

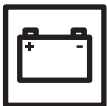
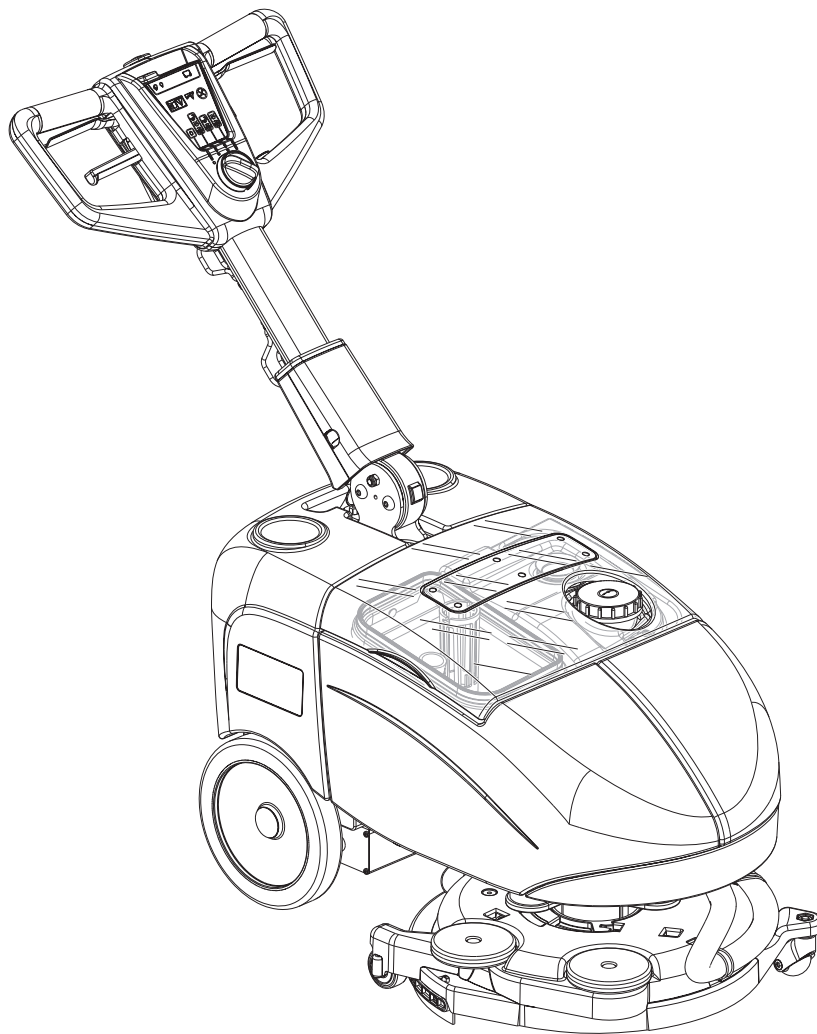
SC351 Li-ion

Parts list



05/2023 (A)

55942287



Models No.:
50000621,50000622

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WHEN ORDERING PARTS

- Use the part numbers from the “REF. NO.” columns in this parts list. If the “REF. NO.” column is blank; look under the “KIT” column to identify which kit contains the part in question, then use the kit callout, for example “K1”, to find the “REF. NO.” for that kit.
- Specify the model number and serial number of the machine.
- Use the space below to record the model number and serial number for future reference.

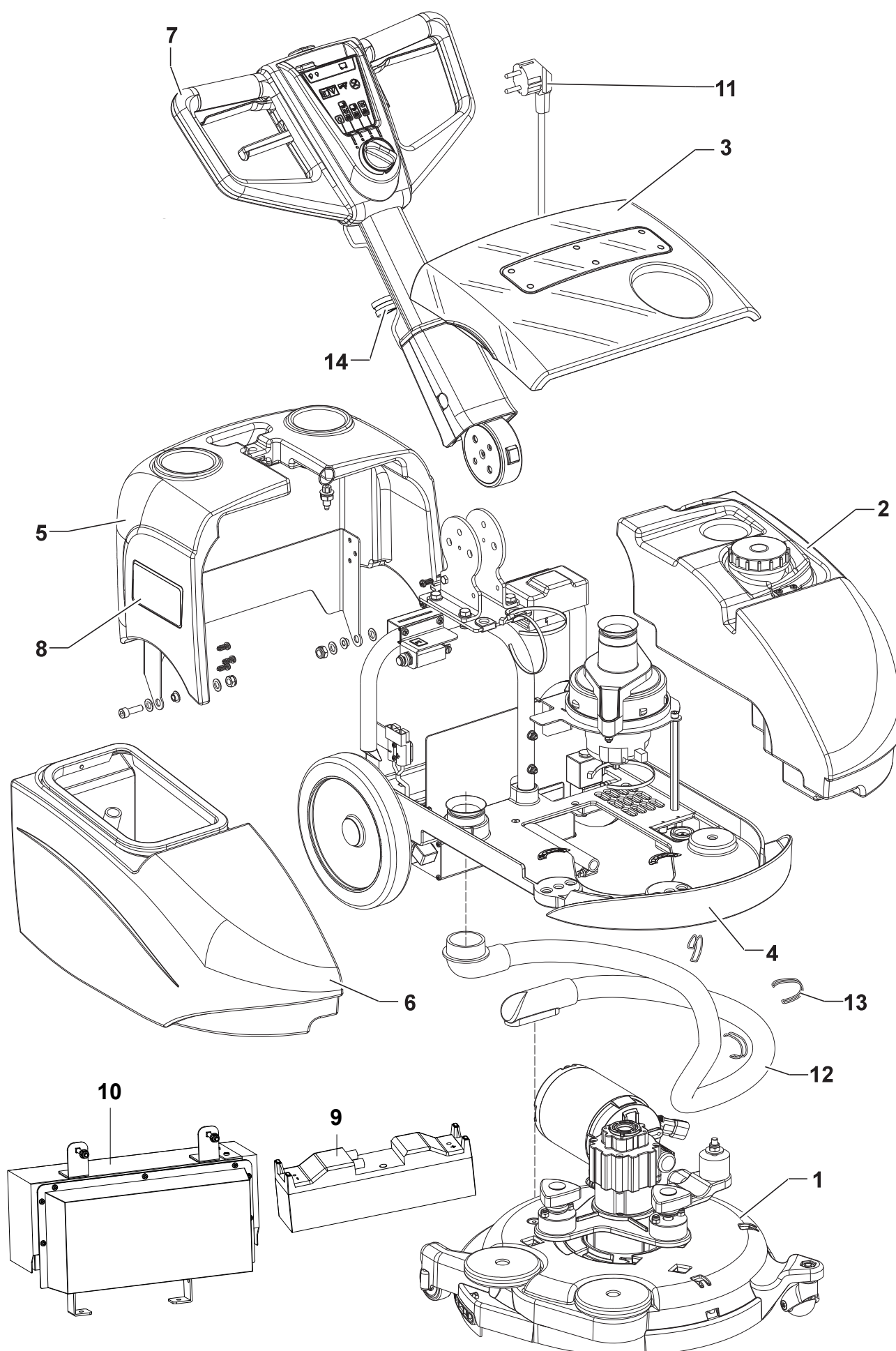
Model No.: Serial No.:

* = Optional

= Modified item No. or New item No.

[] = Not shown

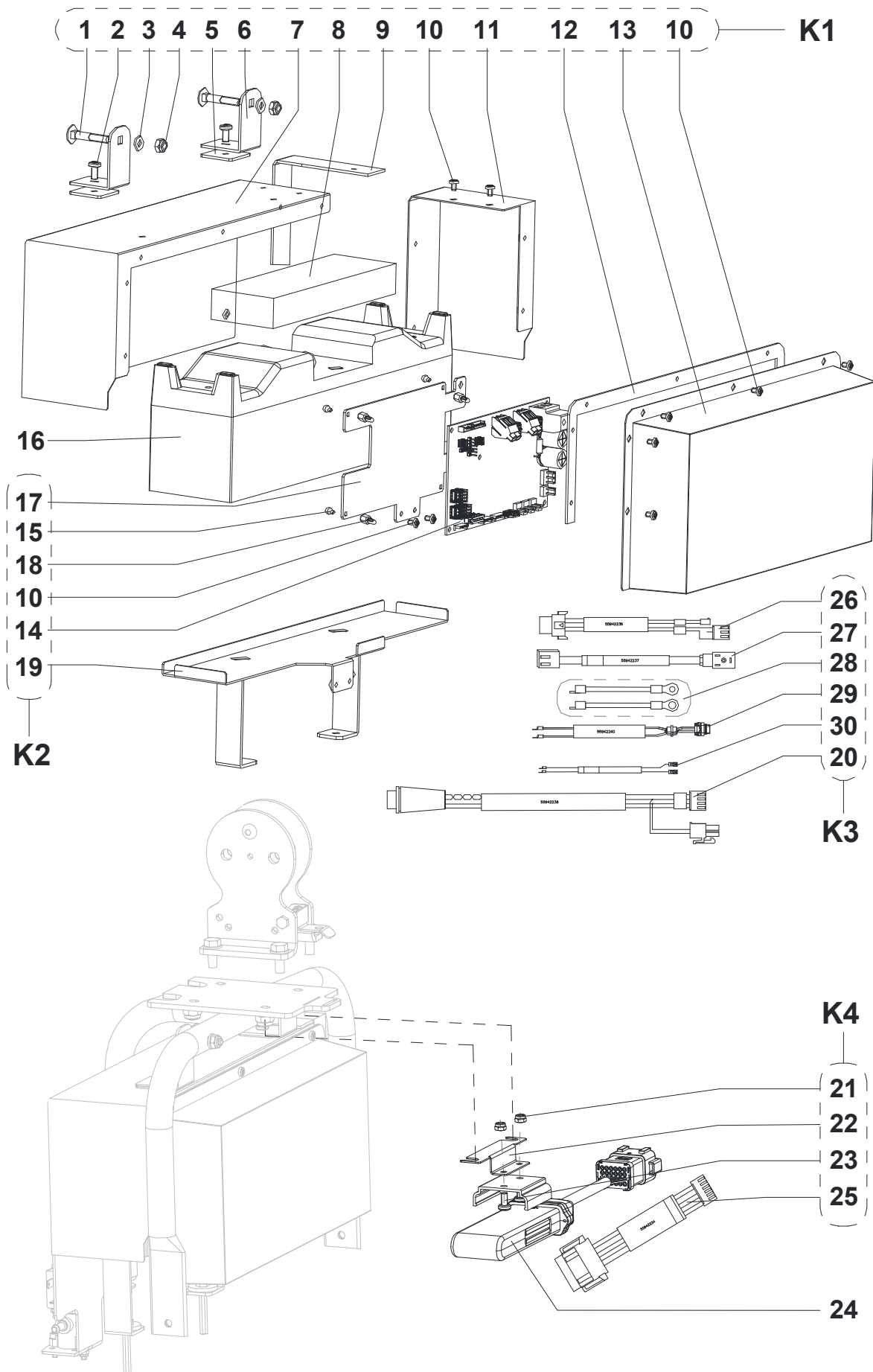
GENERAL VIEW



GENERAL VIEW

KIT	ITEM	REF. NO.	QTY	DESCRIPTION	NOTE
	1	-	1	BRUSH DECK	
	2	-	1	SOLUTION TANK	
	3	-	1	COVER TANK	
	4	-	1	FRAME	
	5	-	1	BATTERY COVER	
	6	-	1	RECOVERY TANK	
	7	-	1	HANDLE	
	8	55942261	2	DECAL NILFISK SC351 LI-ION	EU
	8	55942262	2	DECAL ADVANCE SC351 LI-ION	US
	9	55942284	1	BATTERY, 24V, LI-ION, 7S6P	
	10	-	1	BOX BATTERY COMPARTMENT LI-ION KIT	
	11	9100000787	1	CABLE EXTENSION EU PLUG L.2000MM SIP	
	11	9100000890	1	CABLE EXTENSION US PLUG L.2000MM SIP	
	11	1466318000	1	CABLE EXTENSION UK PLUG L.2000MM SIP	
	12	9099706000	1	VACUUM PIPE D.25	
	13	9100001733	1	TIE CABLE 2.5x200 BLACK 10 PCS SET	
	14	9099301000	1	HARDWARE GENERAL VIEW KIT	

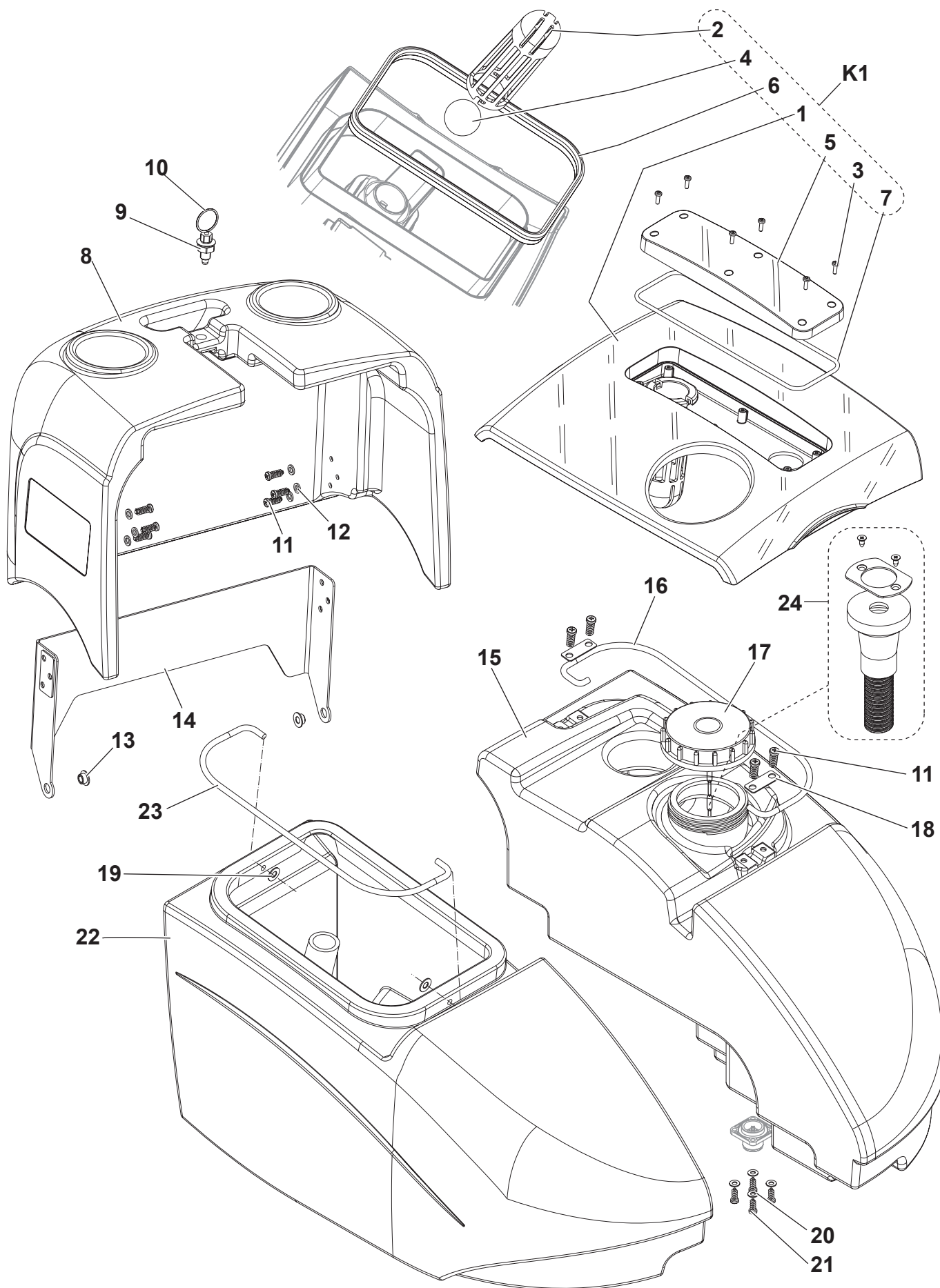
BATTERY COMPARTMENT VIEW



BATTERY COMPARTMENT VIEW

KIT	ITEM	REF. NO.	QTY	DESCRIPTION	NOTE
K1	1		2	SCREW M6X35 CARR.SQUARE NECK SS SSSFFISO	
K1	2		2	SCREW M5X10 PAN HD TORX SS ISO7045	
K1	3		2	WASHER PLAIN M6X12 SS ISO7086	
K1	4		2	NUT LOCK HEX M6 LOW SS ISO10511	
K1	5		2	SEALING PE	
K1	6		2	FIXING BRACKET COVER	
K1	7	55942274	1	COVER BATTERY	
K1	8	55942275	1	FIXING BATTERY PE	
K1	9		1	SEALING PE	
K1/K2	10	55942276	3	SCREW 4X6 PAN HD TORX SS ISO 14580 5PCS SET	
K1	11		1	COVER RIGHT BATTERY	
K1	12		1	SEALING PE	
K1	13		1	COVER MAIN MACHINE CONTROLLER	
K2	14		1	PCBA SC351 MAIN MACHINE CONTROLLER	
K2	15		4	SCREW M3X5 CAP HD HEX SOCK SS ISO4762	
	16	55942284	1	BATTERY, 24V, LI-ION, 7S6P, N18650CL-29	
K2	17		1	BRACKET MAIN MACHINE CONTROLLER	
K2	18		4	SUPPORT THD PLAST.F CONTROLLER	
K2	19		1	SUPPORT BATTERY	
K3	20		1	HARNESS BATTERY TO MMC 24V	
K4	21*		2	NUT LOCK HEX M4 LOW SS ISO10511	
K4	22*		1	BRACKET TC1	
K4	23*		2	SCREW 4X10 PAN HD TORX SS ISO 14580	
	24*	9100003246	1	TC-1 MODULE SIP	
K4	25*		1	HARNESS TC1 MODULE 24V	
K3	26		1	HARNESS CHARGER TO MMC 24V	
K3	27		1	HARNESS VALVE 24V	
K3	28		1	HARNESS BATTERY 24V	
K3	29		1	HARNESS BRUSH MOTOR 24V	
K3	30		1	HARNESS VAC MOTOR 24V	
	K1	55942264	1	COVER BATTERY COMPARTMENT UP KIT	
	K2	55942266	1	PCBA SC351 MAIN MACHINE CONTROLLER KIT	
	K3	55942272	1	HARNESS MAIN CONTROLLER KIT	
K4*	55942267		1	BRACKET TC1 KIT	INSTALLATION INSTRUCTION 55942519

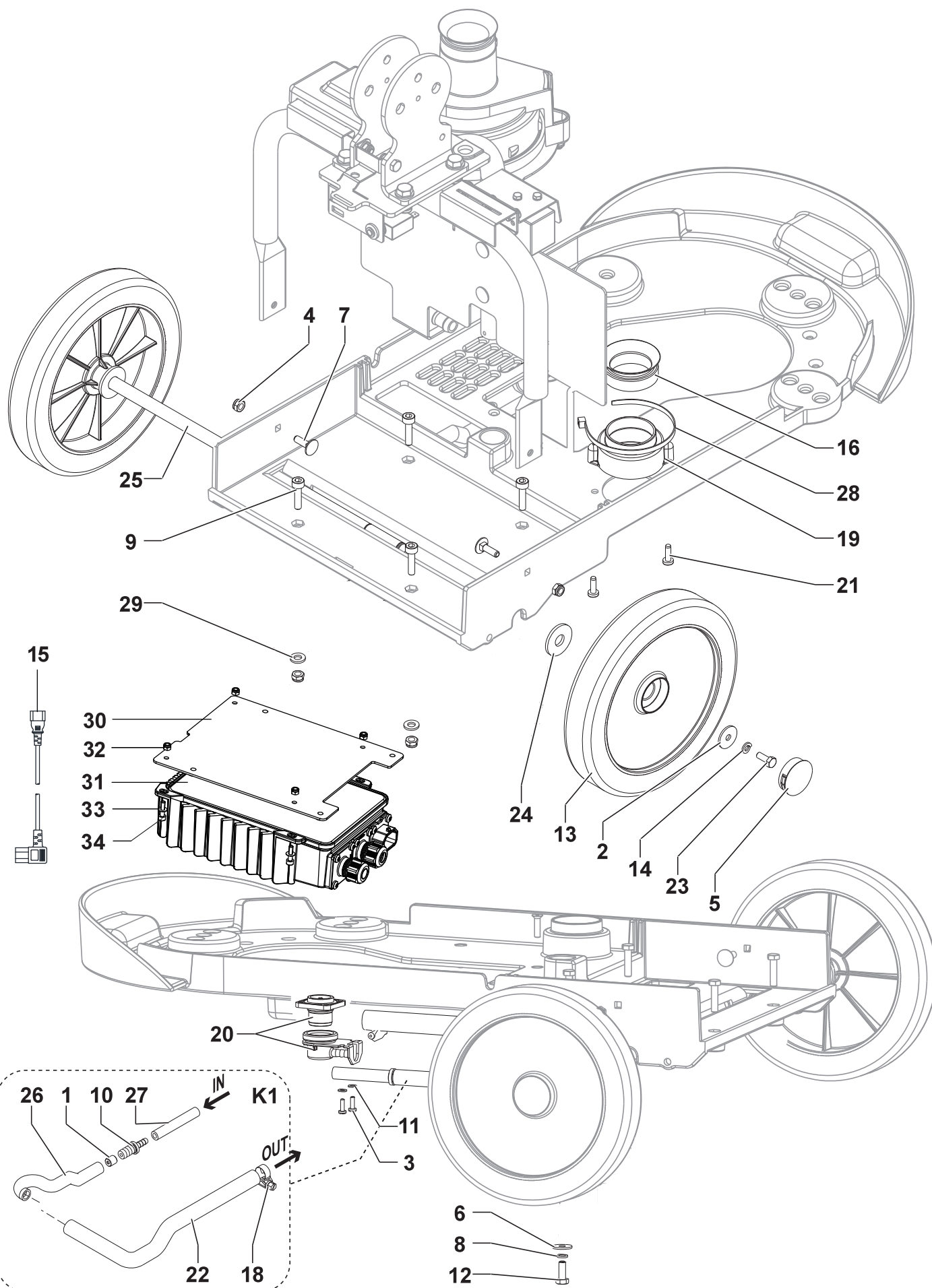
COVER AND TANKS



COVER AND TANKS

KIT	ITEM	REF. NO.	QTY	DESCRIPTION	NOTE
K1	1		1	COVER TANK	
K1	2	9100001371	1	CAGE FLOAT SIP	
K1-K2	3		6	SCREW 3.5X10 THD FORMING	
K1	4	L08092600	1	BALL FLOATING	
K1	5		1	CAP TANK COVER	
K1	6	9099127000	1	GASKET TANK COVER KIT	
K1	7		1	GASKET MOUSSE D.4MM	
	8	9098318000	1	BATTERY COVER	
	9	145 1147 000	1	WASHER 10,2X18,8X0,35	
	10	1466331000	1	PLUNGER INDEXING SIP	
K2	11		10	SCREW CYL HD 5X16 SELF L.	
K2	12		6	WASHER	
K2	13		2	BUSH	
	14	9098309000	1	SUPPORT BATTERY COVER	
	15	9098149000	1	TANK SOLUTION RAL 7001	
	16	9100000104	1	HANDLE DETERGENT TANK	
	17	9100001202	1	CAP THREADED 70X5 SIP	
	18	9098621000	2	PLATE HANDLE TANK	
	19	9098473000	2	COVER PIN	
K2	20		4	WASHER M4 UNI6592	
K2	21		4	SCREW 3.5X12	
	22	9098148000	1	TANK RECOVERY RAL 7001	
	23	9100000103	1	HANDLE RECOVERY TANK	
	24*	9099011000	1	HOSE FILLING KIT	
K1	9100002110		1	COVER TANK KIT	
[K2]	9098990000		1	HARDWARE COVER AND TANKS KIT	

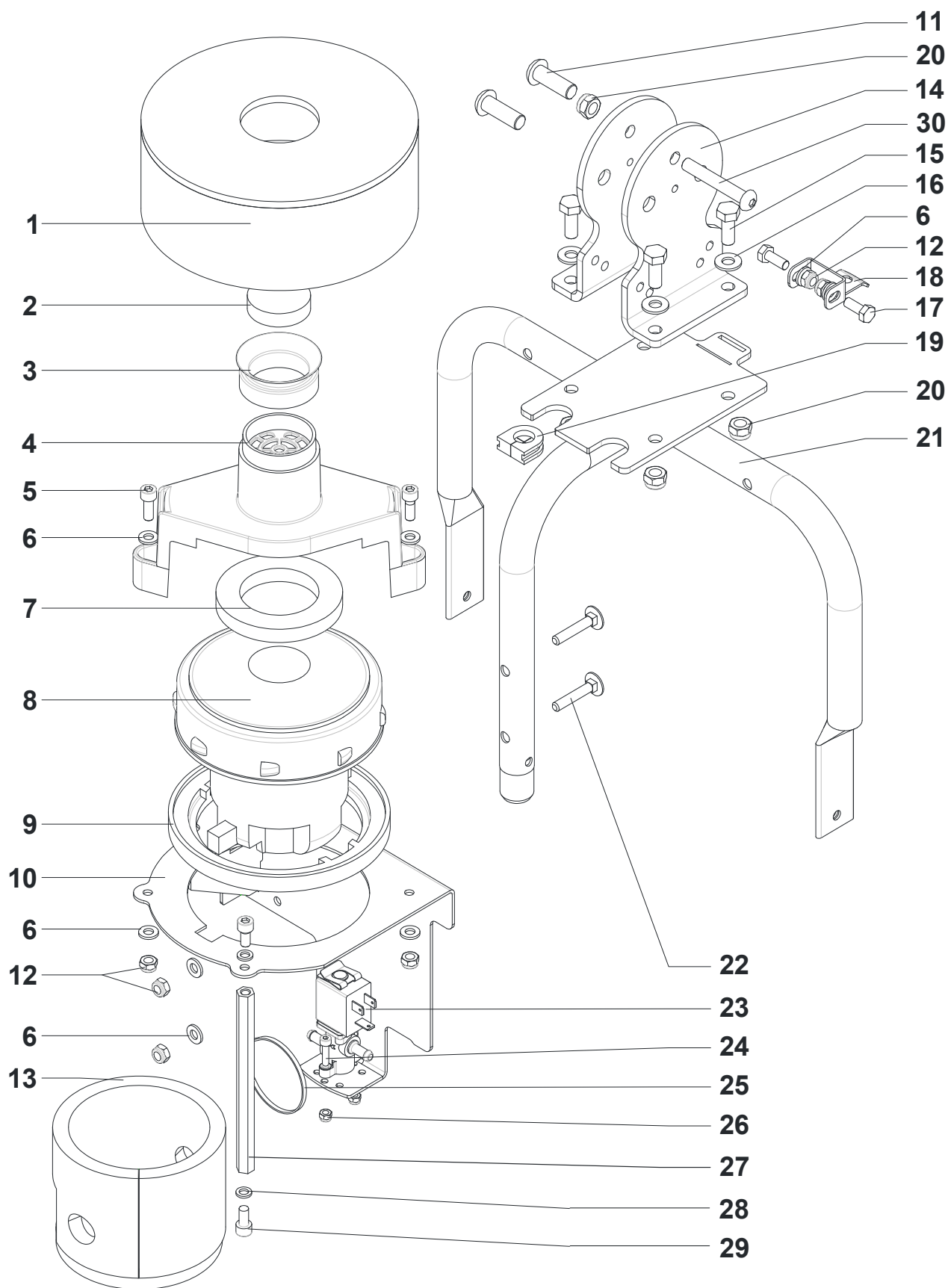
FRAME SYSTEM



FRAME SYSTEM

KIT	ITEM	REF. NO.	QTY	DESCRIPTION	NOTE
K1	1		1	REDUCTION WATER	
K2	2		2	WASHER FLAT XL 6.6X24.0X2.0	
K2	3		2	SCREW PAN PHIL THD FORM PU 3.9X9.5	
K2	4		3	NUT SELF L. M6 UNI7474 SS	
K2	5		2	PLUG BLACK CLICK d.38.1	
K2	6		2	WASHER 6X18 UNI6592	
K2	7		2	SCREW M6X20 UNI5731	
K2	8		3	WASHER	
K2	9		4	SCREW SOC. HD M5X30	
K1	10		1	FITTING	
K2	11		2	WASHER EXT. SHPRF Ø 4 SS	
K2	12		2	SCREW	
	13	9099732000	2	WHEEL Ø214	
K2	14		2	WASHER SPLIT LOCK d.6	
	15	55942270	1	POWER CORD 1M AC250V EU	
	15	55942271	1	POWER CORD 1M AC250V US	
	16	9100001958	1	GASKET SIP	
	17	146 3054 000	1	BELT BATTERY FIXING	
K1	18		1	CLAMP	
	19	9099719000	1	SUPPORT FOR GASKET	
	20	9100000514	1	VALVE WATER COMPLETE SIP	
K2	21		2	SCREW THREAD ROLLING 5x16	
K1	22		1	HOSE D.12 L=500 MM	
K2	23		2	SCREW HEX THD TO HD M6x16	
K2	24		2	WASHER 12.5X34X3 NYLON	
	25	9099352000	1	PIN WHEEL	
K1	26		1	HOSE D. 12	
K1	27		1	PIPE 6X11	
K2	28		1	CLAMP 290X4.8	
K2	29		4	WASHER FLAT XL 5.5X15.0X1.6 SS	
K3	30		1	BRACKET FOR CHARGER	
	31	55942244	1	CHARGER RQ350 24V	
K3	32		4	NUT LOCK HEX M4 LOW SS ISO10511	
K3	33		4	WASHER PLAIN M4X9 SS ISO7089	
K3	34		4	SCREW M4X16 CAP HD HEX SOCK SS ISO4762	
	K1	9098992000	1	HOSES KIT	
	K1	9100000476	1	HOSES SOLENOID VALVE 12V KIT	
	[K2]	9100000083	1	HARDWARE FRAME KIT	
	K3	55942268	1	BRACKET FOR CHARGER KIT	

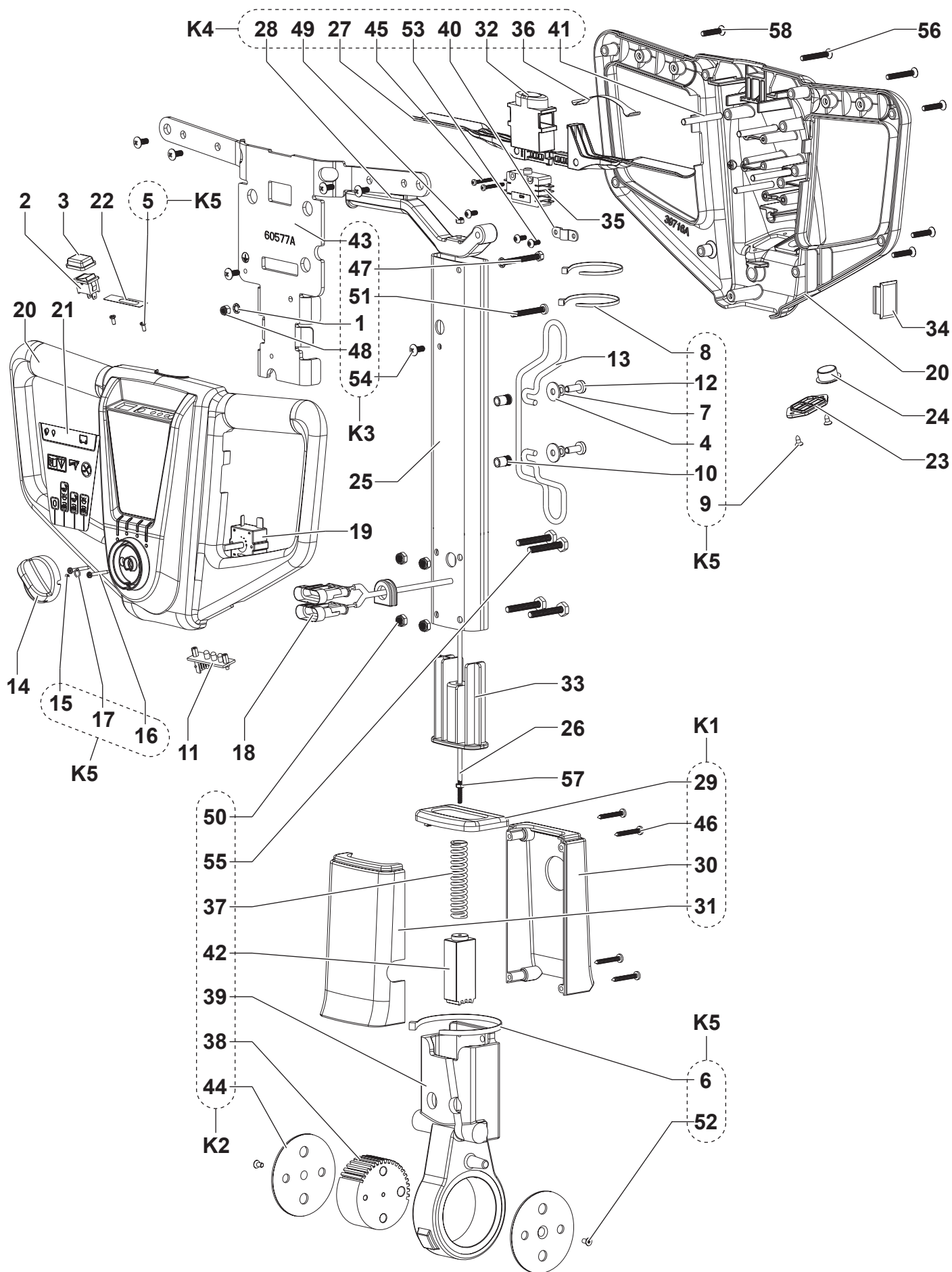
HANDLE SUPPORT SYSTEM



HANDLE SUPPORT SYSTEM

KIT	ITEM	REF. NO.	QTY	DESCRIPTION	NOTE
	1	9098656000	1	CASING VACUUM MOTOR	
	2	9100001278	1	FILTER VACUUM MOTOR SIP	
	3	9100001958	1	GASKET SIP	
	4	9098483000	1	COVER VACUUM MOTOR	
K1	5		2	SCREW SOC. HD M6X16	
K1	6		8	WASHER M6 UNI6592 SS	
	7	9098327000	1	GASKET VACUUM MOTOR	
	8	55942281	1	VACUUM MOTOR 24V	
	9	9098554000	1	GASKET VACUUM MOTOR	
	10	55942269	1	SUPPORT VACUUM MOTOR	
K1	11		2	SCREW BUTTON SOC M 10X25 SS	
K1	12		6	NUT SELF L. M6 UNI7474 SS	
	13	9098925000	1	CASING LOWER VACUUM MOTOR	
	14	9098185000	2	BRACKET HANDLE	
K1	15		4	SCREW M8X20 UNI5739 SS	
K1	16		4	WASHER M8 UNI6592 SS	
K1	17		2	SCREW HEX THD TO HD M6x16 SS	
	18	9098482000	1	BRACKET PLUNGER BLOCK	
K1	19		1	GROMMET	
K1	20		5	NUT SELFLOCKING LOW M8 UN	
	21	55942285	1	SUPPORT HANDLE	
K1	22		2	SCREW CARRIAGE M6x35	
	23	9098112000	1	SOLENOID VALVE 12V	
	23	9100000475	1	SOLENOID VALVE 12V SIP	
K1	24		2	SCREW M4X16 UNI5931 SS	
K1	25		4	CLAMP	
K1	26		2	NUT SELF L. M4 UNI7474 SS	
	27	9098559000	1	SPACER SUPPORT VACUUM MOTOR	
K1	28		3	WASHER EXT. SHPRF Ø 6 SS	
K1	29		2	SCREW M6X12 UNI5931 SS	
K1	30		1	SCREW BUTTON SOC M8X55	
	[0]	L08603885	1	CONNECTOR TYPE DIN 46340	
	[K1]	9100000084	1	HARDWARE HANDLE BAR SUPP. KIT	

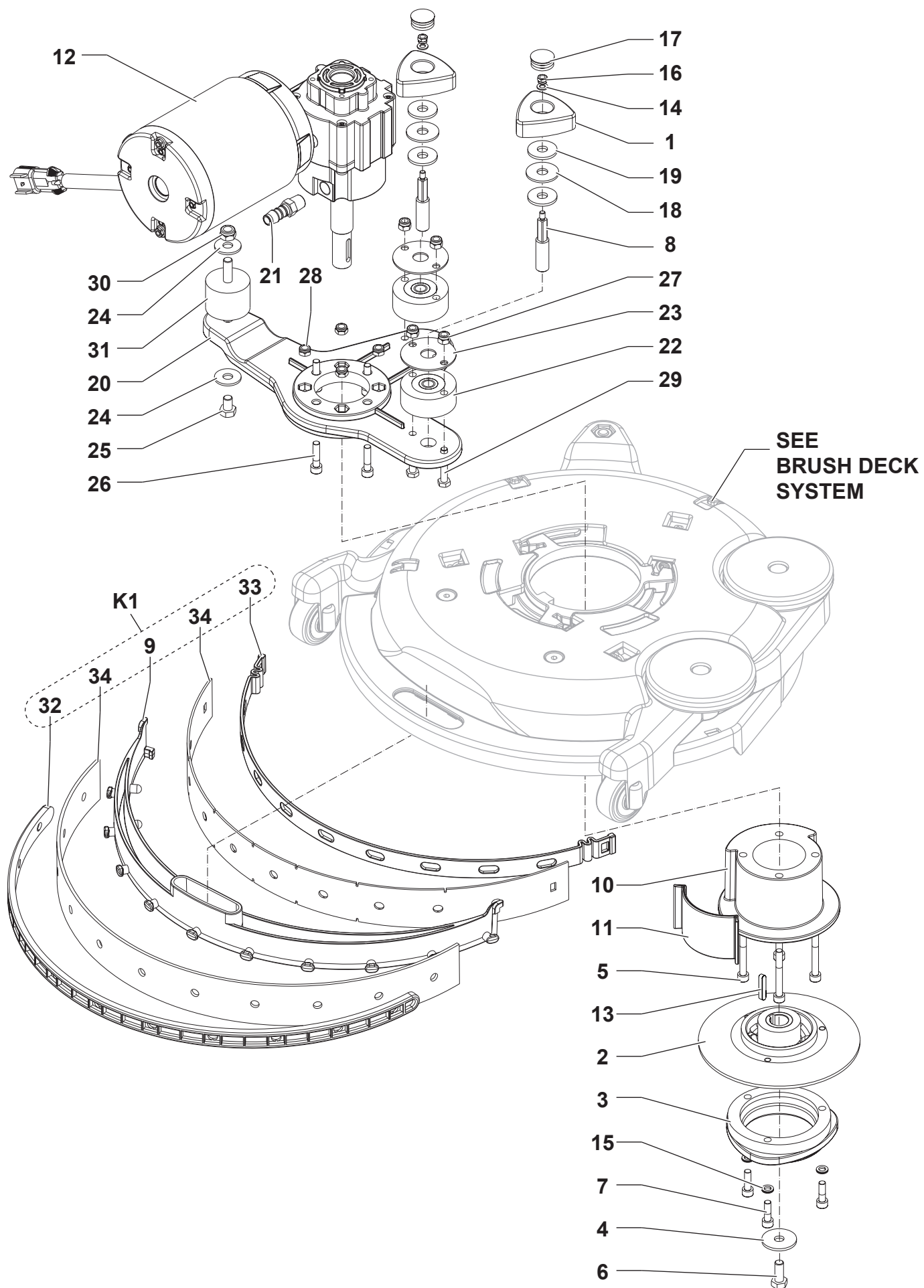
HANDLE SYSTEM



HANDLE SYSTEM

KIT	ITEM	REF. NO.	QTY	DESCRIPTION	NOTE
K3	1		3	WASHER	
	2	L08603153	1	SWITCH PUMP	
	3	L08603154	1	CAP PROTECTION	
K5	4		2	WASHER 6X18X1.5 UNI6593	
K5	5		2	SCREW M3X8 UNI7688	
K5	6		1	CLAMP 290X4.8	
K5	7		2	WASHER	
K5	8		2	CLAMP	
K5	9		2	SCREW 3.9X9.5 UNI6955	
K5	10		2	INSERT M6X15 UNI9203	
	11	146 3073 000	1	BOARD. LED	
K5	12		2	SCREW M6X16 UNI7687 SS	
	13	1466317000	1	SUPPORT CABLE KIT	
	14	9097283000	1	KNOB CONTROL FUNCTIONS	
K5	15		1	SCREW GRUB M3X3 DIN916	
K5	16		2	SCREW 2.9X25 UNI6954 THD	
K5	17		1	SEAL O-RING	
	18	55942273	1	HARNESS HANDLE 24V	
	19	9099332000	1	SWITCH ROTATIVE 4 POSITIONS	
	20	9100000101	1	COVERS HANDLE GREY KIT	
	21	9099733000	1	DECAL CONTROL PANEL	
	22	9098616000	1	DECAL BATTERY LED	
	23	9098812000	1	CAP FOR HANDLE	
	24	9098813000	1	CAP D.18.5/D.40MM BLACK	
	25	9098835000	1	TUBE HANDLE	
	26	9098836000	1	ROD INDEX	
K4	27		2	LEVER SWITCH	
K4	28		1	LEVER	
K1	29		1	CAP RUBBER	
K1	30		1	COVER REAR	
K1	31		1	COVER FRONT	
K4	32		1	BUTTON INTERLOCK	
	33	VF47033	1	RETAINER	
	34	VF54041	1	HANDLE PLUG	
	35	40263A	1	SWITCH DPDT	
K4	36		1	SPRING INTERLOCK BUTTON	
K2	37		1	SPRING COMPRESSION	
K2	38		1	GEAR	
K2	39		1	HOUSING GEAR INDEX	
K4	40		1	CLAMP CORD	
K4	41		4	PIN HANDLE SUPPORT	
K2	42		1	GEAR INDEX	
K3	43		1	HANDLE SUPPORT	
K2	44		2	PLATE, GEAR HOUSING	
K4	45		2	SCREW M3X25	
K1	46		4	SCREW ST4.2-1.4	
K3	47		1	SCREW M5X43	
K3	48		1	NUT LOCK M5 SS HEX	
K4	49		1	NUT LOCK M4 SS HEX	
K2	50		4	NUT LOCK M6 SS HEX	
K3	51		1	SCREW M5X40 SS PAN HEAD PHILLIPS	
K5	52		2	SCREW M4X8 UNI7688	
K4	53		3	SCREW M4X10 SS PAN HEAD PHILLIPS	
K3	54		6	SCREW M5X12 TRUSS HEAD PHILLIPS	
K2	55		4	SCREW M6X40 SS HEX HEAD	
	56	80398A	2	SCREW M5x35 SS HEAD PHILLIPS	
	57	VV13609	1	NUT LOCK M6 SS HEX	
	58	80407A	4	SCREW M5X25 SS FLAT HEAD PHILLIPS	
K1	11271A		1	LOWER COVER KIT	
K2	11272A		1	BOX HOUSING GEARS KIT	
K3	11273A		1	HANDLE SUPPORT KIT	
K4	11274A		1	HANDLE SWITCH LEVER KIT	
K5	9098995000		1	HARDWARE HANDLE BAR KIT	

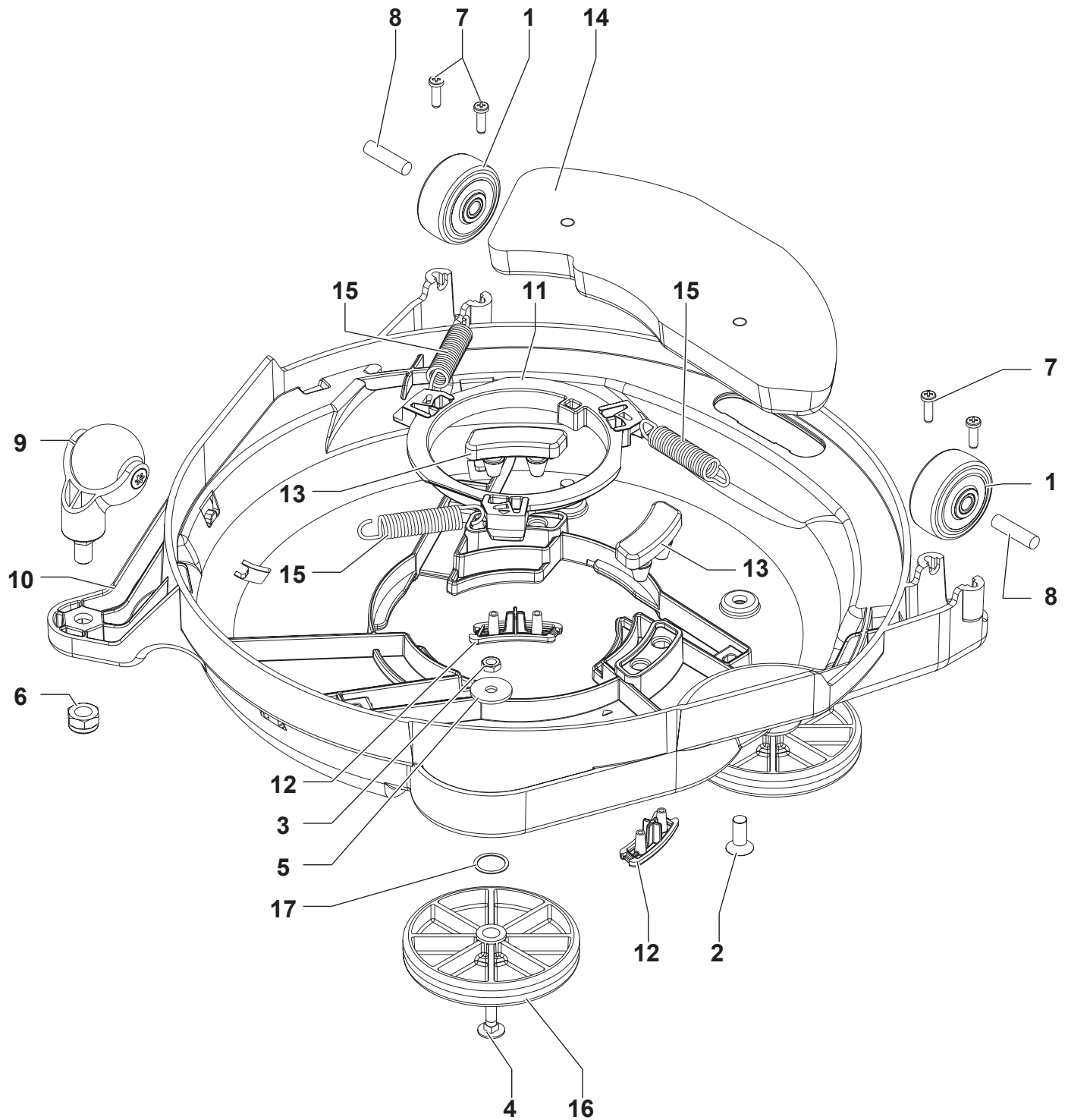
MOTOR AND DECK SYSTEM



MOTOR AND DECK SYSTEM

KIT	ITEM	REF. NO.	QTY	DESCRIPTION	NOTE
	1	L08812203	2	KNOB	
	2	L08812306	1	HUB BRUSH R.GEARMOTOR RIGHT	
	3	L08812480	1	HUB BRUSH	
K2	4		1	SCREW HEX THD TO HD M8x20 SS	
K2	5		4	SCREW SOC. HD M6X50	
K2	6		1	WASHER FLAT XL 9.0X32.0X2.5 SS	
K2	7		3	SCREW SOC. HD M6x20 SS	
	8	9098557000	2	PIN BRUSH PLATE FIXING	
K1	9		1	SQUEEGEE	
	10	9100000955	1	FLANGE DECK KIT	
	11	9099736000	1	SPACER LIMIT	
	12	55942283	1	BRUSH MOTOR 24V	
	13	1466146000	1	KEY 5X 5X25 SIP	
K2	14		2	WASHER FLAT 5.3x10x1 SS	
K2	15		3	WASHER NORD LOCK M6	
K2	16		2	NUT HEX NYL LOC THIN M5 SS	
	17	L08812426	2	CAP	
K2	18		2	WASHER FLAT XL 10X30X2 - RUBBER	
K2	19		4	WASHER FLAT 9,5X27X2.5	
	20	9099718000	1	SUPPORT DECK	
	21	L08601624	1	HOLDER RUBBER 1/4 D.10	
	21	9100000478	1	HOLDER RUBBER STRAIGHT 1/4 D.6 SIP	
	22	L08812213	2	SHOCK ABSORBER	
	23	L08812779	2	PLATE VIBRATION DAMPING	
K2	24		2	ROND GREMB 8X24	
K2	25		1	SCREW HEX THD TO HD M8x12	
K2	26		4	SCREW SOC. HD M6X25 SS	
K2	27		4	NUT HEX NYL LOC HVY M6	
K2	28		4	NUT HEX NYL LOC THIN M6	
K2	29		4	SCREW HEX THD TO HD M6x35 SS	
K2	30		1	NUT HEX NYL LOC THIN M8 SS	
	31	9100000868	1	VIBRATION DAMPING M8 60SH 2 PCS SET	
K1	32	9099707000	1	REAR STRAP ELASTIC	
K1	33	9099708000	1	RUBBER BLADE RETAINER	
K1	34	9100000077	1	BLADES SQUEEGEE 370MM 14.5 PU KIT	
	34*	9100000302	1	BLADES SQUEEGEE 370MM 14.5 RED GUM KIT	
	K1	9100000085	1	SQUEEGEE COMPLETE PU 370MM/14	
	[K2]	9100000086	1	HARDWARE MOTOR AND DECK KIT	

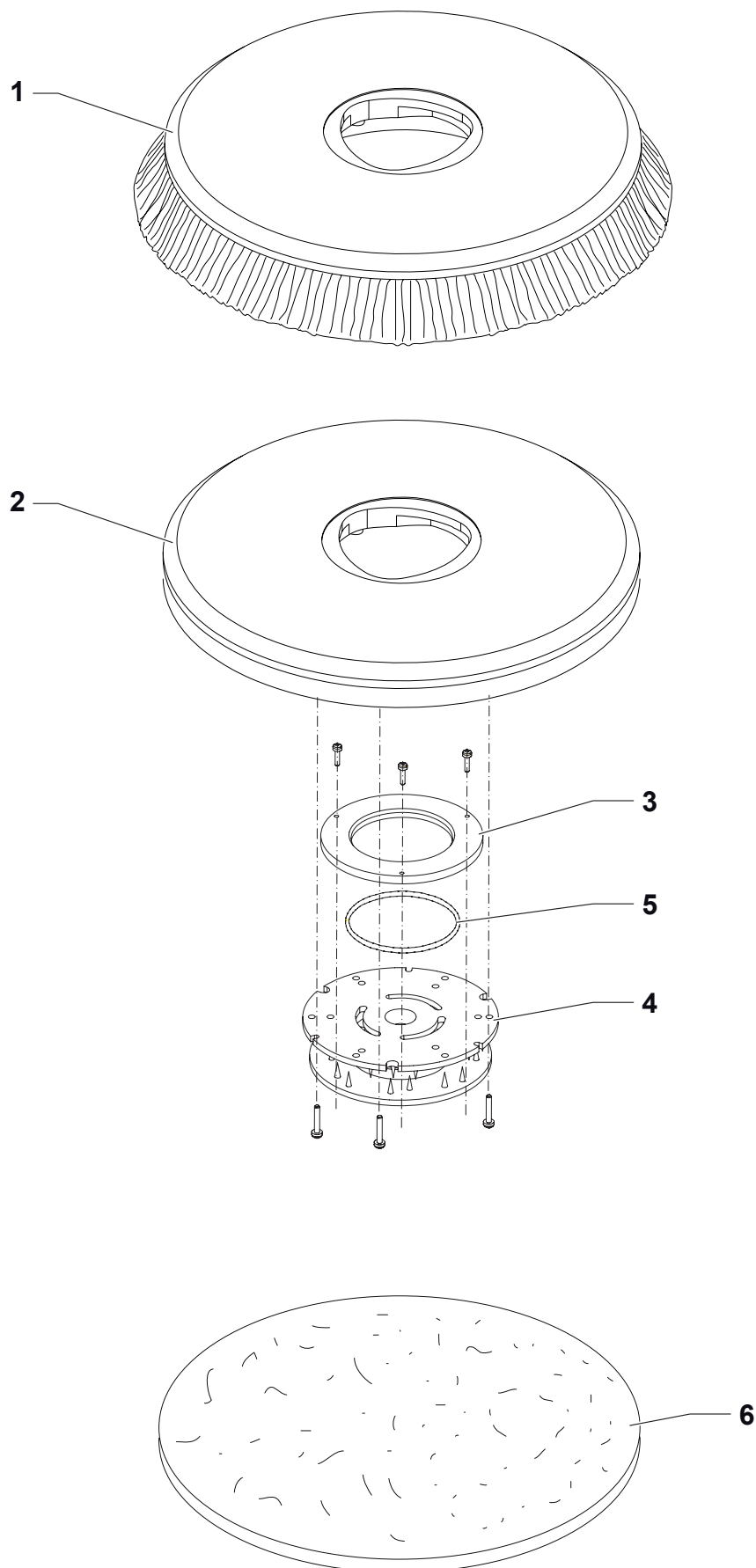
BRUSH DECK SYSTEM



BRUSH DECK SYSTEM

KIT	ITEM	REF. NO.	QTY	DESCRIPTION	NOTE
	1	9100000559	2	WHEEL D.51 GREY SIP	
K2	2		2	SCREW FLAT SOCKET HEAD M8X20.0	
K2	3		2	NUT HEX THIN M6	
K2	4		2	SCREW CARRIAGE M6x25	
K2	5		2	WASHER FLAT XL 6.6X24.0X2.0	
K2	6		1	NUT HEX NYL LOC THIN M10	
K2	7		4	THREAD ROLLING SCR 5x16	
K2	8		2	PIN D.8	
	9	9099163000	1	CASTOR WHEEL ø42	
	10	9099712000	1	COVER BRUSH DECK	
	11	9099713000	1	FLANGE CENTRAL	
K1	12		2	CLUTCH SUPPORT	
K1	13		2	CLUTCH	
	14	9100002162	1	COUNTERWEIGHT SIP	
	15	9099720000	3	SPRING TRACTION	
	16	9100001816	1	WHEEL BUMPER D.100 PLASTIC 2 PCS SET	
K2	17		2	WASHER 15	
K1		9100000087	1	CLUTCH KIT	
K2		9100000088	1	HARDWARE BRUSH DECK KIT	

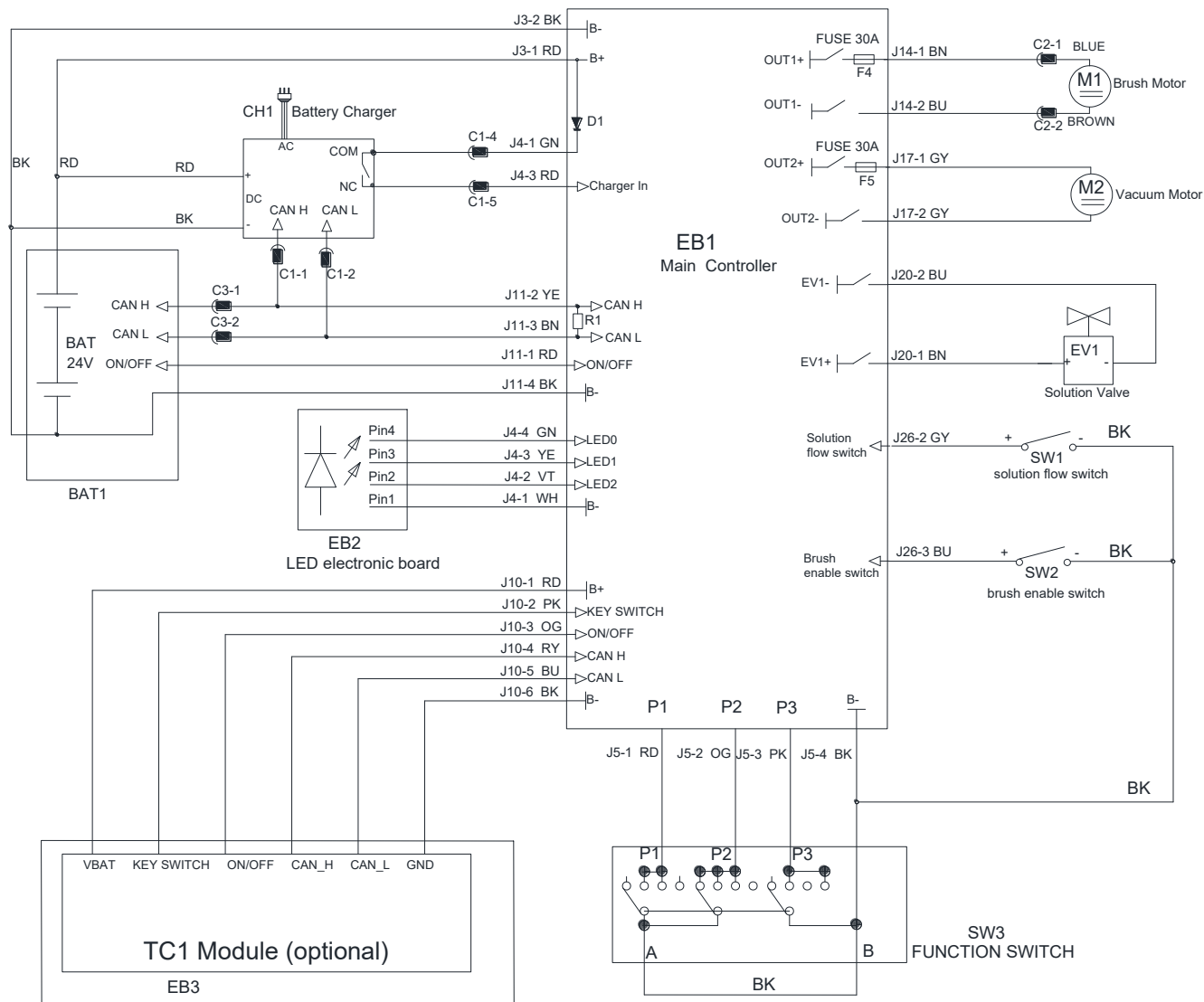
BRUSHES



BRUSHES

KIT	ITEM	REF. NO.	QTY	DESCRIPTION	NOTE
	1	9099999000	1	BRUSH D.370MM 14" PROLENE PPL	
	1*	9100000001	1	BRUSH D.370MM 14" PROLITE PPL	
	1*	9100000000	1	BRUSH D.370MM 14" UNION MIX	
	1*	9100000002	1	BRUSH D.370MM 14" MID GRIT 240	
	1*	9100000003	1	BRUSH D.370MM 14" MIDLITE GRIT 180	
	2*	9099672000	1	PAD HOLDER FLAT 14 355MM	
	3	L08603966	1	RING NYLON	
	4	56505195	1	RETAINER PAD	
	5	L08603965	1	SEAL O-RING	
	6*	10001918	1	PAD 14 355MM BROWN 5 PCS	
	6*	10001920	1	PAD 14 355MM RED 5 PCS	
	6*	10001921	1	PAD 14 355MM WHITE 5 PCS	
	6*	10001919	1	PAD 14 355MM GREEN 5 PCS	

WIRING DIAGRAM



WIRING DIAGRAM

KEY	REF. NO.	DESCRIPTION	NOTE
BAT1	55942284	BATTERY, 24V, LI-ION, 7S6P	
CH1	55942244	CHARGER RQ350 24V	
D1	-	DIODE	
EB1	-	PCBA SC351 MAIN MACHINE CONTROLLER	
EB2	146 3073 000	BATTERY LEVEL BOARD	
EV1	9100000475	SOLENOID VALVE 12V SIP	
F5	-	VACUUM MOTOR FUSE (30A)	
F4	-	BRUSH MOTOR FUSE (30A)	
M1	55942283	BRUSH MOTOR 24V	
M2	55942281	VACUUM MOTOR 24V	
R1	-	RESISTOR	
SW3	9099332000	ROTATIVE SWITCH	
SW2	40263A	SWITCH BRUSH MOTOR-SOLENOID VALVE	
SW1	L08603153	DETERGENT SWITCH	

KEY	COLOUR
BK	BLACK
BU	LIGHT BLUE
BN	BROWN
GN	GREEN
GY	GREY
OG	ORANGE

KEY	COLOUR
PK	PINK
RD	RED
VT	VIOLET
WH	WHITE
YE	YELLOW

RECOMMENDED SPARE PARTS

REF. NO.	QTY	DESCRIPTION	NOTE
NORMAL WEAR			
9100000077	1	BLADES SQUEEGEE 370MM 14.5 PU KIT	
9100000302	1	BLADES SQUEEGEE 370MM 14.5 RED GUM KIT	
9099999000	1	BRUSH D.370MM 14" PROLENE PPL	
ORDINARY MAINTENANCE			
9099707000	1	REAR STRAP ELASTIC	
9099708000	1	RUBBER BLADE RETAINER	
9099127000	1	GASKET TANK COVER KIT	
9100001958	2	GASKET SIP	
55942281	1	VACUUM MOTOR 24V	
9098327000	1	GASKET VACUUM MOTOR	
55942283	1	BRUSH MOTOR 24V	
L08812480	1	HUB BRUSH	
9099706000	1	VACUUM PIPE D.25	
9100000559	2	WHEEL D.51 GREY SIP	
9099163000	1	CASTOR WHEEL Ø42	
9100000087	1	CLUTCH KIT	
9100000085	1	SQUEEGEE COMPLETE PU 370MM/14	
EXTRA-ORDINARY MAINTENANCE			
55942284	1	BATTERY, 24V, LI-ION, 7S6P	
9099712000	1	COVER BRUSH DECK	
9100001816	1	WHEEL BUMPER D.100 PLASTIC 2 PCS SET	
9099732000	2	WHEEL Ø214	
55942244	1	CHARGER RQ350 24V	
9100000514	1	VALVE WATER COMPLETE SIP	
9098992000	1	HOSES KIT	
9100000476	1	COVER BRUSH DECK	
55942266	1	PCBA SC351 MAIN MACHINE CONTROLLER KIT	
55942272	1	HARNESS MAIN CONTROLLER KIT	
9098112000	1	SOLENOID VALVE 12V	
9100000475	1	SOLENOID VALVE 12V SIP	
9098375000	1	TIMER CYCLICAL	
9099332000	1	SWITCH ROTATIVE 4 POSITIONS	
40263A	1	SWITCH DPDT	
L08603153	1	SWITCH PUMP	

OPTIONALS AND ACCESSORIES

REF. NO.	QTY	DESCRIPTION	NOTE
9099011000	1	HOSE FILLING KIT	
9100000001	1	BRUSH D.370MM 14" PROLITE PPL	
9100000000	1	BRUSH D.370MM 14" UNION MIX	
9100000002	1	BRUSH D.370MM 14" MID GRIT 240	
9100000003	1	BRUSH D.370MM 14" MIDLITE GRIT 180	
9099672000	1	PAD HOLDER GRIP 14"	
10001918	1	PAD 14 355MM BROWN 5 PCS	
10001920	1	PAD 14 355MM RED 5 PCS	
10001921	1	PAD 14 355MM WHITE 5 PCS	
10001919	1	PAD 14 355MM GREEN 5 PCS	
9100000302	1	BLADES RED GUM 370MM/14" KIT	
55942267	1	BRACKET TC1 KIT	
9100003246	1	TC-1 MODULE SIP	



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