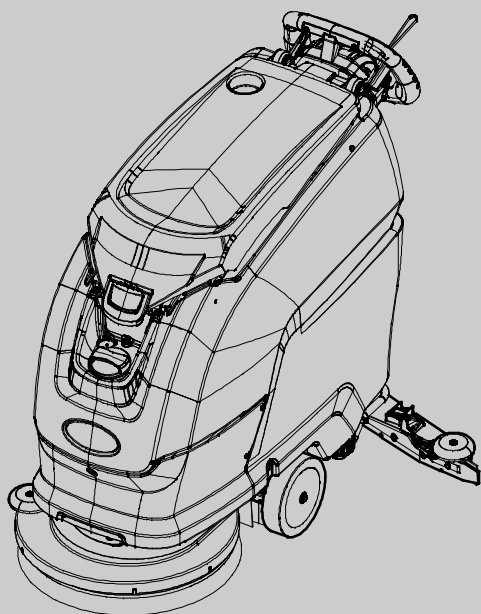




T291

Walk-Behind Floor Scrubber

Parts Manual



Model Part No.:

- LPTB03598 - SCRUBBER [T291, 50CM, PROPEL, W/O BATT, NA]
- LPTB03600 - SCRUBBER [T291, 50CM, PROPEL, Ec- H2O/SE, W/O BAT, NA]
- LPTB03603 - SCRUBBER [T291, 50CM, PAD ASSIST, W/O BATT, NA]
- LPTB03604 - SCRUBBER [T291, 50CM, PAD ASSIST, Ec- H2O/SE, W/O BATT, NA]
- LPTB03782 - SCRUBBER [T291, 50CM, PA, LI- ION, NA]
- LPTB03783 - SCRUBBER [T291, 50CM, NANO, SE, PA, LI- ION, NA]
- LPTB03784 - SCRUBBER [T291, 50CM, CONV, SP, LI- ION, NA]
- LPTB03785 - SCRUBBER [T291, 50CM, NANO, SE, SP, LI- ION, NA]



TennantTrue® Parts



North America



To view, print or download
Tennant manuals, visit:

www.tennantco.com/manuals

9023170
Rev. 01 (03-2025)

Only use TENNANT Company supplied or equivalent parts. Parts and supplies may be ordered online, by phone or from any Tennant Authorized Service Center or Distributor.

Before Ordering any parts or supplies, be sure to have the machine model number and serial number available.

Serial Number Location



Tennant Company
10400 Clean Street
Eden Prairie, MN 55344-2650
USA
Phone: (800) 553-8033
www.tennantco.com

Specifications and parts are subject to change without notice.

Copyright © 2024 TENNANT Company

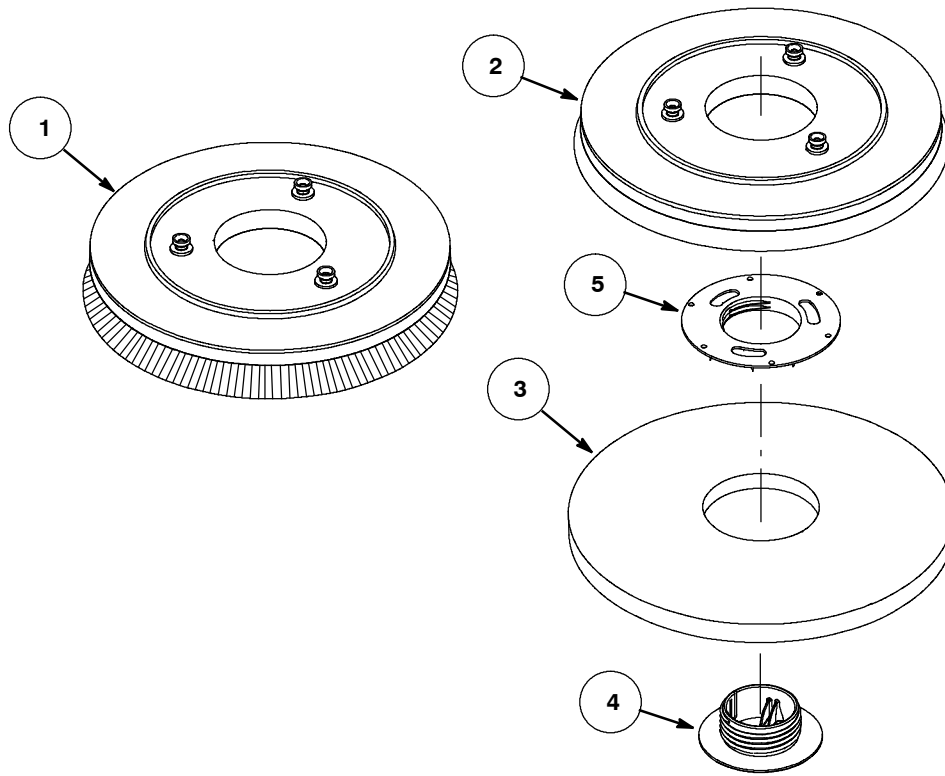
STANDARD PARTS

BRUSHES / PAD DRIVER AND PADS, 50 CM / 20 IN DISK 3	
WHEEL FRAME GROUP	4
FRAME GROUP	6
TANK COMPONENTS GROUP	8
WHEEL GROUP (Propel Model)	10
REAR WHEEL GROUP (Pad Assist Model)	12
RECOVERY TANK LID GROUP	14
TANK GROUP	15
VACUUM MOTOR GROUP	16
CONTROL BOARD GROUP	18
ELECTRICAL COMPONENTS GROUP (PROPEL MODEL) 20	
ELECTRICAL COMPONENTS WITH EcH2O GROUP (PROPEL MODEL)	24
ELECTRICAL COMPONENTS GROUP (PAD ASSIST MODEL)	28
ELECTRICAL COMPONENTS WITH EcH2O GROUP (PAD ASSIST MODEL)	32
ELECTRICAL COMPONENTS GROUP (PAD- ASSIST MODEL W/ LITHIUM ION- BATTERIES)	36
ELECTRICAL COMPONENTS GROUP (PROPEL MODEL W/ LITHIUM ION- BATTERIES)	40
ELECTRICAL COMPONENT With ECH2O GROUP (PAD- ASSIST MODEL W/ LITHIUM ION- BATTERIES) .. 44	
ELECTRICAL COMPONENT With ECH2O GROUP (PROPEL MODEL W/ LITHIUM ION- BATTERIES)	48
DRAIN HOSE GROUP	52
SQUEEGEE GROUP	54
SQUEEGEE SUPPORT GROUP	56
SCRUB HEAD GROUP	58
SCRUB HEAD SUPPORT BRACKET GROUP	60
HEAD LIFT PEDAL GROUP	61
SPLASH GUARD GROUP	62
BATTERY & CHARGER GROUP	64
SEVERE ENVIRONMENT GROUP	66
Ec- H2O NANOCLEAN GROUP	68
Ec- H2O NANOCLEAN PUMP GROUP	70
INVENTUS BATTERIES WITH BATTERY STATUS INDICATOR (BSI) - LITHIUM- ION BATTERIES ...	72

RECOMMENDED SPARE PARTS LIST

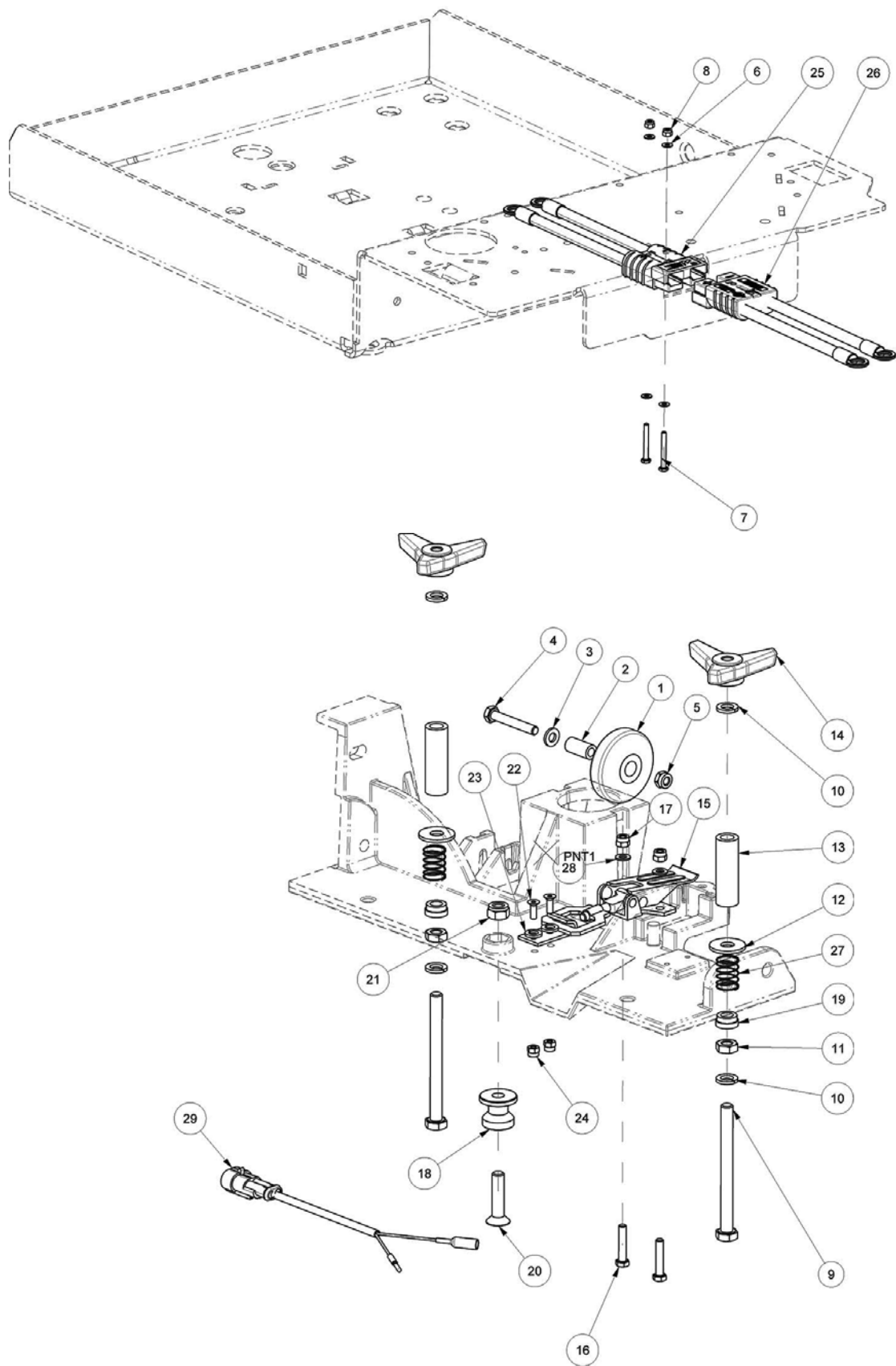
Part No.	Description
SPPV01332	BRUSH ASSY, DISK, SCB, 50CM, PYP
SPPV01495	BRUSH ASSY, DISK, SCB, 50CM, MIX FIBER, SOFT
SPPV01335	DRIVER ASSY, PAD, 50CM, 3- LUG
SPPV01492	BRUSH, DISK, SCB, 50CM, 120 GRIT, ABRASIV
SPPV01493	BRUSH, DISK, SCB, 50CM, 240 GRIT, ABRASIV
SPPV01494	BRUSH, DISK, SCB, 50CM, 320 GRIT, ABRASIV
1243338	PAD, POLISH, 20.0D, WHITE [QTY 5]
1243339	PAD, BUFF, 20.0D, RED [QTY 5]
1243340	PAD, SCRUB, 20.0D, BLUE [QTY 5]
1243566	PAD, STRIP, 20.0D, BROWN [QTY 5]
1243661	PAD, STRIP, 20.0D, BLACK, HI PROD [QTY 5]
1243670	PAD, SURF PREP, 20.0D MAROON [QTY 5]
1073751	PAD, POLISH, 20.0D, PURPLE [QTY 5]
1073756	PAD, POLISH, 20.0D, SIENNA [QTY 5]
1240393	PAD, POLISH, 20.0D, YELLOW [QTY 5]
9015731	BLADE KIT, LINATEX (STANDARD)
1203953	BLADE, SQGE, REAR, LINATEX (STANDARD)
1203954	BLADE, SQGE, FRONT, LINATEX (STANDARD)
9015732	BLADE KIT, URETHANE
1215609	BLADE, SQGE, REAR, URETHANE
1215611	BLADE, SQGE, FRONT, URETHANE
9015730	BLADE KIT, GUM
1215610	BLADE, SQGE, REAR, GUM
1215612	BLADE, SQGE, FRONT, GUM
1268974	Battery, 12VDC 145AH AGM
130869	BATTERY, WET, 12VDC 130AH
1015046	BATTERY, WET, 12VDC 150AH
BACA00305	BATTERY CHARGER 24V 13AH CULUS WET
1069835	CHARGER POWER CORD, 120VAC
RTRT00577	WHEEL D.200 [PAD ASSIST MODEL]
897346	WHEEL D.200 [TRACTION MODEL]
MECE00746	BOARD, DISPLAY [PAD AST MODEL]
MECE00803	PANEL, DISPLAY, CT 51, 71 BF
MECE00733	BOARD, PCB [PAD AST MODEL]
MECE00786	BOARD, PCB [TRACTION MODEL]
MOCC00465	TRANSAXLE, MOTOR ASSY [TRACTION MODEL]
9017743	BRUSH KIT, MOTOR, TRANSAXLE [2 PC]
MOCC00449	MOTOR, BRUSH [T291]
MEVR02923	BRUSH KIT, CARBON, BRUSH MOTOR [4 PC]
9017716	FAN, MOTOR
9017687	BRUSH, CARBON, VAC FAN MOTOR
GUG000509	GASKET VACUUM MOTOR
KTRI04699	HOSE ASSY, RECVY
FTDP00678	FILTER, VACUUM MOTOR
MTCR00107	CHAIN, SQUEEGEE, LIFT
TBFX01069	HOSE, DRAIN, RECOVERY TANK
9017718	VALVE, WATER, SOLENOID, 24VDC
MPVR13036	HANDLE SQUEEGEE LIFTING
9017788	CASTER, SWIVEL, PYU, 80MM X 25MM
9018501	WHEEL, SQUEEGEE
MPVR01097	HOOK, DRAIN HOSE
MPVR12967	LEVER CLOSURE LID
KTRI06722	KIT, FILTER SOLUTION TANK
MECI00592	SENSOR, SOLUTION TANK
MECI00662	SENSOR LEVEL, RECOVERY TANK
9018332	FUSE, 50A
897301	FUSE 30A OMEGA FT3030
KTRI06373	SEVERE ENVIRONMENT KIT (OPTION)
MECB01964	WIRING CONNECTION CHARGER/BATT.
MEVR02641	KEY, ELECTRONIC [PAD ASSIST MODEL]
9013646	CARTRIDGE, EC- H2O NANOCLEAN

BRUSHES / PAD DRIVER AND PADS, 50 CM / 20 IN DISK



Ref.	Part No.	Mfr. Date	Description	Qty.
1	SPPV01332	()	Brush Assy, Disk, Scb, 50cm, Pyp	1
1	SPPV01495	()	Brush Assy, Disk, Scb, 50cm, Soft	1
1	SPPV01492	()	BRUSH, DISK, SCB, 50CM, 120 GRIT, ABRASIV	1
1	SPPV01493	()	BRUSH, DISK, SCB, 50CM, 240 GRIT, ABRASIV	1
1	SPPV01494	()	BRUSH, DISK, SCB, 50CM, 320 GRIT, ABRASIV	1
2	SPPV01335	()	Driver Assy, Pad, 50cm, 3- Lug	1
3	1243338	()	Pad, Polish, 20.0d, White [Qty 5]	1
3	1243339	()	Pad, Buff, 20.0d, Red [Qty 5]	1
3	1243340	()	Pad, Scb, 20.0d, Blu [Qty 5]	1
3	1243566	()	Pad, Stripping, 20.0d, Brn [Qty 5]	1
3	1243661	()	Pad, Strip, 20.0d Blk[Hi Prod Qty 5]	1
3	1243670	()	Pad, Surf Prep, 20.0d Maroon[Qty 5]	1
3	1240393	()	Pad, Polish, 20.0d, Yel [Qty 5]	1
3	1073751	()	Pad, Polish, 20.0d, Purple [Qty 5]	1
3	1073756	()	Pad, Polish, 20.0d, Sienna [Qty 5]	1
4	MPVR04088	()	Lock, Cntr, Pad, Driver	1
5	SPPV00489	()	Lock, Cntr, Pad, Driver	1

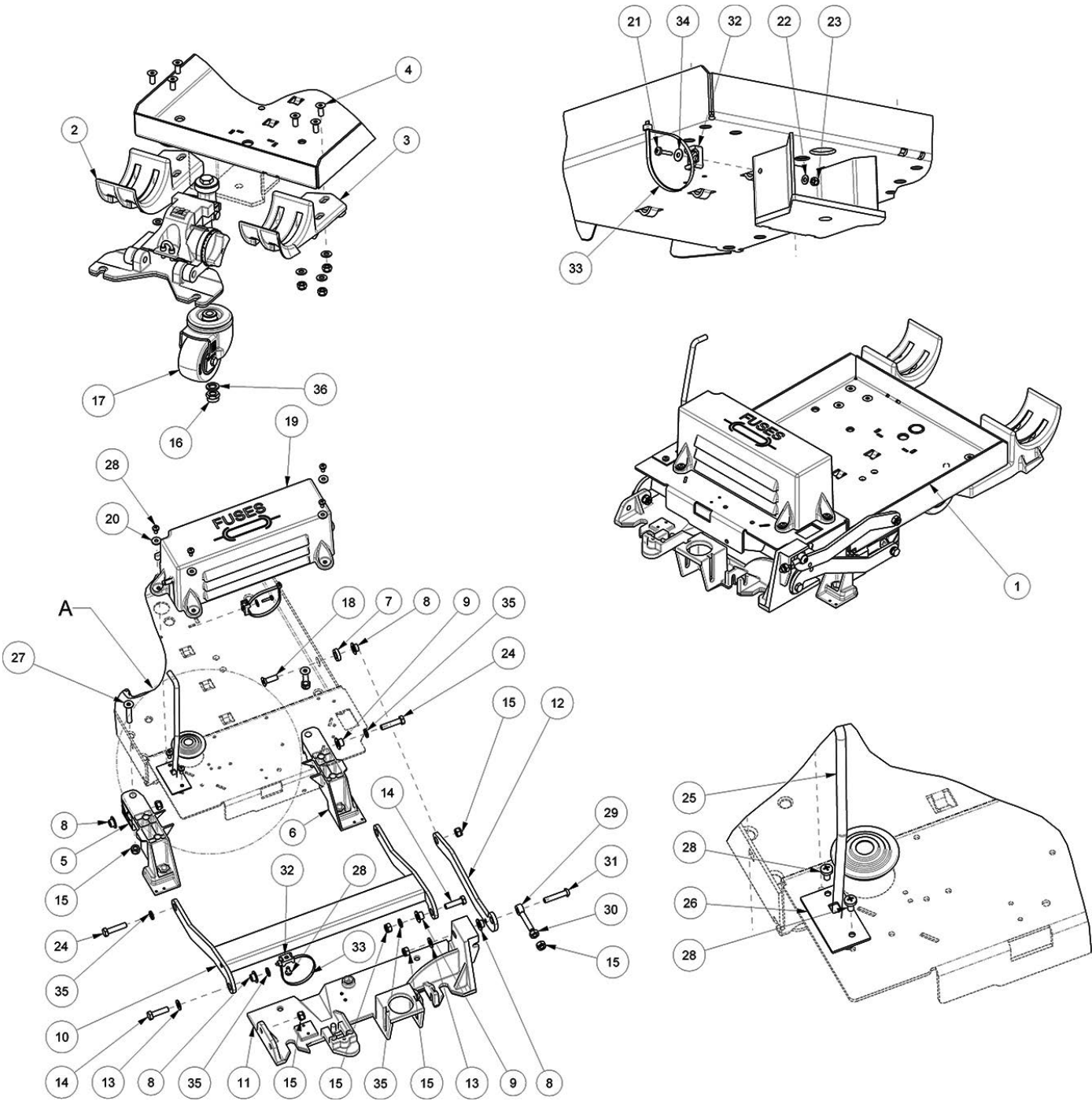
WHEEL FRAME GROUP



WHEEL FRAME GROUP

Ref.	Part No.	Mfr. Date	Description	Qty.
1	RTRT00576	(	) Wheel, 50d 10.5b 17w	1
2	MPVR06501	(	) Spacer	1
3	897106	(	) Washer, Flat, 11d 6b 1.6, Ss, Uni6592	1
4	VTVT15145	(	) Screw, Hex, M6x40, Ss, Uni5739	1
5	VTDD01700	(	) Nut, M6 Inox+Zin.	1
6	897193	(	) Washer, 3d, Ss	4
7	VTVT00021	(	) Screw, Hex, M3x25, Uni5739	2
8	9018496	(	) Nut, Hex, Lock, M3, NI Din985	2
9	VTVT01321	(	) Screw, Hex, M8x90, Uni5739	2
10	897216	(	) Washer, 8b, Ss, Uni1751	4
11	VTDD00057	(	) Nut, Hex, Thin, M8, Brs, Uni5589	2
12	897120	(	) Washer, Flat, 24d 8b, Ss, Uni6593	2
13	LAFN11002	(	) Spacer, 9b 15d 47	2
14	MPVR04164	(	) Knob, Yel	2
15	LAFN09418	(	) Hook, Brush, Head	1
16	VTVT00766	(	) Screw, Hex, M5x25	2
17	VTDD15517	(	) Nut, Hex, M5, Ss	2
18	LAFN09419	(	) Pin	1
19	LAFN11089	(	) Spacer, 8.5b 15d 7	2
20	VTVT00427	(	) Screw, Flt, Soc, M8x35, Ss, Uni5933	1
21	VTDD01701	(	) Nut, Hex, M8, Ss	1
22	VTVT00474	(	) Screw, Flt, Soc, M4x12, Uni5933	2
23	897129	(	) Washer, M6, Ss, Uni1751	2
24	897160	(	) Nut, Hex, M4, Ss	2
25	MECB01947	(	) Cable Assy, Brush, Head, Board	1
26	MECB01946	(	) Cable Assy, Brush, Head, Motor	1
27	MLML00348	(	) Spring, Cmpr, 15d 0.7wir 20l	2
28	897166	(	) Washer, 5d, Ss	2
29	MECB02024	(	) Harness, Brush, Motor, Thermal	1

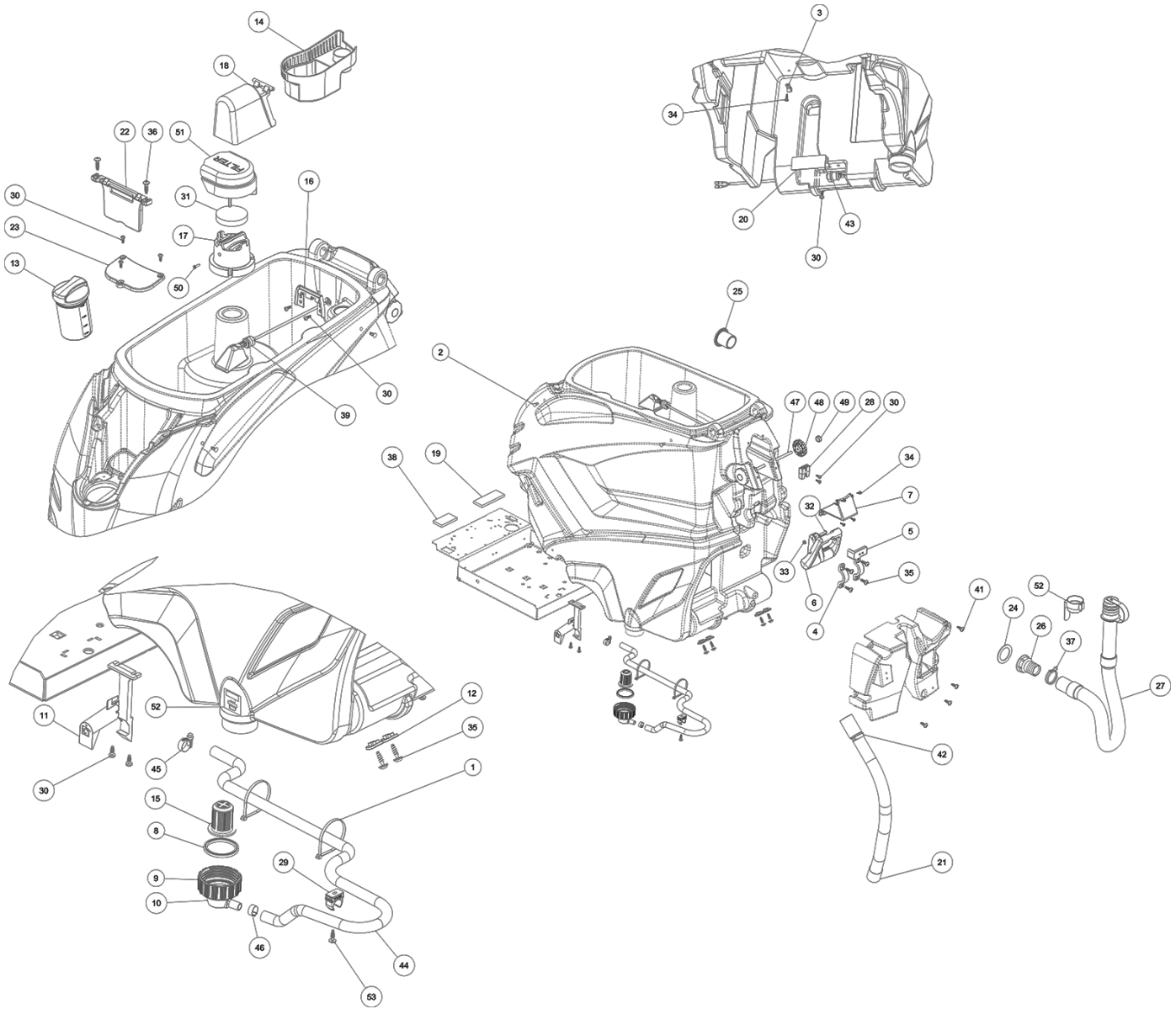
FRAME GROUP



FRAME GROUP

Ref.	Part No.	Mfr. Date	Description	Qty.
1	LAFN09477	(	) Frame Wldt	1
2	MFVR00286	(	) Support	1
3	MFVR00287	(	) Support	1
4	VTVT01352	(	) Screw, Flt, Soc, M8x20	6
5	MFVR00283	(	) Support	1
6	MFVR00284	(	) Support	1
7	LAFN11009	(	) Spacer, 11.5b 20d 5.1	1
8	897218	(	) Bushing, Flng, 8.2b 12d 7.8l	4
9	LAFN10998	(	) Bushing, Flng, 8.3b 12d 9.7	2
10	LAFN09420	(	) Arm Wldt	1
11	MFVR00240	(	) Bracket Wldt, Brush, Head, Sppt	1
12	LAFN09421	(	) Link, Brush	1
13	897152	(	) Washer, 8d, Ss, Uni6592	8
14	VTVT00140	(	) Screw, M8x30	2
15	VTDD01701	(	) Nut, Hex, M8, Ss	15
16	897241	(	) Nut, Hex, M12, Ss	1
17	RTRT00689	(	) Turning Wheel D.80x40 Greythane 75sha	1
18	VTVT00781	(	) Screw, Flt, Soc, M8x25	1
19	MPVR06505	(	) Cover, Ele, Box	1
20	897384	(	) Washer, 5b, 14d, Ss	4
21	897123	(	) Screw, M4x16	1
22	897156	(	) Washer, 4d, Ss	1
23	897276	(	) Nut, Hex, M4	1
24	VTVT00017	(	) Screw, Hex, M8x35, Uni5739	2
25	LAFN11014	(	) Rod, Tank	1
26	LAFN11077	(	) Plate	1
27	VTVT01322	(	) Screw, Flt, Soc, M8x45, Ss, Uni5933	2
28	VTVT01297	(	) Screw, Pan, Phl, M4x8, Fmg, Uni8112	7
29	VTVR00335	(	) Bolt, Eye, M8 X 50mm, 8.00 Eye	1
30	897229	(	) Nut, Hex, Std, M8, Ss, Uni5588	1
31	VTVT01431	(	) Screw, M8x40	1
32	MPVR10765	(	) Clamp, Sppt	2
33	FSVR00049	(	) Tie, Cable, 4.5x200, Blk	2
34	VTRS00017	(	) Washer, 12d 4b, Ss	1
35	897216	(	) Washer, 8b, Ss, Uni1751	4
36	897544	(	) Washer, 12d, Ss, Uni1751	1

TANK COMPONENTS GROUP



Ref.	Part No.	Mfr. Date	Description	Qty.
1	FSVR00049	(	) Tie, Cable, 4.5x200, Blk	2
2	MPVR11355	(	) Clip	2
3	897334	(	) Clamp, Cable, 9.5d	1
4	MPVR06470	(	) Clamp, 41b	1
5	MPVR10564	(	) Clamp, Handle	1
6	MPVR13036	(	) Lever, Sqge, Lift	1
7	MPVR10571	(	) Flange	1
▽	KTRI06722	(	) KIT, Filter Solution Tank	
▲ 8	GUG000764	(	) Gasket, Rubber	1
9	MPVR06561	(	) Cap, Soltn, Tank	1
▲ 10	MPVR10566	(	) Fitting, Hose, Soltn	1
11	MPVR06475	(	) Lever, Tank, Locking	1

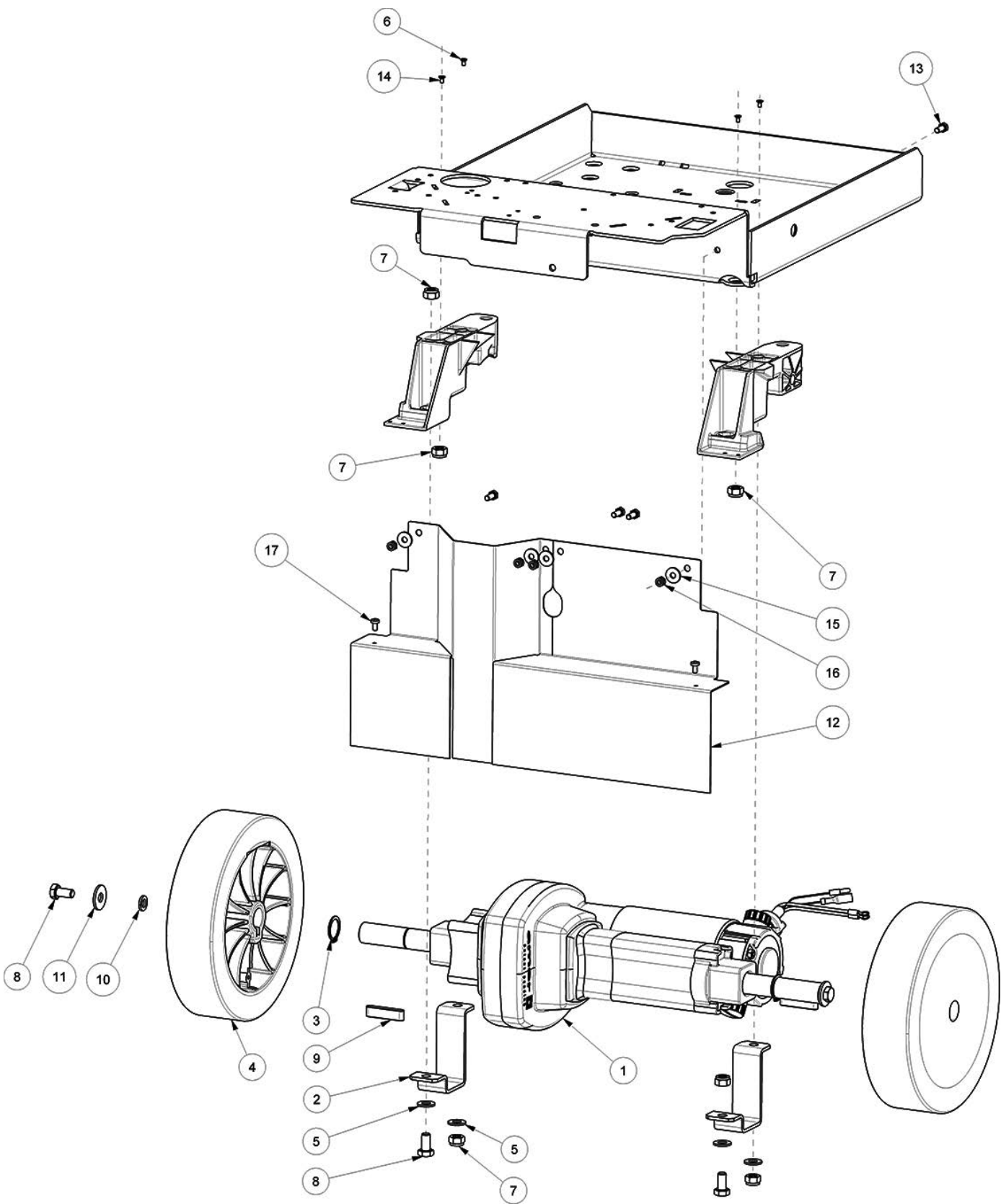
TANK COMPONENTS GROUP

Ref.	Part No.	Mfr. Date	Description	Qty.
12	MPVR10562	()	Guard, Tank	4
13	897463	()	Cap, Soltn, Tank	1
14	MPVR06490	()	Tray, Debris, Tank, Recvy	1
▲ 15	MPVR13717	()	Filter Cartridge	1
16	MPVR10576	()	Support	1
17	MPVR11676	()	Support, Fltr	1
18	MPVR06560	()	Deflector, Tray, Debris	1
19	MPVR11766	()	Tape, 110x40x8.5	1
20	LAFN11043	()	Bracket, Tank	1
21	KTRI04699	()	Hose Assy, Sqge, Recvy	1
22	MPVR13045	()	Support, Latch, Cover	1
23	MPVR13046	()	Cover	1
24	GUG000216	()	Gasket, Tank, Drain, Hose, Cuff	1
25	RCVR00339	()	Connector	1
26	RCVR01103	()	Connector	1
27	TBFX01069	()	Hose Assy, Drain, Recvy, Tank	1
28	MPVR11684	()	Mount, Hose, Drain	1
29	MPVR12708	()	Clip	1
30	VTVT01073	()	Screw, Pan, Torx, 6x16, Fmg, Kn1039	10
31	FTDP00678	()	Filter, Vacuum, Motor	1
32	VTVT01714	()	Screw, Pan, Soc, M6x30	1
33	VTDD01700	()	Nut, Hex, M6, Ss	1
34	VTVT01072	()	Screw, Pan, Torx, 5x16, Fmg, Kn1038	5
35	VTVT01429	()	Screw, Pan, Torx, 8x30, Fmg, Kn1038	8
36	VTVT01429	()	Screw, Pan, Torx, 8x30, Fmg, Kn1038	2
37	FSVR00262	()	Clamp	1
38	MPVR11767	()	Tape, 75x40x8.5	1
39	MECI00662	()	Sensor, Level, Liq	1
40	MPVR04659	()	Guide, Hose	1
41	VTVT01430	()	Screw, Pan, Torx, 8x22, Fmg, Kn1038	4
42	MPVR06119	()	Hose, Collar, Yel	1
43	MECI00592	()	Sensor, Level, Liq	1
44	897256	()	Hose, Pvc, Clr, 12id 18od	1
45	897362	()	Clamp, Hose, Wormdrive, 12- 20d	1
46	897257	()	Clamp, Hose	1
47	VTVR01001	()	Rod, Thrd, Full, M8 X 175mm	1
48	KTRI05357	()	Knob, Adjmt	1
49	KTRI05357	()	Knob, Adjmt	1
50	VTVT00835	()	Screw, 4.5- 20, Ss, Din 7505- A	1
51	MPVR11641	()	Cover, Fltr	1
52	MPVR01097	()	Clip, Hose, Drain	1
53	VTVT01591	()	Screw, Pan, Torx, 6x20, Fmg, Kn1038	1

▽ ASSEMBLY

▲ INCLUDED IN ASSEMBLY

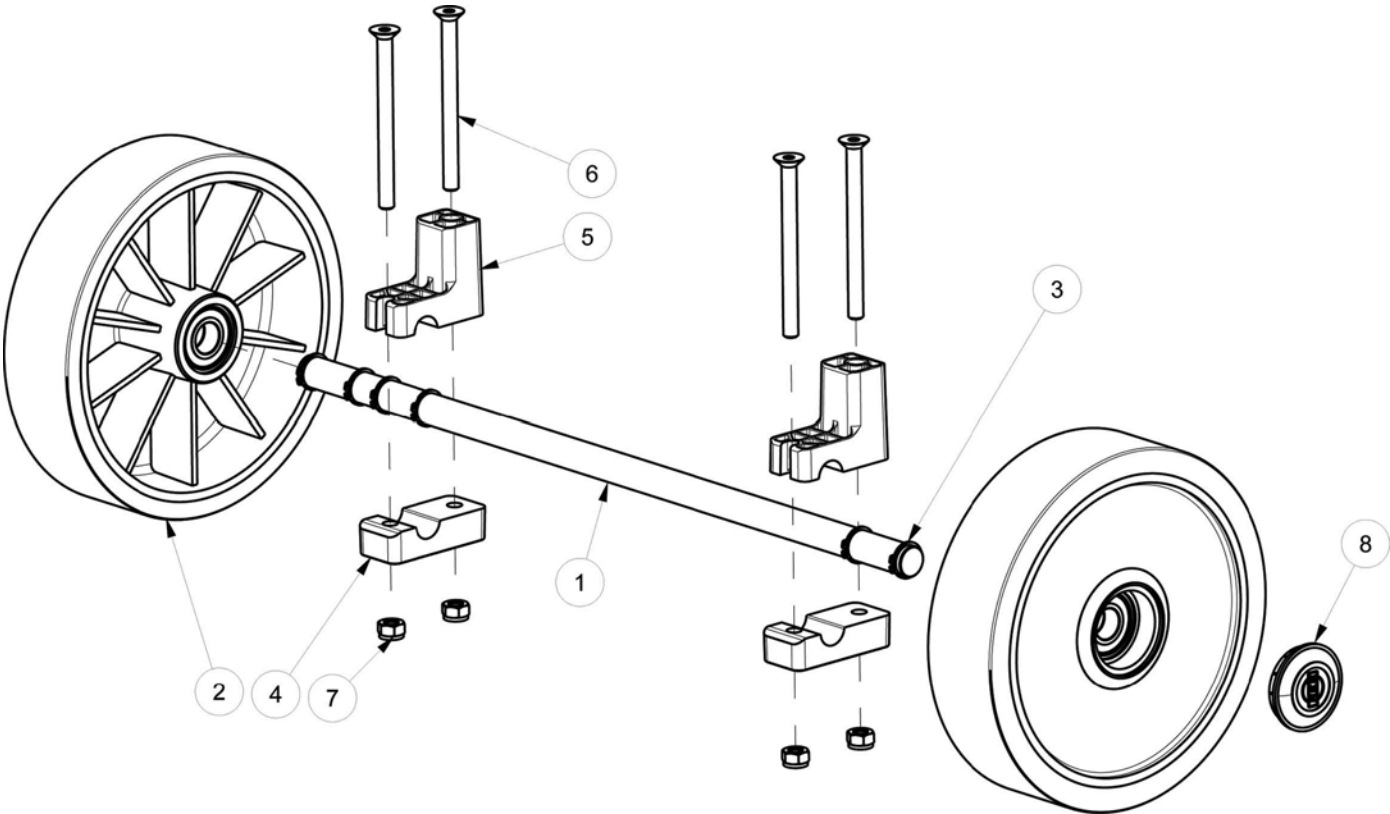
WHEEL GROUP (Propel Model)



WHEEL GROUP (Propel Model)

Ref.	Part No.	Mfr. Date	Description	Qty.
1	MOCC00465	(	) Transaxle Assy, 24v, 200w	1
1	9017743	(	) Vr, Brush Kit, Motor, Transaxle [2 Pc]	2
2	LAFN09453	(	) Bracket, Sppt, Traction, Motor	2
3	897280	(	) Ring, Retaining, Ext, 20d, Uni7435	2
4	897346	(	) Wheel, 200d	2
5	897152	(	) Washer, 8d, Ss, Uni6592	4
6	VTVT01589	(	) Screw, Flt, Soc, M8x40, Uni5933 A2	2
7	VTDD01701	(	) Nut, Hex, M8, Ss	6
8	897184	(	) Screw, Hex, M8x16, Uni5739	4
9	897351	(	) Key, 6x10x40, Uni6604 A	2
10	897216	(	) Washer, 8b, Ss, Uni1751	2
11	897120	(	) Washer, Flat, 24d 8b, Ss, Uni6593	2
12	MPVR10760	(	) Skirt, Motor	1
13	897459	(	) Screw, Hex, M5x12, Ss	4
14	VTVT00992	(	) Screw, M8x55, Ss	2
15	897384	(	) Washer, 5b, 14d, Ss	4
16	VTDD01693	(	) Nut, Hex, M5, Ss	4
17	897140	(	) Screw, Pan, Phl, M4x8, Fmg, Uni8112	2

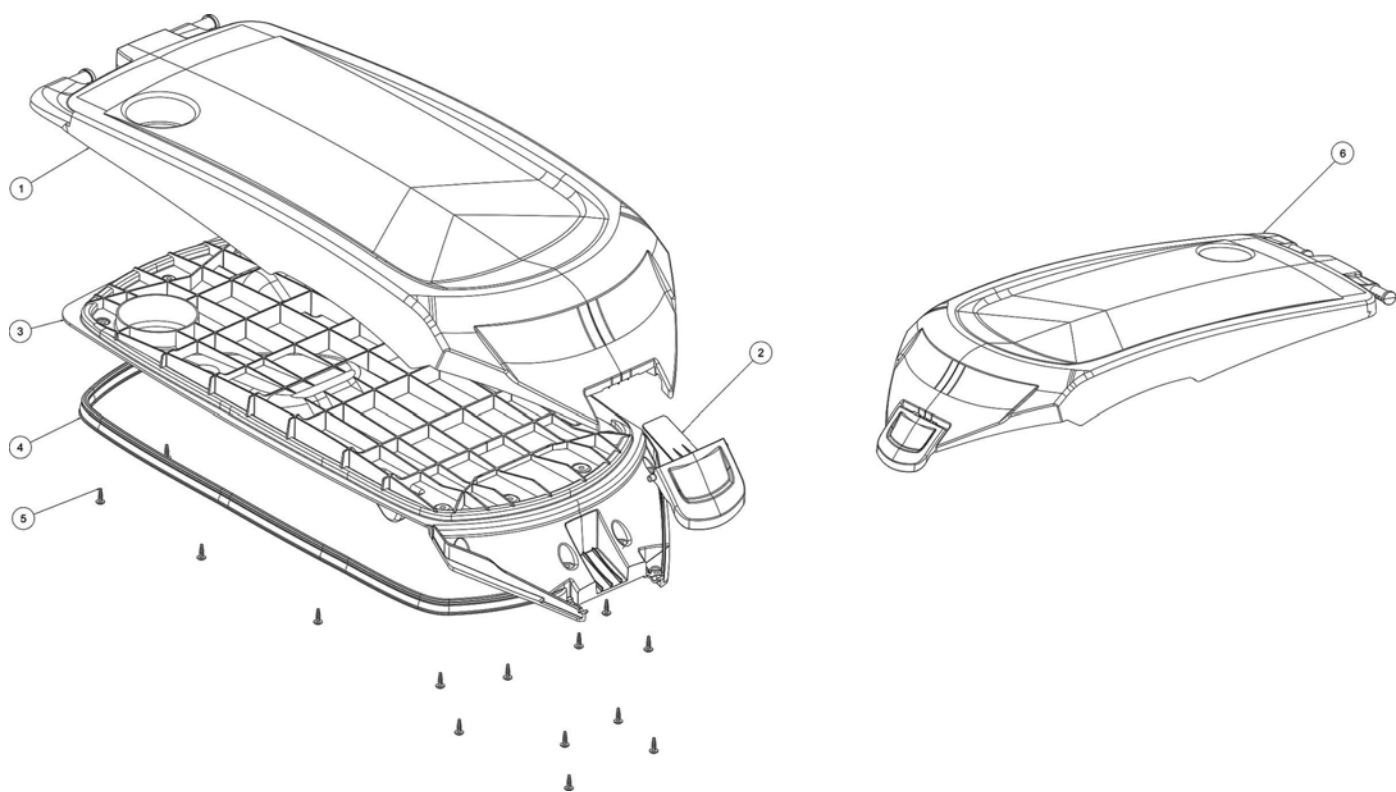
REAR WHEEL GROUP (Pad Assist Model)



REAR WHEEL GROUP (Pad Assist Model)

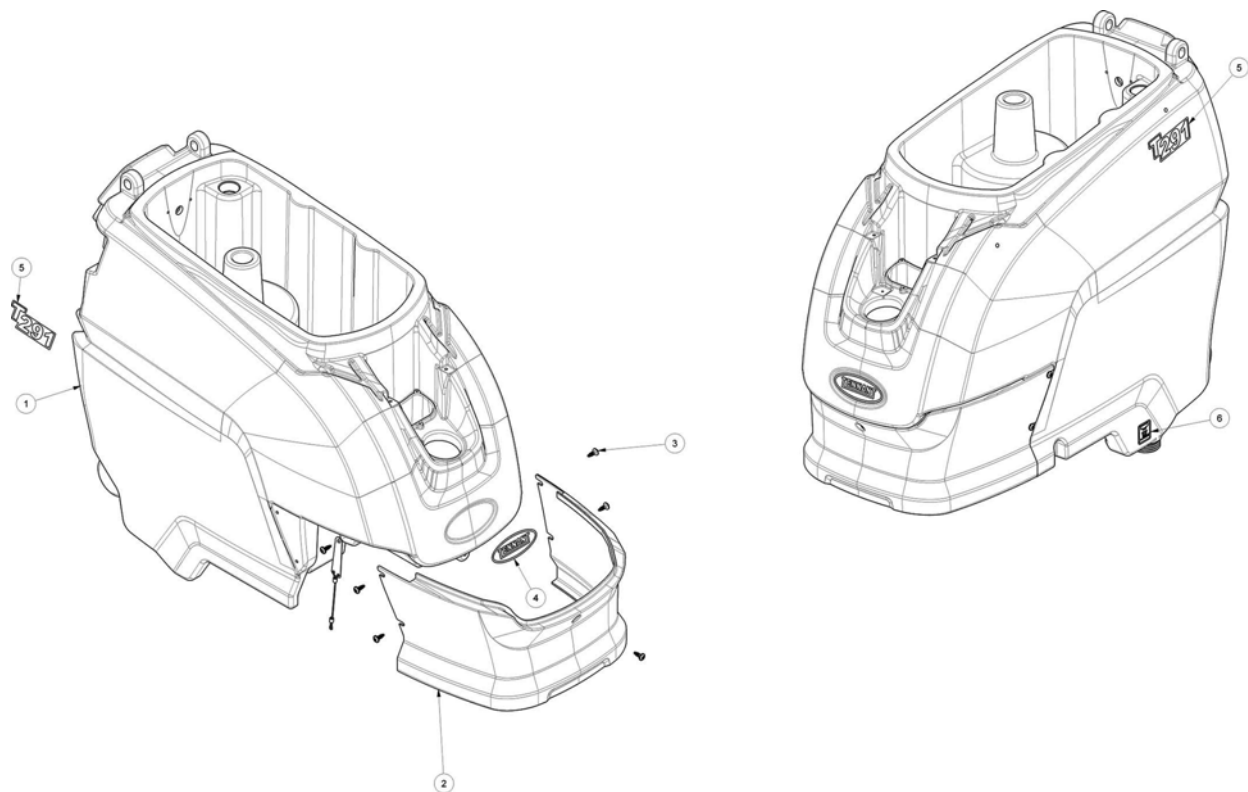
Ref.	Part No.	Mfr. Date	Description	Qty.
1	LAFN09422	(	) Axle	1
2	RTRT00577	(	) Wheel, 200d	2
2	897346	(	) Wheel, 200d	2
3	VTAE00084	(	) Ring, Retaining, 20mmd	6
4	MPVR06485	(	) Hose, Collar	2
5	MPVR10579	(	) Support	2
6	VTVT01590	(	) Screw, Flt, Soc, M8x100, Uni5933 A2	4
7	VTDD01701	(	) Nut, Hex, M8, Ss	4
8	MPVR11199	(	) Cap, 39id	2

RECOVERY TANK LID GROUP



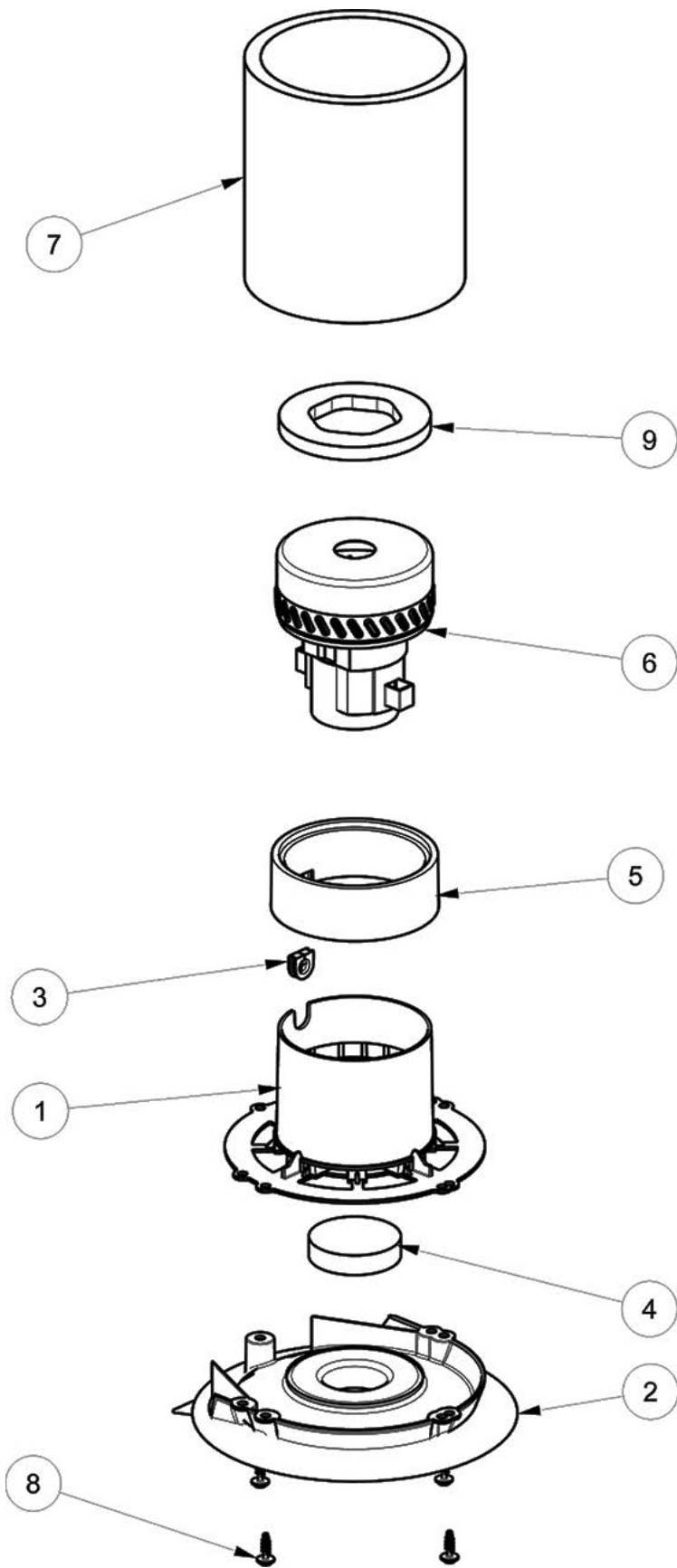
Ref.	Part No.	Mfr. Date	Description	Qty.
1	MPVR13035	(	) Cover, Recvy, Tank, Top	1
2	MPVR12967	(	) Latch, Cover	1
3	MPVR13047	(	) Cover, Recvy, Tank, Bottom	1
4	GUVR01019	(	) Gasket, Recvy, Tank, Lid	1
5	VTVT01072	(	) Screw, Pan, Torx, 5x16, Fmg, Kn1038	17
6	KTRI06346	(	) Cover Assy, Recvy, Tank	1

TANK GROUP



Ref.	Part No.	Mfr. Date	Description	Qty.
1	MPVR12965	(	) Tank [T291]	1
2	MPVR12966	(	) Cover, Head, Brush	1
3	VTVT01430	(	) Screw, Pan, Torx, 8x22, Fmg, Kn1038	4
4	KTRI06377	(	) Label Kit [T291] (Includes Items 5&6)	1
5	KTRI06377	(	) Label Kit [T291]	2
6	KTRI06377	(	) Label Kit [T291]	1

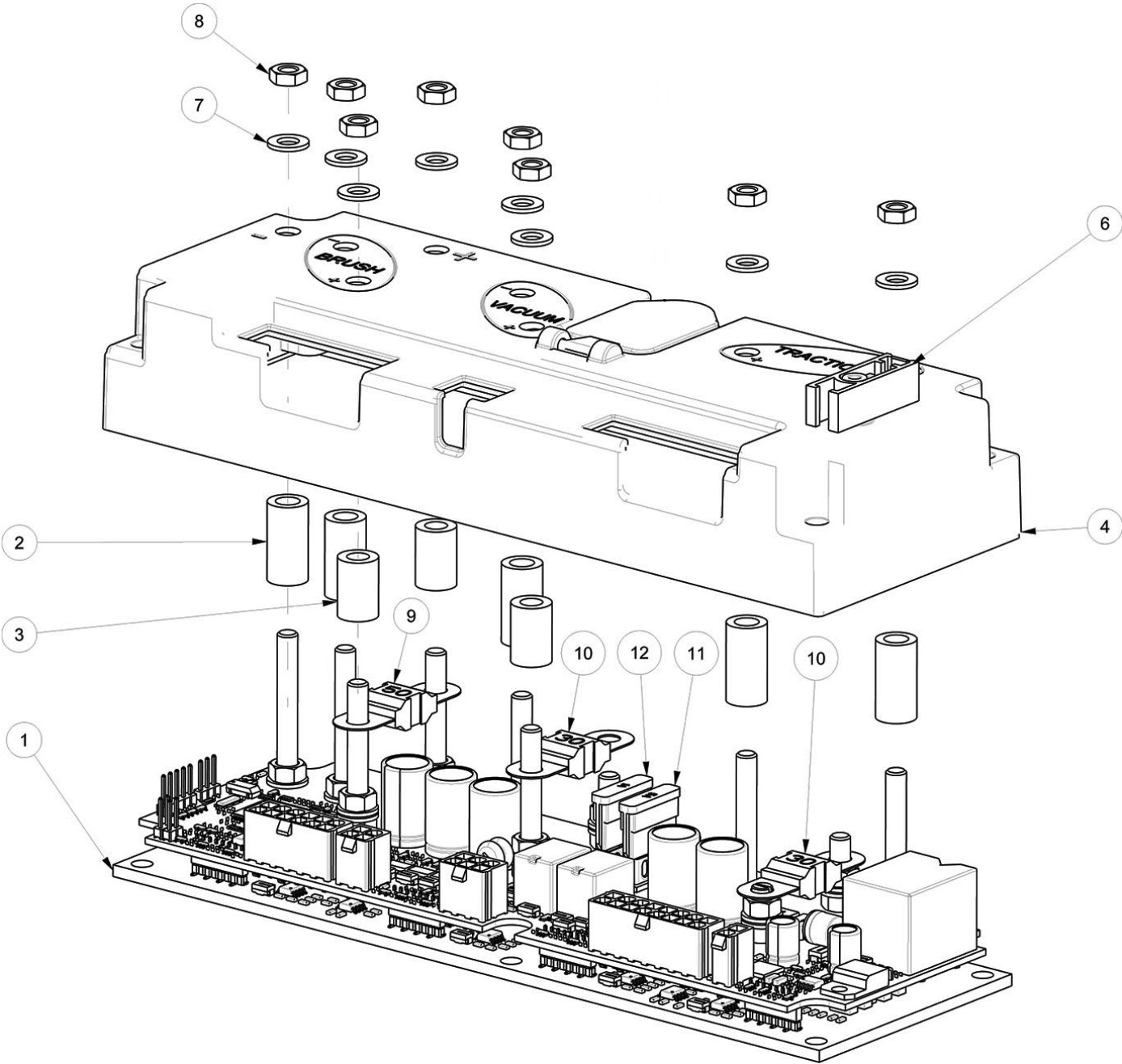
VACUUM MOTOR GROUP



VACUUM MOTOR GROUP

Ref.	Part No.	Mfr. Date	Description	Qty.
1	GUG000733	(	) Gasket Rbr Vac Fan [T291,T391,T581,Ct51]	1
1	MPVR13522	(	) Support Deflector Vac Motor [T291,T391]	1
2	MPVR06480	(	) Cover, Vacuum, Motor	1
5	GUG000733	(	) Gasket Rbr Vac Fan [T291,T391,T581,Ct51]	1
6	9017716	(	) Fan, Vacuum	1
6	9017687	(	) Vr, Brush Kit, Motor, Vacfan	1
7	ITS000076	(	) Insulation, Acstc, Vacuum, Motor	1
8	VTVT01429	(	) Screw, Pan, Torx, 8x30, Fmg, Kn1038	4
9	GUG000509	(	) Gasket, Vacuum, Motor	1

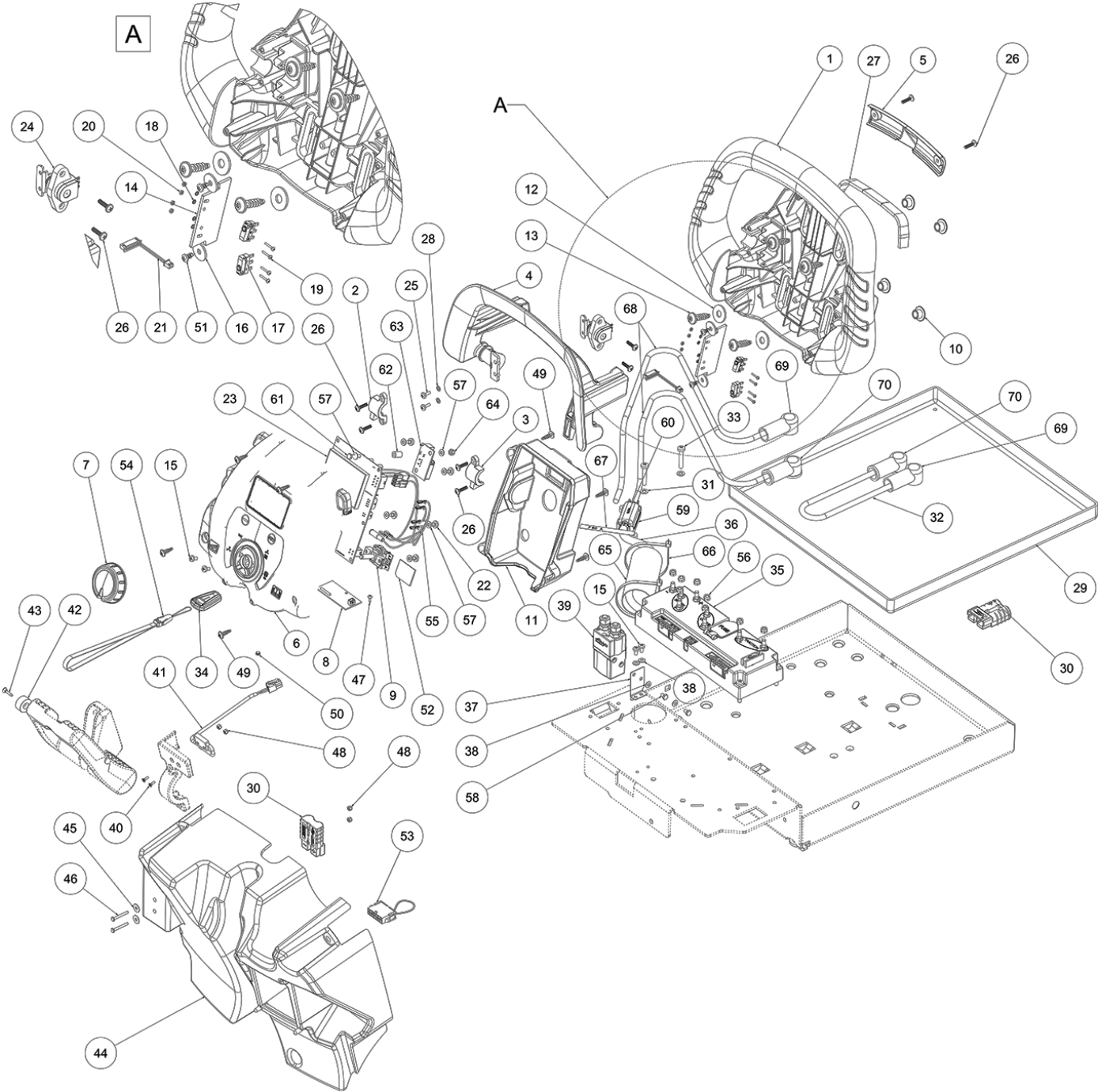
CONTROL BOARD GROUP



CONTROL BOARD GROUP

Ref.	Part No.	Mfr. Date	Description	Qty.
	MECE00786	(	) Panel, Traction Compelte	
1	MECE00812	(	) Circuitboard, Traction	1
2	MPVR06501	(	) Spacer	5
3	LAFN01298	(	) Spacer Plastic 10x5,5x15	3
4	MPVR11449	(	) Cover, Circuit Board	1
6	MEVR01153	(	) Fuse, Removal, Tool	1
7	897166	(	) Washer, 5d, Ss	8
8	VTDD00209	(	) Nut, Hex, Thin, M5, Uni5589	8
9	9018332	(	) Fuse, 50a	1
10	897301	(	) Fuse, 30a [Omega Ft3030]	2
11	MEVR01132	(	) Fuse, 5a	1
12	MEVR00563	(	) Fuse, 1a	1

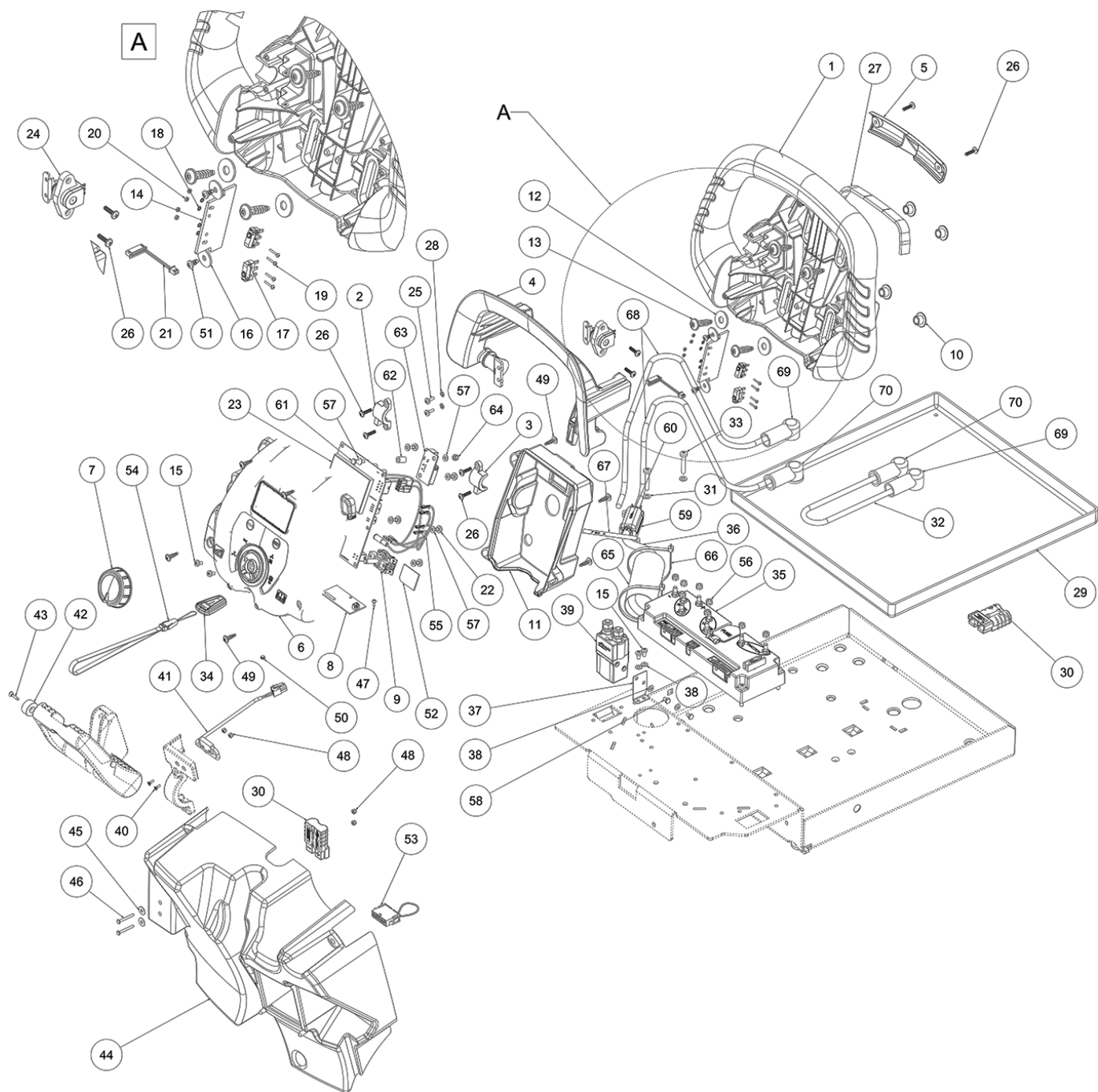
ELECTRICAL COMPONENTS GROUP (PROPEL MODEL)



ELECTRICAL COMPONENTS GROUP (PROPEL MODEL)

Ref.	Part No.	Mfr. Date	Description	Qty.
1	MPVR13039	(	) Handle, Hsng, Cntrl	1
2	MPVR06528	(	) Clamp, Bail, Lh	1
3	MPVR07177	(	) Clamp, Bail, Rh	1
4	MPVR06526	(	) Handle, Bail	1
5	MPVR13040	(	) Cover, Handle	1
6	MPVR13754	(	) Housing, Cntrl, Top, GRY [T291,T391]	1
7	MPVR13038	(	) Knob, Blk, Selector	1
8	KTRI05583	(	) Kit, Controller [repl F/00743/00804]	1
9	MECI00587	(	) Switch, Rotary	1
10	LAFN10998	(	) Bushing, Flng, 8.3b 12d 9.7	4
11	MPVR11640	(	) Cover, Controller	1
12	897120	(	) Washer, Flat, 24d 8b, Ss, Uni6593	4
13	VTVT01429	(	) Screw, Pan, Torx, 8x30, Fmg, Kn1038	4
14	MPVR11198	(	) Spacer	1
15	897140	(	) Screw, Pan, Phl, M4x8, Fmg, Uni8112	4
16	VTRS00291	(	) Washer, Flat, 20d 5b, Uni6593	2
17	MECI00588	(	) Switch, Micro	2
18	VTRS00581	(	) Washer, 2d	4
19	VTVT01592	(	) Screw, M2x12	4
20	VTDD00213	(	) Nut, Hex, M2	4
21	MECB02058	(	) Harness	1
22	897574	(	) Screw, M5x10, Uni9707	5
23	MECE00803	(	) Panel, Display, Ct 51, 71 Bf	1
23	MECE00746	(	) Circuitboard, Display	1
24	MEVR02389	(	) Potentiometer, 45deg	1
25	897180	(	) Screw, M4x10, Ss	2
26	897669	(	) Screw, M4x16	8
27	MPVR10772	(	) Gasket, 4x15, 190l	1
28	897204	(	) Washer, 4d, Uni1751	2
29	897207	(	) Tray, Battery	1
30	897298	(	) Connector, M Cb50, 050a, 600v, Red	1
31	897166	(	) Washer, 5d, Ss	4
32	897357	(	) Cable, 390l, M8ring/M8ring	1
33	VTVT01440	(	) Screw	4
34	MEVR02964	(	) Key Chip, CT 51 B	2
35	MECE00786	(	) Panel, Traction Compelte	1
36	MECB01919	(	) Harness, Main [T291/T391]	1
37	LAFN11075	(	) Bracket, Contactor	1
38	897156	(	) Washer, 4d, Ss	4
39	897208	(	) Contactor, 100a	1
40	9018497	(	) Bolt, Strap, Sqge	2
41	MECI00626	(	) Sensor, Sqge	1
42	MEVR02381	(	) Lever, Magnet, Sqge	1
43	VTVT17357	(	) Screw, Flt, Phl, 3.9x16, Uni6955	1
44	MPVR13037	(	) Cover	1
45	VTRS00017	(	) Washer, 12d 4b, Ss	2
46	VTVT00021	(	) Screw, Hex, M3x25, Uni5739	2

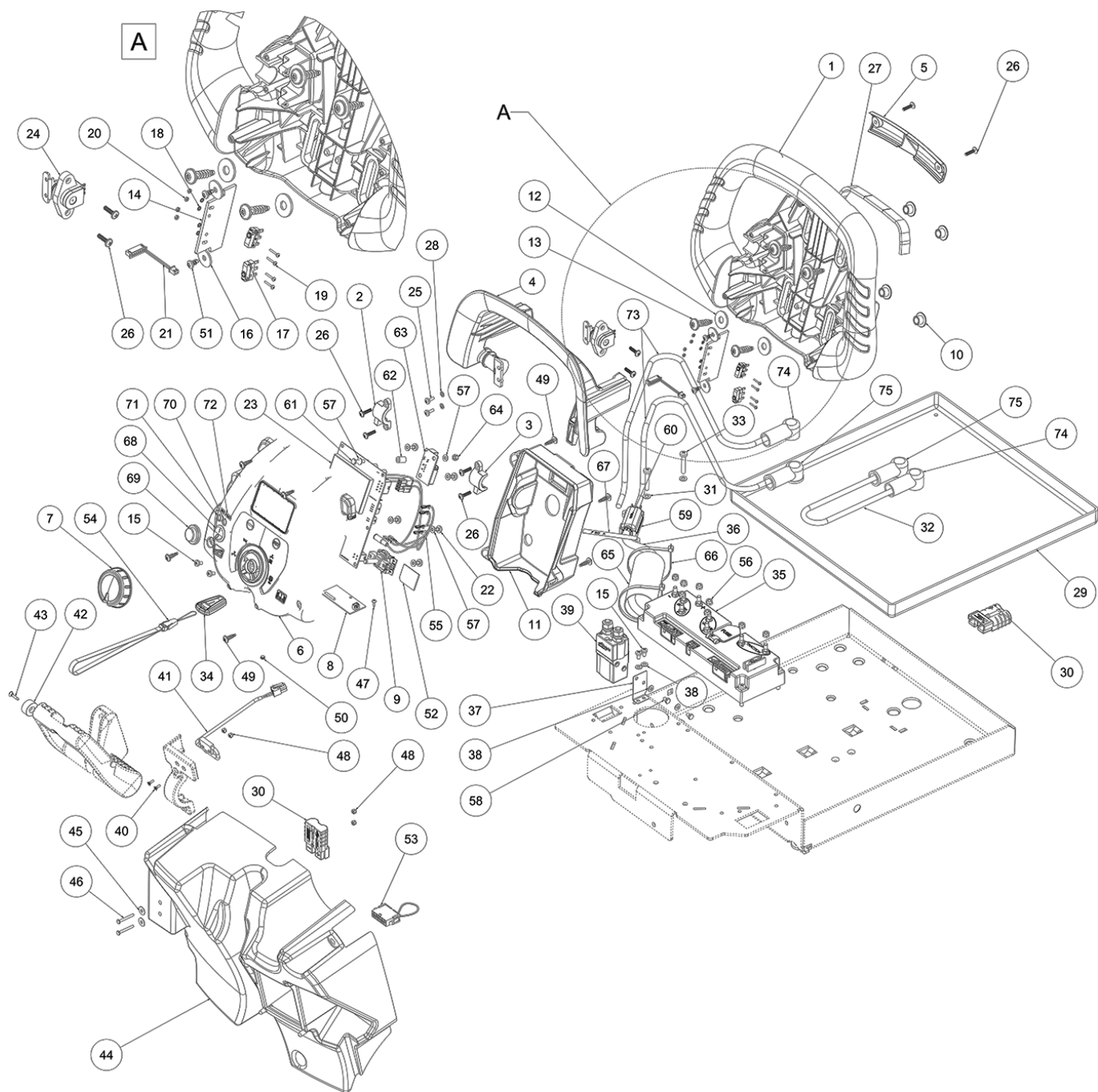
ELECTRICAL COMPONENTS GROUP (PROPEL MODEL) - CONT'D



ELECTRICAL COMPONENTS GROUP (PROPEL MODEL) - CONT'D

Ref.	Part No.	Mfr. Date	Description	Qty.
47	VTVT00522	(	) Screw, Pan, Phl, 2.9x9.5, Uni6954	1
48	9018496	(	) Nut, Hex, Lock, M3, NI Din985	4
49	VTVT01072	(	) Screw, Pan, Torx, 5x16, Fmg, Kn1038	4
50	MPVR10701	(	) Key, Holder, Rubber	1
51	VTVT48694	(	) Screw, M5x12, Uni9707	2
52	897514	(	) Memory, Card	1
53	MECB01981	(	) Harness, Bridge, W/O Chrgr	1
54	MPVR11496	(	) Strap, Key	1
55	MECB02017	(	) Harness, Display, Circuitboard	1
57	VTRS00570	(	) Washer	5
58	VTVT01669	(	) Screw, Hex, M4x6, Uni5739	2
59	MEVR02907	(	) Housing, Fuse	1
60	MEVR00604	(	) Fuse	1
61	897155	(	) Screw, M4x25	1
62	MPVR13118	(	) Spacer, 4.2mmid 8mmmod 12mml	1
63	MECE00877	(	) Cotroller	1
64	897276	(	) Nut, Hex, M4	1
65	MEVR02659	(	) Sleeve, Main Harness [T291,T391]	1
66	FSVR00049	(	) Tie, Cable, 4.5x200, Blk	2
67	KTRI06377	(	) Label Kit [T291]	1
68	MECB02379	(	) Wire, Fuse Strap	1
69	MEVR02916	(	) Boot, Terminal, Battery, Red	2
70	MEVR00889	(	) Cover, Cable	2

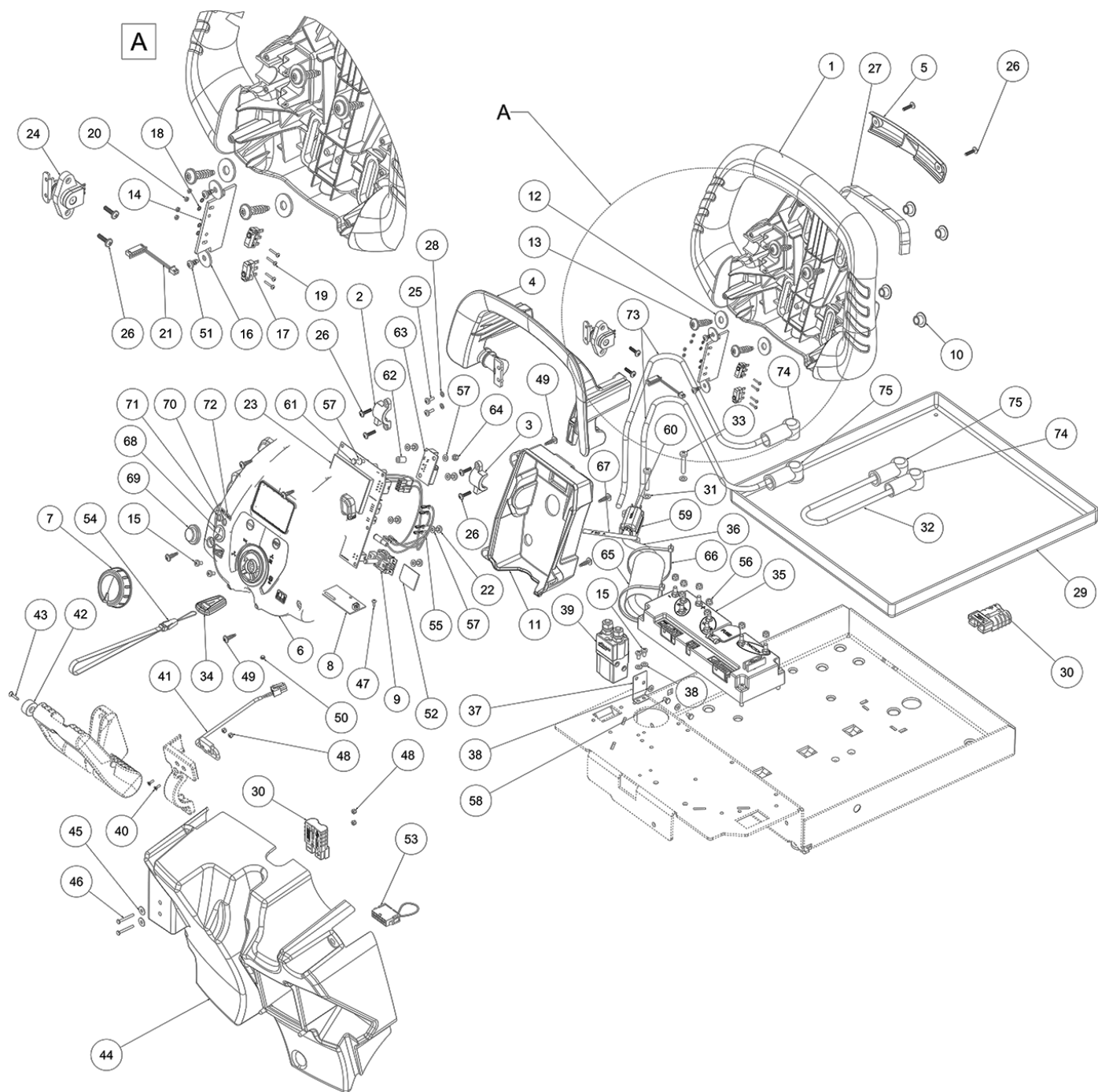
ELECTRICAL COMPONENTS WITH EcH2O GROUP (PROPEL MODEL)



ELECTRICAL COMPONENTS WITH EcH2O GROUP (PROPEL MODEL)

Ref.	Part No.	Mfr. Date	Description	Qty.
1	MPVR13039	(	) Handle, Hsng, Cntrl	1
2	MPVR06528	(	) Clamp, Bail, Lh	1
3	MPVR07177	(	) Clamp, Bail, Rh	1
4	MPVR06526	(	) Handle, Bail	1
5	MPVR13040	(	) Cover, Handle	1
6	MPVR13480	(	) Housing, Cntrl, Top	1
7	MPVR13038	(	) Knob, Blk, Selector	1
8	MECE00804	(	) Controller, Key	1
9	MECI00587	(	) Switch, Rotary	1
10	LAFN10998	(	) Bushing, Flng, 8.3b 12d 9.7	4
11	MPVR11640	(	) Cover, Controller	1
12	897120	(	) Washer, Flat, 24d 8b, Ss, Uni6593	4
13	VTVT01429	(	) Screw, Pan, Torx, 8x30, Fmg, Kn1038	4
14	MPVR11198	(	) Spacer	1
15	897140	(	) Screw, Pan, Phl, M4x8, Fmg, Uni8112	4
16	VTRS00291	(	) Washer, Flat, 20d 5b, Uni6593	2
17	MECI00588	(	) Switch, Micro	2
18	VTRS00581	(	) Washer, 2d	4
19	VTVT01592	(	) Screw, M2x12	4
20	VTDD00213	(	) Nut, Hex, M2	4
21	MECB02058	(	) Harness	1
22	897574	(	) Screw, M5x10, Uni9707	5
23	MECE00803	(	) Panel, Display, Ct 51, 71 Bf	1
24	MEVR02389	(	) Potentiometer, 45deg	1
25	897180	(	) Screw, M4x10, Ss	2
26	897669	(	) Screw, M4x16	8
27	MPVR10772	(	) Gasket, 4x15, 190l	1
28	897204	(	) Washer, 4d, Uni1751	2
29	897207	(	) Tray, Battery	1
30	897298	(	) Connector, M Cb50, 050a, 600v, Red	1
31	897166	(	) Washer, 5d, Ss	4
32	897357	(	) Cable, 390l, M8ring/M8ring	1
33	VTVT01440	(	) Screw	4
34	MEVR02964	(	) Key	2
35	MECE00786	(	) Panel, Traction Compelte	1
36	MECB01919	(	) Harness, Main	1
37	LAFN11075	(	) Bracket, Contactor	1
38	897156	(	) Washer, 4d, Ss	4
39	897208	(	) Contactor, 100a	1
40	9018497	(	) Bolt, Strap, Sqge	2
41	MECI00626	(	) Sensor, Sqge	1
42	MEVR02381	(	) Lever, Magnet, Sqge	1
43	VTVT17357	(	) Screw, Flt, Phl, 3.9x16, Uni6955	1
44	MPVR13037	(	) Cover	1
45	VTRS00017	(	) Washer, 12d 4b, Ss	2
46	VTVT00021	(	) Screw, Hex, M3x25, Uni5739	2
47	VTVT00522	(	) Screw, Pan, Phl, 2.9x9.5, Uni6954	1

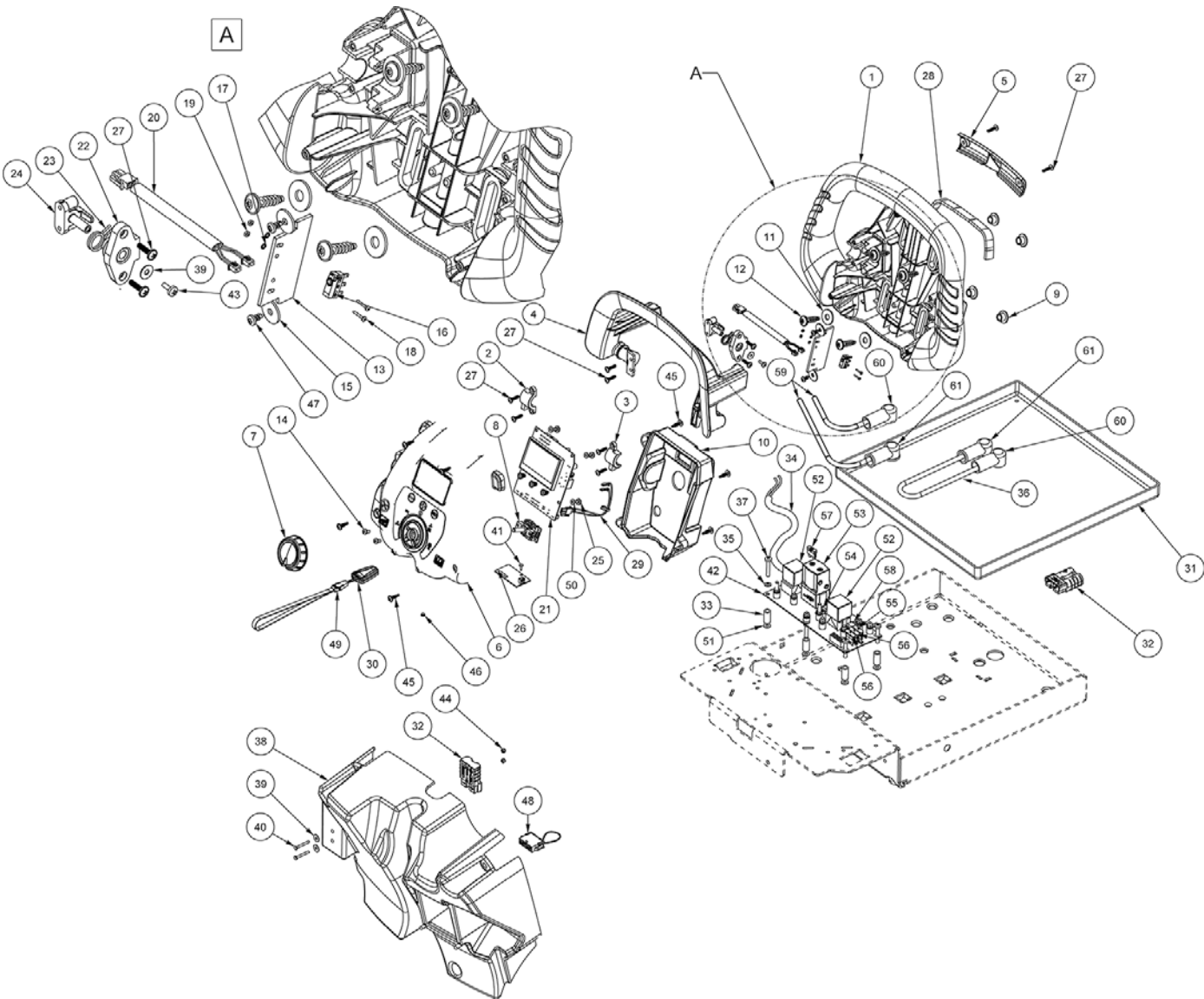
ELECTRICAL COMPONENTS WITH EcH2O GROUP (PROPEL MODEL) - CONT'D



ELECTRICAL COMPONENTS WITH EcH2O GROUP (PROPEL MODEL) - CONT'D

Ref.	Part No.	Mfr. Date	Description	Qty.
48	9018496	(	) Nut, Hex, Lock, M3, NI Din985	4
49	VTVT01072	(	) Screw, Pan, Torx, 5x16, Fmg, Kn1038	4
50	MPVR10701	(	) Key, Holder, Rubber	1
51	VTVT48694	(	) Screw, M5x12, Uni9707	2
52	897514	(	) Memory, Card	1
53	MECB01981	(	) Harness, Bridge, W/O Chrgr	1
54	MPVR11496	(	) Strap, Key	1
55	MECB02017	(	) Harness, Display, Circuitboard	1
57	VTRS00570	(	) Washer	5
58	VTVT01669	(	) Screw, Hex, M4x6, Uni5739	2
59	MEVR02907	(	) Housing, Fuse	1
60	MEVR00604	(	) Fuse	1
61	897155	(	) Screw, M4x25	1
62	MPVR13118	(	) Spacer, 4.2mmid 8mmmod 12mml	1
63	MECE00877	(	) Cotroller	1
64	897276	(	) Nut, Hex, M4	1
65	MEVR02659	(	) Sleeve, Main Harness [T291,T391]	1
66	FSVR00049	(	) Tie, Cable, 4.5x200, Blk	2
67	KTRI06377	(	) Label Kit [T291]	1
68	MECI00761	(	) Switch, Ec- H2o [T291,T391]	1
69	MPVR13481	(	) Cover	1
70	MECB02357	(	) Light, Led, Dashboard Ec- H2o [T291,T391]	1
71	MECB02358	(	) Light, Led, Dashboard Ec- H2o [T291,T391]	1
72	KTRI06377	(	) Label Kit [T291]	1
73	MECB02379	(	) Wire, Fuse Strap	1
74	MEVR02916	(	) Boot, Terminal, Battery, Red	2
75	MEVR00889	(	) Cover, Cable	2

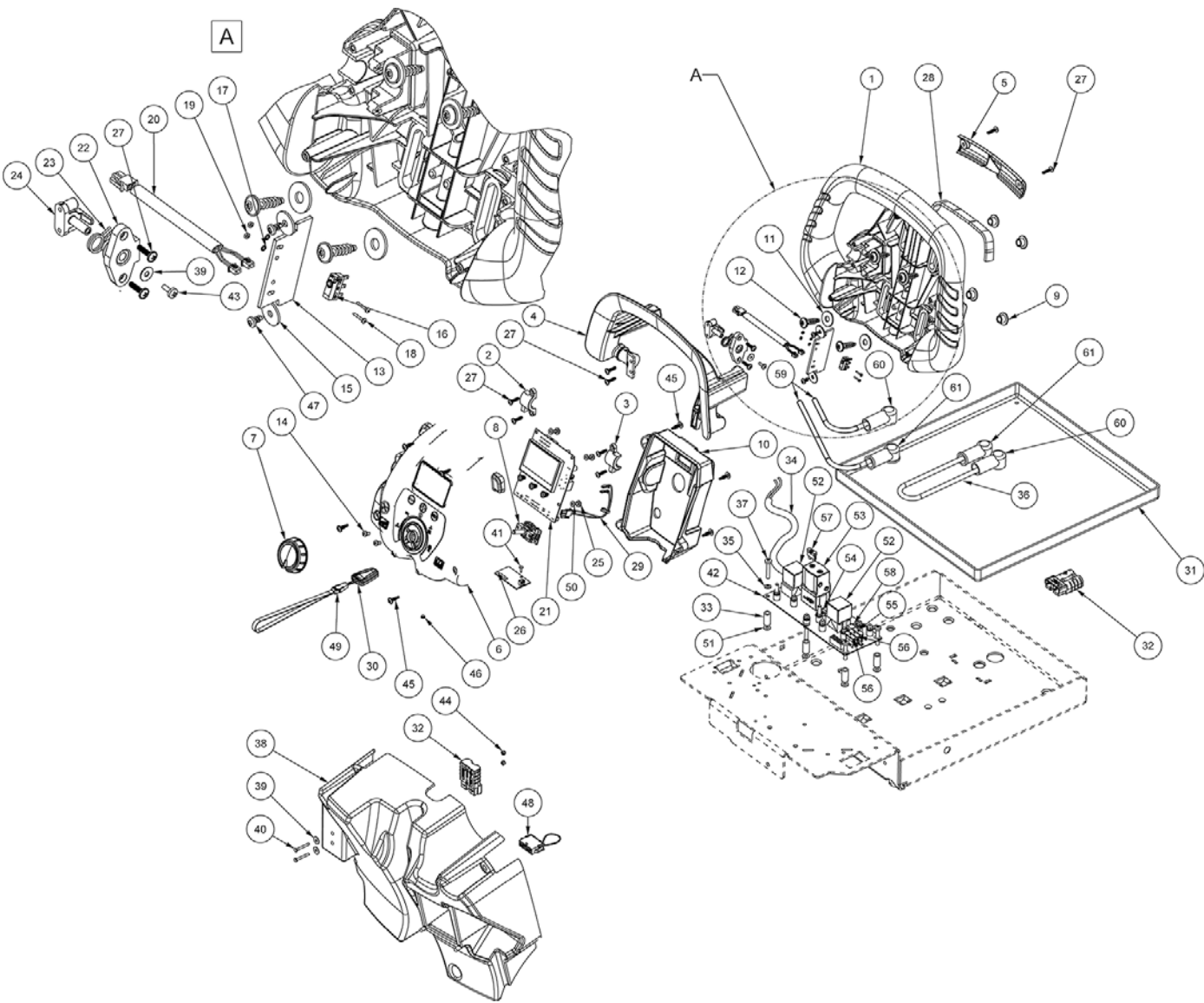
ELECTRICAL COMPONENTS GROUP (PAD ASSIST MODEL)



ELECTRICAL COMPONENTS GROUP (PAD ASSIST MODEL)

Ref.	Part No.	Mfr. Date	Description	Qty.
1	MPVR13039	(	) Handle, Hsng, Cntrl	1
2	MPVR06528	(	) Clamp, Bail, Lh	1
3	MPVR07177	(	) Clamp, Bail, Rh	1
4	MPVR06526	(	) Handle, Bail	1
5	MPVR13040	(	) Cover, Handle	1
6	MPVR13041	(	) Housing, Cntrl, Top	1
7	MPVR13038	(	) Knob, Blk, Selector	1
8	MECI00587	(	) Switch, Rotary	1
9	LAFN10998	(	) Bushing, Flng, 8.3b 12d 9.7	4
10	MPVR11640	(	) Cover, Controller	1
11	897120	(	) Washer, Flat, 24d 8b, Ss, Uni6593	4
12	VTVT01429	(	) Screw, Pan, Torx, 8x30, Fmg, Kn1038	4
13	MPVR11198	(	) Spacer	1
14	897140	(	) Screw, Pan, Phl, M4x8, Fmg, Uni8112	2
15	VTRS00291	(	) Washer, Flat, 20d 5b, Uni6593	2
16	MECI00588	(	) Switch, Micro	1
17	VTRS00581	(	) Washer, 2d	2
18	VTVT01592	(	) Screw, M2x12	2
19	VTDD00213	(	) Nut, Hex, M2	2
20	MECB01951	(	) Harness	1
21	MECE00746	(	) Circuitboard, Display	1
22	MPVR07184	(	) Bracket	1
23	MLML00352	(	) Spring, Tors, 12id 1.5wir 3coil	1
24	MPVR07185	(	) Bracket	1
25	897574	(	) Screw, M5x10, Uni9707	4
26	MECE00749	(	) Circuitboard	1
27	897669	(	) Screw, M4x16	10
28	MPVR10772	(	) Gasket, 4x15, 190l	1
29	MECB02018	(	) Harness, Dash	1
30	MEVR02964	(	) Key	2
31	897207	(	) Tray, Battery	1
32	897298	(	) Connector, M Cb50, 050a, 600v, Red	1
33	MPVR06501	(	) Spacer	6
34	MECB02410	(	) Harness, Main, W/O Batt Cable [T291,Eu]	1
35	897166	(	) Washer, 5d, Ss	6
36	897357	(	) Cable, 390l, M8ring/M8ring	1
37	VTVT01440	(	) Screw	6
38	MPVR13037	(	) Cover	1
39	VTRS00017	(	) Washer, 12d 4b, Ss	3
40	VTVT00021	(	) Screw, Hex, M3x25, Uni5739	2
41	VTVT00522	(	) Screw, Pan, Phl, 2.9x9.5, Uni6954	1
42	MECE00733	(	) Circuitboard, Relay	1
43	897180	(	) Screw, M4x10, Ss	1
44	9018496	(	) Nut, Hex, Lock, M3, NI Din985	2
45	VTVT01072	(	) Screw, Pan, Torx, 5x16, Fmg, Kn1038	7
46	MPVR10701	(	) Key, Holder, Rubber	1
47	VTVT48694	(	) Screw, M5x12, Uni9707	2

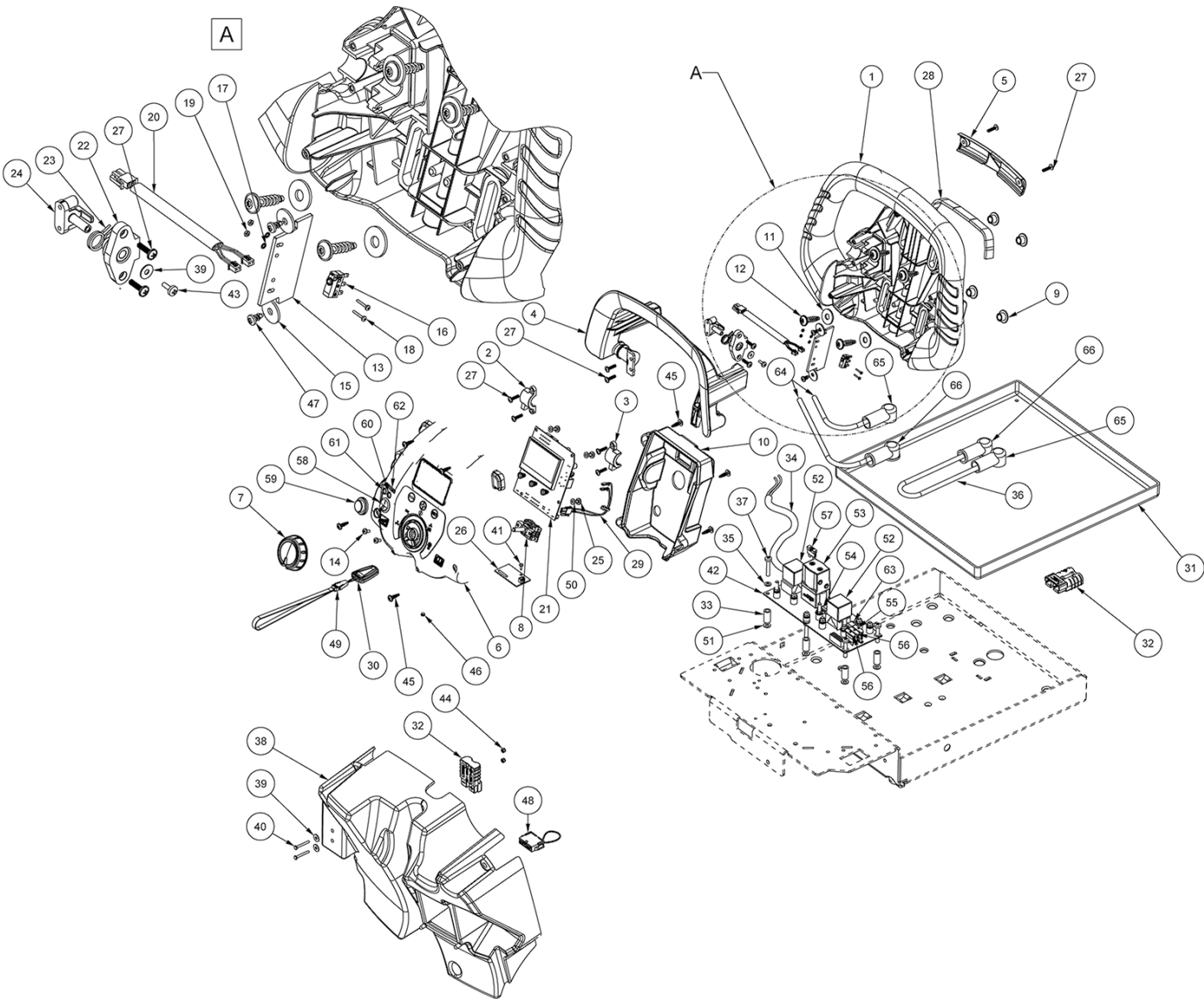
ELECTRICAL COMPONENTS GROUP (PAD ASSIST MODEL) - CONT'D



ELECTRICAL COMPONENTS GROUP (PAD ASSIST MODEL) - CONT'D

Ref.	Part No.	Mfr. Date	Description	Qty.
48	MECB01981	(	) Harness, Bridge, W/O Chrgr	1
49	MPVR11496	(	) Strap, Key	1
50	VTRS00570	(	) Washer	4
51	VTRS00596	(	) Washer	6
52	897209	(	) Contactor, 24v, 70a	2
53	897208	(	) Contactor, 100a	1
54	9018332	(	) Fuse, 50a	1
55	MEVR01132	(	) Fuse, 5a	1
56	MEVR01428	(	) Fuse, 2a	2
57	897510	(	) Fuse, 30a	1
58	897301	(	) Fuse, 30a [Omega Ft3030]	1
59	MECB02412	(	) Harness, Battery, M8 Eyelets [T291 NA]	1
60	MEVR02916	(	) Boot, Terminal, Battery, Red	2
61	MEVR00889	(	) Cover, Cable	2

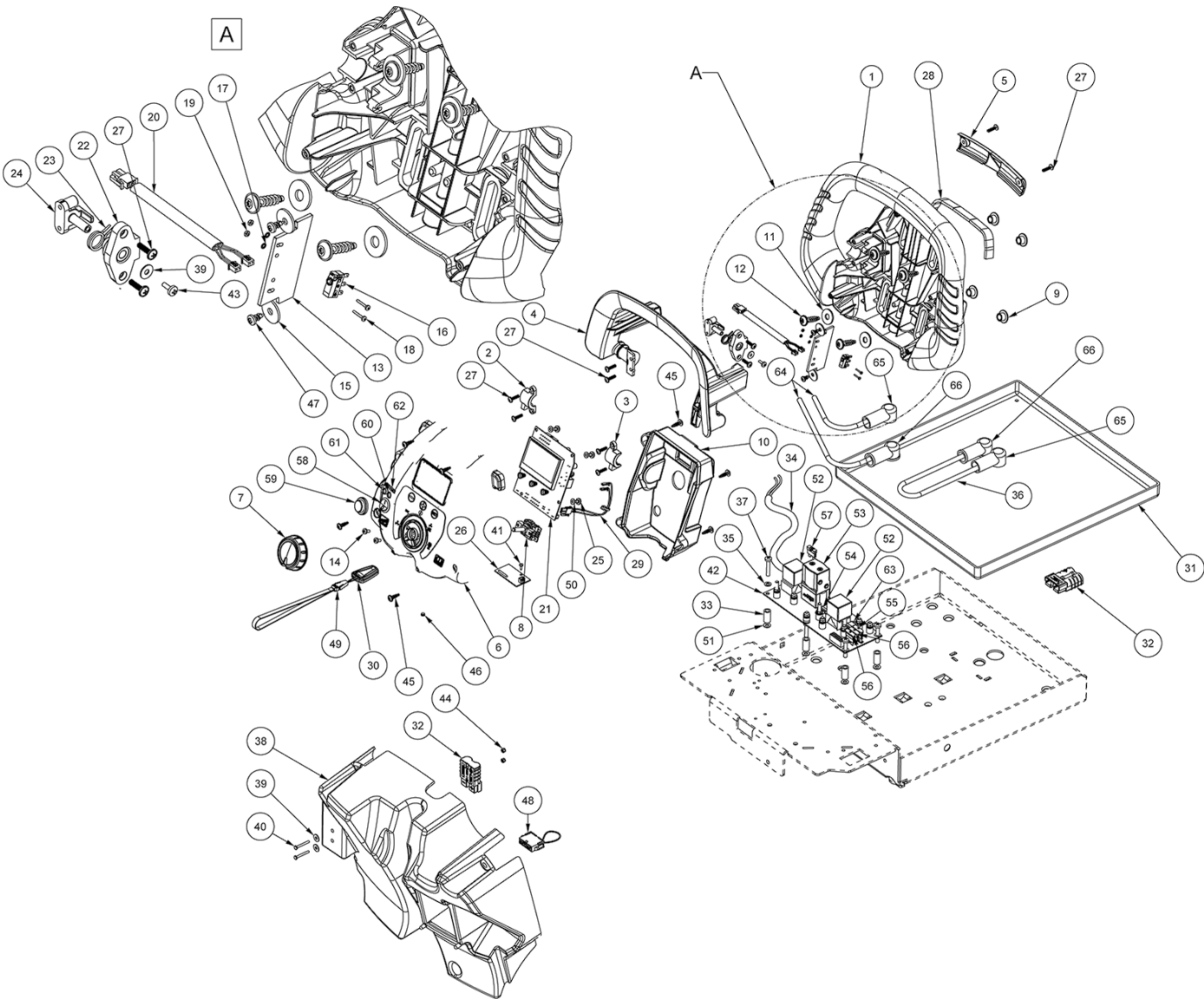
ELECTRICAL COMPONENTS WITH EcH2O GROUP (PAD ASSIST MODEL)



ELECTRICAL COMPONENTS WITH EcH2O GROUP (PAD ASSIST MODEL)

Ref.	Part No.	Mfr. Date	Description	Qty.
1	MPVR13039	(	) Handle, Hsng, Cntrl	1
2	MPVR06528	(	) Clamp, Bail, Lh	1
3	MPVR07177	(	) Clamp, Bail, Rh	1
4	MPVR06526	(	) Handle, Bail	1
5	MPVR13040	(	) Cover, Handle	1
6	MPVR13041	(	) Housing, Cntrl, Top	1
7	MPVR13038	(	) Knob, Blk, Selector	1
8	MECI00587	(	) Switch, Rotary	1
9	LAFN10998	(	) Bushing, Flng, 8.3b 12d 9.7	4
10	MPVR11640	(	) Cover, Controller	1
11	897120	(	) Washer, Flat, 24d 8b, Ss, Uni6593	4
12	VTVT01429	(	) Screw, Pan, Torx, 8x30, Fmg, Kn1038	4
13	MPVR11198	(	) Spacer	1
14	897140	(	) Screw, Pan, Phl, M4x8, Fmg, Uni8112	2
15	VTRS00291	(	) Washer, Flat, 20d 5b, Uni6593	2
16	MECI00588	(	) Switch, Micro	1
17	VTRS00581	(	) Washer, 2d	2
18	VTVT01592	(	) Screw, M2x12	2
19	VTDD00213	(	) Nut, Hex, M2	2
20	MECB01951	(	) Harness	1
21	MECE00746	(	) Circuitboard, Display	1
22	MPVR07184	(	) Bracket	1
23	MLML00352	(	) Spring, Tors, 12id 1.5wir 3coil	1
24	MPVR07185	(	) Bracket	1
25	897574	(	) Screw, M5x10, Uni9707	4
26	MECE00749	(	) Circuitboard	1
27	897669	(	) Screw, M4x16	10
28	MPVR10772	(	) Gasket, 4x15, 190l	1
29	MECB02018	(	) Harness, Dash	1
30	MEVR02964	(	) Key	2
31	897207	(	) Tray, Battery	1
32	897298	(	) Connector, M Cb50, 050a, 600v, Red	1
33	MPVR06501	(	) Spacer	6
34	MECB02410	(	) Harness, Main, W/O Batt Cable [T291,Eu]	1
35	897166	(	) Washer, 5d, Ss	6
36	897357	(	) Cable, 390l, M8ring/M8ring	1
37	VTVT01440	(	) Screw	6
38	MPVR13037	(	) Cover	1
39	VTRS00017	(	) Washer, 12d 4b, Ss	3
40	VTVT00021	(	) Screw, Hex, M3x25, Uni5739	2
41	VTVT00522	(	) Screw, Pan, Phl, 2.9x9.5, Uni6954	1
42	MECE00733	(	) Circuitboard, Relay	1
43	897180	(	) Screw, M4x10, Ss	1
44	9018496	(	) Nut, Hex, Lock, M3, NI Din985	2
45	VTVT01072	(	) Screw, Pan, Torx, 5x16, Fmg, Kn1038	7
46	MPVR10701	(	) Key, Holder, Rubber	1
47	VTVT48694	(	) Screw, M5x12, Uni9707	2

ELECTRICAL COMPONENTS WITH EcH2O GROUP (PAD ASSIST MODEL) - CONT'D

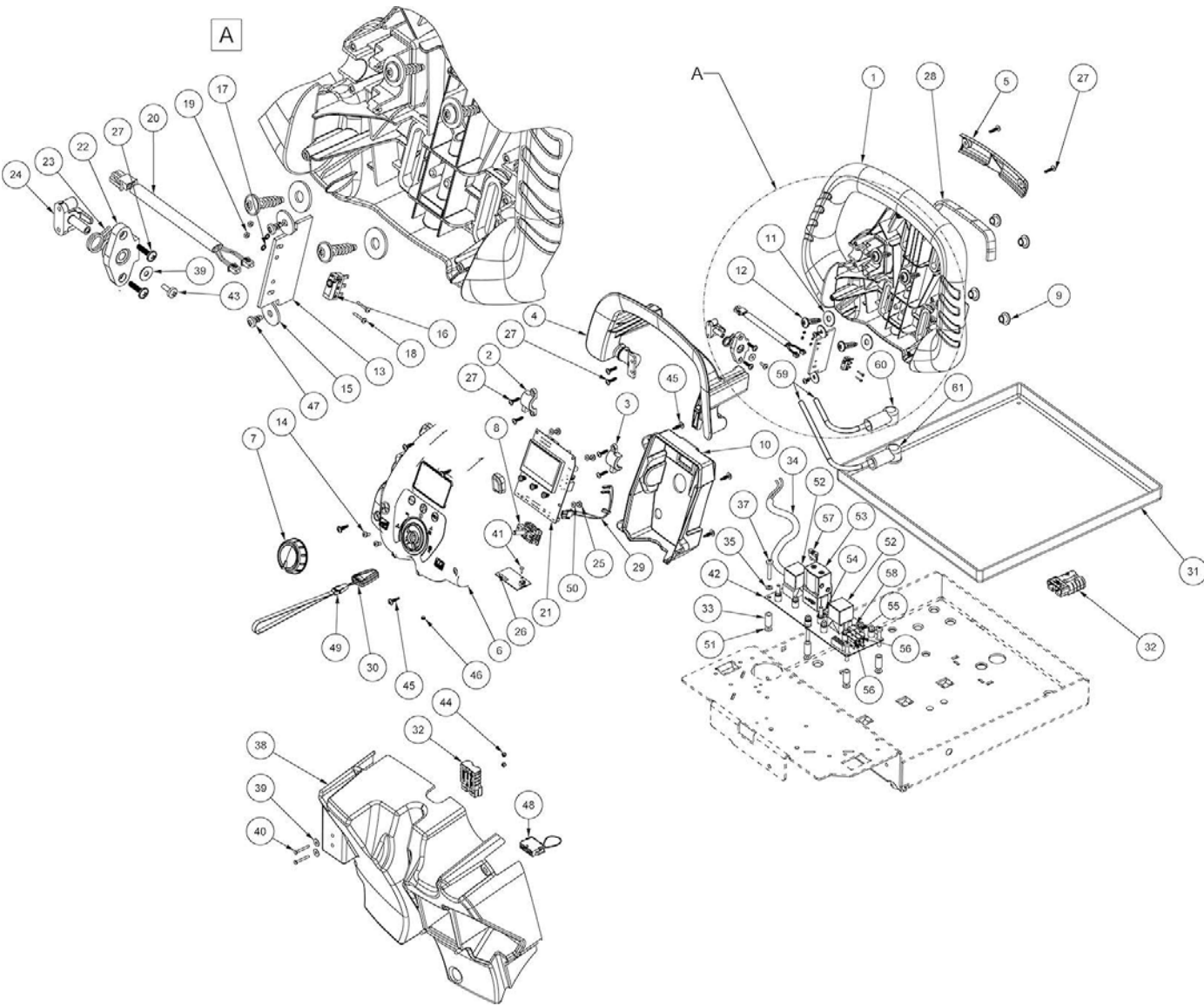


ELECTRICAL COMPONENTS WITH EcH2O GROUP (PAD ASSIST MODEL) - CONT'D

Ref.	Part No.	Mfr. Date	Description	Qty.
48	MECB01981	(	) Harness, Bridge, W/O Chrgr	1
49	MPVR11496	(	) Strap, Key	1
50	VTRS00570	(	) Washer	4
51	VTRS00596	(	) Washer	6
52	897209	(	) Contactor, 24v, 70a	2
53	897208	(	) Contactor, 100a	1
54	9018332	(	) Fuse, 50a	1
55	MEVR01132	(	) Fuse, 5a	1
56	MEVR01428	(	) Fuse, 2a	2
57	897510	(	) Fuse, 30a	1
58	MECI00761	(	) Switch, Ec- H2o [T291,T391]	1
59	MPVR13481	(	) Cover	1
60	MECB02357	(	) Light, Led, Dashboard Ec- H2o [T291,T391]	1
61	MECB02358	(	) Light, Led, Dashboard Ec- H2o [T291,T391]	1
62	KTRI06377	(	) Label Kit [T291]	1
63	897301	(	) Fuse, 30a [Omega Ft3030]	1
64	MECB02412	(	) Harness, Battery, M8 Eyelets [T291 NA]	1
65	MEVR02916	(	) Boot, Terminal, Battery, Red	2
66	MEVR00889	(	) Cover, Cable	2

ELECTRICAL COMPONENTS GROUP (PAD- ASSIST MODEL W/ LITHIUM ION- BATTERIES)

DBDB15027



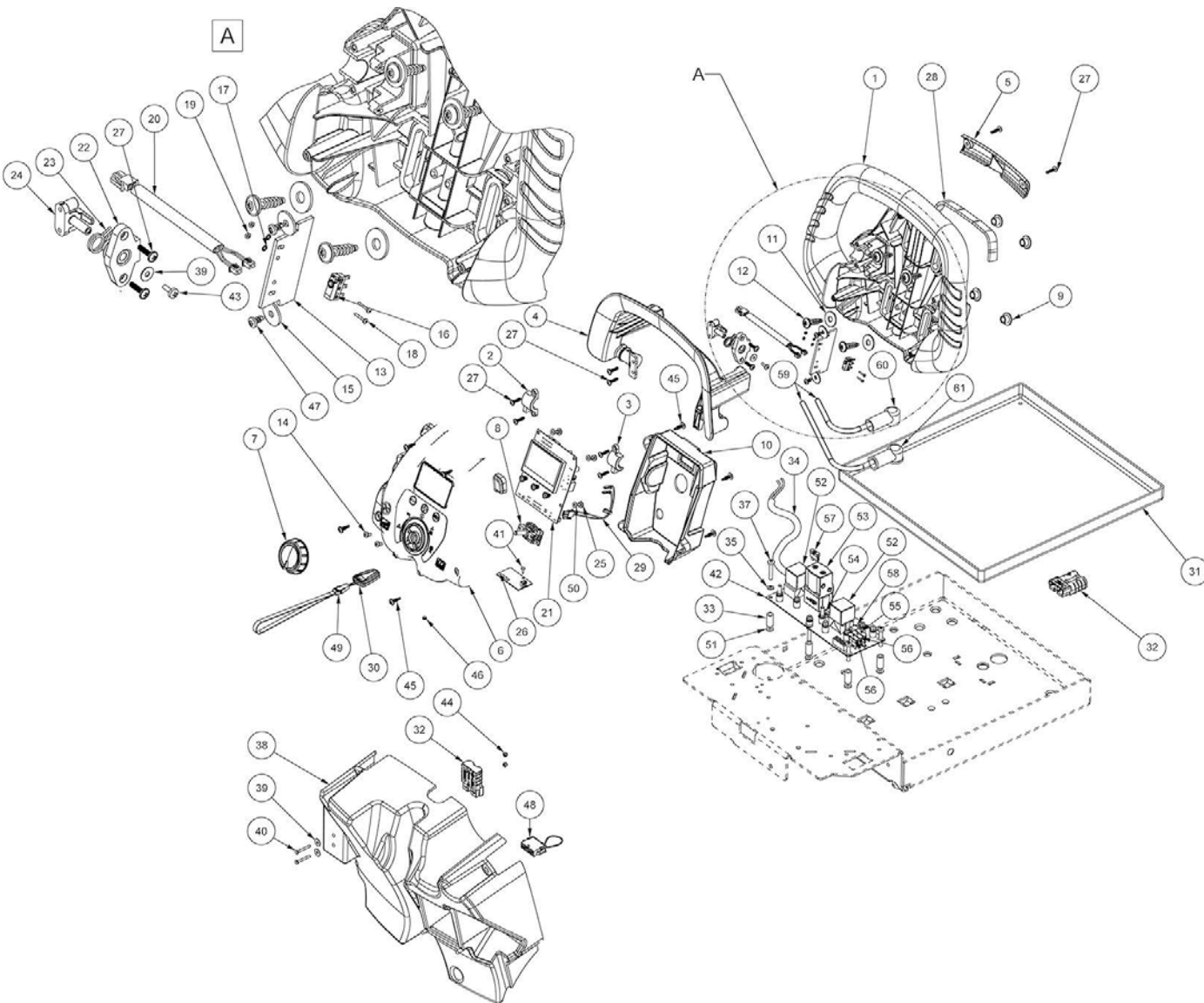
ELECTRICAL COMPONENTS GROUP (PAD- ASSIST MODEL W/ LITHIUM ION- BATTERIES)

Ref.	Part No.	Mfr. Date	Description	Qty.
1	MPVR13039	(	) Handle, Hsng, Cntrl	1
2	MPVR06528	(	) Clamp, Bail, Lh	1
3	MPVR07177	(	) Clamp, Bail, Rh	1
4	MPVR06526	(	) Handle, Bail	1
5	MPVR13040	(	) Cover, Handle	1
6	MPVR13754	(	) Housing, Cntrl, Top, Gry [T291,T391]	1
7	MPVR13038	(	) Knob, Blk, Selector	1
8	MECI00587	(	) Switch, Rotary	1
9	LAFN10998	(	) Bushing, Flng, 8.3b 12d 9.7	4
10	MPVR11640	(	) Cover, Controller	1
11	VTRS13946	(	) Washer D. 8 X24 Inx Uni 6593	4
12	VTVT01429	(	) Screw, Pan, Torx, 8x30, Fmg, Kn1038	4
13	MPVR11198	(	) Spacer	1
14	VTVT00813	(	) Screw M 4x 8 Tcb- Tc Uni 8112	2
15	VTRS00291	(	) Washer, Flat, 20d 5b, Uni6593	2
16	MECI00588	(	) Switch, Micro	1
17	VTRS00581	(	) Washer, 2d	2
18	VTVT01592	(	) Screw, M2x12	2
19	VTDD00213	(	) Nut, Hex, M2	2
20	MECB01951	(	) Harness	1
21	MECE00746	(	) Circuitboard, Display	1
22	MPVR07184	(	) Bracket	1
23	MLML00352	(	) Spring, Tors, 12id 1.5wir 3coil	1
24	MPVR07185	(	) Bracket	1
25	VTVT01694	(	) Screw Self Tapping 4.8x9.5 Sus	4
26	MECE00749	(	) Circuitboard	1
27	VTVT01071	(	) Screw Sts Kn1031- Neu 4x16 - H2	10
28	MPVR10772	(	) Gasket, 4x15, 190l	1
29	MECB02018	(	) Harness, Dash	1
30	MEVR02964	(	) Key Chip, Ct 51 B	2
31	LAFN35588	(	) Portabattery Ct Line	1
32	MEVR01079	(	) Plug M Cb50 A 600v Rd.	1
33	MPVR06501	(	) Spacer	6
34	MECB02391	(	) Wiring	1
35	VTRS00516	(	) Washer D. 5 Inx	6
37	VTVT01440	(	) Screw	6
38	MPVR13037	(	) Cover	1
39	VTRS00017	(	) Washer, 12d 4b, Ss	3
40	VTVT00021	(	) Screw, Hex, M3x25, Uni5739	2
41	VTVT00522	(	) Screw, Pan, Phl, 2.9x9.5, Uni6954	1
42	MECE00733	(	) Circuitboard, Relay	1
43	VTVT37012	(	) Screw M 4x 10 Tcb- Tc Inx	1
44	VTDD00210	(	) Nut M 3 Autobl.Din 985 lx.A2	2
45	VTVT01072	(	) Screw, Pan, Torx, 5x16, Fmg, Kn1038	7
46	MPVR10701	(	) Key, Holder, Rubber	1
47	VTVT48694	(	) Screw, M5x12, Uni9707	2
48	MECB01981	(	) Harness, Bridge, W/O Chrgr	1
49	MPVR11496	(	) Strap, Key	1
50	VTRS00570	(	) Washer	4

STANDARD PARTS

ELECTRICAL COMPONENTS GROUP (PAD- ASSIST MODEL W/ LITHIUM ION- BATTERIES)
- Cont'd

DBDB15027

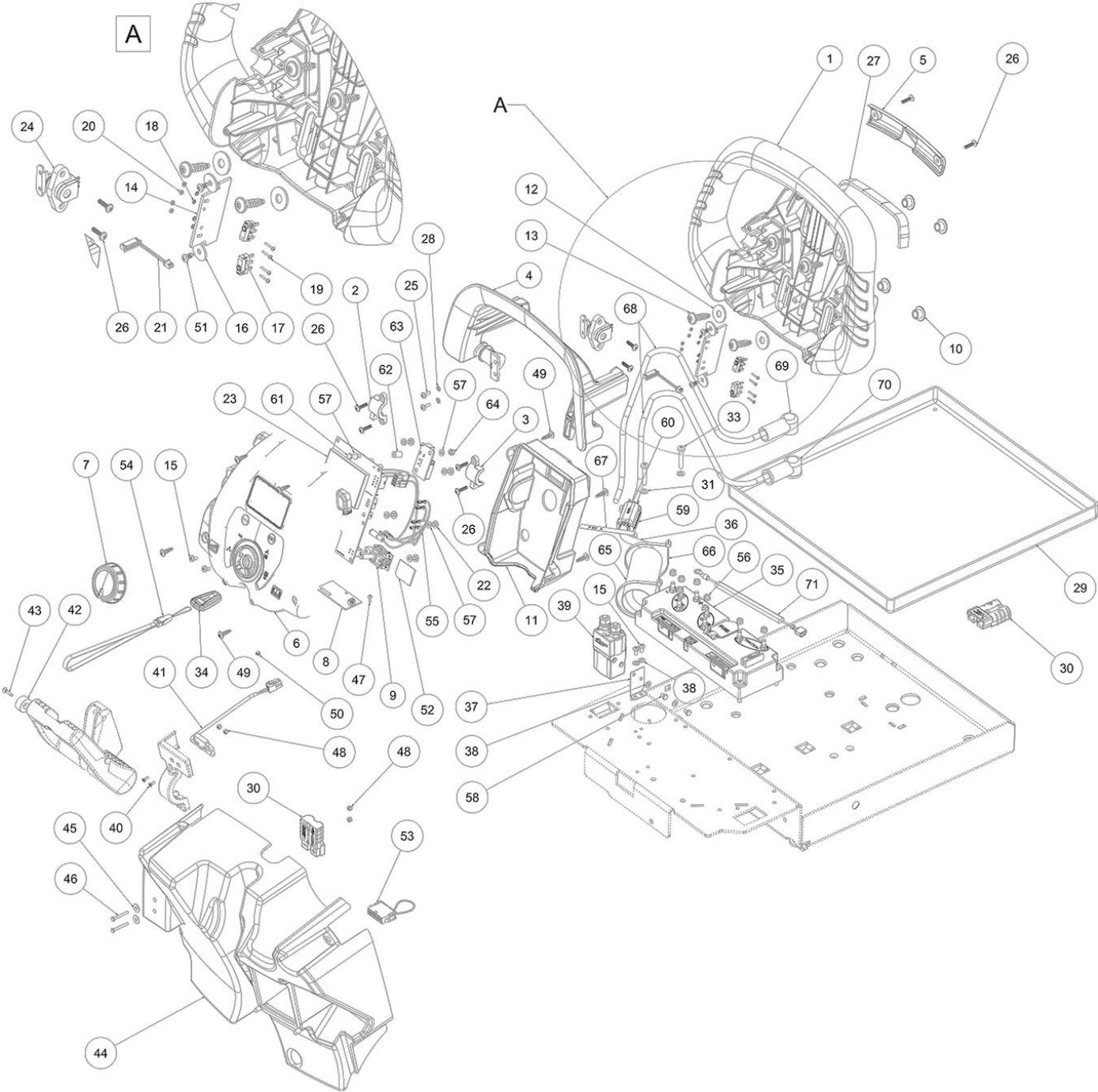


ELECTRICAL COMPONENTS GROUP (PAD- ASSIST MODEL W/ LITHIUM ION- BATTERIES)
- Cont'd

Ref.	Part No.	Mfr. Date	Description	Qty.
51	VTRS00596	(	) Washer	6
52	MECE00139	(	) Relay 24v 70a	2
53	METT00085	(	) Contactor 100a	1
54	MEVR02105	(	) Fuse 50a Omega Ft3050	1
55	MEVR01132	(	) Fuse, 5a	1
56	MEVR01428	(	) Fuse, 2a	2
57	MEVR01136	(	) Fuse 30a	1
58	MEVR02104	(	) Fuse 30a Omega Ft3030	1
59	MECB02420	(	) Wiring	1
60	MEVR02916	(	) Boot, Terminal, Battery [Red, Na]	2
61	MEVR00889	(	) Boot, Terminal, Battery [Black, Na]	2

ELECTRICAL COMPONENTS GROUP (PROPEL MODEL W/ LITHIUM ION- BATTERIES)

DBDB15028

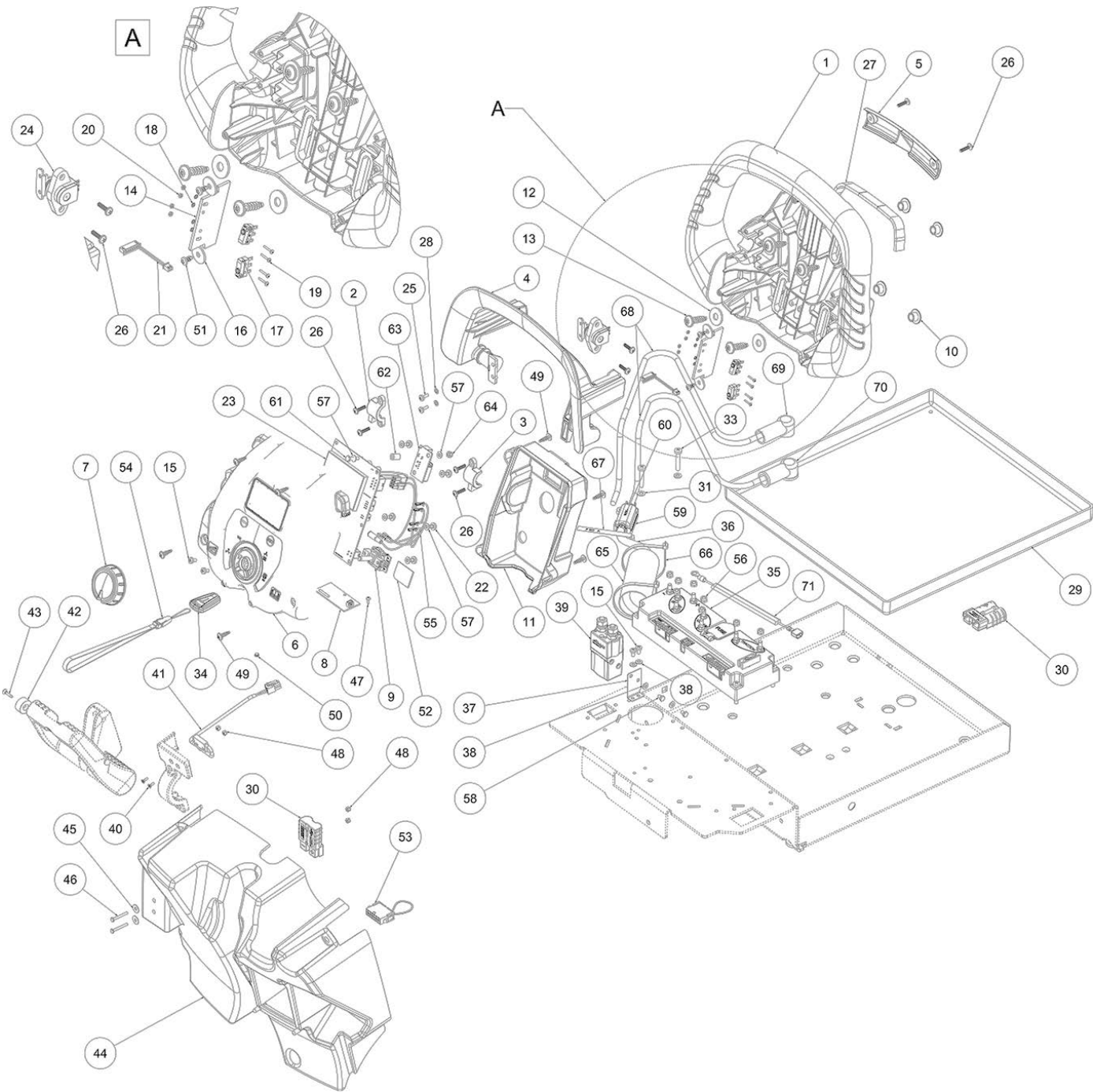


ELECTRICAL COMPONENTS GROUP (PROPEL MODEL W/ LITHIUM ION- BATTERIES)

Ref.	Part No.	Mfr. Date	Description	Qty.
1	MPVR13039	(	) Handle, Hsng, Cntrl	1
2	MPVR06528	(	) Clamp, Bail, Lh	1
3	MPVR07177	(	) Clamp, Bail, Rh	1
4	MPVR06526	(	) Handle, Bail	1
5	MPVR13040	(	) Cover, Handle	1
6	MPVR13754	(	) Housing, Cntrl, Top, Gry [T291,T391]	1
7	MPVR13038	(	) Knob, Blk, Selector	1
8	MECE00804	(	) Controller, Key	1
9	MECI00587	(	) Switch, Rotary	1
10	LAFN10998	(	) Bushing, Flng, 8.3b 12d 9.7	4
11	MPVR11640	(	) Cover, Controller	1
12	VTRS13946	(	) Washer D. 8 X24 Inx Uni 6593	4
13	VTVT01429	(	) Screw, Pan, Torx, 8x30, Fmg, Kn1038	4
14	MPVR11198	(	) Spacer	1
15	VTVT00813	(	) Screw M 4x 8 Tcb- Tc Uni 8112	4
16	VTRS00291	(	) Washer, Flat, 20d 5b, Uni6593	2
17	MECI00588	(	) Switch, Micro	2
18	VTRS00581	(	) Washer, 2d	4
19	VTVT01592	(	) Screw, M2x12	4
20	VTDD00213	(	) Nut, Hex, M2	4
21	MECB02058	(	) Harness	1
22	VTVT01694	(	) Screw Self Tapping 4.8x9.5 Sus	5
23	MECE00810	(	) Circuitboard, Display	1
24	MEVR02389	(	) Potentiometer, 45deg	1
25	VTVT37012	(	) Screw M 4x 10 Tcb- Tc Inx	2
26	VTVT01071	(	) Screw Sts Kn1031- Neu 4x16 - H2	8
27	MPVR10772	(	) Gasket, 4x15, 190l	1
28	VTRS15913	(	) Washer, Grover, D.4, Ss, Uni1751	2
29	LAFN35588	(	) Portabattery Ct Line	1
30	MEVR01079	(	) Plug M Cb50 A 600v Rd.	1
31	VTRS00516	(	) Washer D. 5 Inx	4
33	VTVT01440	(	) Screw	4
34	MEVR02964	(	) Key Chip, Ct 51 B	2
35	MECE00786	(	) Panel, Traction Compelte	1
36	MECB02392	(	) Wiring	1
37	LAFN11075	(	) Bracket, Contactor	1
38	VTRS00515	(	) Washer D. 4 Inx	4
39	METT00085	(	) Contactor 100a	1
40	VTVT01070	(	) Screw Tstc M3x8	2
41	MECI00626	(	) Sensor, Sqge	1
42	MEVR02381	(	) Lever, Magnet, Sqge	1
43	VTVT17357	(	) Screw, Flt, Phl, 3.9x16, Uni6955	1
44	MPVR13037	(	) Cover	1
45	VTRS00017	(	) Washer, 12d 4b, Ss	2
46	VTVT00021	(	) Screw, Hex, M3x25, Uni5739	2
47	VTVT00522	(	) Screw, Pan, Phl, 2.9x9.5, Uni6954	1
48	VTDD00210	(	) Nut M 3 Autobl.Din 985 lx.A2	4
49	VTVT01072	(	) Screw, Pan, Torx, 5x16, Fmg, Kn1038	4
50	MPVR10701	(	) Key, Holder, Rubber	1

ELECTRICAL COMPONENTS GROUP (PROPEL MODEL W/ LITHIUM ION- BATTERIES) -
Cont'd

DBDB15028

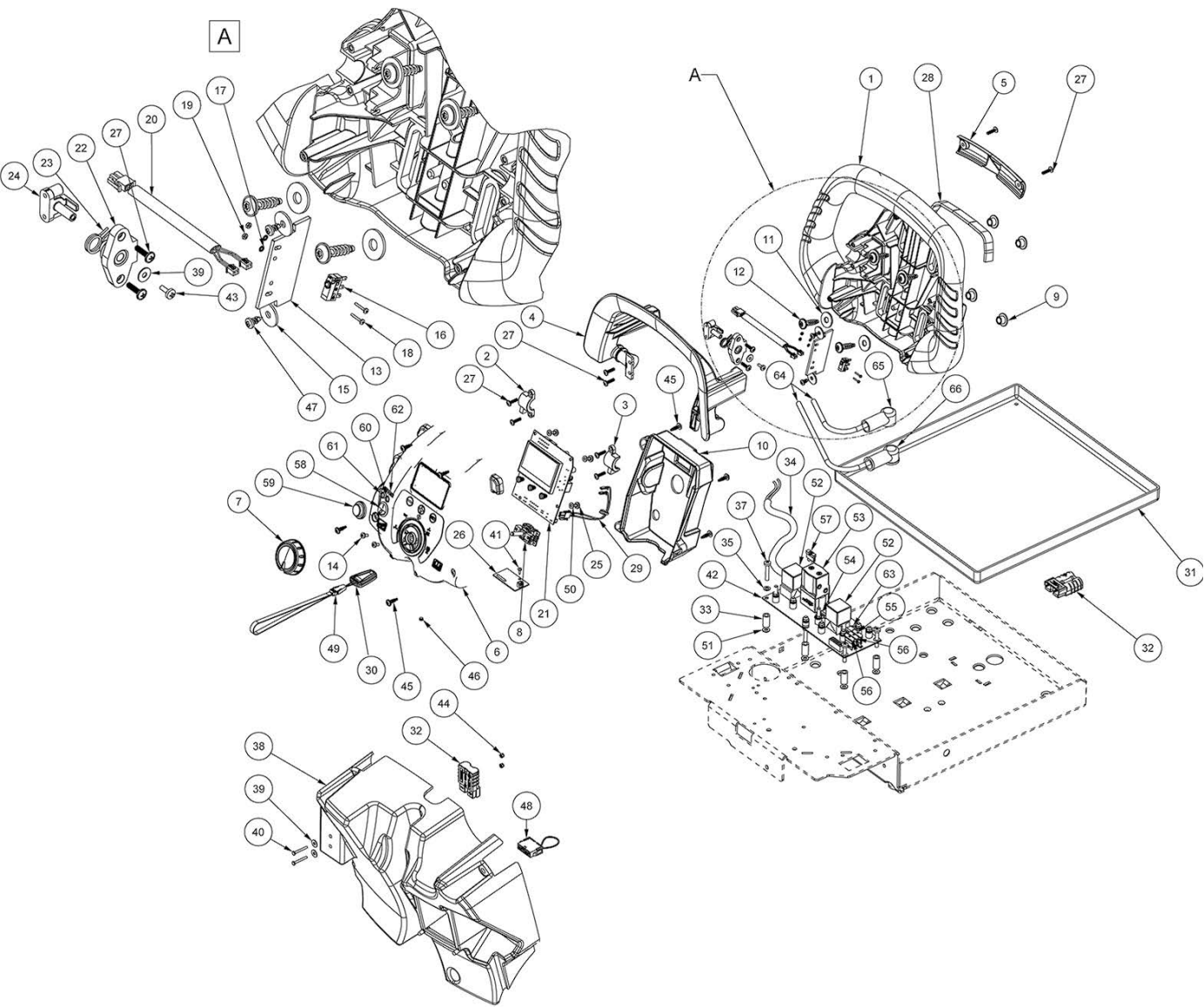


**ELECTRICAL COMPONENTS GROUP (PROPEL MODEL W/ LITHIUM ION- BATTERIES) -
Cont'd**

Ref.	Part No.	Mfr. Date	Description	Qty.
51	VTVT48694	(	) Screw, M5x12, Uni9707	2
52	MEVR02562	(	) SD- Card	1
53	MECB01981	(	) Harness, Bridge, W/O Chrgr	1
54	MPVR11496	(	) Strap, Key	1
55	MECB02017	(	) Harness, Display, Circuitboard	1
56	VTDD01693	(	) Nut, Hex, M5, Ss	8
57	VTRS00570	(	) Washer	5
58	VTVT01669	(	) Screw, Hex, M4x6, Uni5739	2
59	MEVR02907	(	) Housing, Fuse	1
60	MEVR00604	(	) Fuse	1
61	VTVT00814	(	) Screw Te M4- 25	1
62	MPVR13118	(	) Spacer, 4.2mmid 8mmmod 12mml	1
63	MECE00877	(	) Cotroller	1
64	VTDD00055	(	) Nut M 4 Atb A2	1
65	MEVR02659	(	) Sleeve, Main Harness [T291,T391]	1
66	FSVR00049	(	) Tie, Cable, 4.5x200, Blk	2
67	ETET17157	(	) Label, Bracket, Wcm [T291]	1
68	MECB02396	(	) Wiring	1
69	MEVR02916	(	) Boot,Terminal,Battery [Red,Na]	2
70	MEVR00889	(	) Boot,Terminal,Battery [Black,Na]	2
71	MECB02369	(	) Circuit	1

ELECTRICAL COMPONENT With ECH2O GROUP (PAD- ASSIST MODEL W/ LITHIUM ION- BATTERIES)

DBDB15029

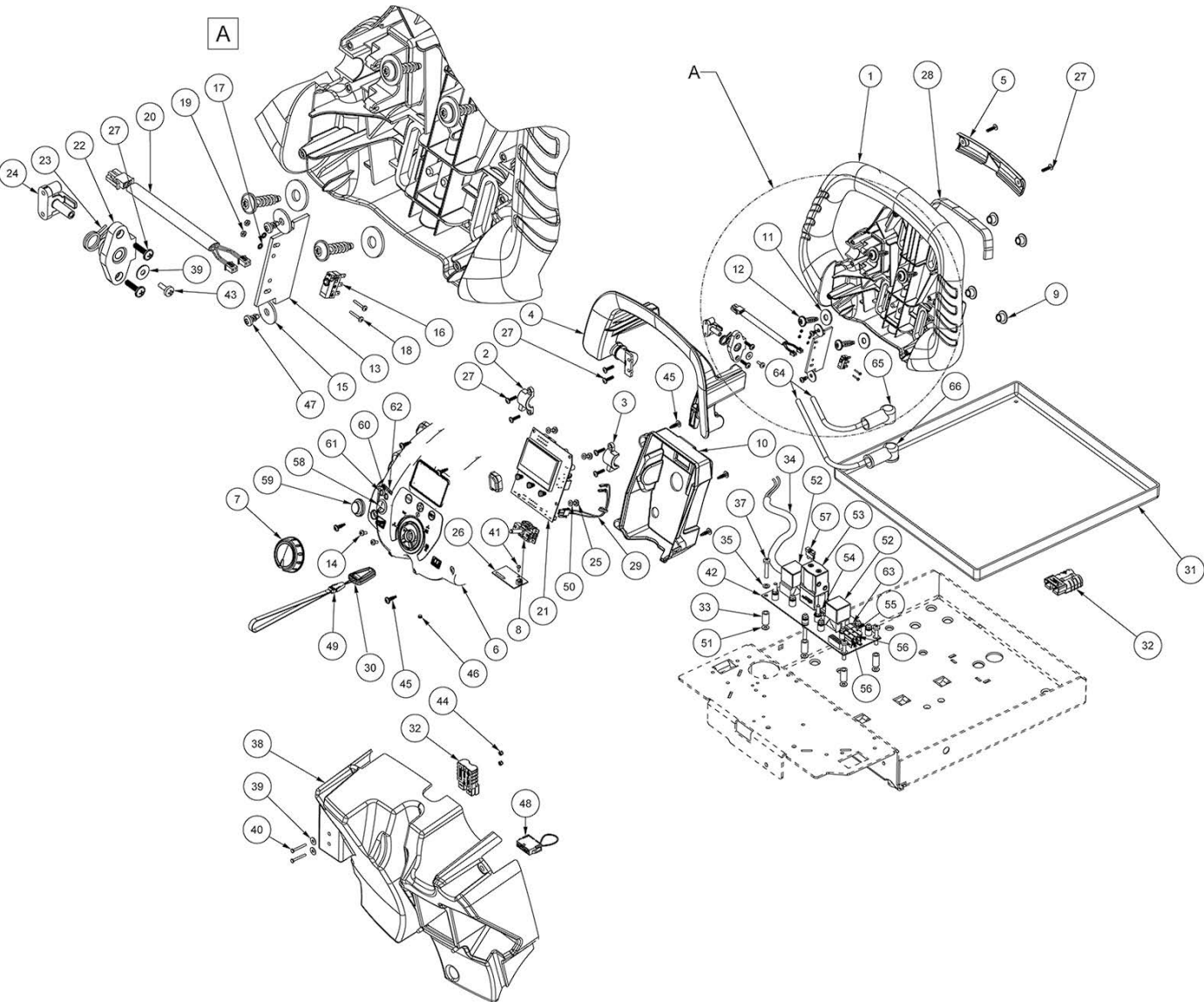


ELECTRICAL COMPONENT With ECH20 GROUP (PAD- ASSIST MODEL W/ LITHIUM ION- BATTERIES)

Ref.	Part No.	Mfr. Date	Description	Qty.
1	MPVR13039	(	) Handle, Hsng, Cntrl	1
2	MPVR06528	(	) Clamp, Bail, Lh	1
3	MPVR07177	(	) Clamp, Bail, Rh	1
4	MPVR06526	(	) Handle, Bail	1
5	MPVR13040	(	) Cover, Handle	1
6	MPVR13755	(	) Housing, Cntrl, Gry [T291,T391,Ech2o]	1
7	MPVR13038	(	) Knob, Blk, Selector	1
8	MECI00587	(	) Switch, Rotary	1
9	LAFN10998	(	) Bushing, Flng, 8.3b 12d 9.7	4
10	MPVR11640	(	) Cover, Controller	1
11	VTRS13946	(	) Washer D. 8 X24 Inx Uni 6593	4
12	VTVT01429	(	) Screw, Pan, Torx, 8x30, Fmg, Kn1038	4
13	MPVR11198	(	) Spacer	1
14	VTVT00813	(	) Screw M 4x 8 Tcb- Tc Uni 8112	2
15	VTRS00291	(	) Washer, Flat, 20d 5b, Uni6593	2
16	MECI00588	(	) Switch, Micro	1
17	VTRS00581	(	) Washer, 2d	2
18	VTVT01592	(	) Screw, M2x12	2
19	VTDD00213	(	) Nut, Hex, M2	2
20	MECB01951	(	) Harness	1
21	MECE00746	(	) Circuitboard, Display	1
22	MPVR07184	(	) Bracket	1
23	MLML00352	(	) Spring, Tors, 12id 1.5wir 3coil	1
24	MPVR07185	(	) Bracket	1
25	VTVT01694	(	) Screw Self Tapping 4.8x9.5 Sus	4
26	MECE00749	(	) Circuitboard	1
27	VTVT01071	(	) Screw Sts Kn1031- Neu 4x16 - H2	10
28	MPVR10772	(	) Gasket, 4x15, 190l	1
29	MECB02018	(	) Harness, Dash	1
30	MEVR02964	(	) Key Chip, Ct 51 B	2
31	LAFN35588	(	) Portabattery Ct Line	1
32	MEVR01079	(	) Plug M Cb50 A 600v Rd.	1
33	MPVR06501	(	) Spacer	6
34	MECB02391	(	) Wiring	1
35	VTRS00516	(	) Washer D. 5 Inx	6
37	VTVT01440	(	) Screw	6
38	MPVR13037	(	) Cover	1
39	VTRS00017	(	) Washer, 12d 4b, Ss	3
40	VTVT00021	(	) Screw, Hex, M3x25, Uni5739	2
41	VTVT00522	(	) Screw, Pan, Phl, 2.9x9.5, Uni6954	1
42	MECE00733	(	) Circuitboard, Relay	1
43	VTVT37012	(	) Screw M 4x 10 Tcb- Tc Inx	1
44	VTDD00210	(	) Nut M 3 Autobl.Din 985 lx.A2	2
45	VTVT01072	(	) Screw, Pan, Torx, 5x16, Fmg, Kn1038	7
46	MPVR10701	(	) Key, Holder, Rubber	1
47	VTVT48694	(	) Screw, M5x12, Uni9707	2
48	MECB01981	(	) Harness, Bridge, W/O Chrgr	1
49	MPVR11496	(	) Strap, Key	1
50	VTRS00570	(	) Washer	4

ELECTRICAL COMPONENT With ECH2O GROUP (PAD- ASSIST MODEL W/ LITHIUM ION- BATTERIES) - Cont'd

DBDB15029

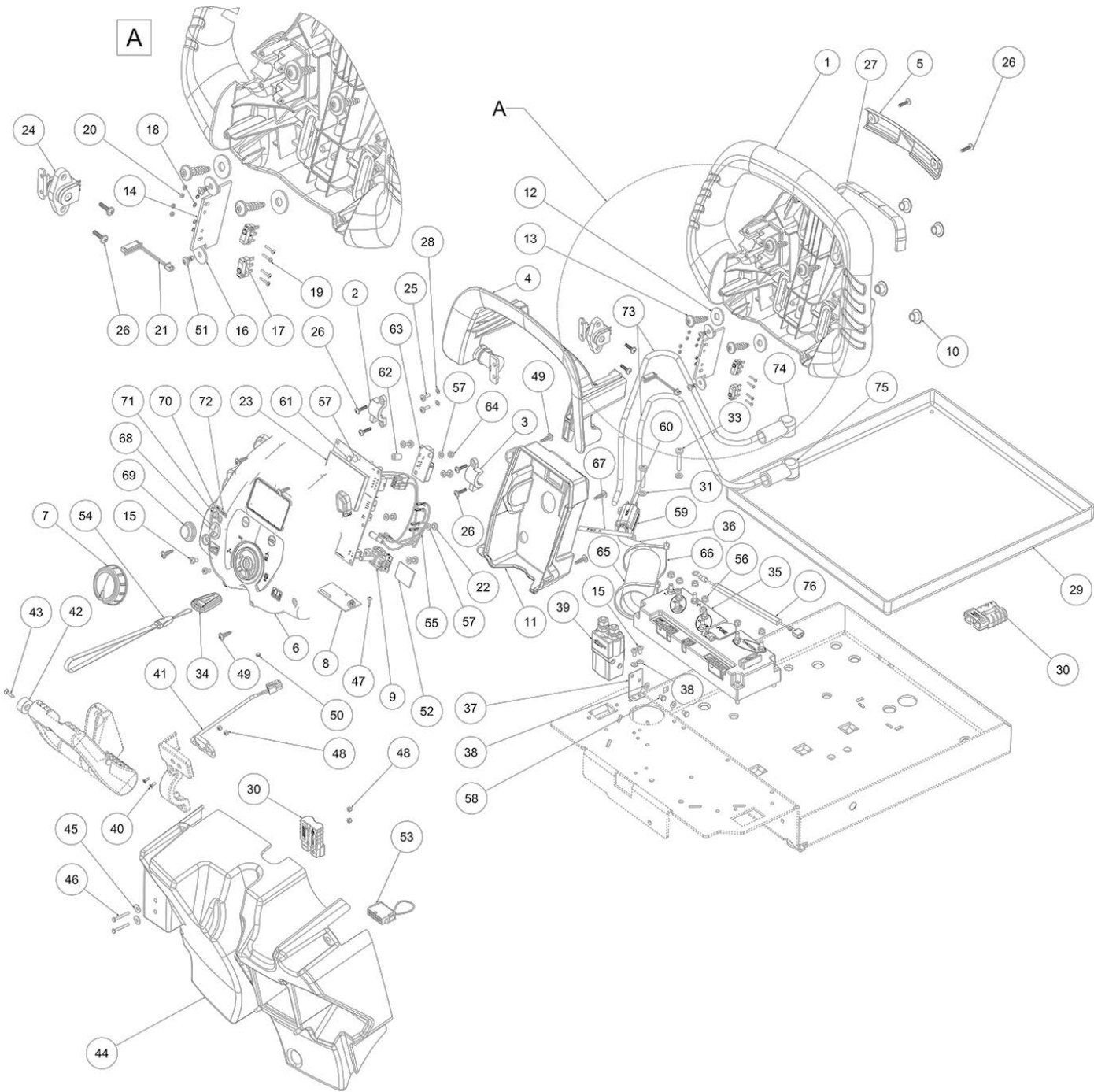


**ELECTRICAL COMPONENT With ECH2O GROUP (PAD- ASSIST MODEL W/ LITHIUM
ION- BATTERIES) - Cont'd**

Ref.	Part No.	Mfr. Date	Description	Qty.
51	VTRS00596	(	) Washer	6
52	MECE00139	(	) Relay 24v 70a	2
53	METT00085	(	) Contactor 100a	1
54	MEVR02105	(	) Fuse 50a Omega Ft3050	1
55	MEVR01132	(	) Fuse, 5a	1
56	MEVR01428	(	) Fuse, 2a	2
57	MEVR01136	(	) Fuse 30a	1
58	MECI00761	(	) Switch, Ec- H2o [T291,T391]	1
59	MPVR13481	(	) Cover	1
60	MECB02357	(	) Led,Green,Panel,Cntrl,Ech2o [T291,T391]	1
61	MECB02358	(	) Led, Red, Panel Cntrl, Ech2o [T291,T391]	1
62	ETET17836	(	) Label [Ec- H2o]	1
63	MEVR02104	(	) Fuse 30a Omega Ft3030	1
64	MECB02420	(	) Wiring	1
65	MEVR02916	(	) Boot,Terminal,Battery [Red,Na]	2
66	MEVR00889	(	) Boot,Terminal,Battery [Black,Na]	2

ELECTRICAL COMPONENT With ECH2O GROUP (PROPEL MODEL W/ LITHIUM ION- BATTERIES)

DBDB15030



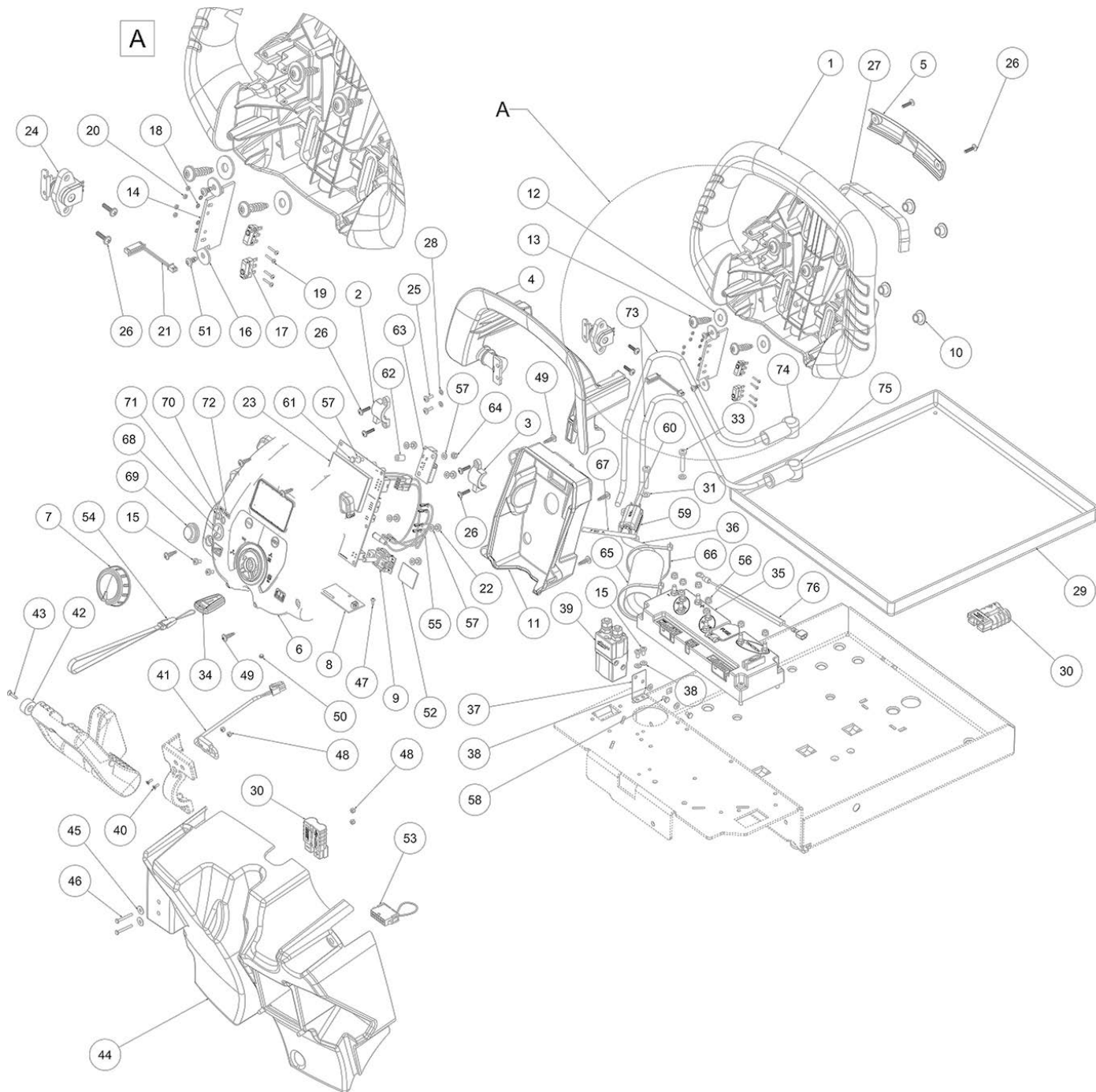
ELECTRICAL COMPONENTS GROUP (PROPEL MODEL W/ LITHIUM ION- BATTERIES)

Ref.	Part No.	Mfr. Date	Description	Qty.
1	MPVR13039	(	) Handle, Hsng, Cntrl	1
2	MPVR06528	(	) Clamp, Bail, Lh	1
3	MPVR07177	(	) Clamp, Bail, Rh	1
4	MPVR06526	(	) Handle, Bail	1
5	MPVR13040	(	) Cover, Handle	1
6	MPVR13755	(	) Housing, Cntrl, Gry [T291,T391,Ech2o]	1
7	MPVR13038	(	) Knob, Blk, Selector	1
8	MECE00804	(	) Controller, Key	1
9	MECI00587	(	) Switch, Rotary	1
10	LAFN10998	(	) Bushing, Flng, 8.3b 12d 9.7	4
11	MPVR11640	(	) Cover, Controller	1
12	VTRS13946	(	) Washer D. 8 X24 Inx Uni 6593	4
13	VTVT01429	(	) Screw, Pan, Torx, 8x30, Fmg, Kn1038	4
14	MPVR11198	(	) Spacer	1
15	VTVT00813	(	) Screw M 4x 8 Tcb- Tc Uni 8112	4
16	VTRS00291	(	) Washer, Flat, 20d 5b, Uni6593	2
17	MECI00588	(	) Switch, Micro	2
18	VTRS00581	(	) Washer, 2d	4
19	VTVT01592	(	) Screw, M2x12	4
20	VTDD00213	(	) Nut, Hex, M2	4
21	MECB02058	(	) Harness	1
22	VTVT01694	(	) Screw Self Tapping 4.8x9.5 Sus	5
23	MECE00810	(	) Circuitboard, Display	1
24	MEVR02389	(	) Potentiometer, 45deg	1
25	VTVT37012	(	) Screw M 4x 10 Tcb- Tc Inx	2
26	VTVT01071	(	) Screw Sts Kn1031- Neu 4x16 - H2	8
27	MPVR10772	(	) Gasket, 4x15, 190l	1
28	VTRS15913	(	) Washer, Grover, D.4, Ss, Uni1751	2
29	LAFN35588	(	) Portabattery Ct Line	1
30	MEVR01079	(	) Plug M Cb50 A 600v Rd.	1
31	VTRS00516	(	) Washer D. 5 Inx	4
33	VTVT01440	(	) Screw	4
34	MEVR02964	(	) Key Chip, Ct 51 B	2
35	MECE00786	(	) Panel, Traction Compelte	1
36	MECB02392	(	) Wiring	1
37	LAFN11075	(	) Bracket, Contactor	1
38	VTRS00515	(	) Washer D. 4 Inx	4
39	METT00085	(	) Contactor 100a	1
40	VTVT01070	(	) Screw Tstc M3x8	2
41	MECI00626	(	) Sensor, Sqge	1
42	MEVR02381	(	) Lever, Magnet, Sqge	1
43	VTVT17357	(	) Screw, Flt, Phl, 3.9x16, Uni6955	1
44	MPVR13037	(	) Cover	1
45	VTRS00017	(	) Washer, 12d 4b, Ss	2
46	VTVT00021	(	) Screw, Hex, M3x25, Uni5739	2
47	VTVT00522	(	) Screw, Pan, Phl, 2.9x9.5, Uni6954	1
48	VTDD00210	(	) Nut M 3 Autobl.Din 985 lx.A2	4
49	VTVT01072	(	) Screw, Pan, Torx, 5x16, Fmg, Kn1038	4
50	MPVR10701	(	) Key, Holder, Rubber	1

STANDARD PARTS

**ELECTRICAL COMPONENTS GROUP (PROPEL MODEL W/ LITHIUM ION- BATTERIES) -
Cont'd**

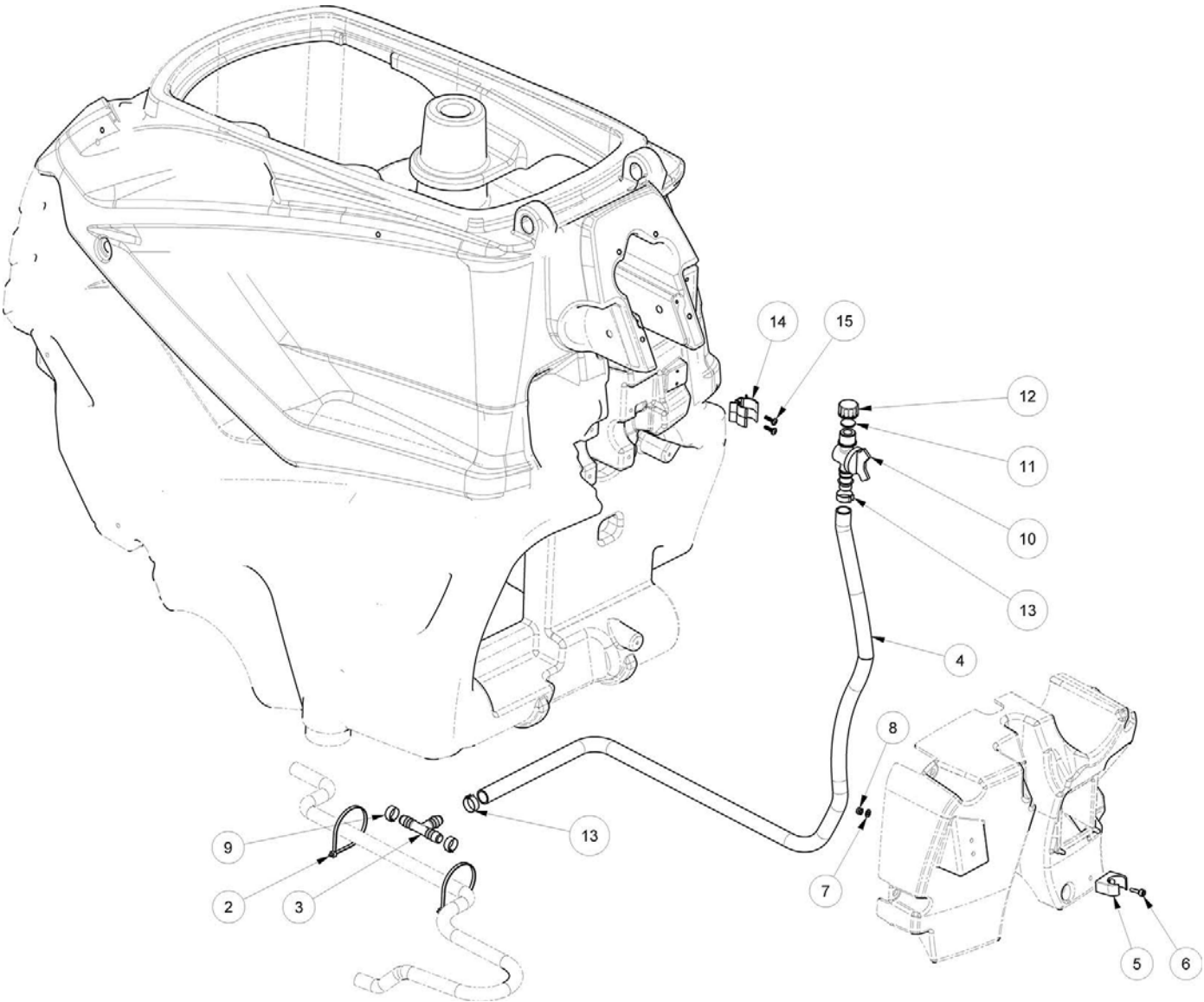
DBDB15030



**ELECTRICAL COMPONENTS GROUP (PROPEL MODEL W/ LITHIUM ION- BATTERIES) -
Cont'd**

Ref.	Part No.	Mfr. Date	Description	Qty.
51	VTVT48694	(	) Screw, M5x12, Uni9707	2
52	MEVR02562	(	) SD- Card	1
53	MECB01981	(	) Harness, Bridge, W/O Chrgr	1
54	MPVR11496	(	) Strap, Key	1
55	MECB02017	(	) Harness, Display, Circuitboard	1
56	VTDD01693	(	) Nut, Hex, M5, Ss	8
57	VTRS00570	(	) Washer	5
58	VTVT01669	(	) Screw, Hex, M4x6, Uni5739	2
59	MEVR02907	(	) Housing, Fuse	1
60	MEVR00604	(	) Fuse	1
61	VTVT00814	(	) Screw Te M4- 25	1
62	MPVR13118	(	) Spacer, 4.2mmid 8mmmod 12mmI	1
63	MECE00877	(	) Cotroller	1
64	VTDD00055	(	) Nut M 4 Atb A2	1
65	MEVR02659	(	) Sleeve, Main Harness [T291,T391]	1
66	FSVR00049	(	) Tie, Cable, 4.5x200, Blk	2
67	ETET17157	(	) Label, Bracket, Wcm [T291]	1
68	MECI00761	(	) Switch, Ec- H2o [T291,T391]	1
69	MPVR13481	(	) Cover	1
70	MECB02357	(	) Led,Green,Panel,Cntrl,Ech2o [T291,T391]	1
71	MECB02358	(	) Led, Red, Panel Cntrl, Ech2o [T291,T391]	1
72	ETET17836	(	) Label [Ec- H2o]	1
73	MECB02396	(	) Wiring	1
74	MEVR02916	(	) Boot,Terminal,Battery [Red,Na]	2
75	MEVR00889	(	) Boot,Terminal,Battery [Black,Na]	2
76	MEVR00604	(	) Fuse	1

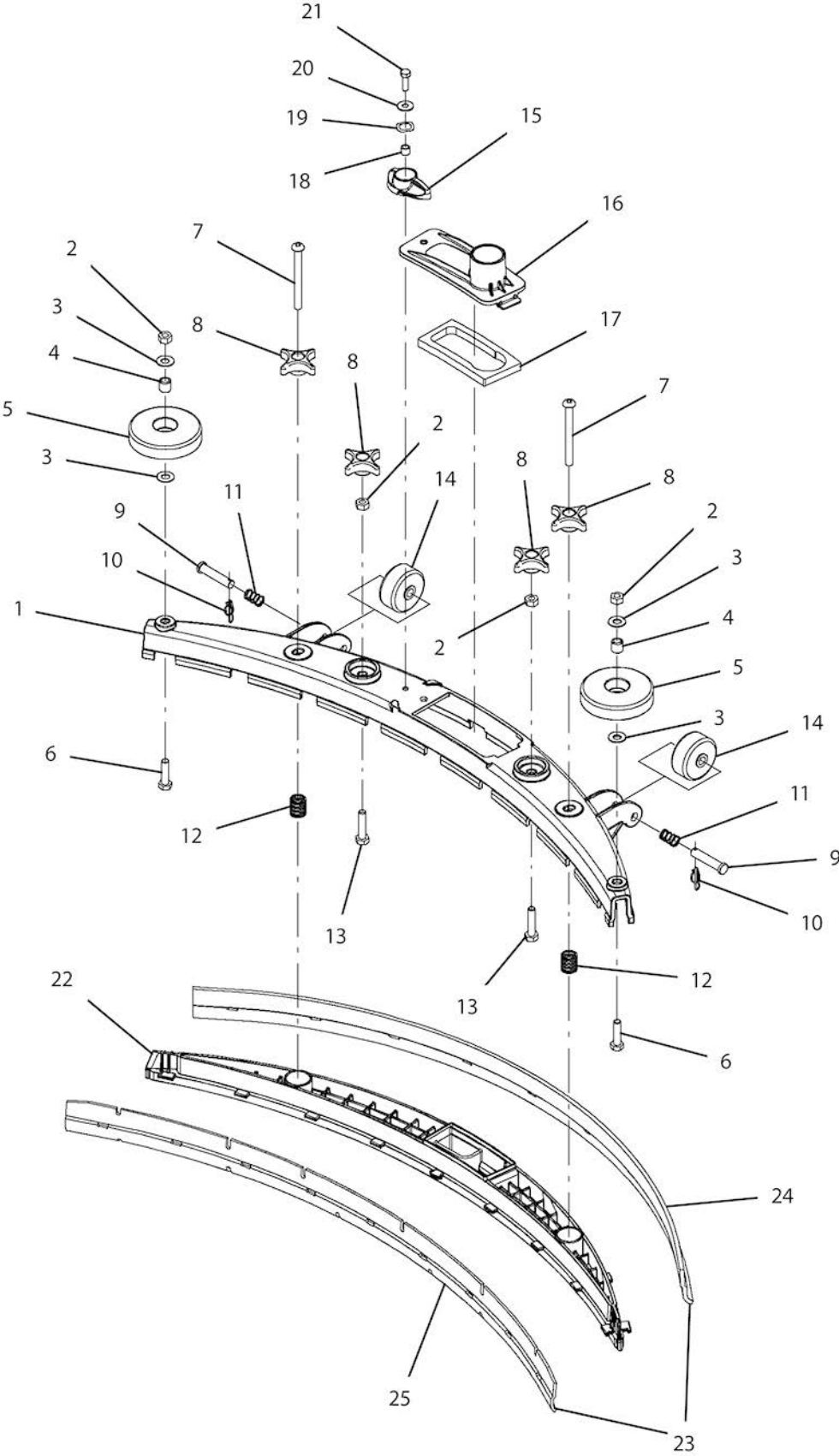
DRAIN HOSE GROUP



DRAIN HOSE GROUP

Ref.	Part No.	Mfr. Date	Description	Qty.
2	FSVR00049	(	) Tie, Cable, 4.5x200, Blk	2
3	897268	(	) Fitting, T	1
4	TBBP00781	(	) Hose, Soltn, Drain [T291,T391]	1
5	897266	(	) Clip, M25	1
6	VTVT17720	(	) Screw, Soc, M5x16, Ss	1
7	897166	(	) Washer, 5d, Ss	1
8	VTDD01693	(	) Nut, Hex, M5, Ss	1
9	897257	(	) Clamp, Hose	2
10	897271	(	) Valve	1
11	897270	(	) Gasket, Rbr	1
12	897269	(	) Cap	1
13	897273	(	) Clamp	2
14	MPVR05996	(	) Clip, Hose Solution [T291,T391]	1
15	897669	(	) Screw, M4x16	2

SQUEEGEE GROUP



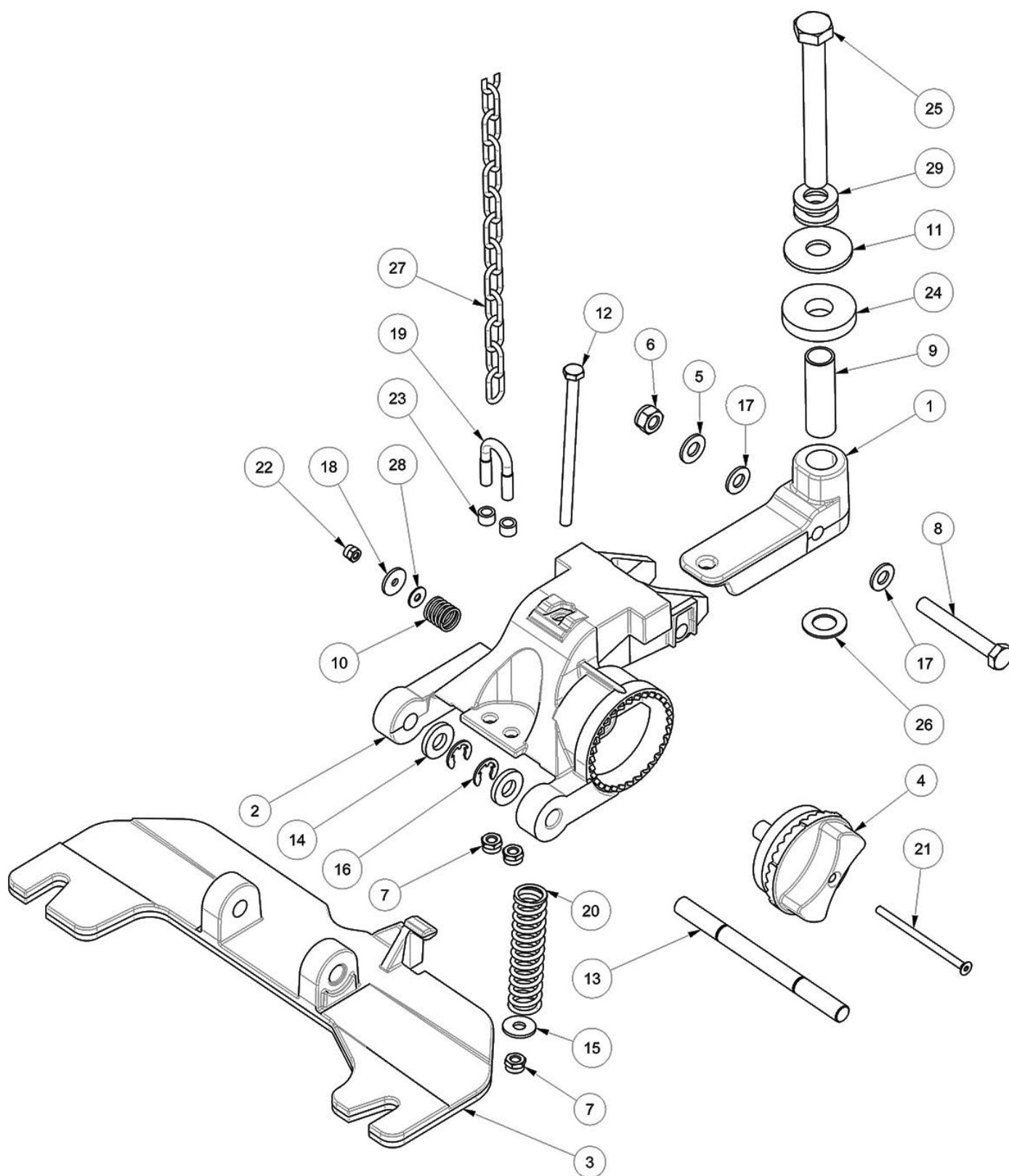
SQUEEGEE GROUP

	Ref.	Part No.	Mfr. Date	Description	Qty.
▽		9014172	(	) Squeegee Kit, Linatex, Ci [T300/E/Ss300]	1
▲	1	1230946	(	) Frame, Sqge, 50cm, Mach [T300]	1
▲	2	07786	(	) Nut, Hex, Std, M8 X 1.25, Ss	2
▲	3	140027	(	) Washer, Flat, 0.35b 0.75d .04, Ss	4
▲	4	222460	(	) Sleeve, P/M, 0.32b 0.50d 0.5l [430ss]	2
▲	5	1010560	(	) Wheel, Bmpr, 80d X 25w, Non- Marking	2
▲	6	1016399	(	) Screw, Hex, M8 X 1.25 X 30, NI, Ss	2
▲	7	1255358	(	) Screw, Btn, M8 X 1.25 X 85, Ss	2
▲	8	1213677	(	) Knob, Star, 2.00od 4ear M8x1.25 [Yel]	4
▲	9	17461	(	) Pin, Clevis, 0.37d X 1.75l	2
▲	10	1216647	(	) Pin, Cotter, Hair, 0.38d .054 Wir	2
▲	11	1017091	(	) Spring, Cmpr, 0.50od .04wir 00.8l	2
▲	12	22290	(	) Spring, Cmpr, 0.72od .06wir 02.3l	2
▲	13	09026	(	) Screw, Hex, M8 X 1.25 X 40, Ss	2
▲	14	630477	(	) Wheel, Pyu, 02.0d 0.38w, Gray	2
▲	14	9018501	(	) Wheel, 59.2d 22w 8.4b, Gray	2
▲	15	1222109	(	) Knob, Sqge, 58l, M6 X 1.00, Plstc	1
▲	16	1209631	(	) Cover, Trap, Water, Sqge	1
▲	17	1210756	(	) Gasket, Trap, Water, Sqge	1
▲	18	140154	(	) Sleeve, P/M, 0.25b 0.38d 0.3l, PI	1
▲	19	140060	(	) Washer, .505 X .750 X 0.45 Wave	1
▲	20	01684	(	) Washer, Flat, 0.27b 0.69d .05, Ss	1
▲	21	12277	(	) Screw, Hex, M6 X 1.00 X 20, NI, Ss	1
▲	22	1203638	(	) Retainer, Sqge [T300]	1
▲	23	9015731	(	) Blade Kit, 500mm, Linatex	1
▲	23	9015732	(	) Blade Kit, 500mm, Urethane	1
▲	23	9015730	(	) Blade Kit, 500mm, Gum	1
▲	24	1203953	(	) Blade, Sqge, Rear, 836l, Linatex[500mm]	1
▲	24	1215609	(	) Blade, Sqge, Rear, 836l, Urethane[500mm]	1
▲	24	1215610	(	) Blade, Sqge, Rear, 836l, Gum[500mm]	1
▲	25	1203954	(	) Blade, Sqge, Front, 788l, Linatex[500mm]	1
▲	25	1215611	(	) Blade, Sqge, Front, 788l, Urethane[500mm]	1
▲	25	1215612	(	) Blade, Sqge, Front, 788l, Gum[500mm]	1

▽ ASSEMBLY

▲ INCLUDED IN ASSEMBLY

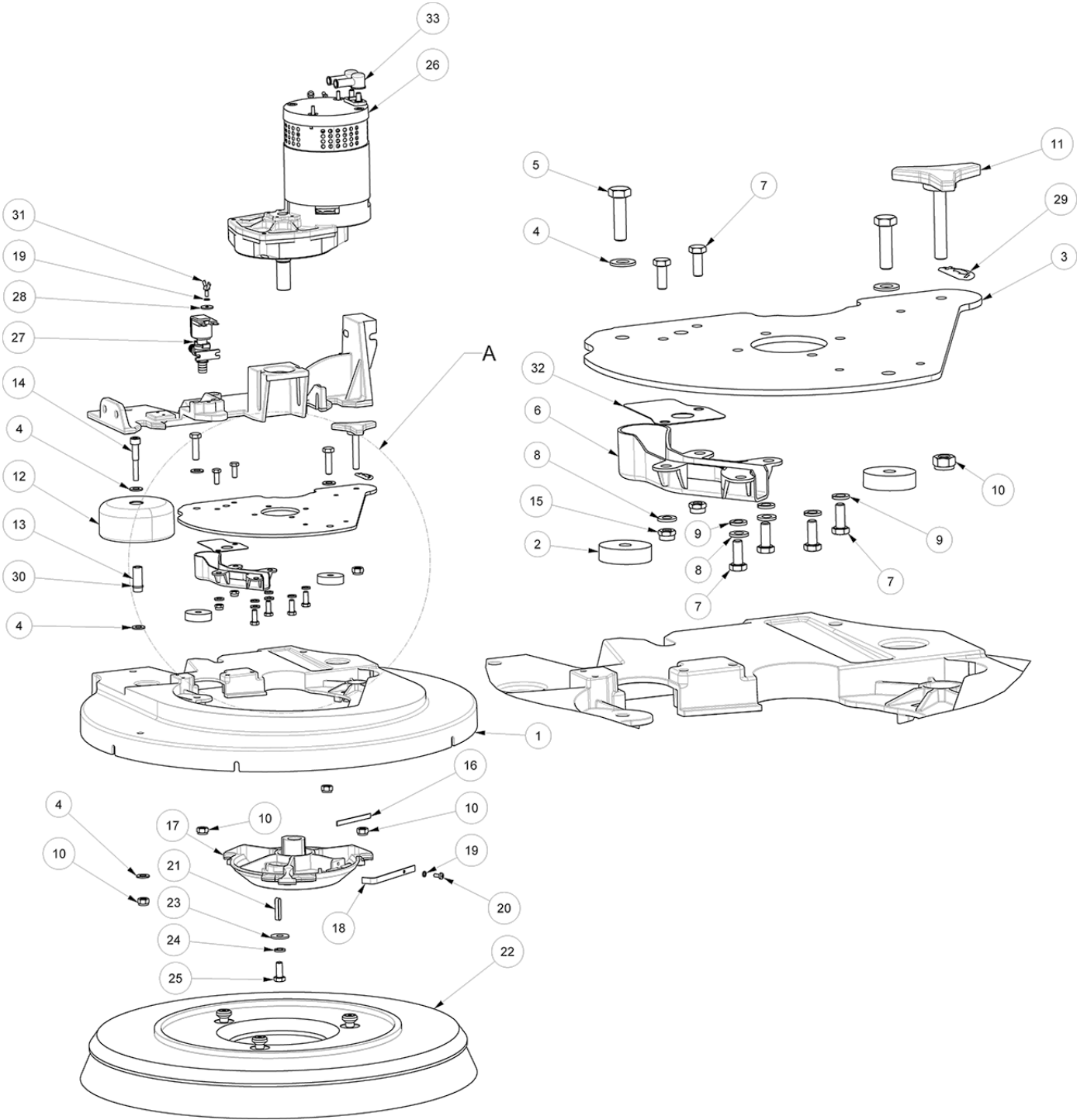
Tennant T291 (05- 2024)



SQUEEGEE SUPPORT GROUP

Ref.	Part No.	Mfr. Date	Description	Qty.
1	MFVR00235	(	) Support, Sqge, Pivot	1
2	MFVR00236	(	) Support, Arm, Sqge	1
3	MFVR00335	(	) Support, Sqge	1
4	MPVR06468	(	) Knob, Sqge, Angle, Adjmt	1
5	897152	(	) Washer, 8d, Ss, Uni6592	1
6	VTDD01701	(	) Nut, Hex, M8, Ss	1
7	VTDD01700	(	) Nut, M6 Inox+Zin.	3
8	897253	(	) Screw, M8x60	1
9	LAFN09439	(	) Bushing, 13id X 16od X 51l	1
10	MLML00491	(	) Spring, Cmpr, 13.1d 0.8wir 25l	1
11	897247	(	) Washer, Flat, 36d 12b 2.5, Uni6593	1
12	VTVT01437	(	) Screw, Hex, M6x100	1
13	LAFN09417	(	) Pin, Sqge, Sppt	1
14	VTRS00382	(	) Washer	2
15	897112	(	) Washer, Flat, 18d 6b 1.6, Uni6593	1
16	VTAE00077	(	) Ring, Retaining, Ext, 10mmd, Uni 7434	2
17	897157	(	) Washer, 84d 17b 2, Nyl	2
18	897149	(	) Washer, M4x16, Ss	1
19	897251	(	) Bolt, U, M6 X 11 X 29	1
20	MLML00490	(	) Spring, Cmpr, 18d 2.5wir 75l	1
21	VTVT01585	(	) Screw, Flt, Soc, M4x70, Uni5933	1
22	897160	(	) Nut, Hex, M4, Ss	1
23	TBBP00746	(	) Spacer, 6x9mm L=6mm	2
24	897255	(	) Washer, M15x40	1
25	VTVT01503	(	) Screw, Hex, M12x105, 8.8, Uni5737	1
26	VTRS88000	(	) Washer	1
27	MTCR00107	(	) Chain, Sqge, Lift	1
28	VTRS00017	(	) Washer, 12d 4b, Ss	1
29	897215	(	) Washer, 24d 12b, Ss, Uni6592	2

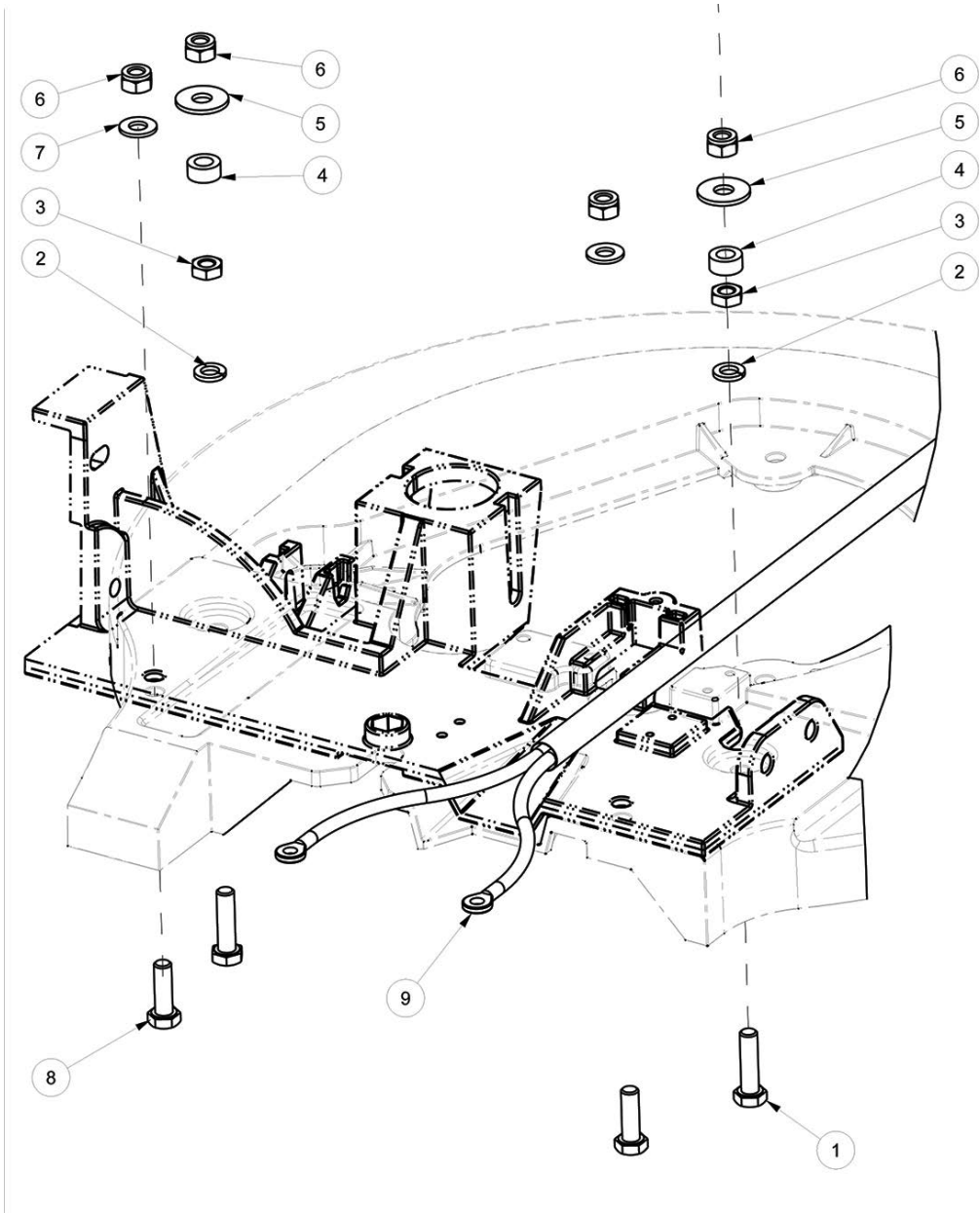
SCRUB HEAD GROUP



SCRUB HEAD GROUP

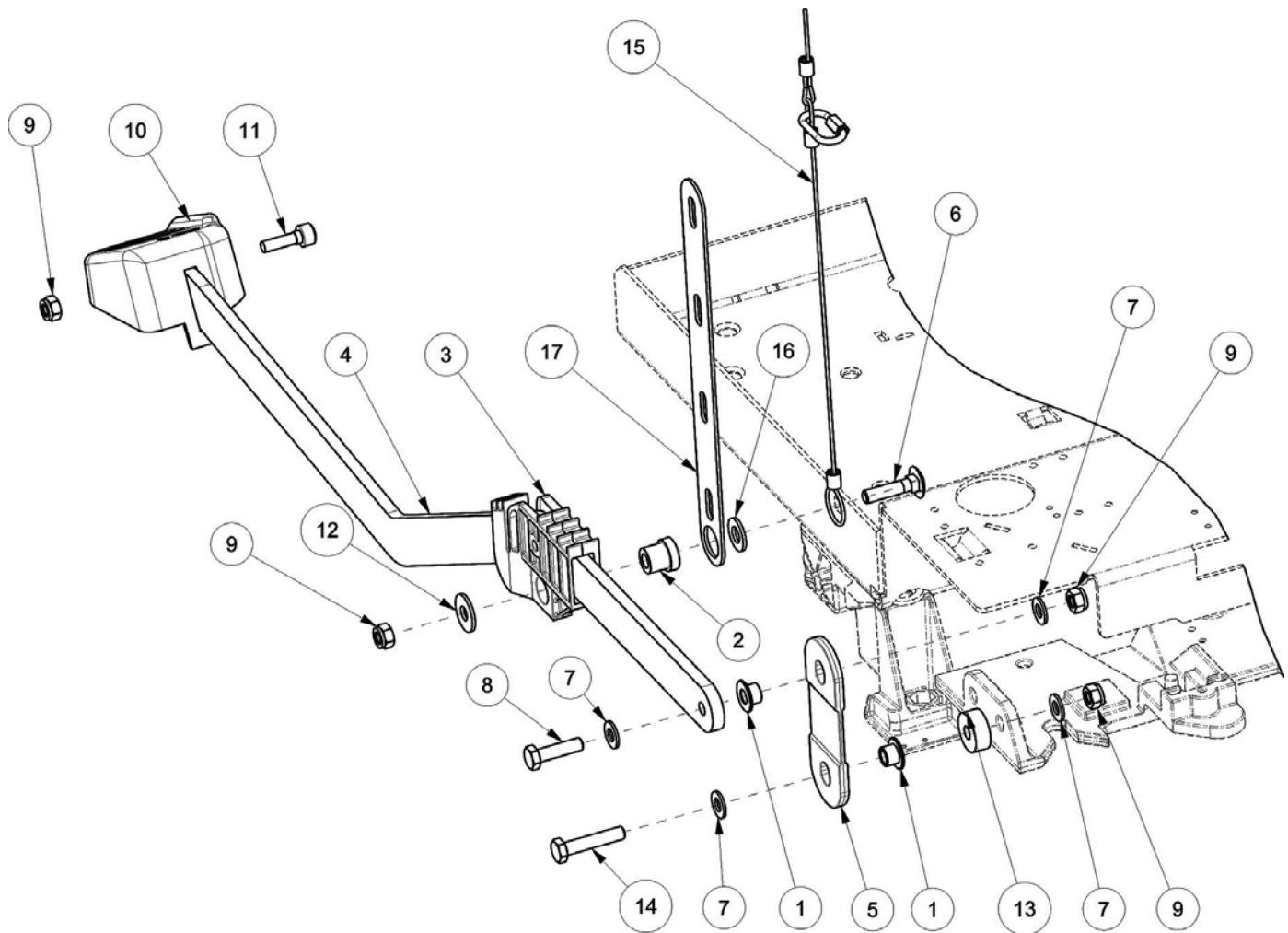
Ref.	Part No.	Mfr. Date	Description	Qty.
1	MFVR00238	(	) Housing, Deck, 50- 55	1
2	GUVR01012	(	) Washer, 8b 35d	2
3	LAFN09424	(	) Plate	1
4	897152	(	) Washer, 8d, Ss, Uni6592	5
5	897530	(	) Screw, Hex, M8x30, Ss, Uni5737	2
6	MPVR06503	(	) Duct, Water	1
7	897128	(	) Screw, Hex, M8x40, Uni5739	5
8	897106	(	) Washer, Flat, 11d 6b 1.6, Ss, Uni6592	4
9	897129	(	) Washer, M6, Ss, Uni1751	4
10	VTDD01701	(	) Nut, Hex, M8, Ss	5
11	MPVR10568	(	) Knob, Star, 65d M8x50	1
12	RTRT00510	(	) Wheel, Bmpr	1
13	LAFN11995	(	) Spacer, 9b 12d 33l	1
14	VTVT09650	(	) Screw, Soc, M8x50, Uni5931	1
15	VTDD01700	(	) Nut, M6 Inox+Zin.	2
16	MLML00470	(	) Spring	1
17	KTRI06333	(	) Hub Kit, Drive, Brush, Disk	1
18	MLML00350	(	) Spring	1
19	897204	(	) Washer, 4d, Uni1751	2
20	897313	(	) Screw, M4x10	1
21	VTVR16617	(	) Key, 6x6x30, Uni6604	1
22	SPPV01332	(	) Brush Assy, Disk, Scb, 50cm, Pyp	1
23	897120	(	) Washer, Flat, 24d 8b, Ss, Uni6593	1
24	897216	(	) Washer, 8b, Ss, Uni1751	1
25	897316	(	) Screw, Hex, M8x20, Ss, Uni5739	1
26	MOCC00449	(	) Motor, Brush	1
26	MEVR02923	(	) Vr, Brush Kit, Motor, Brush [4 Pc]	1
27	9017718	(	) Valve, Water, Solenoid, 24vdc	1
28	897149	(	) Washer, M4x16, Ss	1
29	KTRI06377	(	) Label Kit [T291]	1
30	897102	(	) Washer, 13.00d 10.00b	1
31	897169	(	) Screw, M4x10	1
32	MPVR13548	(	) Plate, Separator, Scb Head [T291]	1
33	MEVR02826	(	) Cap Rubber Insulating L=41	2

SCRUB HEAD SUPPORT BRACKET GROUP



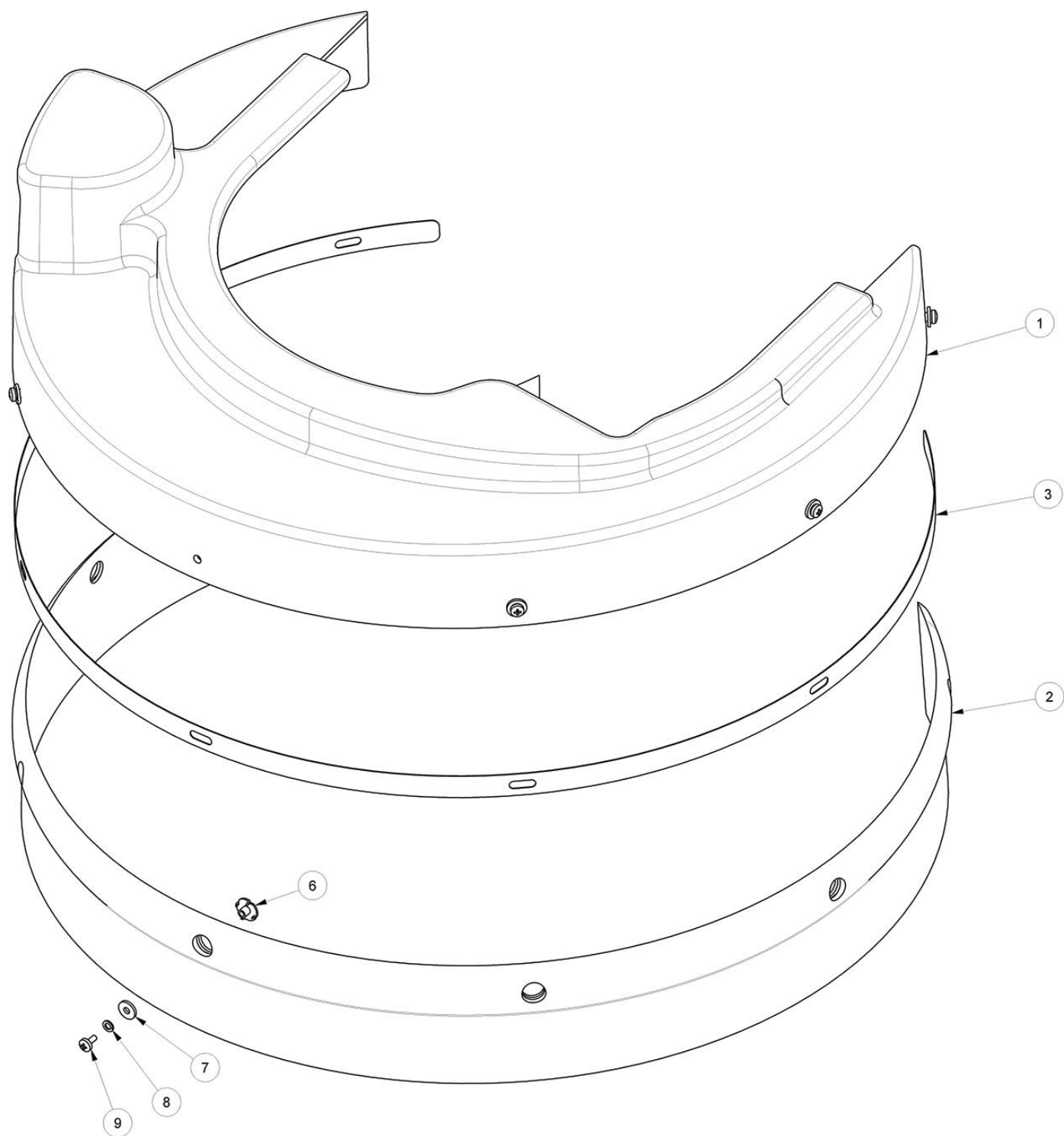
Ref.	Part No.	Mfr. Date	Description	Qty.
1	897246	(	) Screw, Hex, M8x30, Ss, Uni5739	2
2	897216	(	) Washer, 8b, Ss, Uni1751	2
3	VTDD00057	(	) Nut, Hex, Thin, M8, Brs, Uni5589	2
4	LAFN11003	(	) Spacer, 8.5b 15d 7	2
5	897120	(	) Washer, Flat, 24d 8b, Ss, Uni6593	2
6	VTDD01701	(	) Nut, Hex, M8, Ss	4
7	897152	(	) Washer, 8d, Ss, Uni6592	2
8	897233	(	) Screw, Hex, M8 X 25, Ss, Uni5739	2
9	MECB01945	(	) Harness, Motor	1

HEAD LIFT PEDAL GROUP



Ref.	Part No.	Mfr. Date	Description	Qty.
1	LAFN10998	(	) Bushing, Flng, 8.3b 12d 9.7	2
2	LAFN10997	(	) Spacer, 8.8b 16d 18.7	1
3	MPVR06500	(	) Support, Lift, Pedal	1
4	LAFN09427	(	) Lever, Pedal, Brush, Head	1
5	MPVR06502	(	) Link, Pedal, Brush, Head	1
6	VTVT01143	(	) Screw, M8x35	1
7	897152	(	) Washer, 8d, Ss, Uni6592	4
8	897246	(	) Screw, Hex, M8x30, Ss, Uni5739	1
9	VTDD01701	(	) Nut, Hex, M8, Ss	4
10	MPVR06471	(	) Pedal, Lift, Head	1
11	VTVT00639	(	) Screw, Soc, M8x25	1
12	897120	(	) Washer, Flat, 24d 8b, Ss, Uni6593	1
13	MPVR10793	(	) Spacer	1
14	897536	(	) Screw, Hex, M8x40	1
15	CMCV00399	(	) Cable, Safety, Stl	1
16	897432	(	) Washer, 10b, 21d, Ss, Uni6592	1
17	MPVR11573	(	) Plate, Guide, Pedal	1

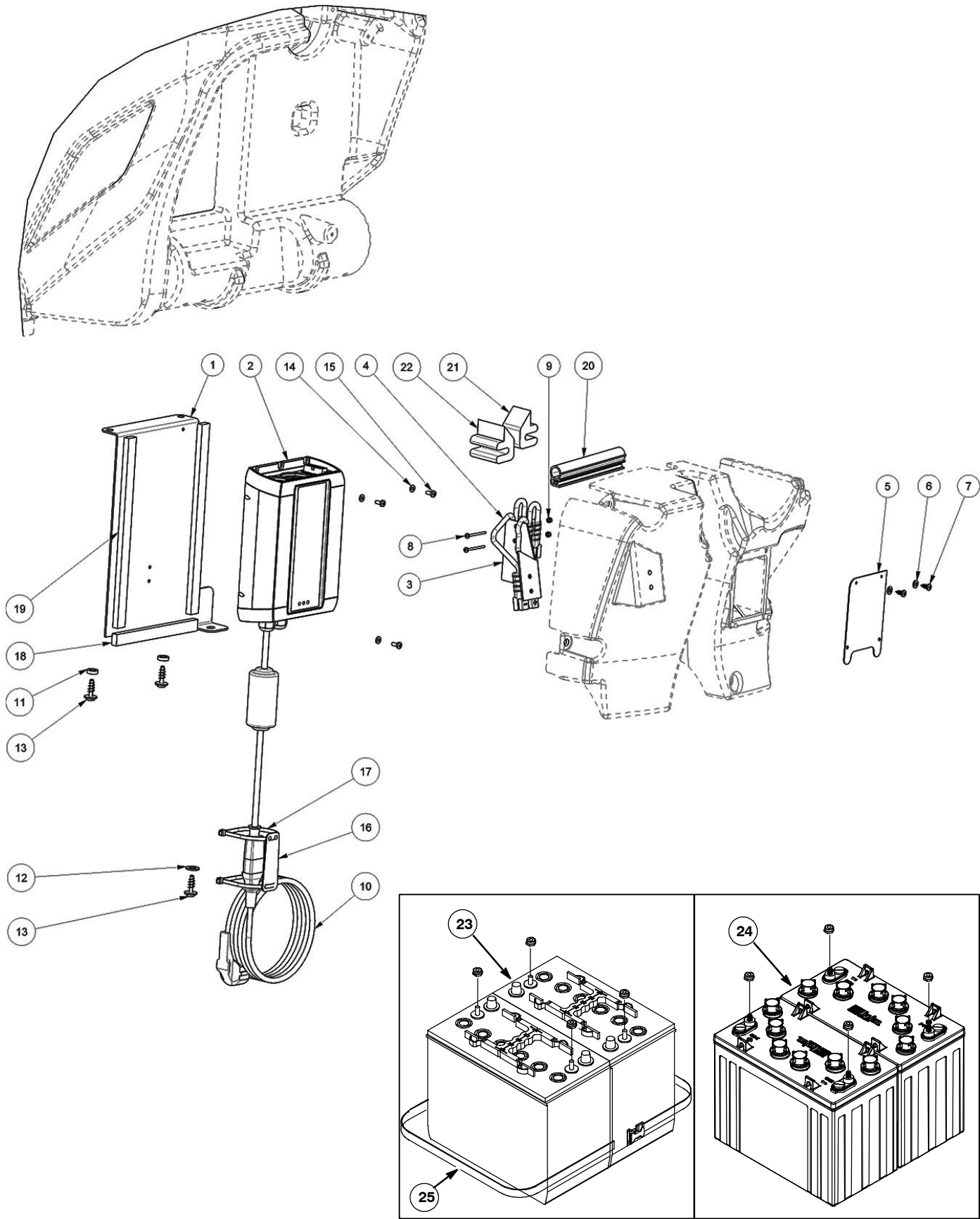
SPLASH GUARD GROUP



SPLASH GUARD GROUP

Ref.	Part No.	Mfr. Date	Description	Qty.
1	KTRI05244	(	) Splash Guard Kit, 50cm- 55cm [T291]	1
2	MPVR12718	(	) Splash Guard, Rubber 50- 55cm [T291- T391]	1
3	LAFN11270	(	) Strap, Guard, Splash [T291 50- 55cm]	1
6	VTDD34556	(	) Nut, Tee, M4	7
7	VTRS15959	(	) Washer, Flat, 4 X 12, Uni6593	7
8	897204	(	) Washer, 4d, Uni1751	7
9	VTVT01619	(	) Screw, M4 X 8, Ss, Din7985	7

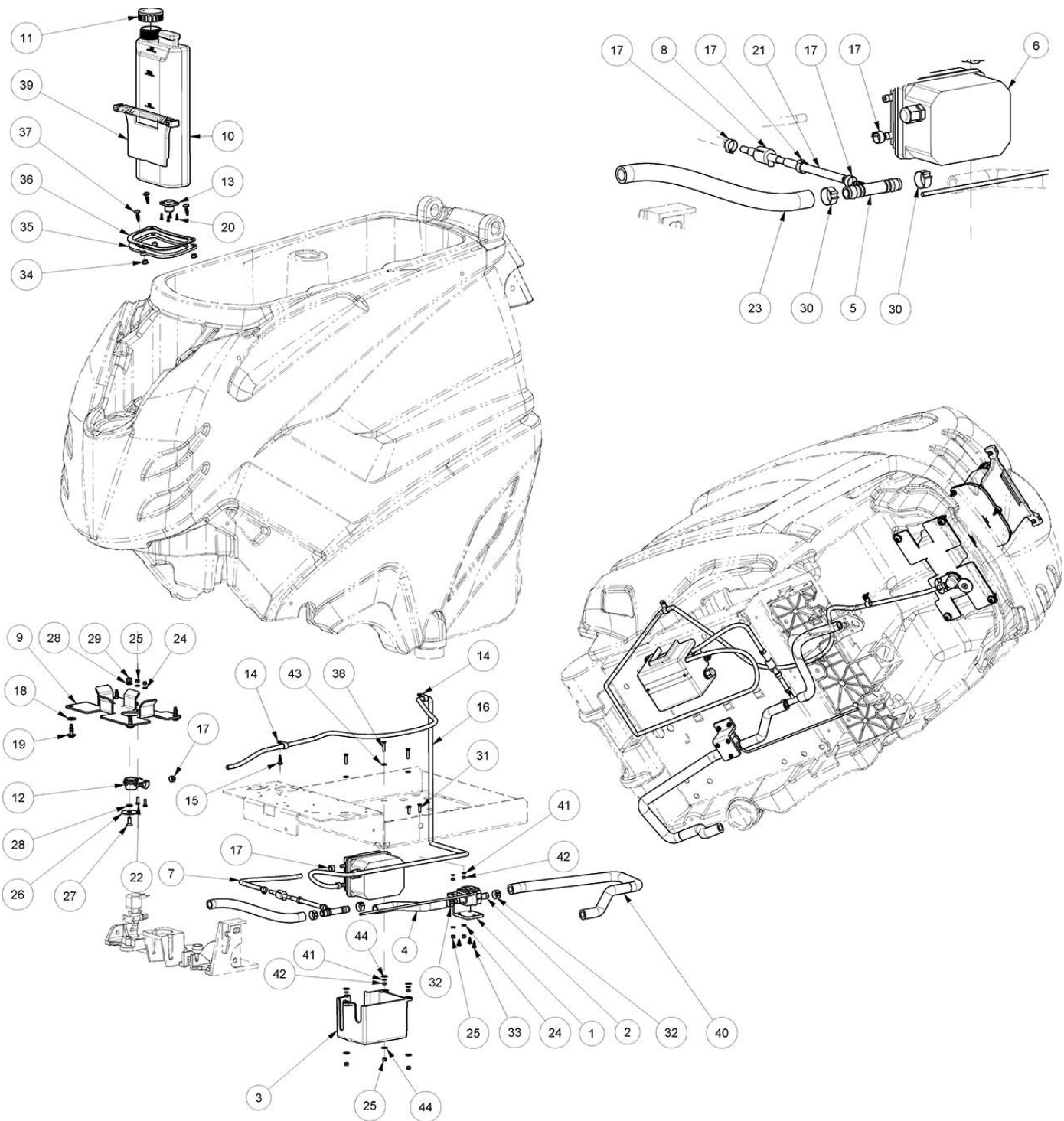
BATTERY & CHARGER GROUP



BATTERY & CHARGER GROUP

Ref.	Part No.	Mfr. Date	Description	Qty.
1	LAFN08235	(	) Plate, Charger	1
2	BACA00305	(	) Charger, Battery, 24V 13AH CULUS WET	1
3	LAFN11046	(	) Bracket, Chrgr	1
4	MECB01964	(	) Cable Assy, Chrgr, Battery	1
5	MPVR10745	(	) Cover, Power, Cord, Clr	1
6	897166	(	) Washer, 5d, Ss	2
7	VTVT48694	(	) Screw, M5x12, Uni9707	2
8	VTVT00691	(	) Screw, Pan, Phl, M3x35, Din7985 A/2	2
9	9018496	(	) Nut, Hex, Lock, M3, NI Din985	2
10	BACA00305	(	) Charger, Battery, 24V 13AH CULUS WET	1
10	1069835	(	) Cord, Power, Chrgr, 120vac [S8- Us/Jp]	1
11	VTRS00383	(	) Washer	2
12	897152	(	) Washer, 8d, Ss, Uni6592	1
13	VTVT01430	(	) Screw, Pan, Torx, 8x22, Fmg, Kn1038	3
14	897156	(	) Washer, 4d, Ss	3
15	897313	(	) Screw, M4x10	3
16	MPVR11197	(	) Plate, Power, Cord, Holder	1
17	FSVR00049	(	) Tie, Cable, 4.5x200, Blk	2
18	GUG000589	(	) Gasket	1
19	GUG000590	(	) Gasket	2
20	GUVR00624	(	) Gasket, 0.12m	1
21	GUG000110	(	) Gasket, Cover, Tank	1
22	GUG000110	(	) Gasket, Cover, Tank	1
23	1268974	(	) Battery, 12vdc 145ah AGM	1
24	130869	(	) Battery, Wet, 12vdc 0130ah[30xhs- Wnt Tr]	1
24	1015046	(	) Battery, Wet, 12vdc 0150ah	1
25	222682	(	) Strap, Poly, Webbing 1.0 X 100.0	1

SEVERE ENVIRONMENT GROUP



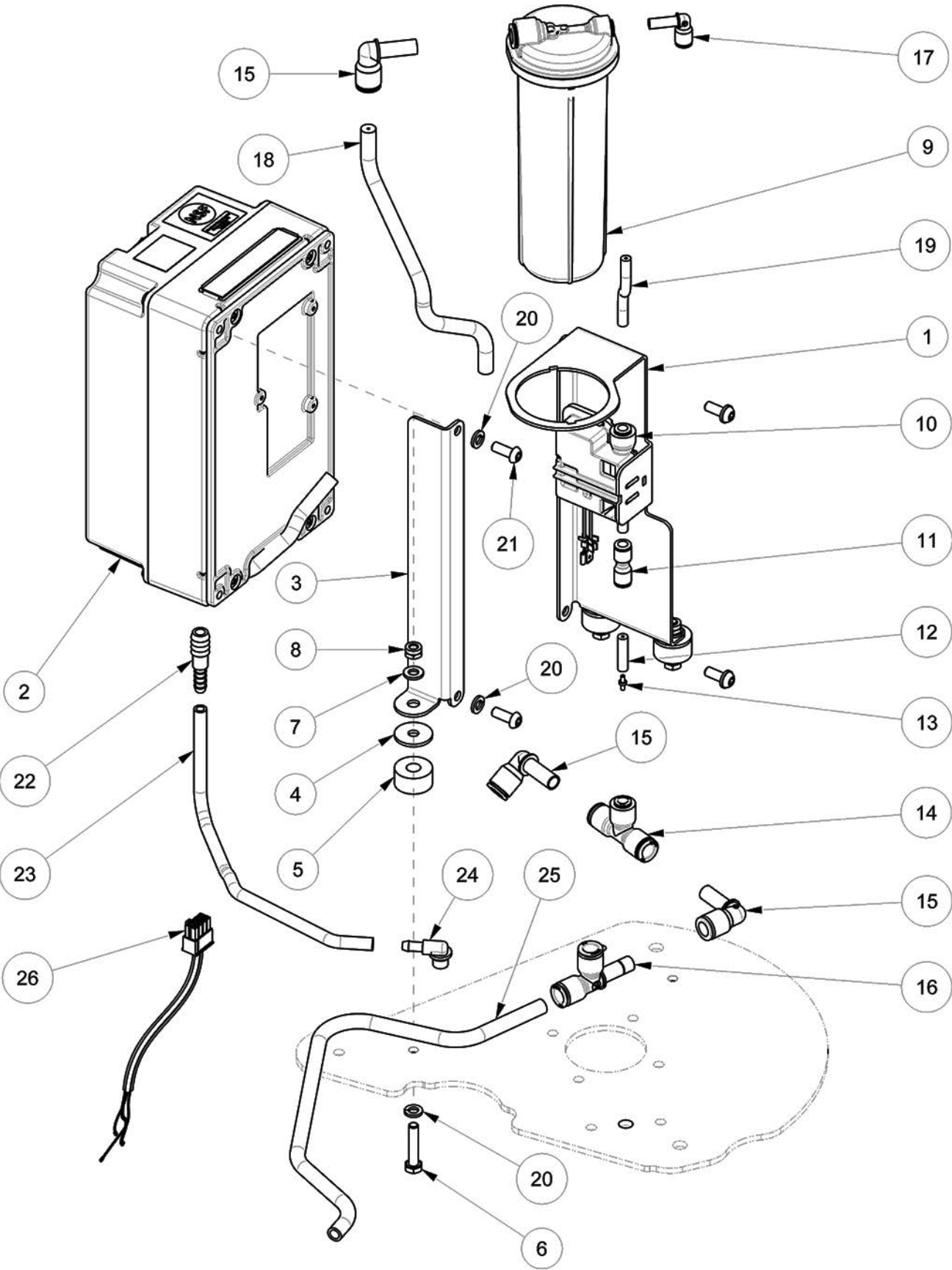
SEVERE ENVIRONMENT GROUP

Ref.	Part No.	Mfr. Date	Description	Qty.
	KTRI06373	(	) Dispenser Kit, Chem [T291/T391]	
1	LAFN11278	(	) Bracket, Gauge, Flow	1
2	MEVR02922	(	) Gauge, Flow	1
3	MPVR06508	(	) Cover, Detgt, Pump	1
4	897256	(	) Hose, Pvc, Clr, 12id 18od	1
5	RCVR00745	(	) Fitting, Tee, Detgt	1
6	PPBP00123	(	) Pump	1
7	1014985	(	) Hose, Afmkt, Pvc, Clr, 0.25id, 08ft	1
8	RCGR00079	(	) Valve	1
9	LAFN11088	(	) Bracket	1
10	MPVR10575	(	) Tank, Detgt	1
▽	KTRI05275	(	) Tank Kit [Chem Dose T291/T391]	
▲ 11	MPVR40756	(	) Cap, Soltn, Tank	1
12	VVSF00031	(	) Valve	1
▲ 13	VVSF00031	(	) Valve	1
14	897334	(	) Clamp, Cable, 9.5d	2
15	VTVT01072	(	) Screw, Pan, Torx, 5x16, Fmg, Kn1038	1
16	1014985	(	) Hose, Afmkt, Pvc, Clr, 0.25id, 08ft	1
17	FSVR00087	(	) Clamp	5
18	897152	(	) Washer, 8d, Ss, Uni6592	4
19	VTVT01430	(	) Screw, Pan, Torx, 8x22, Fmg, Kn1038	4
▲ 20	VTVT00820	(	) Screw, M3.5x10	4
21	TBBP00003	(	) Tube	1
22	897453	(	) Screw, Hex, M4x12, Ss, Uni7539	2
23	897256	(	) Hose, Pvc, Clr, 12id 18od	1
24	897156	(	) Washer, 4d, Ss	4
25	897276	(	) Nut, Hex, M4	4
26	897375	(	) Washer, 32d 8b, Ss, Uni6593	1
27	VTVT00832	(	) Screw, Flt, Soc, M6x16, Ss	4
28	897106	(	) Washer, Flat, 11d 6b 1.6, Ss, Uni6592	5
29	VTDD01700	(	) Nut, M6 Inox+Zin.	4
30	897257	(	) Clamp, Hose	2
31	897502	(	) Screw, Flt, Soc, M4x16, Uni5933	2
32	FSVR00258	(	) Clamp	2
33	VTVT48694	(	) Screw, M5x12, Uni9707	3
34	LAFN11180	(	) Bushing, Flng, 7.2b 9.2d 5	3
35	GUG000586	(	) Gasket	1
36	LAFN11121	(	) Flange	1
37	VTVT01591	(	) Screw, Pan, Torx, 6x20, Fmg, Kn1038	3
38	VTVT00877	(	) Screw, Flt, Soc, M4x20, Ss, Uni5933	3
39	MPVR11678	(	) Support, Latch, Cover	1
40	897256	(	) Hose, Pvc, Clr, 12id 18od	1
41	897204	(	) Washer, 4d, Uni1751	5
42	VTDD00147	(	) Nut, Hex, Std, M4, Ss, Uni5588	5
43	897166	(	) Washer, 5d, Ss	3
44	VTRS00017	(	) Washer, 12d 4b, Ss	6

▽ ASSEMBLY

▲ INCLUDED IN ASSEMBLY

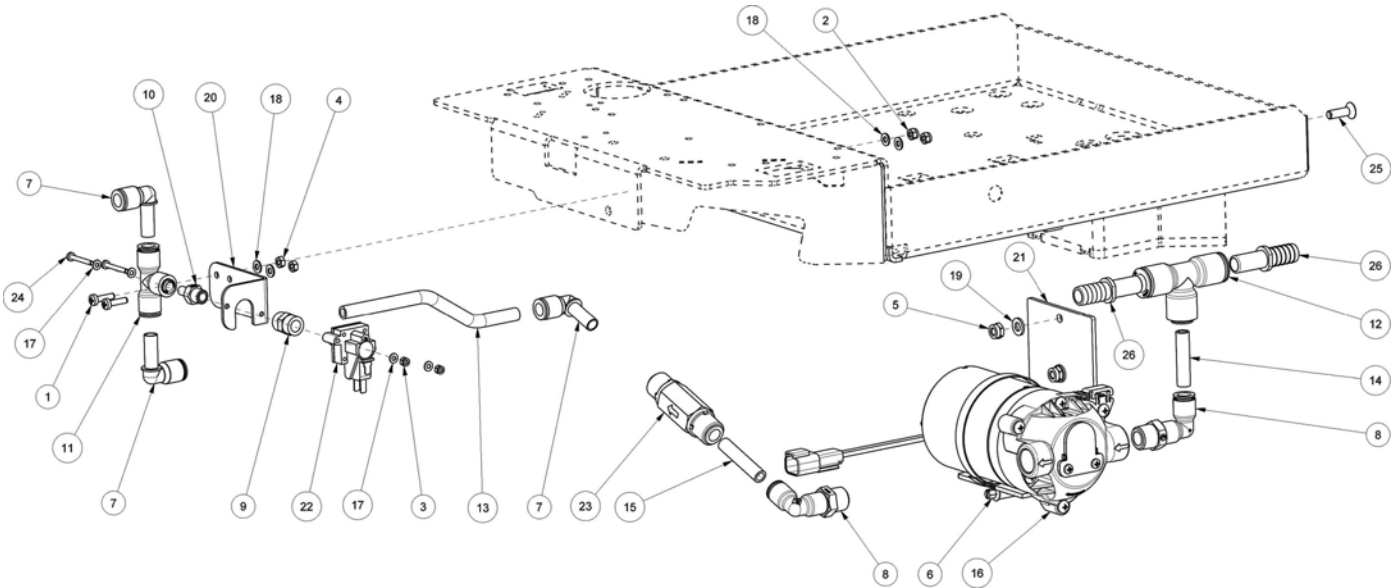
Ec- H2O NANOCLEAN GROUP



Ec- H2O NANOCLEAN GROUP

Ref.	Part No.	Mfr. Date	Description	Qty.
1	LAFN11866	(	) Bracket	1
2	9021553	(	) Module Kit, Replmt [Ec- H2o, B 02]	1
3	LAFN11867	(	) Bracket, Module Ec- H2o [T291]	1
4	897305	(	) Washer, Flat, M6x24, Ss, Uni6593	3
5	ABG000042	(	) Dampener, Vib, 9b 24d 14	3
6	VTVT00433	(	) Screw, Hex, M6x30, Ss, Uni5739	3
7	897106	(	) Washer, Flat, 11d 6b 1.6, Ss, Uni6592	3
8	VTDD01700	(	) Nut, M6 Inox+Zin.	3
9	9013646	(	) Cartridge, Ec- H2o Nanoclean Wcm, 270ml	1
10	1216973	(	) Pump Assy, Dispenser	1
11	1218192	(	) Fitting, Plstc, Str, Qf04/Qf04	1
12	9014147	(	) Hose, Afmkt, Pvc, 0.06id .25od, 05ft	1
13	1214972	(	) Fitting, Orifice, Str, Bm01/Bm01	1
14	1212855	(	) Fitting, Plstc, Tee, Qf04/Qf06/Qf06	1
15	1215186	(	) Fitting, Plstc, E90, Qf06/Qm06	1
16	1224323	(	) Fitting, Plstc, Tee, Qf06/Qf06/Qm06	1
17	1214339	(	) Fitting, Plstc, E90, Qfo4/Qm04	1
18	9014146	(	) Hose, Afmkt, Pvc, 0.06id .38od, 05ft	1
19	9014147	(	) Hose, Afmkt, Pvc, 0.06id .25od, 05ft	1
20	897129	(	) Washer, M6, Ss, Uni1751	7
21	897446	(	) Screw, M6x16	4
22	1039557	(	) Fitting, Plstc, Str, Bm04/Bm06	1
23	TBBP00476	(	) Tube	1
24	RCDS00167	(	) Connector, Tee, Sltn	1
25	9014148	(	) Hose, Afmkt, Nat, 0.25id 0.375od, 06ft	1
26	MECB02348	(	) Harness, Module, Ec- H20 [T291,T391]	1
26	MECB02348	(	) Harness, Module, Ec- H20 [T291,T391]	1

Ec- H2O NANOCLEAN PUMP GROUP

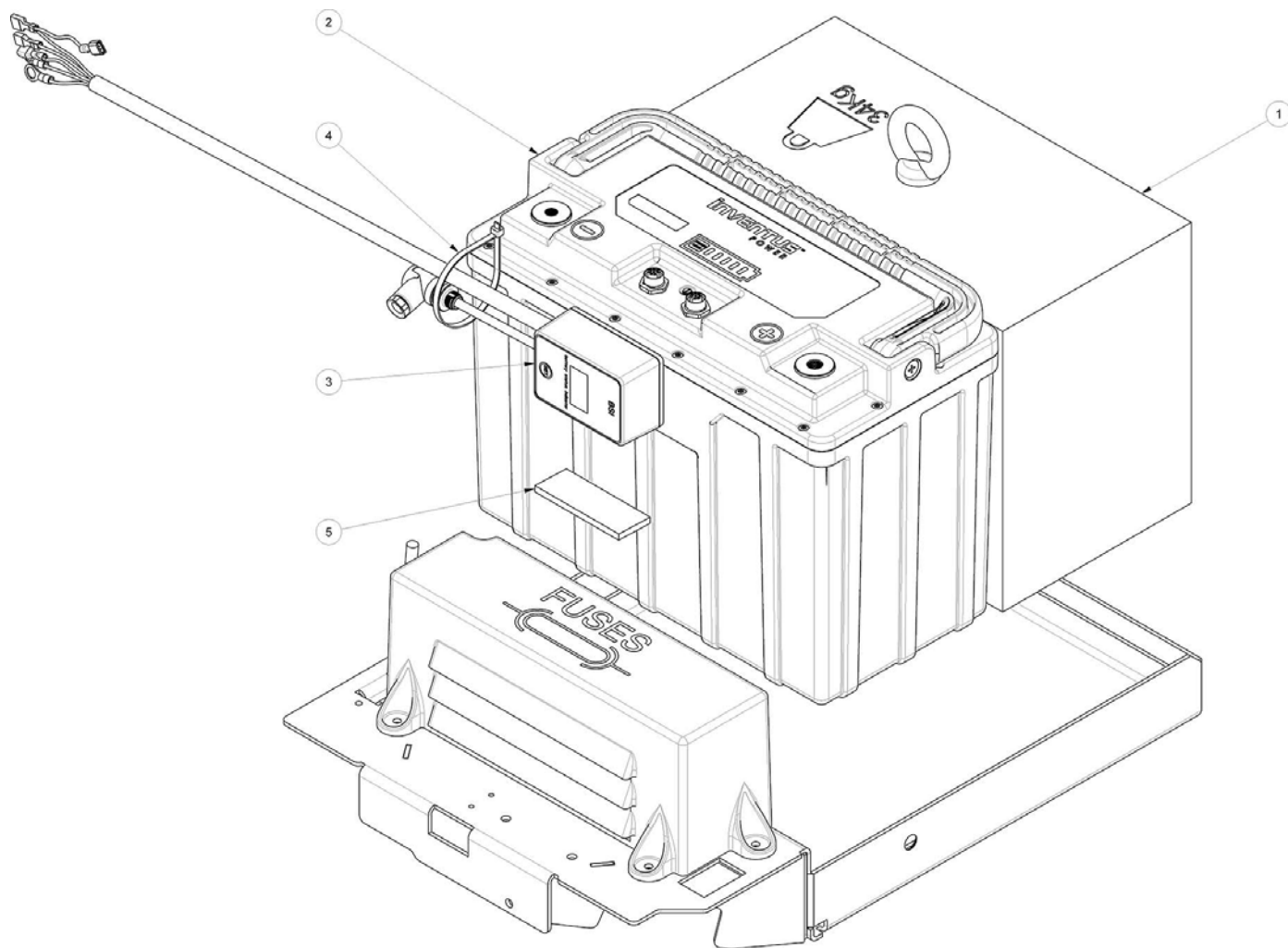


Ec- H2O NANOCLEAN PUMP GROUP

Ref.	Part No.	Mfr. Date	Description	Qty.
1	897359	(	) Screw, M4x16, Ss, Uni7687	2
2	897276	(	) Nut, Hex, M4	2
3	9018496	(	) Nut, Hex, Lock, M3, NI Din985	2
4	VTDD00147	(	) Nut, Hex, Std, M4, Ss, Uni5588	2
5	VTDD01700	(	) Nut, M6 Inox+Zin.	2
6	FSVR00083	(	) Clamp, 62- 82	1
7	1215186	(	) Fitting, Plstc, E90, Qf06/Qm06	3
8	1212812	(	) Fitting, Plstc, E90, Qf06/Pm06, Swivel	2
9	150307	(	) Fitting, Brs, Cplg, Pf02/Pf02	1
10	1216185	(	) Fitting, Plstc, Str, Qm04/Pm02	1
11	1212855	(	) Fitting, Plstc, Tee, Qf04/Qf06/Qf06	1
12	1212875	(	) Fitting, Plstc, Tee, Qf06/Qf08/Qf08	1
13	9021561	(	) Hose, Afmkt, Nat, 0.25id 0.375od, 01ft	1
14	9021561	(	) Hose, Afmkt, Nat, 0.25id 0.375od, 01ft	1
15	9021561	(	) Hose, Afmkt, Nat, 0.25id 0.375od, 01ft	1
16	1210517	(	) Pump, Soltn, Ele, 24vdc, 35 Psi	1
17	VTRS00385	(	) Washer, 7d 3.2b 0.5, Ss, Uni6592	4
18	897156	(	) Washer, 4d, Ss	4
19	897106	(	) Washer, Flat, 11d 6b 1.6, Ss, Uni6592	2
20	LAFN11864	(	) Bracket, Ech20	1
21	LAFN11865	(	) Bracket, Ech20	1
22	1044414	(	) Switch, Press, 15psi, Pm02	1
23	1215527	(	) Valve, Check, 1.0 Psi Qf06/Qf06	1
24	VTVT00765	(	) Bolt	2
25	897277	(	) Screw, Flt, Soc, M6x20, Uni5933	2
26	1212807	(	) Fitting, Plstc, Str, Qm08/Bm08	2

INVENTUS BATTERIES WITH BATTERY STATUS INDICATOR (BSI) - LITHIUM-ION BATTERIES

DBDB14892



Ref.	Part No.	Mfr. Date	Description	Qty.
1	MFVR00339	(	) Ballast	1
2	1253354	(	) Battery, Lithium, 24vdc, 90ah	1
3	MECE00989	(	) Board BSI CT51/CT71 INVENTUS	1
4	FSVR00049	(	) Tie, Cable, 4.5x200, Blk	1
5	GUG000009	(	) Bracket	1