No
WD-0359

ISSUE	REVISION	DRAWN	APPD.	DATE
A05	DRAWING UPDATED FOR REMOVAL OF HOURS METER & ASSOCIATED WIRING	AM	AM	23/12/2008



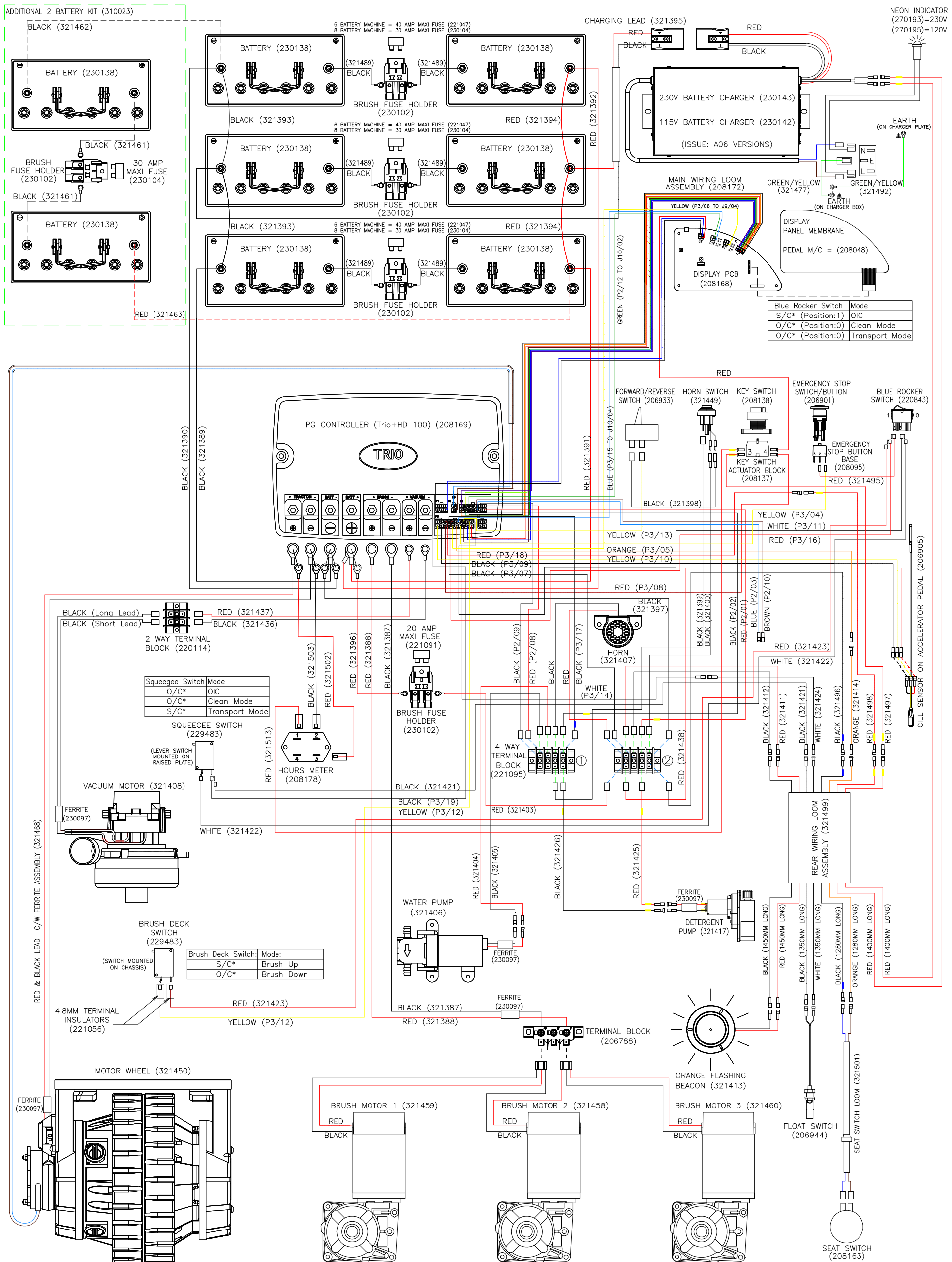
WIRING DIAGRAM

COMP. No
123332

DRG. No
WD-0359

RIDE ON TRIO HD WIRING DIAGRAM

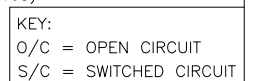
ISSUE	REVISION	DRAWN	APPD.	DATE
A06	DRAWING UPDATED FOR ADDITION OF NEW HOURS METER & ASSOCIATED WIRING	AM	AM	09/03/2009



KEY:
O/C = OPEN CIRCUIT
S/C = SWITCHED CIRCUIT

DRG. No
WD-0359

ISSUE	REVISION	DRAWN	APPD.	DATE
A07	DRAWING UPDATED FOR NEW 3 STAGE VACUUME MOTOR 303880. VERSION NOTE ADDED TO TRIO.	AM	AM	28/04/2009



DRG. No
WD-0359

ISSUE	REVISION	DRAWN	APPD.	DATE
A08	DRAWING UPDATED TO ADD FERRITE TO 3 STAGE VACUUME MOTOR 303880. TITLE AMENDED TO INCLUDE MACHINE MODEL	AM	MC	01/06/2009



WIRING DIAGRAM

COMP. No

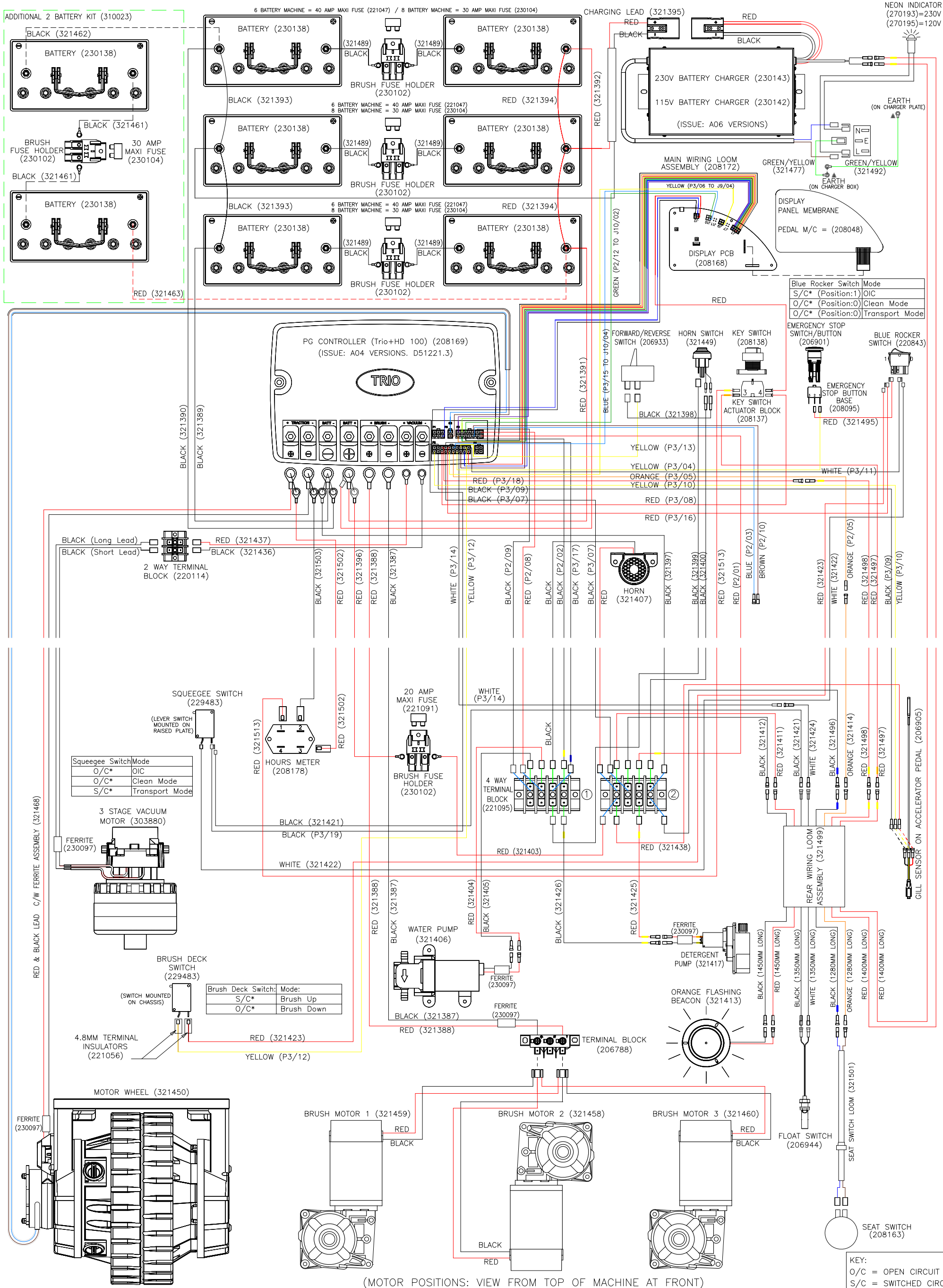
123332

DRG. No

WD-0359

TTV-678 WIRING DIAGRAM

ISSUE	REVISION	DRAWN	APPD.	DATE
A09	DRAWING REDRAWN FOR INCLUSION INTO INSTRUCTION MANUAL. NO ACTUAL CHANGE TO DRAWING SPECIFICATIONS	AM	MC	09/12/2009



(MOTOR POSITIONS: VIEW FROM TOP OF MACHINE AT FRONT)

WIRING DIAGRAM

COMP. No

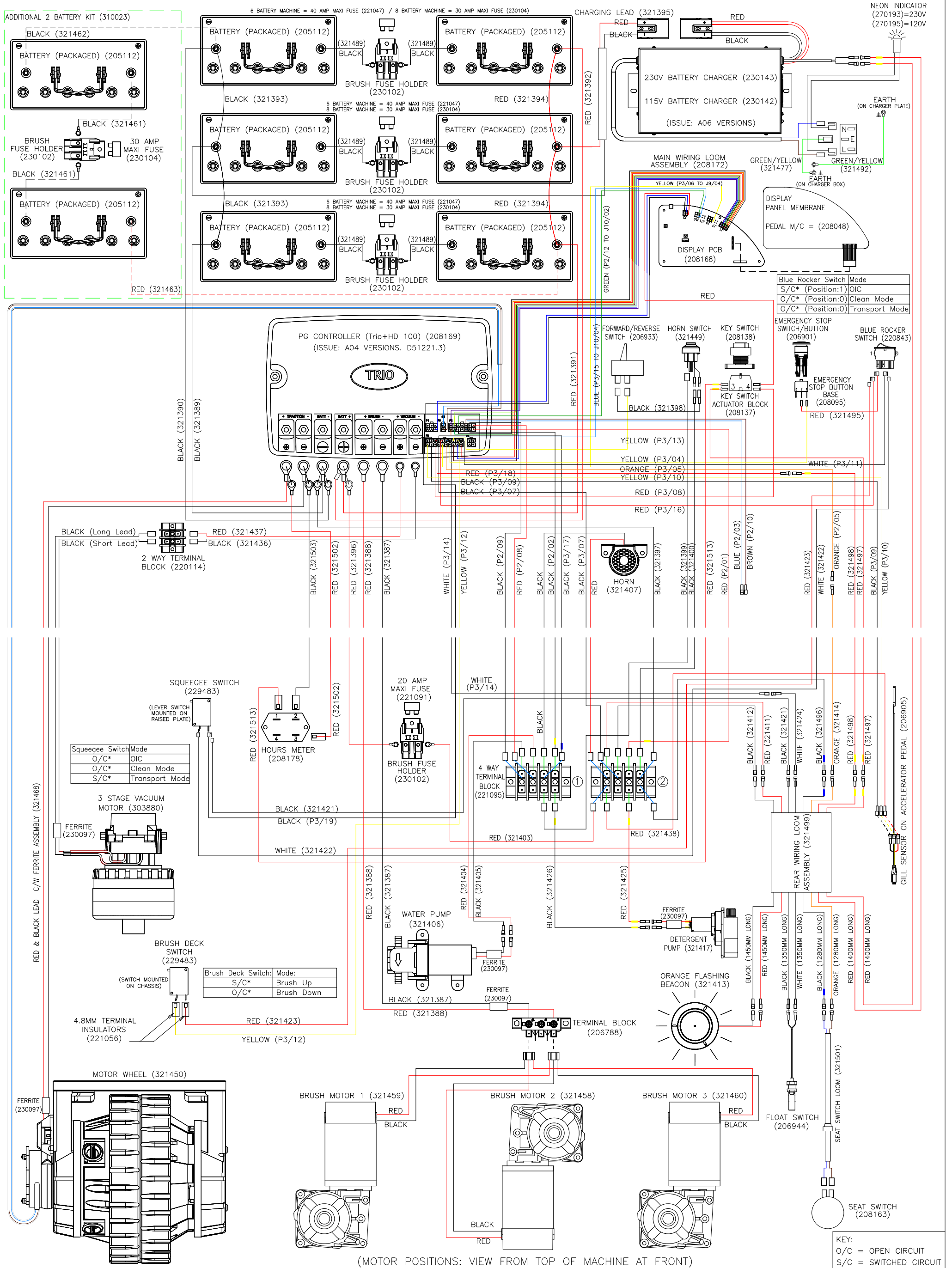
123332

DRG. No

WD-0359

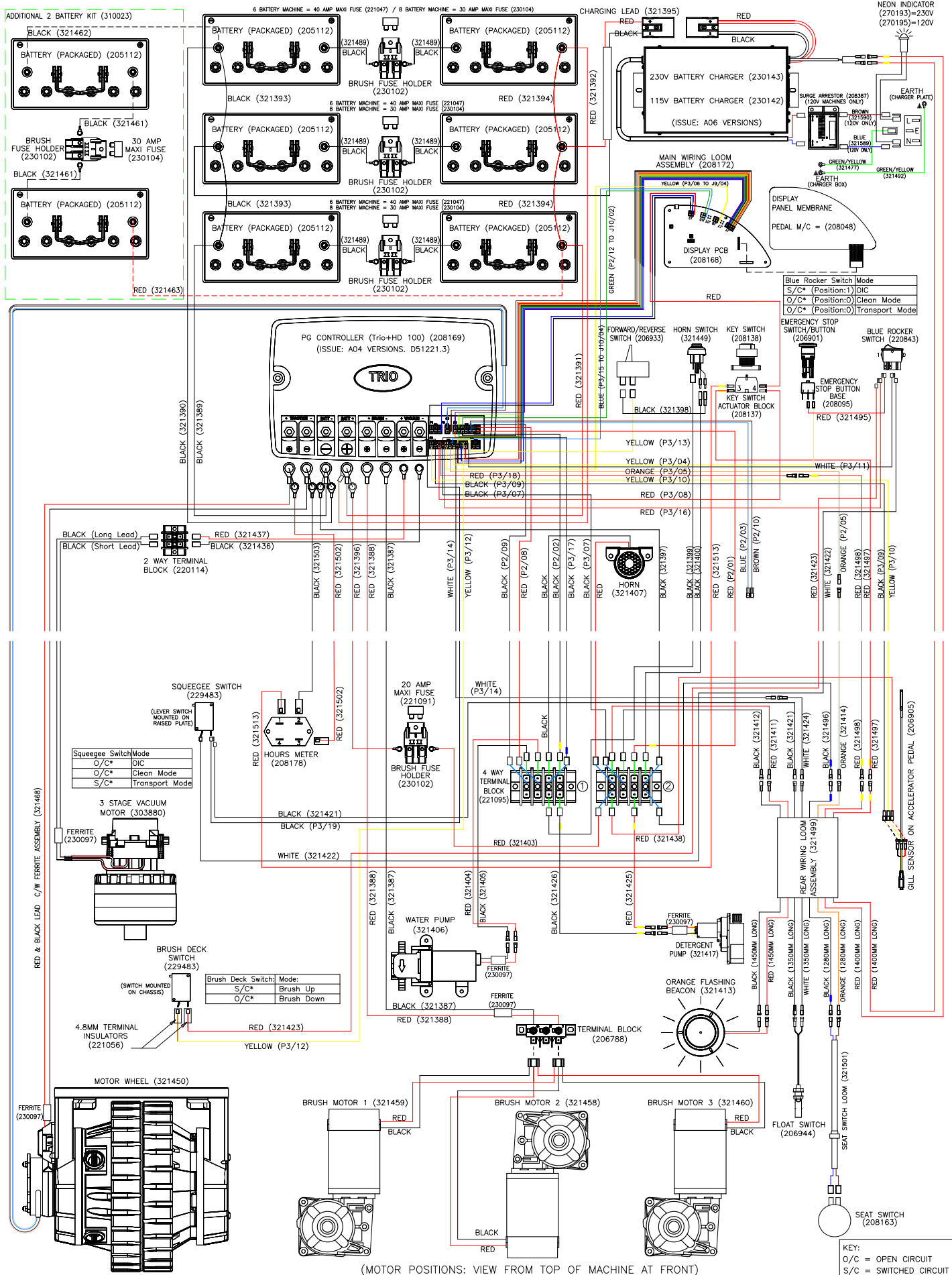
TTV-678 WIRING DIAGRAM

ISSUE	REVISION	DRAWN	APPD.	DATE
A10	BATTERIES WERE 230138 NOW SHOWN AS 205112 FOR PACKAGED VERSION FOR SALES PURPOSES	AM	MC	28/01/2010



DRG. No
WD-0359

ISSUE	REVISION	DRAWN	APPD.	DATE
A11	SURGE ARRESTOR PCB 208387 AND LINK WIRES 321589 & 321590 ADDED FOR 120V MODELS ONLY	CG	MC	22/04/2010



WIRING DIAGRAM

COMP. No

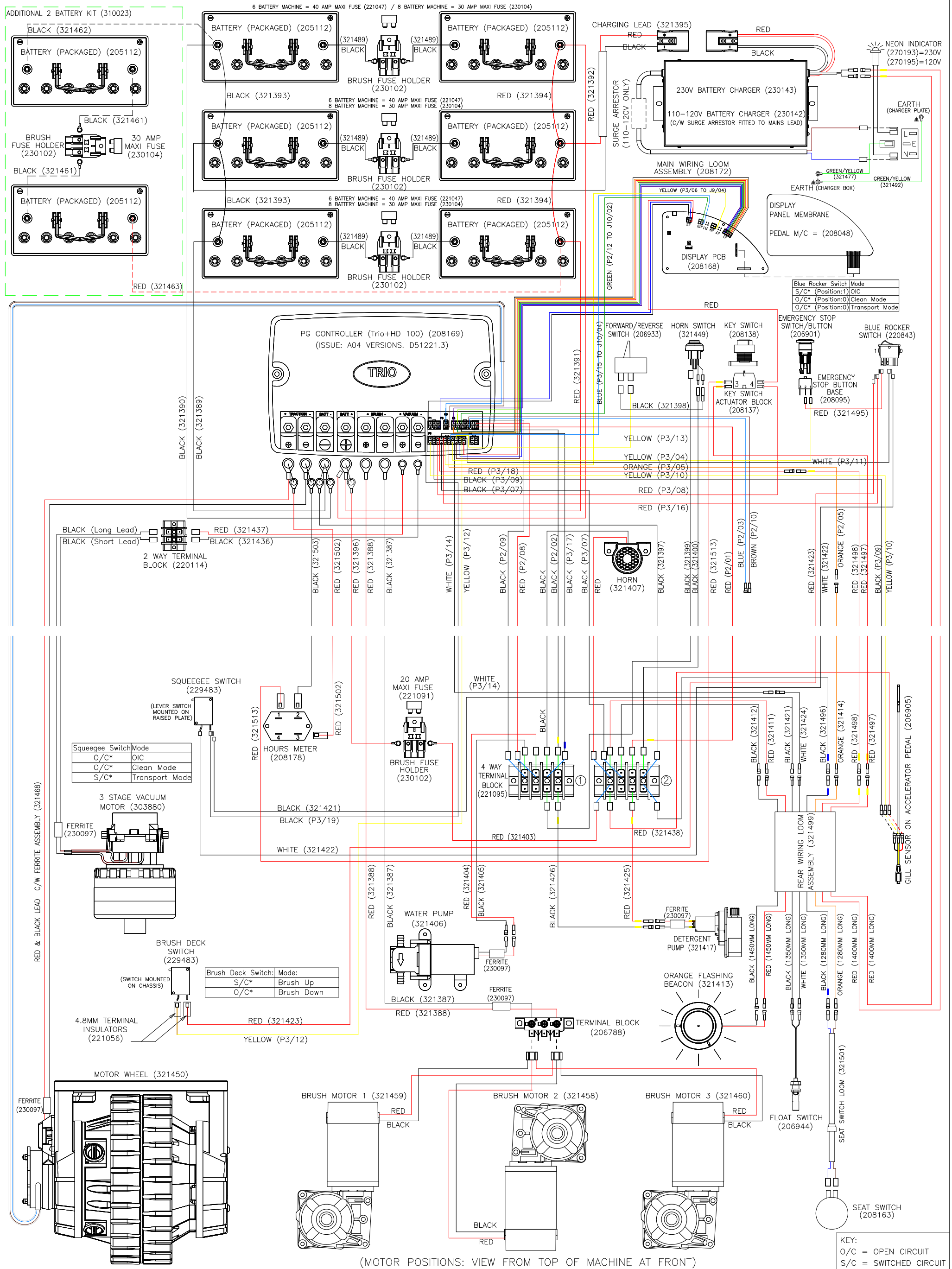
123332

DRG. No

WD-0359

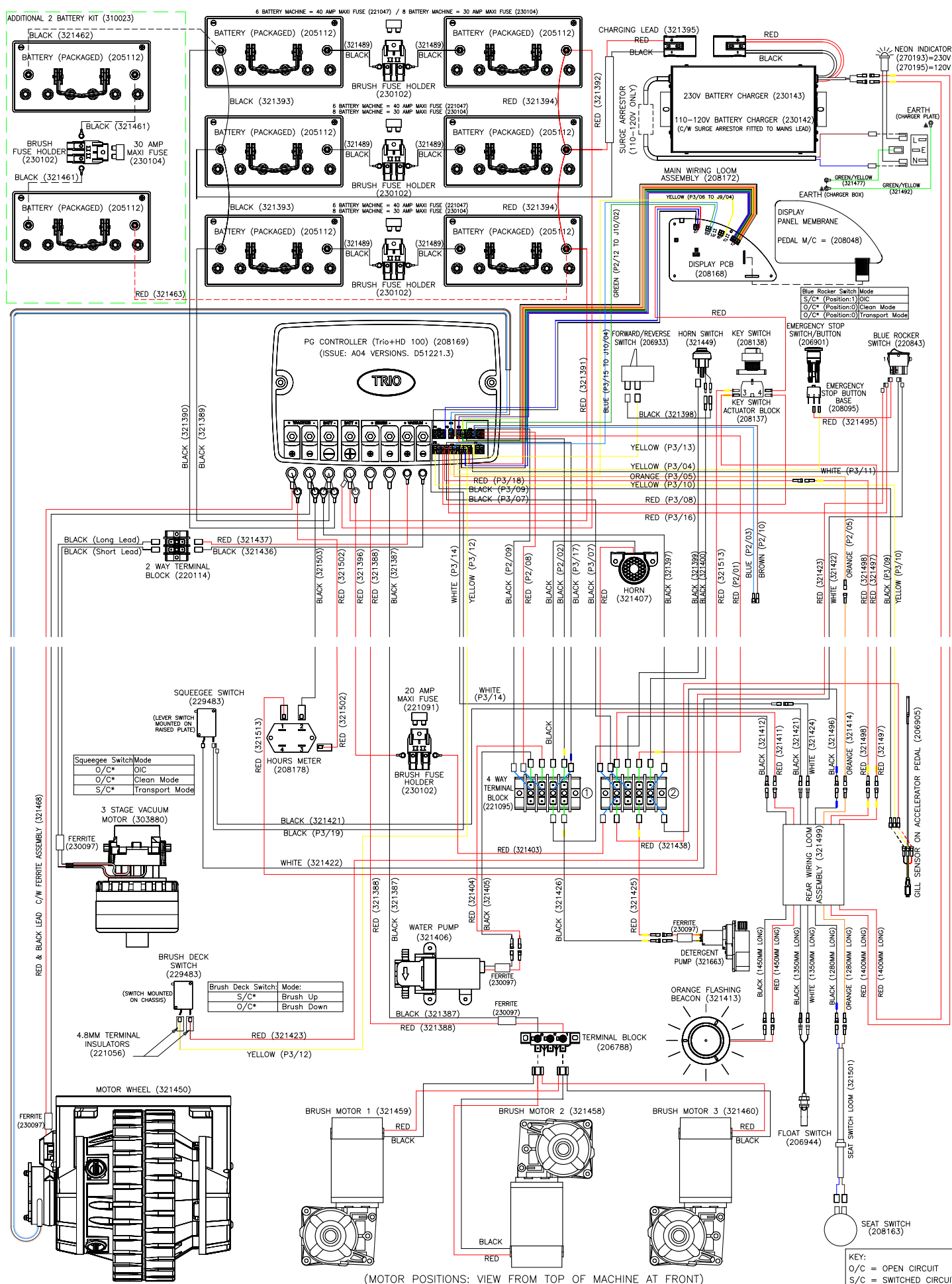
TTV-678 WIRING DIAGRAM

ISSUE	REVISION	DRAWN	APPD.	DATE
A12	REMOVAL OF POTTED BOX SURGE ARRESTOR (208387) & LINK WIRES 321589 & 321590. VISUAL VIEW OF SURGE ARRESTOR HAS BEEN ADDED REFERENCE 120V CHARGER	AM	MC	11/03/2011



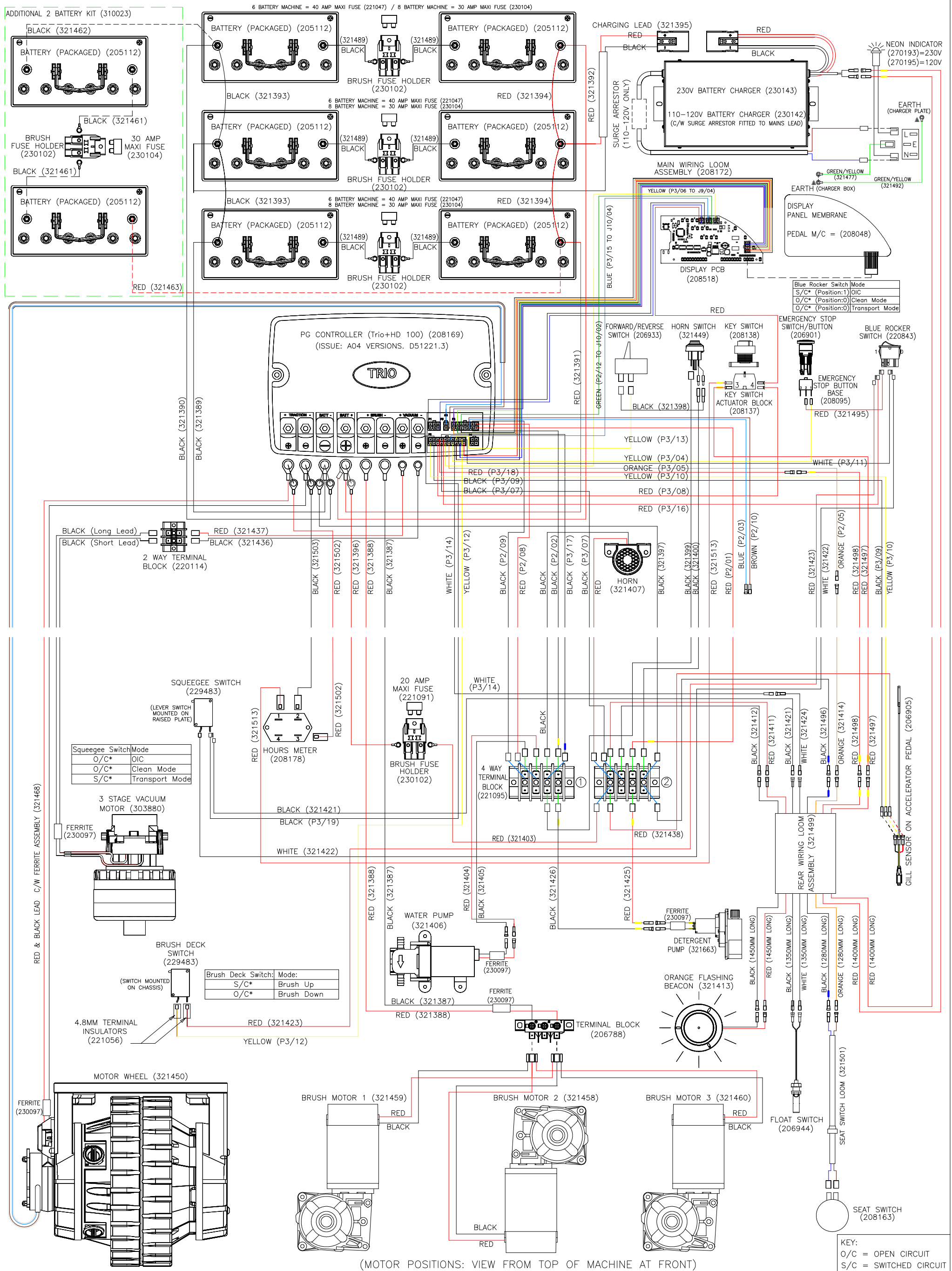
WD-0359

ISSUE	REVISION	DRAWN	APPD.	DATE
A13	DETERGENT PUMP CHANGED FROM 321417 TO 321663 REF ECO15235	AM	MC	02/09/2011



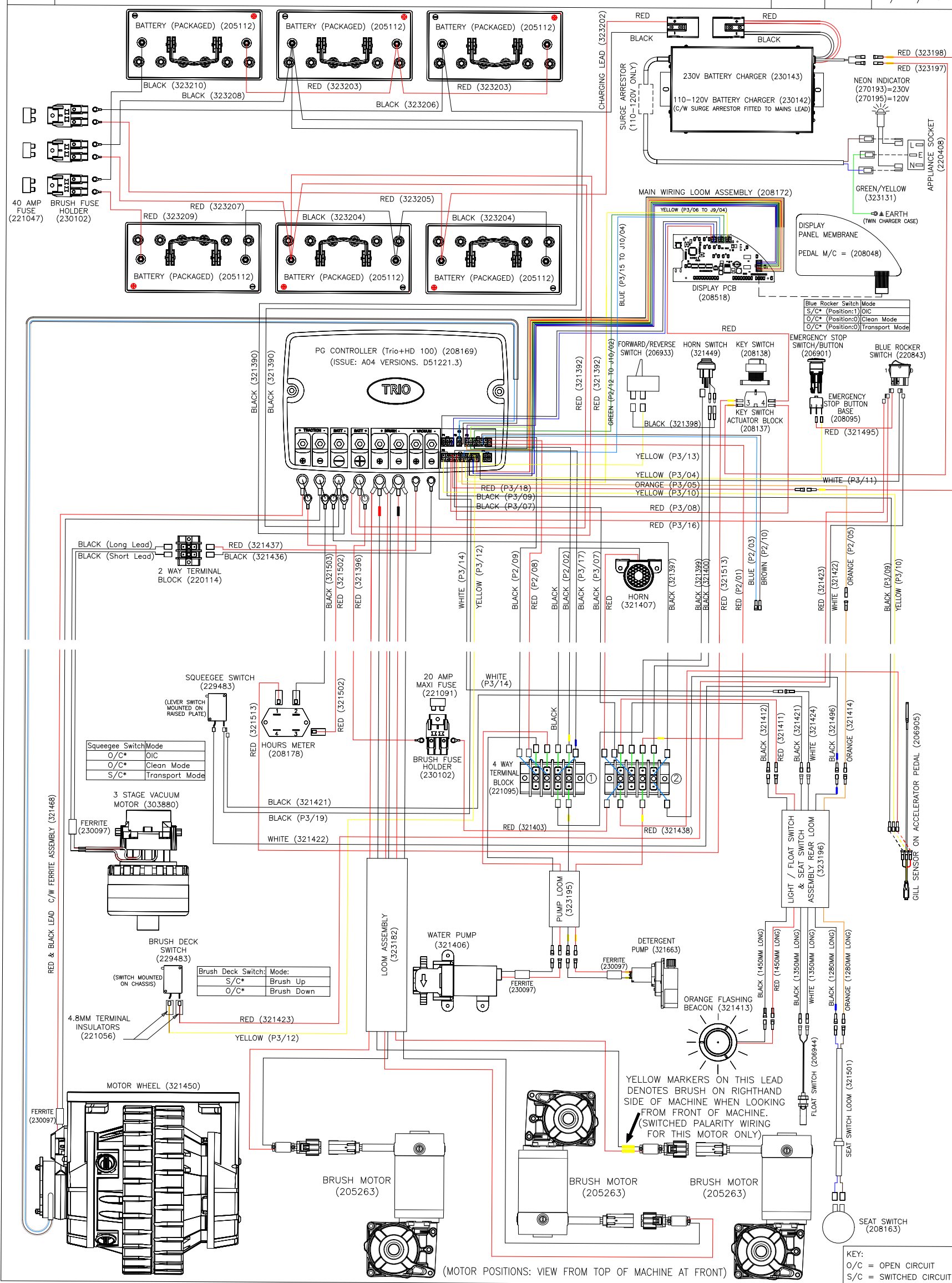
WD-0359

ISSUE	REVISION
A14	DISPLAY PCB CHANGED FROM 208168 TO 208518 REF ECO15329



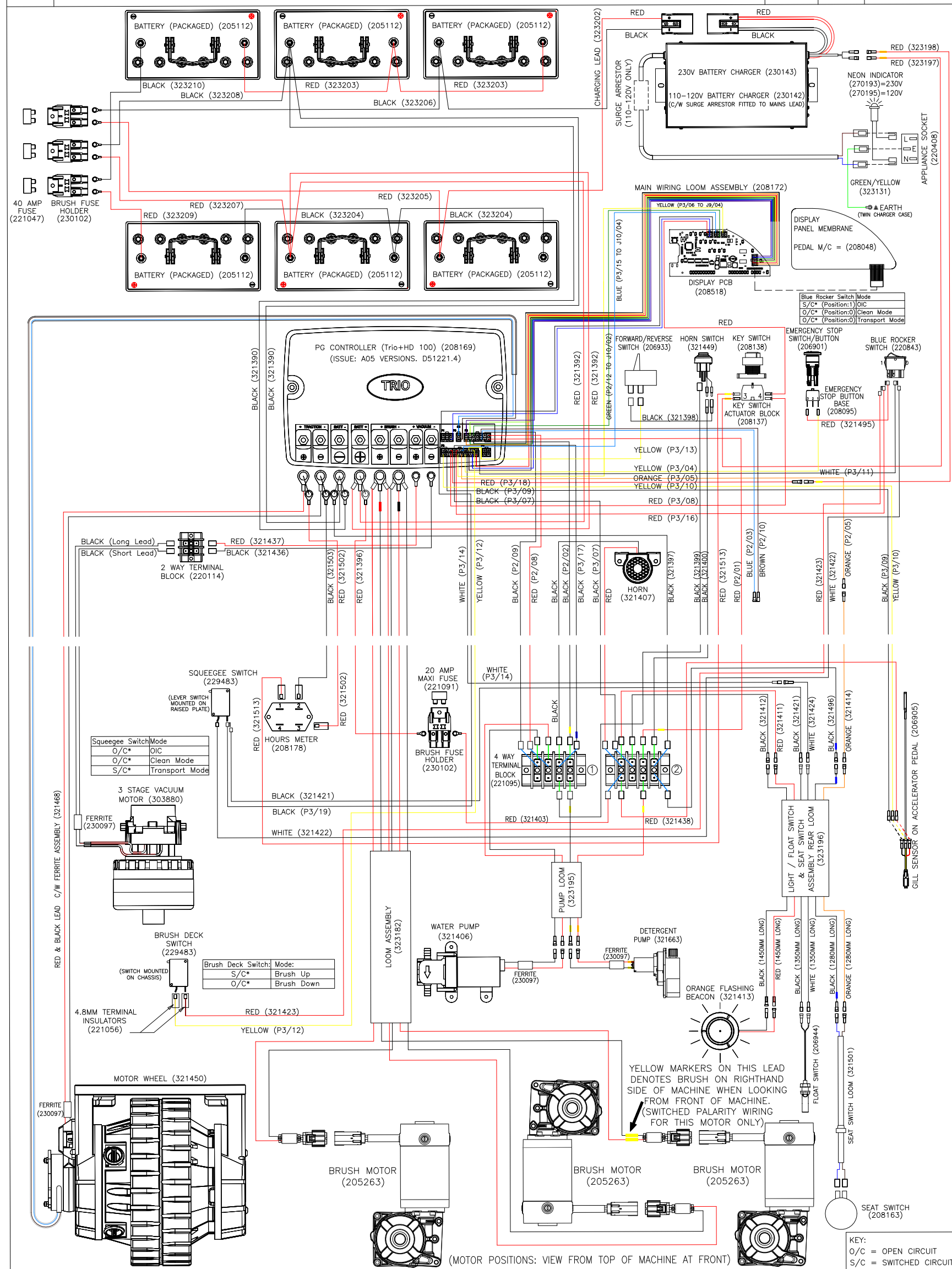
DRG. No
WD-0359

ISSUE	REVISION	DRAWN	APPD.	DATE
A15	BRUSH MOTORS UPDATED TO LATEST SPEC (WATERPROOF CONNECTORS) & CONNECTING LEADS CHANGED + PUMPS & LEADS TO TRO SPEC + BATTERY WIRES UPDATED	AM	MC	22/01/2014



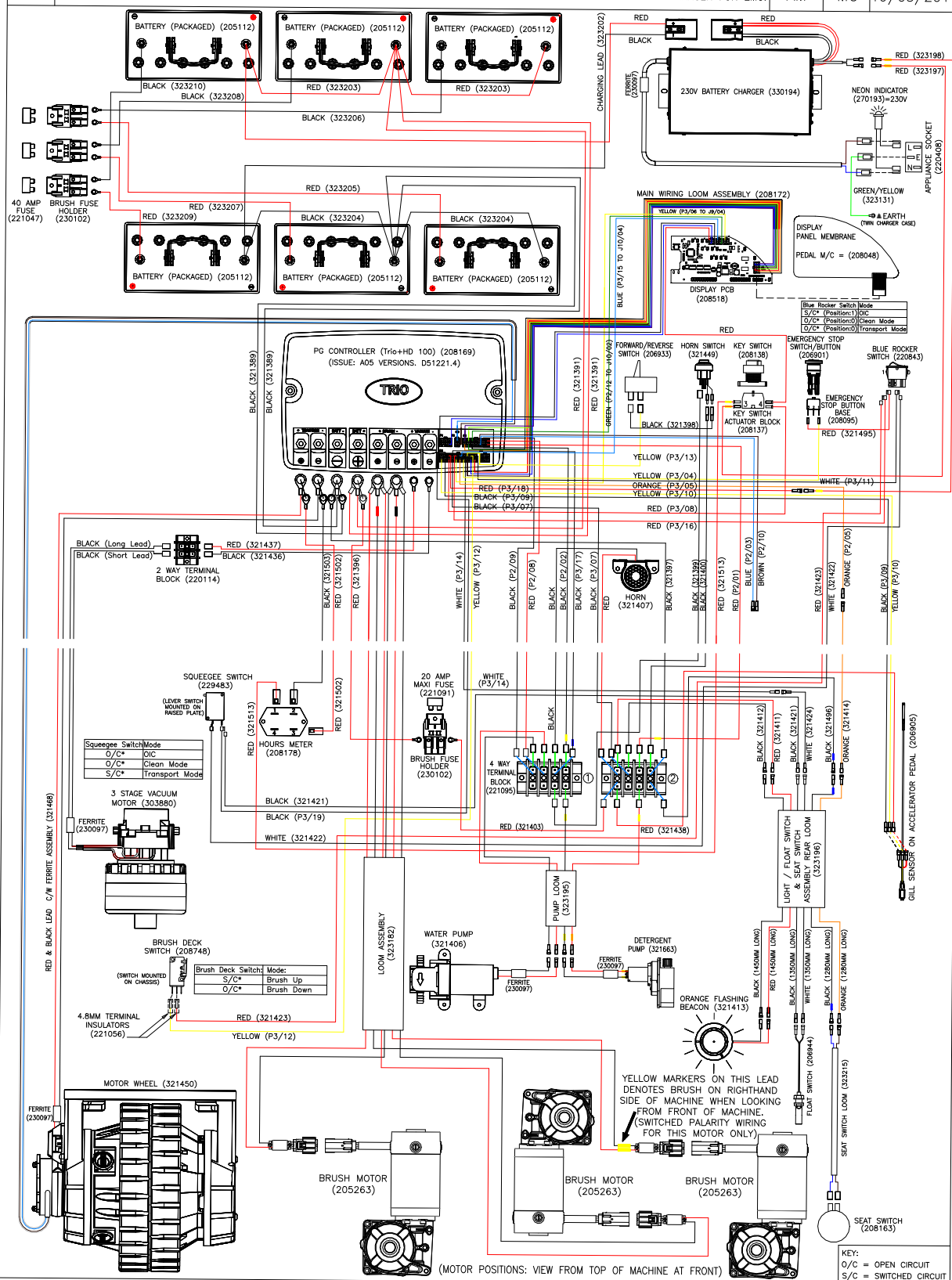
DRG. No
WD-0359

ISSUE	REVISION	DRAWN	APPD.	DATE
A16	321495 WIRE NOW GOES TO POSITION 3 ON E-STOP & REVISION OF PG CONTROLLER (TRIO DRIVE) UPDATED TO A05 (SOFTWARE UPDATE) REF ECO16329	AM	MC	10/02/2014



DRG. No
WD-0359

ISSUE	REVISION	DRAWN	APPD.	DATE
A17	BRUSH DECK SWITCH WAS 229483 & NOW UPDATED TO IP RATED VERSION 208748 REF ECO15874. FERRITE ADDED TO CHARGER FOR EMC.	AM	MC	19/03/2014



WIRING DIAGRAM

COMP. No

123417

DRG. No

DRW-15631

TTV-678 (CHARGERLESS) WIRING DIAGRAM

ISSUE

REVISION

DRAWN

APPD.

DATE

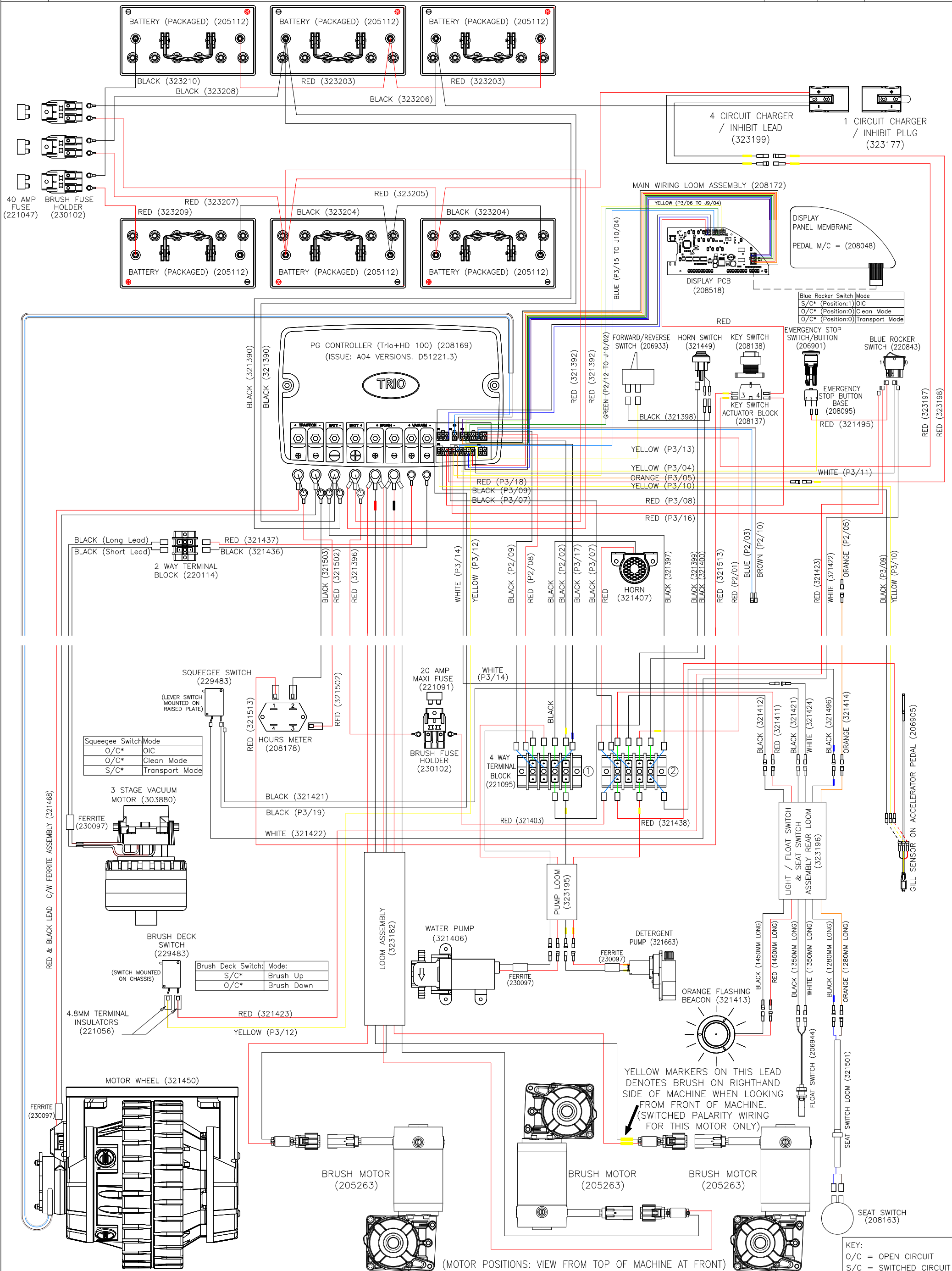
A01

NEW DRAWING

AM

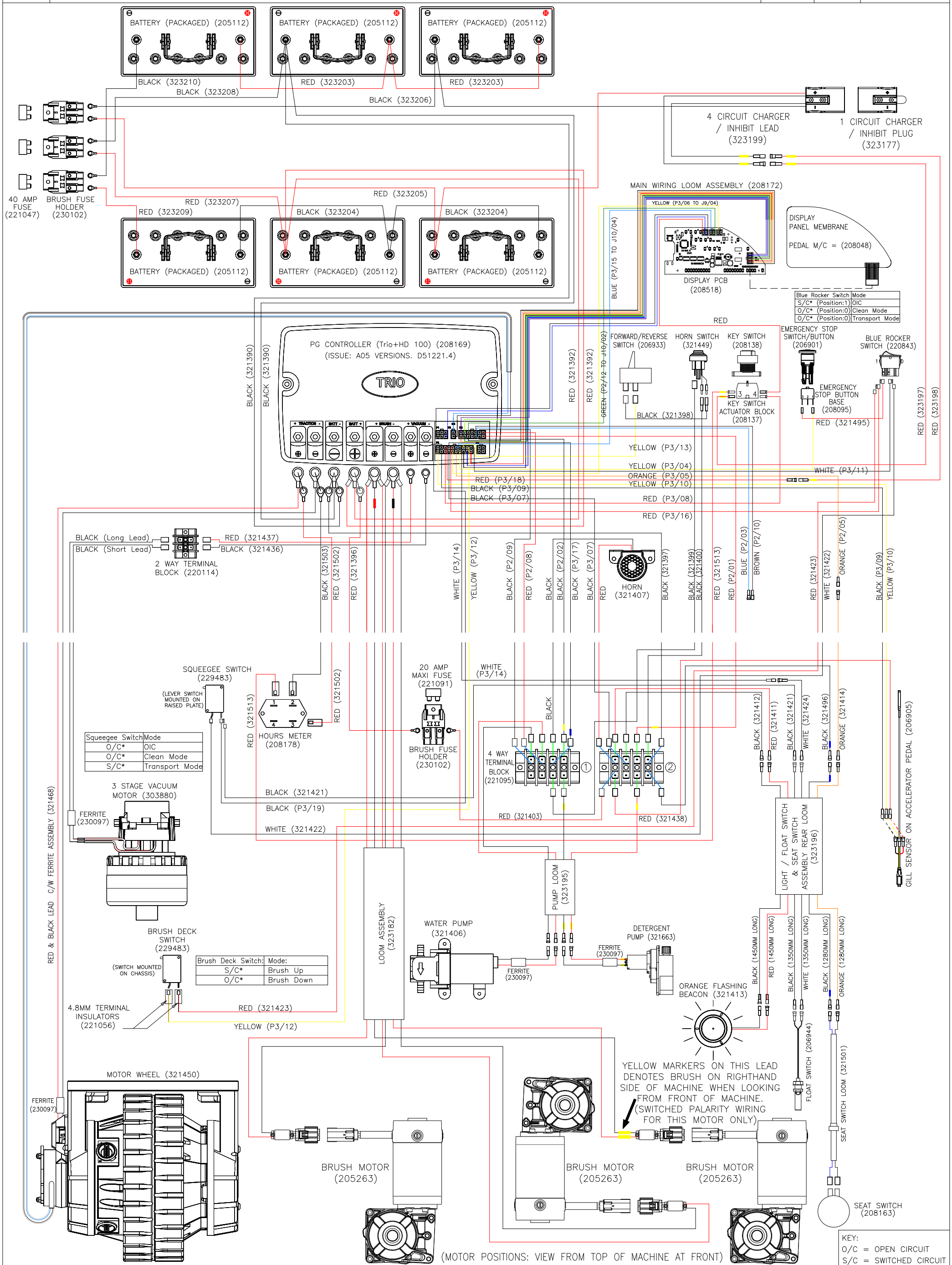
MC

22/01/2014



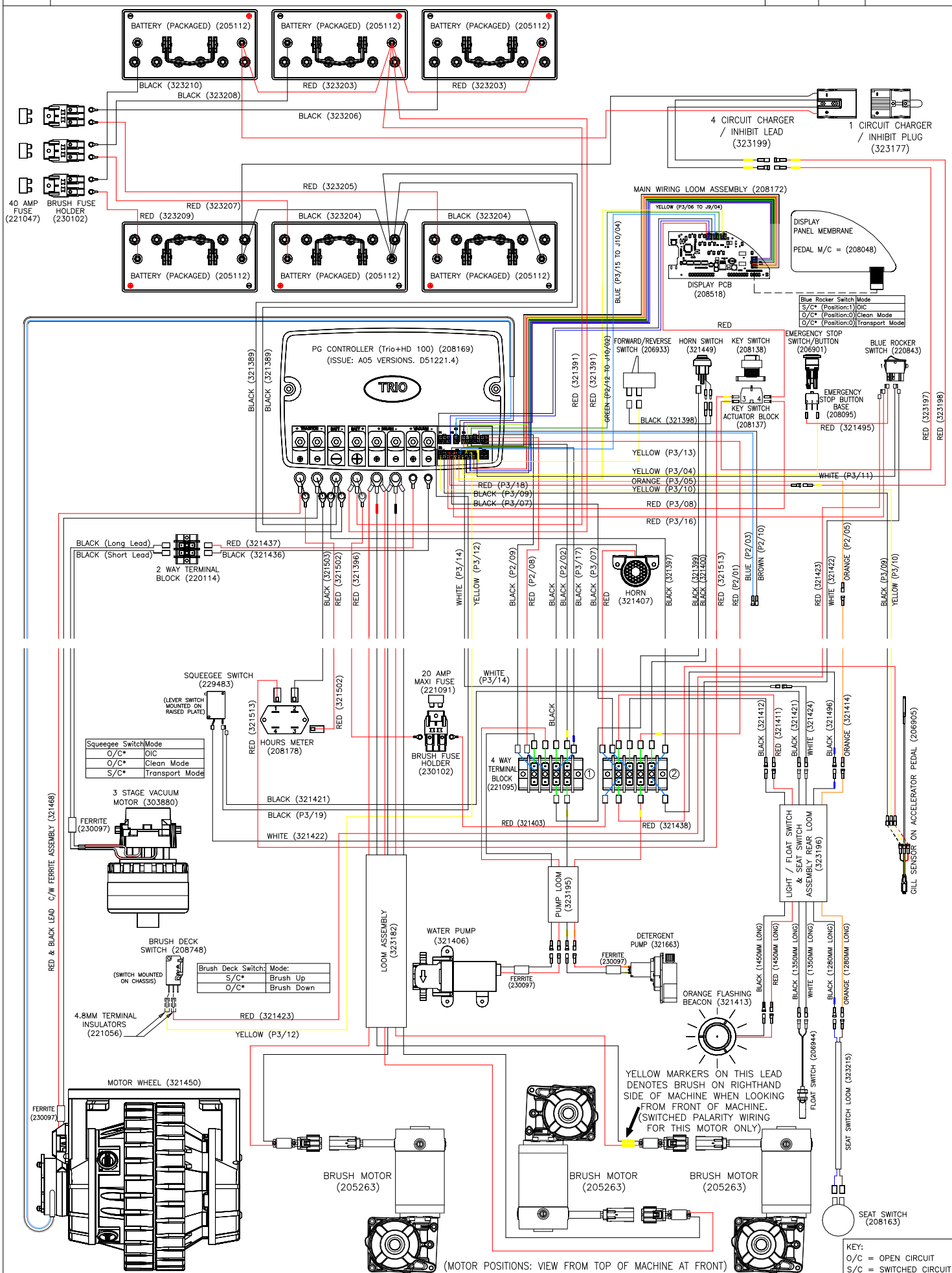
DRW-15631

ISSUE	REVISION	DRAWN	APPD.	DATE
AO2	321495 WIRE NOW GOES TO POSITION 3 ON E-STOP & REVISION OF PG CONTROLLER (TRIO DRIVE) UPDATED TO A05 (SOFTWARE UPDATE) REF EC016329	AM	MC	10/02/2014



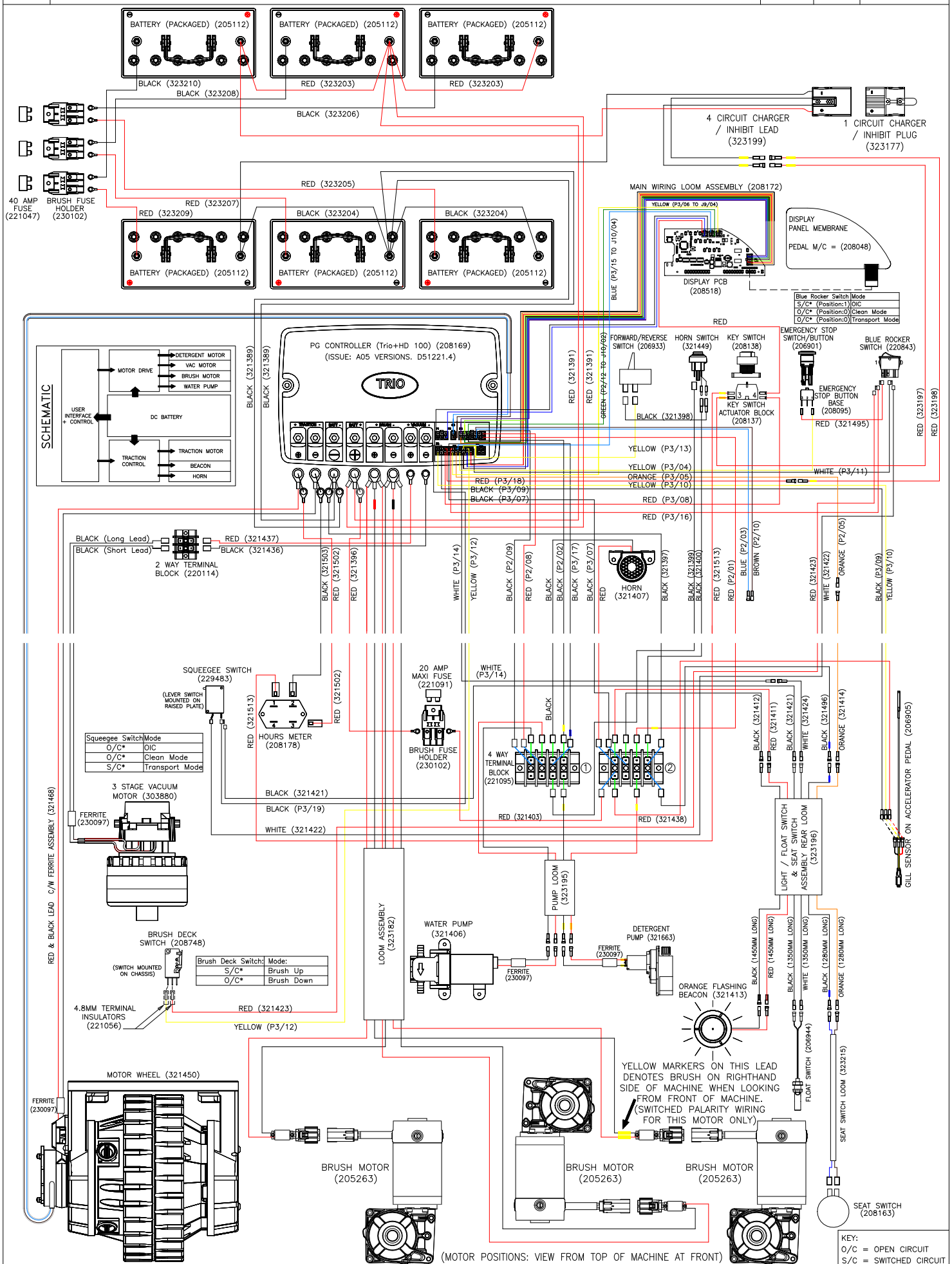
DRG. No
DRW-15631

ISSUE	REVISION	DRAWN	APPD.	DATE
A03	BRUSH DECK SWITCH WAS 229483 & NOW UPDATED TO IP RATED VERSION 208748 REF ECO15874	AM	MC	18/03/2014



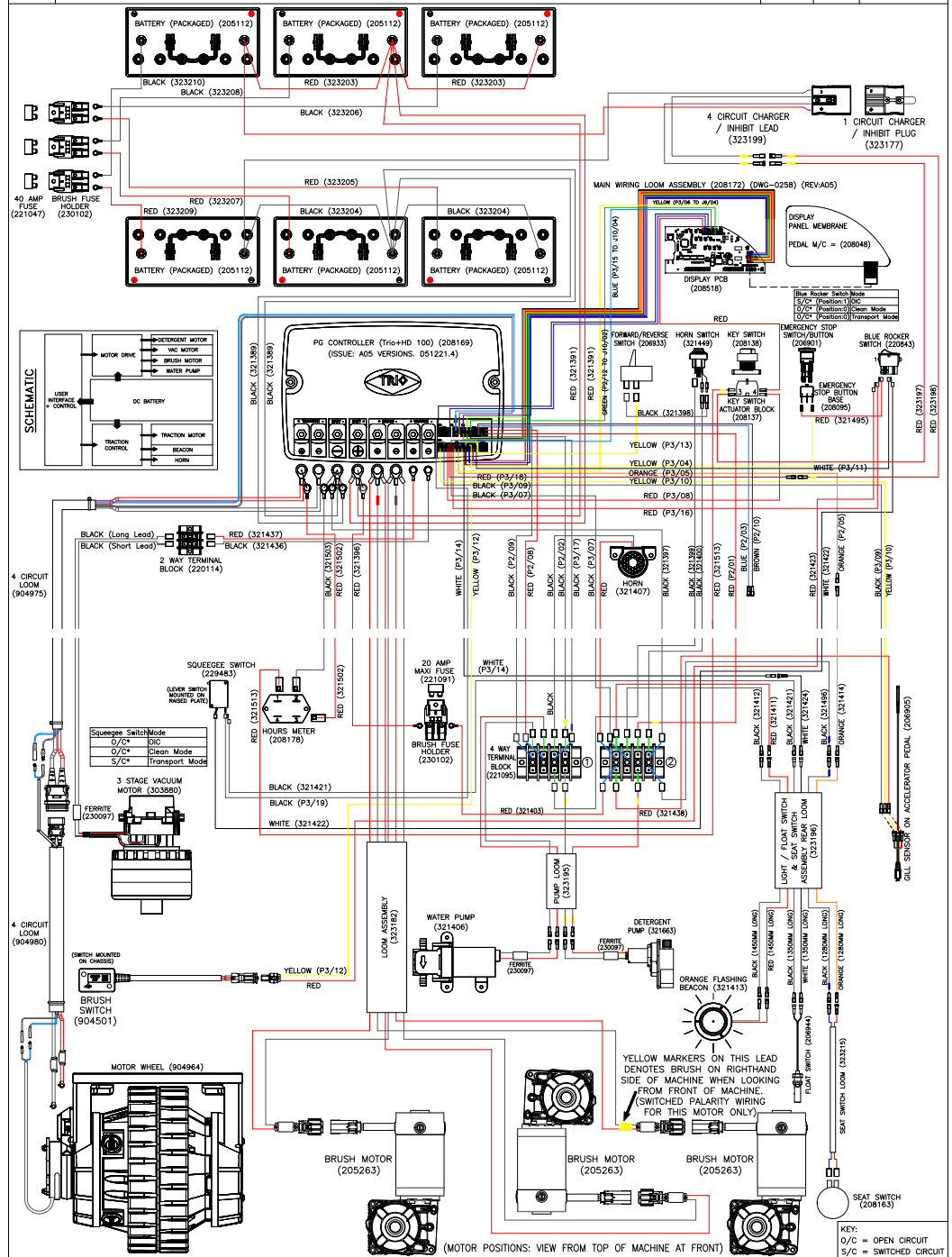
DRG. No
DRW-15631

ISSUE	REVISION	DRAWN	APPD.	DATE
A05	SCHEMATIC ADDED	MS	MC	6/08/2015



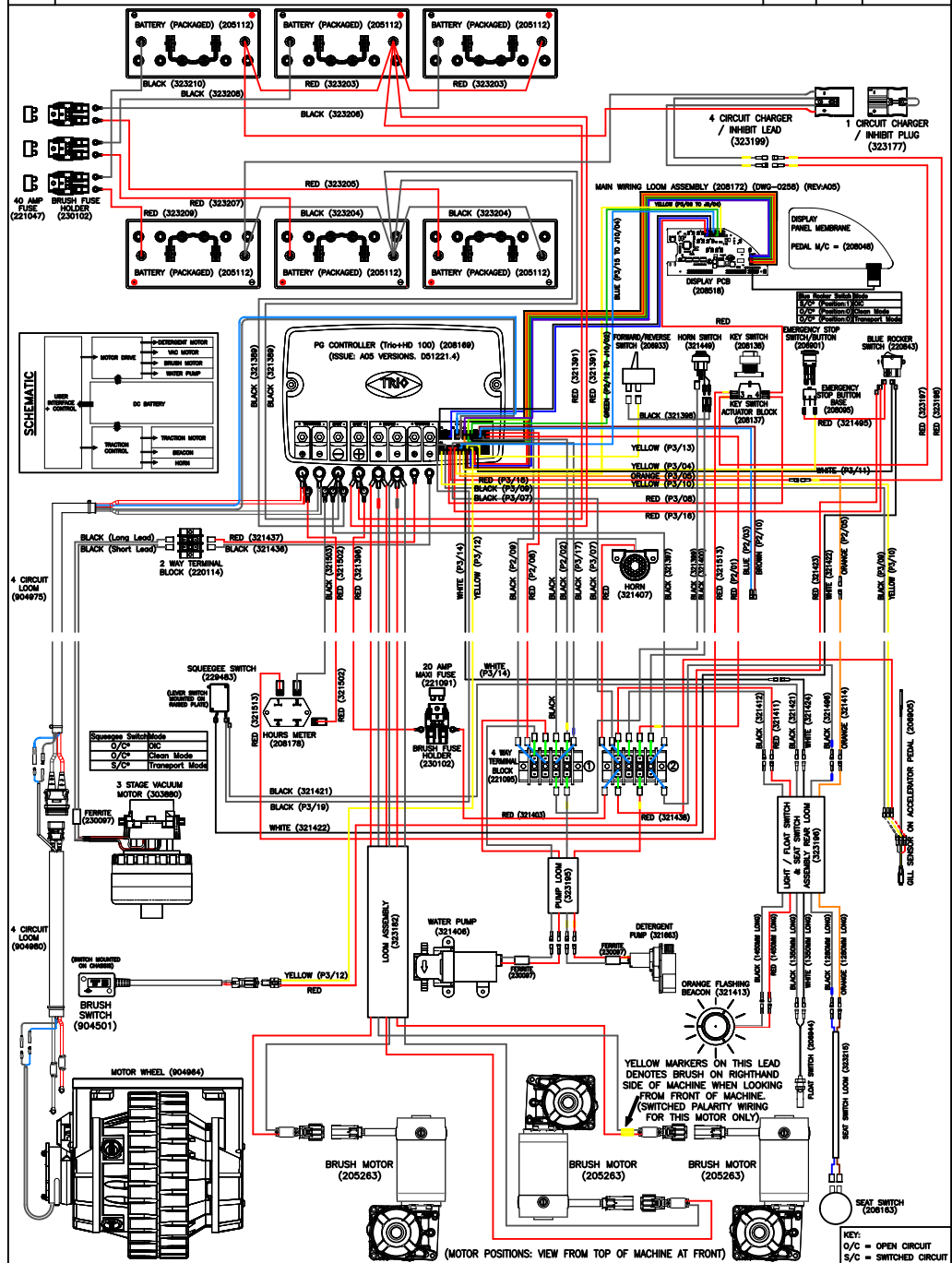
COMP. No	DRG. No
123417	DRW-15631

ISSUE	REVISION	DRAWN	APPD.	DATE
A10	35 CIRCUIT LOOM (208172) LOOM UPDATED TO ADD 2 WAY MIZU CONNECTOR & RED WIRE. LINK WIRE (321423) DELETED. BRUSH SWITCH (208748 REPLACED WITH (904501) PROW-1220	AM	MB	19/05/2017



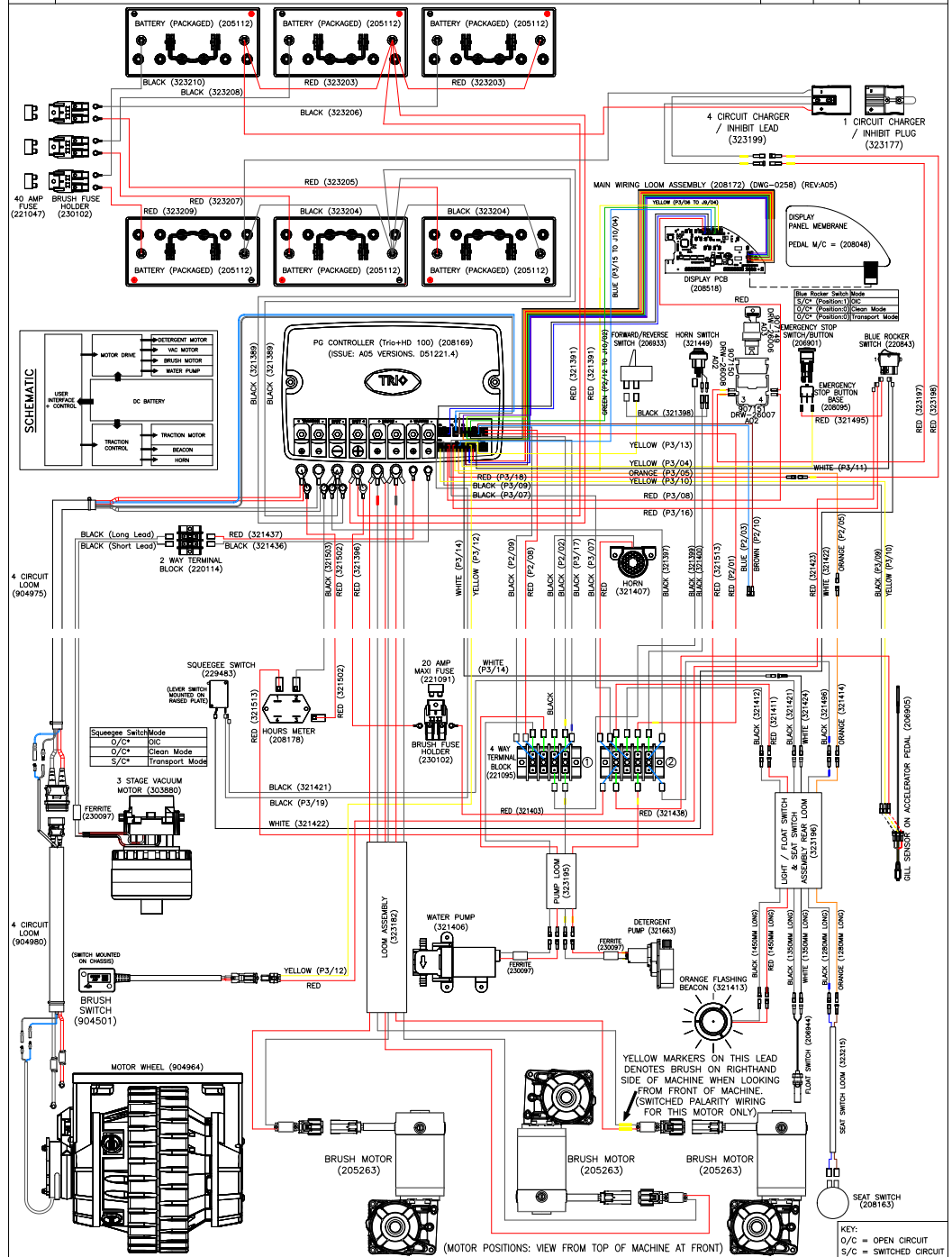
DRG. No
DRW-15631

ISSUE	REVISION	DRAWN	APPD.	DATE
A10	35 CIRCUIT LOOM (208172) LOOM UPDATED TO ADD 2 WAY MIZU CONNECTOR & RED WIRE. LINK NIRE (321423) DELETED. BRUSH SWITCH (208748 REPLACED WITH (304501) PROJ-1220	AM	MB	19/05/2017



COMP. No	DRG. No
123417	DRW-15631

ISSUE	REVISION	DRAWN	APPD.	DATE
A13	KEYSWITCH UPDATED REF: PROJ-1310	AM	MC	19/01/2018



DRG. No
DRW-15631

ISSUE	REVISION	DRAWN	APPD.	DATE
A13	KEYSWITCH UPDATED REF: PROJ-1310	AM	MC	19/01/2018

