PARTS LIST

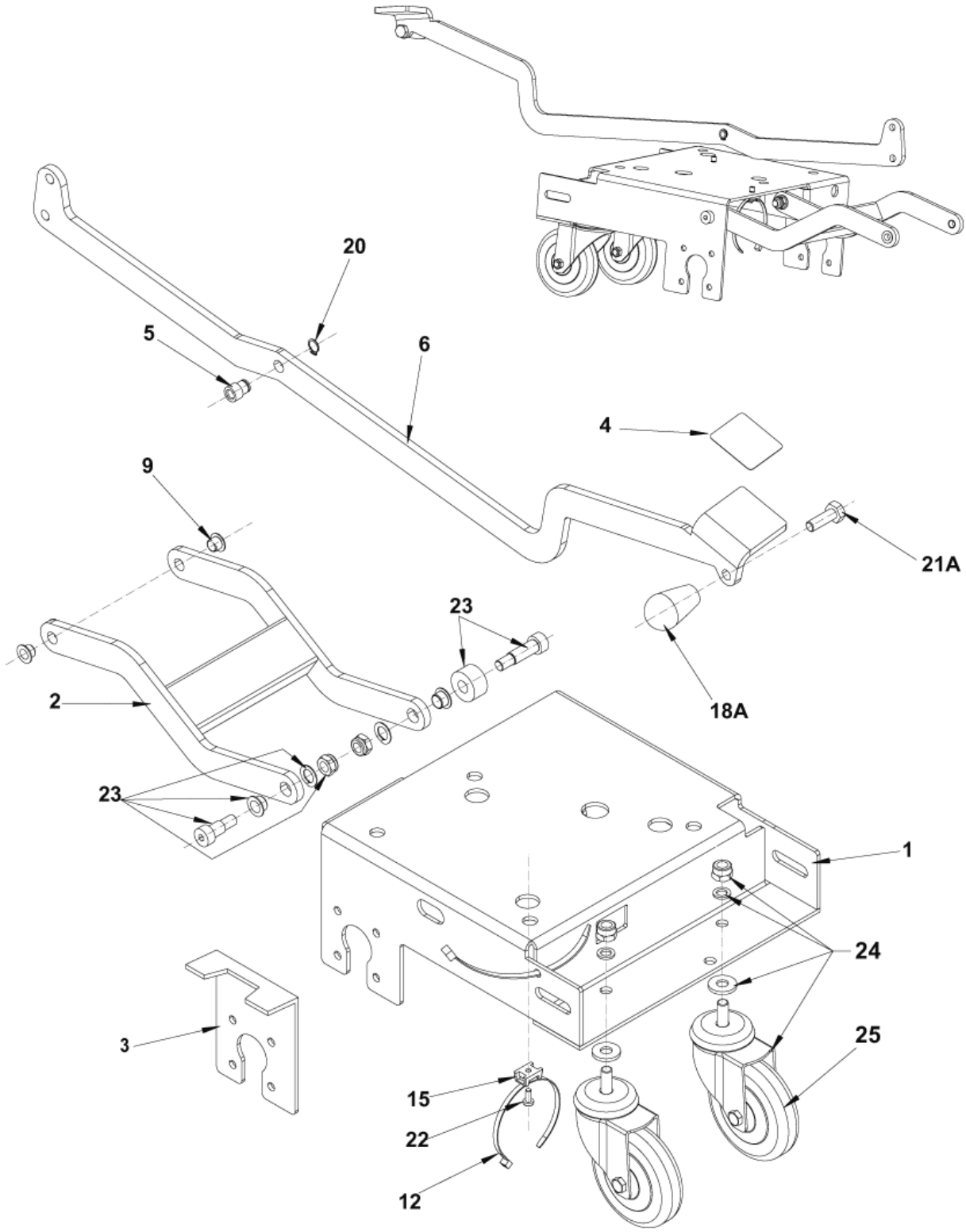
2022.02.21

www.nilfisk.com

Nilfisk

TABLE OF CONTENTS

Chassis system . . . 1
Wheels and traction . . . 3
Handle assembly - BA 451 D - 531 D . . . 5
Solution system . . . 7
Squeegee system . . . 9
Brush system - BA 451 - BA 531 . . . 11
Brush system - BA 451 D - BA 531 D . . . 13
Accessories brushes . . . 15
Control panel system - BA 451 - 531 . . . 17
Control panel system - BA 451 D - 531 D . . . 19
Electrical components - BA 451 - 531 . . . 21
Electrical components - BA 451 D - 531 D . . . 23
Accessories Extra pressure-Splash guards . . . 25
Recovery tank . . . 27
Solution tank . . . 29
Accessories Battery Charger . . . 31
Accessories Ecoflex system . . . 33
Wiring diagram - BA 451 - 531 . . . 35
Wiring diagram - BA 451 D - 531 D . . . 37
Wiring diagram - BA 451 D - 531 D REV.C . . . 39
Recommended spare parts 1 . . . 41
Recommended spare parts 2 . . . 43
Optionals . . . 45



Resource notes:

A: ONLY FOR BA 451 D / BA 531 D B: ONLY FOR BA 451 / BA 531

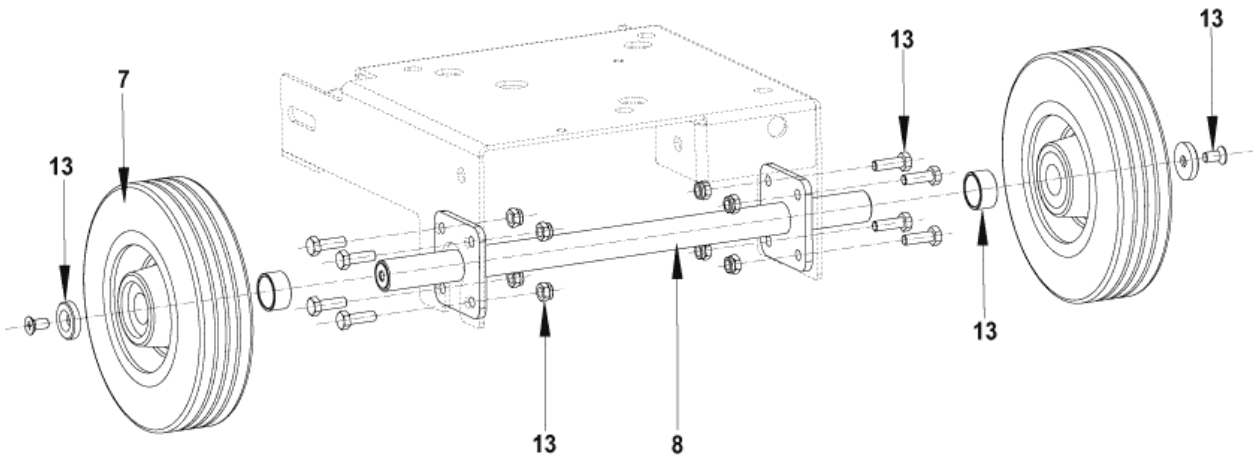
Pos.	Artikelnr	Antal	Beskrivning	Notes
1	909 6482 000	1	CHASSIS	[1]
2	909 6486 000	1	LEVER BRUSH DECK LIFTING	
3	9098587000	1	SUPPORT LEFT FOR WATERTAN K KIT	[2]
4	909 6539 000	1	MAT.ANTISKID	
5	909 6540 000	1	BUSSNING LYFT AV PEDAL	
6	909 6549 000	1	PEDAL. BORSTLYFTNING	
7	909 6594 000	3	BUSSNING	
12	1466344000	1	TIE CABLE 4.8X200 BLACK 10 PCS SET	
15	909 6595 000	1	HOLDER.FLAT TIE	
18A	909 6621 000	1	KNOB	[3]
20	33006051	1	LÅSRING	
21A	33004010	1	Skruv M10X30 Uni5739	
22	909 6337 000	1	SCREW M5X12 PAN HD PHIL ISO7045	
23	909 6878 000	1	HARDWARE CHAS.FIXING KIT	
24	909 6880 000	2	HJUL KIT SCRUBTEC	[4]
24	9098619000	2	HJUL KIT D.100 PU SS	[5]
25	909 6880 000	2	HJUL KIT SCRUBTEC	
26	9100000335	1	STRAP ANTISTATIC KIT	[6]

Part Notes:

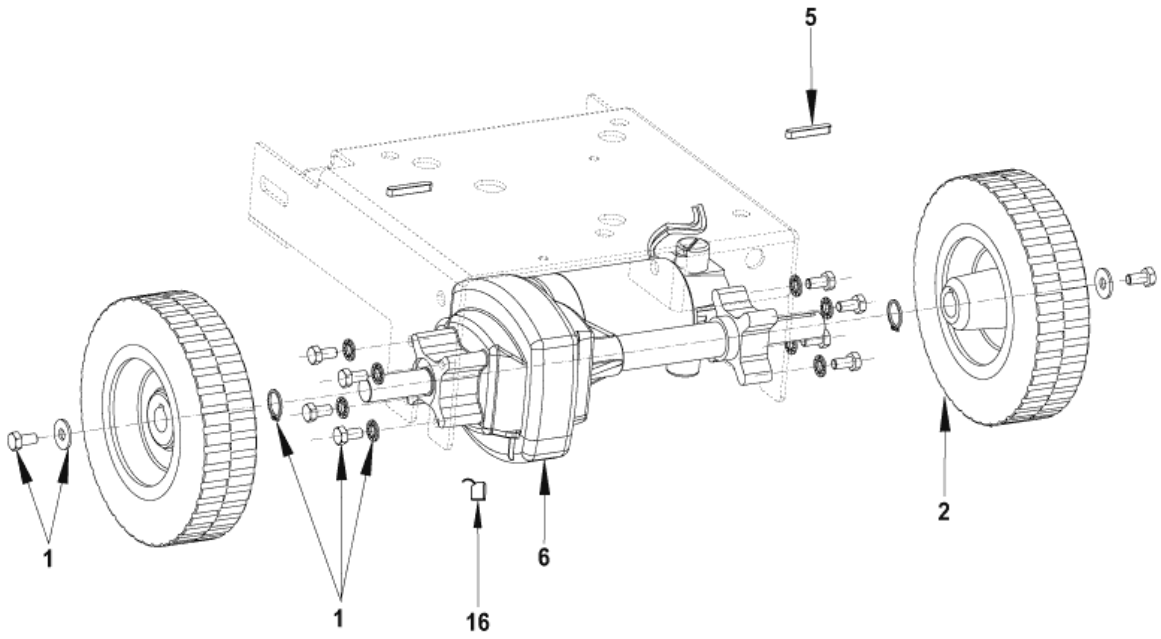
[1] - STOCK COVERS GUARANTEE
[2] - STOCK COVERS GUARANTEE

ONLY FOR DRIVE VERSIONS - SEE INST. INSTR. 9098588000
[3] - FOR SCRUBBER WITH DRIVE
[4] - SEE TSB-FC-2015-020
[5] - OPTIONAL
[6] - NOT SHOWN

SENZA TRAZIONE / WITHOUT TRACTION
(BA 451 / BA 531)



CON TRAZIONE / WITH TRACTION
(BA 451 D / BA 531 D)

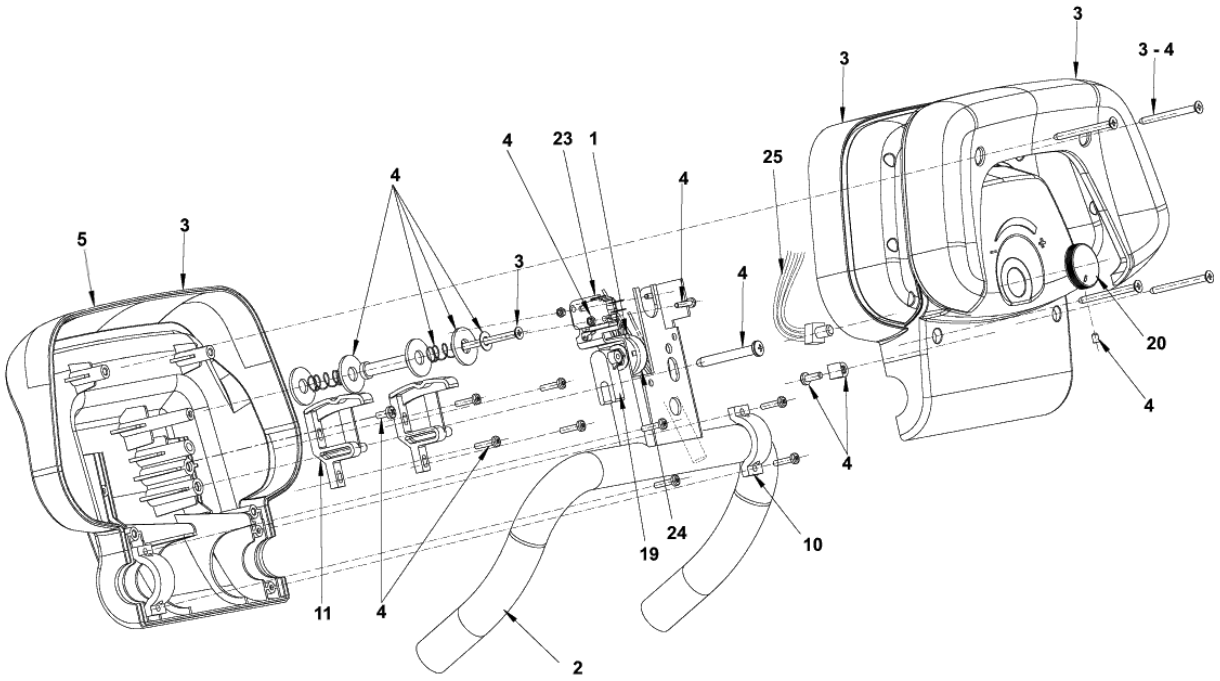


Pos.	Artikelnr	Antal	Beskrivning	Notes
1	9098298000	1	HARDWARE DRIVE WHEELS KIT	
2	9097032000	2	Drivhjul oljeresistenta Ø200 SCRUBTEC 5	[1]
2	9099204000	2	WHEEL POLY65 D.200X50	
5	146 0769 000	2	KEY 6X6X40 UNI6604A	
6	909 6548 000	1	MOTOR DRIVE 200W 24V	
7	9097167000	2	WHEEL FRONT D.200 65SH	[2]
7	9099743000	1	Hjul fram D.200 Kit	[3]
8	9100002134	1	SHAFT WHEELS GALV. SIP	[4]
13	9098299000	1	Hjulmuttersats	
16	145 5124 000	2	KUL F. AW 455 BÖRSTEMOTOR	

Part Notes:

[1] - OPTIONAL
[2] - ITEM NO LONGER AVAILABLE

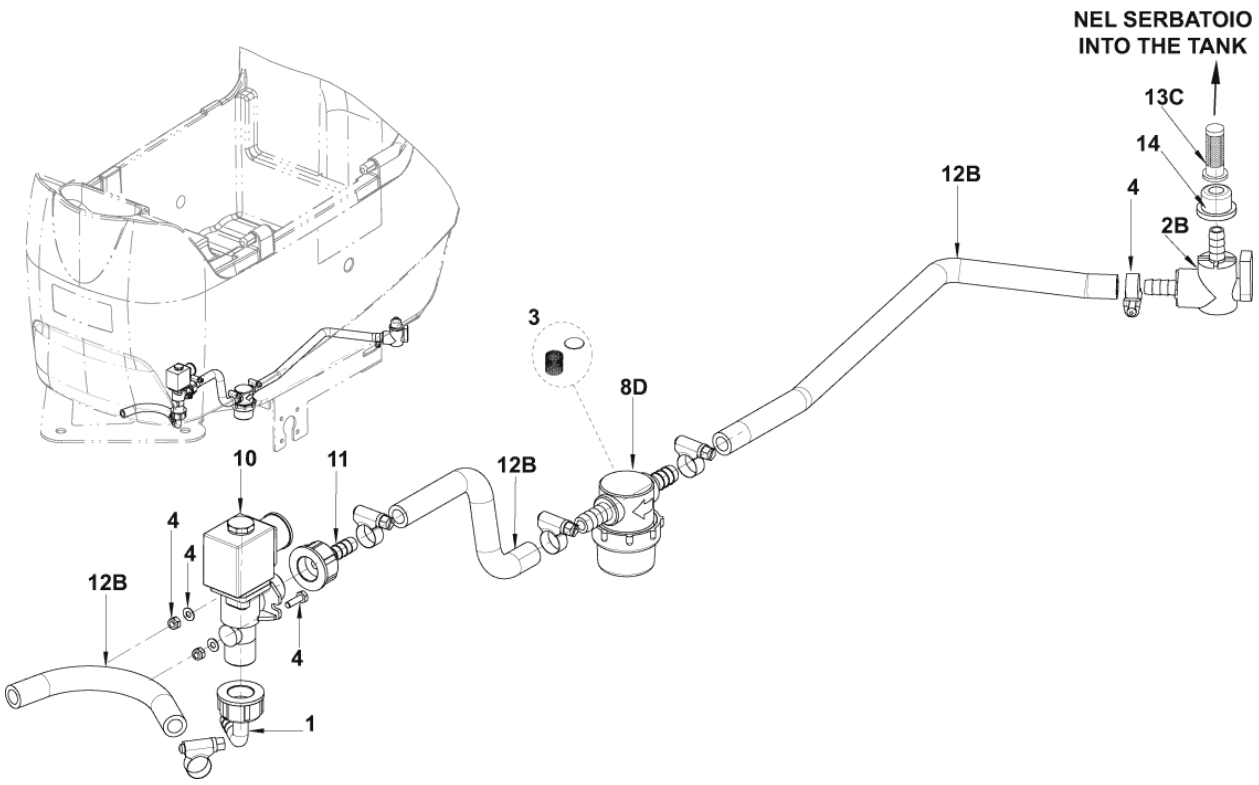
OPTIONAL
[3] - Contains 2 wheels
[4] - STOCK COVERS GUARANTEE


3
3 - 4
3
4
23
1
25
4
5
3
4
3
4
20
4
4
19
24
10
11
4
2

Pos.	Artikelnr	Antal	Beskrivning	Notes
1	909 6578 000	1	CABLE.HANDLE BAR	
2	909 6653 000	1	HANDLE BAR	
3	9097622000	1	COVERS UPPER/LOWER HANDLE KIT	
4	9098300000	1	HARDWARE HANDLE ASSEMBLY	
5	9098792000	1	HOUSING SWITCH LOWER KIT	[1]
10	L08812279	2	CLAMP BA450/530	
11	L08812282	2	CAM CONTROLLER BA450/530	
19	909 6038 000	1	ROD, POTENTIOMETER	
20	909 6471 000	1	KNOB, POTENTIOMETER	
23	9100000792	1	MICROSWITCH 16A 250V SIP	
24	9100001062	1	POTENTIOMETER 5K 40 PKD	
25	909 6544 000	1	HARNESS POTENTIOMETER	

Part Notes:

[1] - SEE TSB-IT 2010-060


NEL SERBATOIO
INTO THE TANK
13C
14
12B
4
2B
3
8D
10
11
12B
4
4
12B
4
1

Pos.	Artikelnr	Antal	Beskrivning	Notes
00B	909 6896 000	1	PIPES SOLENOID VALVE KIT	[1]
1	9098777000	1	HOLDER RUBBER 90 GRAD.KIT	
2B	9096994000	1	VALVE ELBOW	[2]
3	L08603893	1	KIT NET FILTER + GASKET	
4	9098301000	1	MONTERINGSSET	
8D	9097166000	1	FILTER COMPLETE KIT	[3]
10	909 6555 000	1	MAGNETVENTIL 24V	
11	9100000106	1	GUMMIKOPPLING 1/2 HONA	
12B	9096995000	1	VALVE ELBOW W/PIPES KIT	[2]
13C	9100001353	1	FILTER SOLUTION TANK	[4]
14	909 5286 000	1	GASKET	

Part Notes:

[1] - ALTERNATIVE USE 909 6806 000

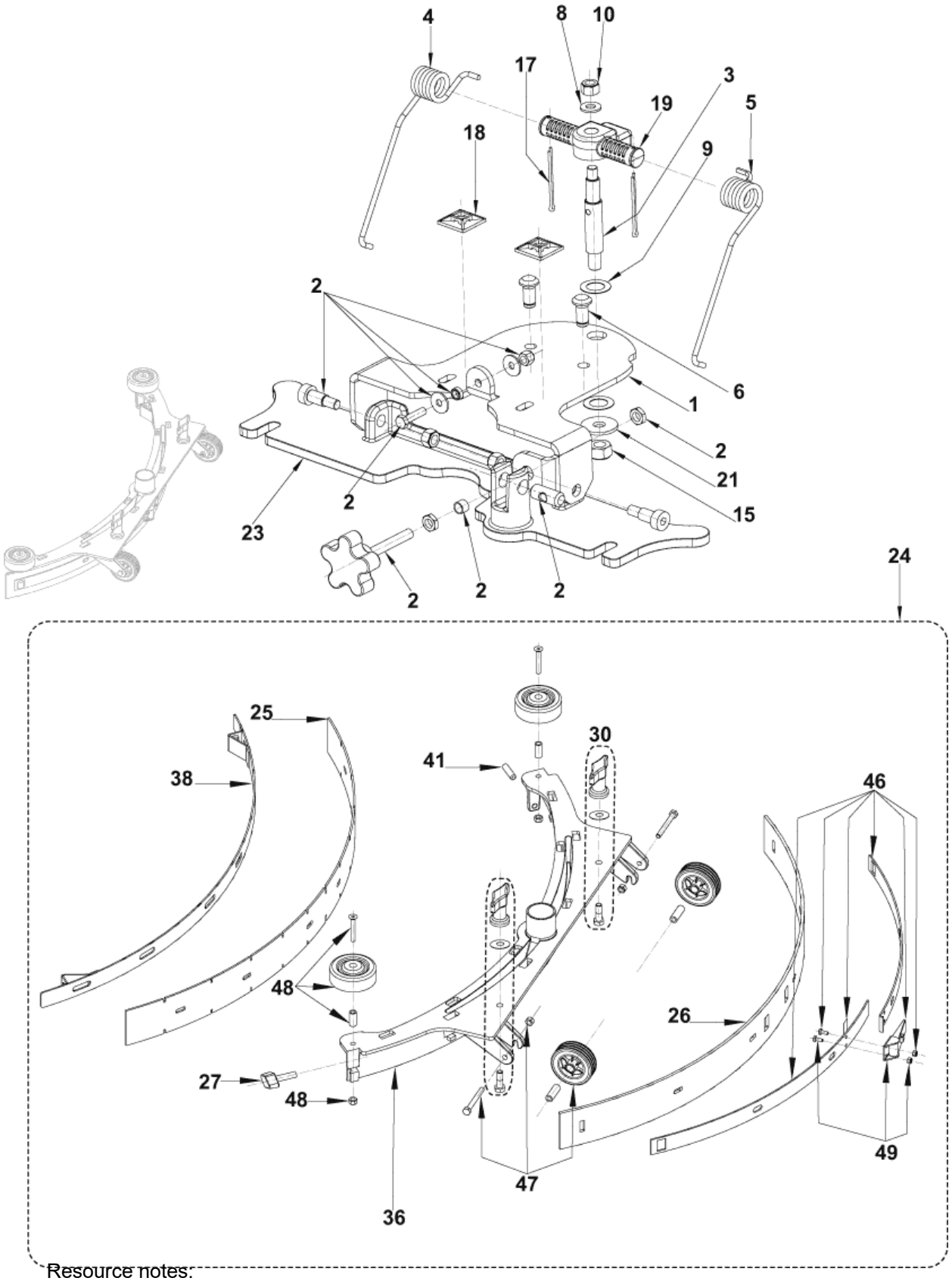
NOT SHOWN - SEE TSB IT 2007-027a

[2] - SEE TSB IT 2007-027a

[3] - SEE TSB IT 2007-021

[4] - OPTIONAL

SEE TSB IT 2007-015



Resource notes:

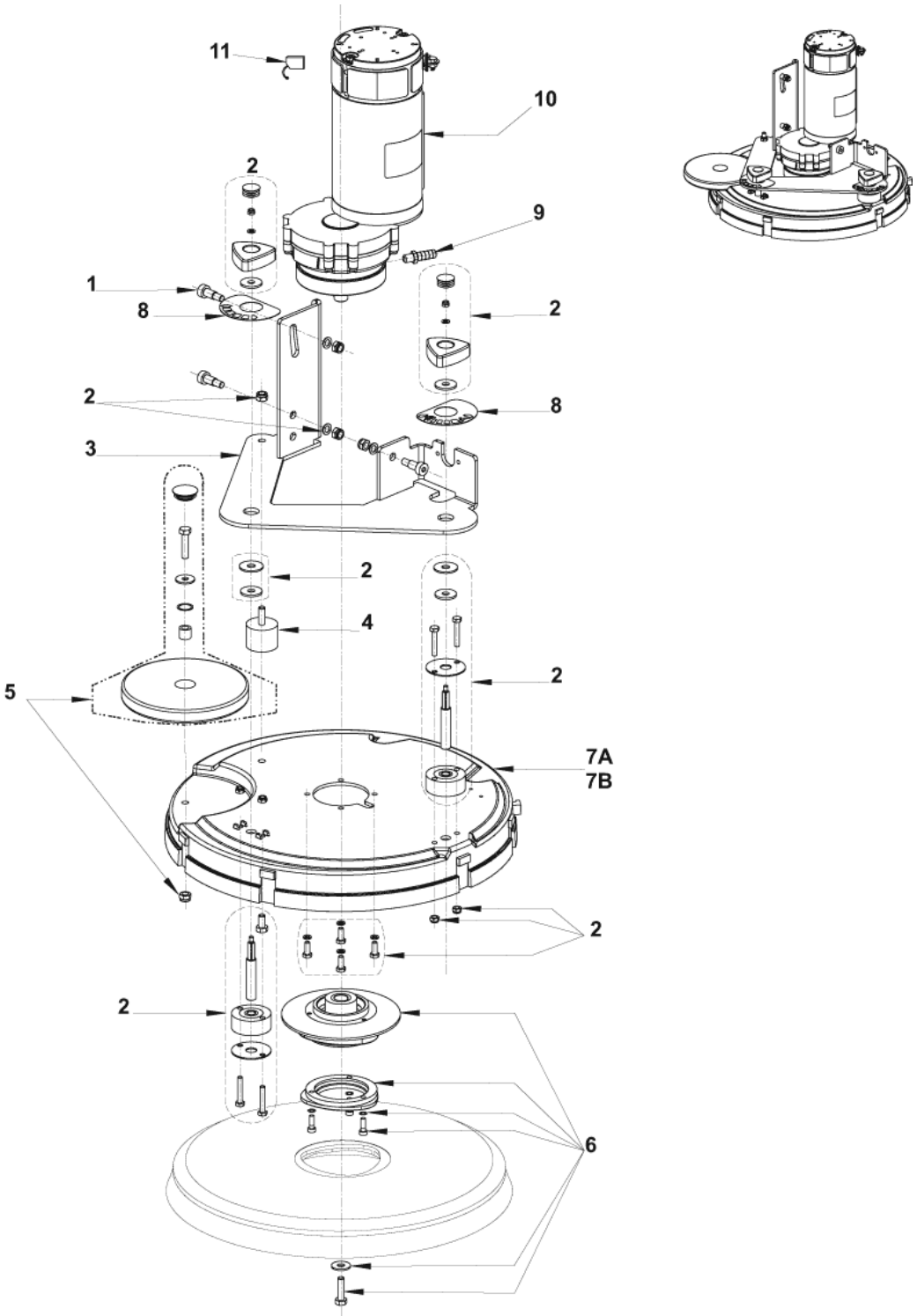
POSITION 25-26: 909 6483 000 - 909 6484 000 INCLUDED IN THE KIT 909 6860 000

Pos.	Artikelnr	Antal	Beskrivning	Notes
00	9100000279	1	Sugblad 740 mm/29" kit	[1]
00	9097548000	1	WASHER FLAT NYLON KIT FOR SQUEEGEE SUPPO	[2]
1	909 6494 000	1	BRACKET, SQUEEGEE SUPPORT	
2	909 6885 000	1	HARDWARE SQUEEGEE FIXING KIT	
3	909 6497 000	1	PIN, SQUEEGEE	
4	909 6537 000	1	SPRING,SQUEEGEE PUSHING	
5	909 6538 000	1	SPRING,SQUEEGEE PUSHING	
6	909 6543 000	2	PIN. SQUEEGEE FIXING	
8	33023208	1	BRICKA M8 UNI6592 10 ST	
9	L08238300	2	WASHER	
10	33023574	1	NUT LOCK HEX M8 ISO10511 PCS 10 SET	
15	33005608	1	NUT SELF L. M10 UNI7474	
17	33005758	2	PIN SPLIT 2X32 UNI1336	
18	909 6635 000	2	HOLDER,FLAT TIE	
19	9100000515	1	SUPPORT SQUEEGEE SPRING PKD	
21	L08604251	1	DISC 10,5 BA340/450/530	
23	909 6045 000	1	SUPPORT, SQUEEGEE	
24	909 6851 000	1	Sugskrapa komplett, 730 mm	
27	9100000791	1	KNOB M8X30 THD STUD SS SIP	
30	9097637000	2	SQUEEGEE FIXING KIT	
36	909 6044 000	1	WELDMENT,SQUEEGEE TOOL	
38	909 6055 000	1	STRAP SQUEEGEE FRONT	
41	909 6600 000	1	SCREW GRUB M8X30 UNI5929	
46	909 6882 000	1	HARDWARE SQU.BLADE FIXING KIT	
47	909 6883 000	2	STÖDHJUL SKRAPA 2 PACK	
48	909 6884 000	2	ROLLER BUMPER SQUEEG. KIT	
49	909 6394 000	1	LATCH SQUEEGEE KIT	

Part Notes:

[1] - INCL.POS.: 25-26

[2] - NOT SHOWN - SEE TSB IT 2007-031


11
10
2
9
1
8
2
2
8
3
2
4
2
5
7A
7B
2
2
6

Pos.	Artikelnr	Antal	Beskrivning	Notes
00	9097599000	1	SKYDDSSET	[1]
00	L08812480	1	POLYG. HOLDER BA450/530	[2]
1	9100001160	1	SCREW SHOUL 10X16 M8 ISO7379 10 PCS SET	
2	9099419000	1	HARDWARE BRUSH DECK SYST. KIT	
3	909 6485 000	1	Plate deck brush holder	
4	9100000868	1	VIBRATIONSDÄMPARE M8 60SH 2 PCS SET	
5	909 6887 000	1	ROLLER BUMPER KIT	
6	9097093000	1	HOLDER POLYGONAL KIT	
7A	909 6043 000	1	DECK BRUSH	[3]
7B	909 6042 000	1	BORSTDÄCK	[4]
8	9097771000	1	DECALS KIT BA 451/531	
9	L08601624	1	SLANG F/VATT.REGUL. B54	
10	9098308000	1	REDUCTION GEARMOTOR 450W 24V	
10	1466147000	1	KEY 5X5X20 UNI6604A SIP	[5]
11	9098376000	1	CARBON BRUSHES KIT 4 PCS	[6]
11	9098674000	1	CARBON BRUSHES KIT 4 PCS	[7]
11	909 5380 000	1	CARBON BRUSH KIT	[8]

Part Notes:

[1] - SEE TSB-FC-2015-035

NOT SHOWN - OPTIONAL - INST.INSTR. 9097600000 FOR 909 6546 000 - SEE TSB IT 2008-014

see TSB FC 2015-035 (COMING SOON)

[2] - NOT SHOWN

[3] - 450MM/17"
STOCK COVERS GUARANTEE

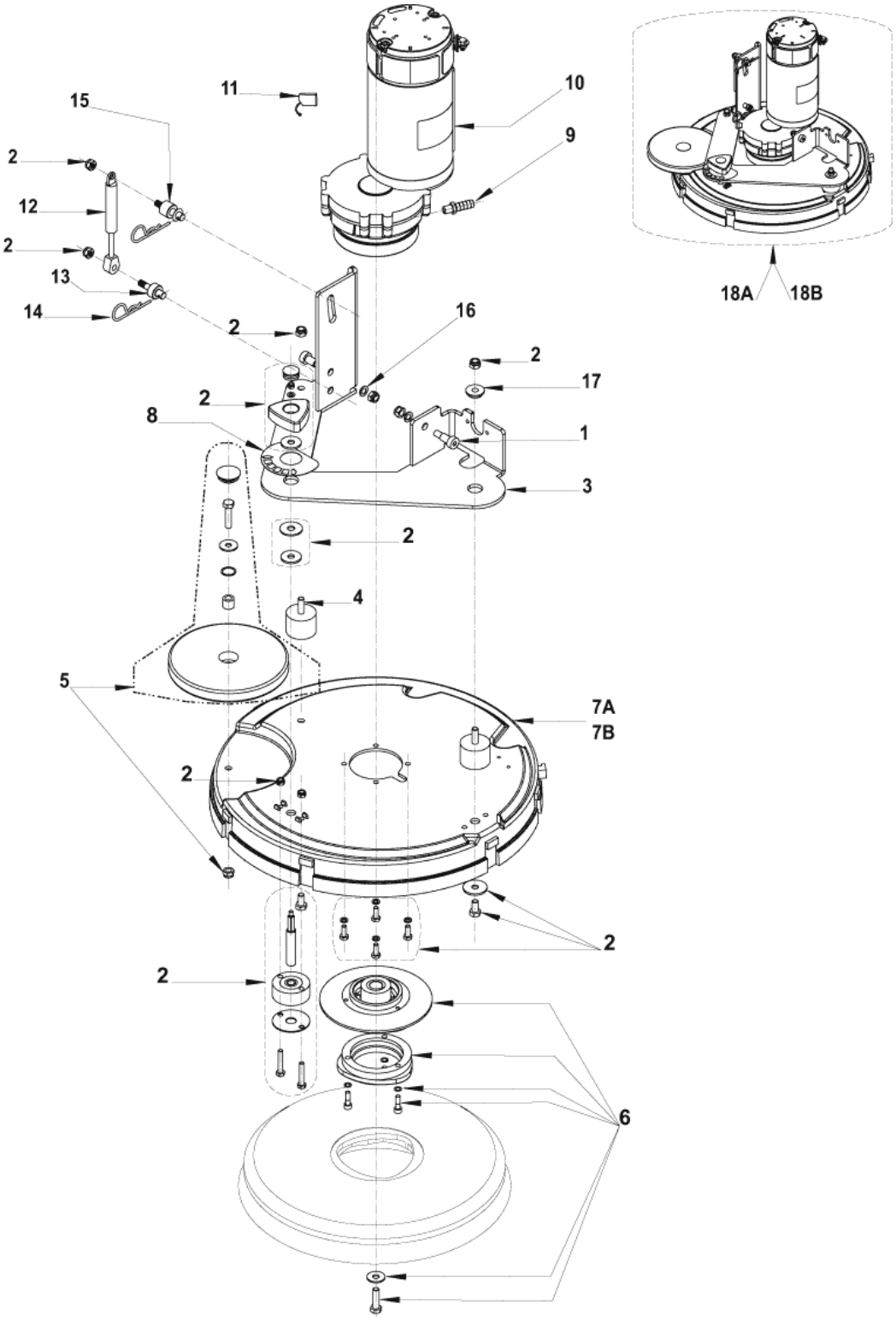
[4] - 530MM/20"

[5] - NOT SHOWN - ALREADY INCLUDED IN REDUCTION GEARMOTOR

[6] - FOR REDUCTION GEARMOTOR 9098308000 (AMER)

[7] - FOR REDUCTION GEARMOTOR 9098352000 (VIPER)

[8] - FOR REDUCTION GEARMOTOR 909 6546 000 (LEROY SOMER)
GUARANTEE DATE EXPIRED


11
10
15
9
2
12
2
13
14
2
16
2
17
2
8
1
3
2
4
5
7A
7B
2
2
2
6
18A
18B

Pos.	Artikelnr	Antal	Beskrivning	Notes
00	9097599000	1	SKYDDSSET	[1]
00	L08812480	1	POLYG. HOLDER BA450/530	[2]
1	9100001160	3	SCREW SHOUL 10X16 M8 ISO7379 10 PCS SET	
2	9099419000	1	HARDWARE BRUSH DECK SYST. KIT	
3	909 6485 000	1	Plate deck brush holder	
4	9100000868	1	VIBRATIONSDÄMPARE M8 60SH 2 PCS SET	
5	909 6887 000	1	ROLLER BUMPER KIT	
6	9097093000	1	HOLDER POLYGONAL KIT	
7A	909 6043 000	1	DECK BRUSH	[3]
7B	909 6042 000	1	BORSTDÄCK	
8	9097771000	1	DECALS KIT BA 451/531	
9	L08601624	1	SLANG F/VATT.REGUL. B54	
10	9098308000	1	REDUCTION GEARMOTOR 450W 24V	[4]
10	1466147000	1	KEY 5X5X20 UNI6604A SIP	[5]
11	9098376000	1	CARBON BRUSHES KIT 4 PCS	[6]
11	909 5380 000	1	CARBON BRUSH KIT	[7]
12	909 6514 000	1	SPRING GAS	
13	909 6516 000	1	PIN LOWER	
14	1467692000	1	PIN SPRING COTTER 3X56 GALV. 2 PCS SET	
15	909 6515 000	1	PIN UPPER	
16	33023223	2	WASHER SPRING LOCK M8 DIN127B 10 PCS SET	
17	909 6513 000	1	BUSH FLANGED	
18A	909 6852 000	1	DECK BRUSH 450MM/18 KIT	[8]
18B	909 6853 000	1	DECK BRUSH 530MM/21 KIT	

Part Notes:

[1] - SEE TSB-FC-2015-035

NOT SHOWN - OPTIONAL - INST.INSTR. 9097600000 FOR 909 6546 000 - SEE TSB IT 2008-014

see TSB FC 2015-035 (COMING SOON)

[2] - NOT SHOWN

[3] - STOCK COVERS GUARANTEE

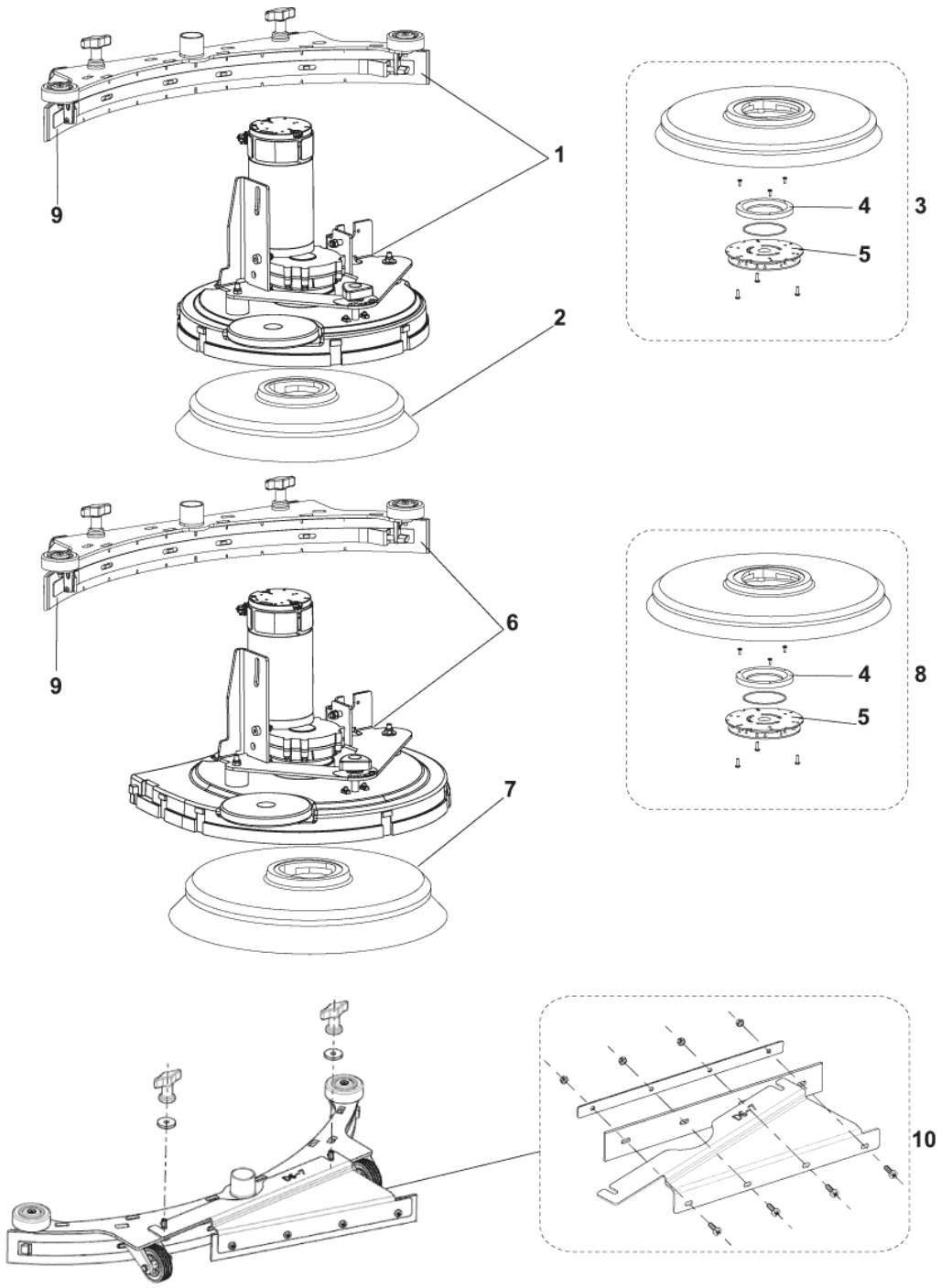
[4] - STARTING FROM SERIAL NUMBER 111332741

[5] - NOT SHOWN - ALREADY INCLUDED IN REDUCTION GEARMOTOR

[6] - FOR REDUCTION GEARMOTOR 9098308000 (AMER)

[7] - FOR REDUCTION GEARMOTOR 909 6546 000 (LEROY SOMER)
GUARANTEE DATE EXPIRED

[8] - PRUNED ACCESSORY-PF 6246



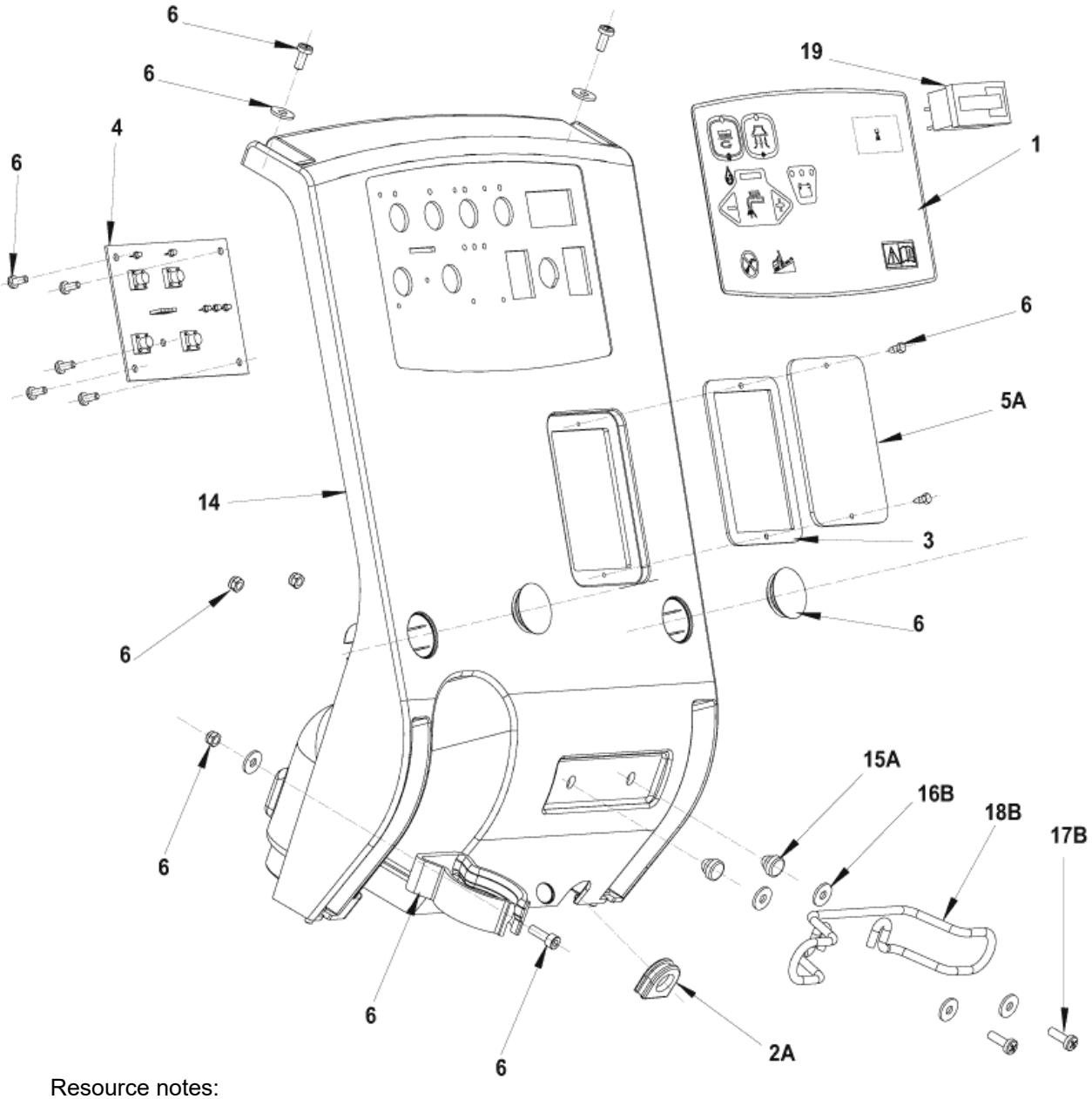
Resource notes:

POSITION 0: 909 6483 000 - 909 6484 000 INCLUDED IN THE KIT 909 6860 000

Pos.	Artikelnr	Antal	Beskrivning	Notes
00	9100000279	1	Sugblad 740 mm/29" kit	
00	909 6858 000	1	Sugskrapeblad kit polyurethan 29" 740mm	
1	909 6847 000	1	DECK BRUSH 450MM/18 KIT W	[1]
2	L08837021	1	Borste Prolite 17,5" Ø450 mm	[2]
2	L08837023	1	BORSTE MIDLITE 180 18"	[2]
2	L08837024	1	BORSTE MIDGRIT 240 18"	[2]
2	L08837022	1	Borste Union Mix 18"	[2]
2	L08837020	1	Borste Prolene 17,5" Ø450 mm	
3	L08837017	1	Rondellhållare 18" (460 mm)	
4	L08603966	1	RING NYLON	
5	56505195	1	Rondellås tryck in kompl	
6	909 6848 000	1	DECK BRUSH 530MM/21 KIT WITH	[3]
7	L08837029	1	Borste Mid Grit 240 grå 21" 530mm	
7	L08837025	1	Borste Prolene 21" Ø530mm	
7	L08837027	1	Borste Union Mix 21" Ø530 mm	
7	L08837066	1	Borste Dyna Grit 80 21" Ø530 mm	
7	L08837026	1	Borste Prolite 21" Ø530 mm	
7	L08837028	1	Borste Midlite Grit 180 21" Ø530 mm	
7	L08837067	1	Borste Aglite Grit 500 21" Ø530 mm	
7	L08837065	1	Borste Magna Grit 46 21" Ø530 mm	
8	L08837018	1	Rondellhållare 21" (530 mm)	
9	909 6851 000	1	Sugskrapa komplett, 730 mm	
9	L08603878	1	SUGSKRAPA KOMPLETT	
10	9098343000	1	EXTRA BLAD TILL SUGRAMP	[4]
11	9100002050	1	"PAD HOLDER 17"" Ø 432MM"	[5]

Part Notes:

[1] - PRUNED ACCESSORY-PF 6246
[2] - COMPLEXITY REDUCTION
[3] - NO LONGER AVAILABLE
[4] - OPTION - SEE INST.INSTR. 9098337000
[5] - NOT SHOWN



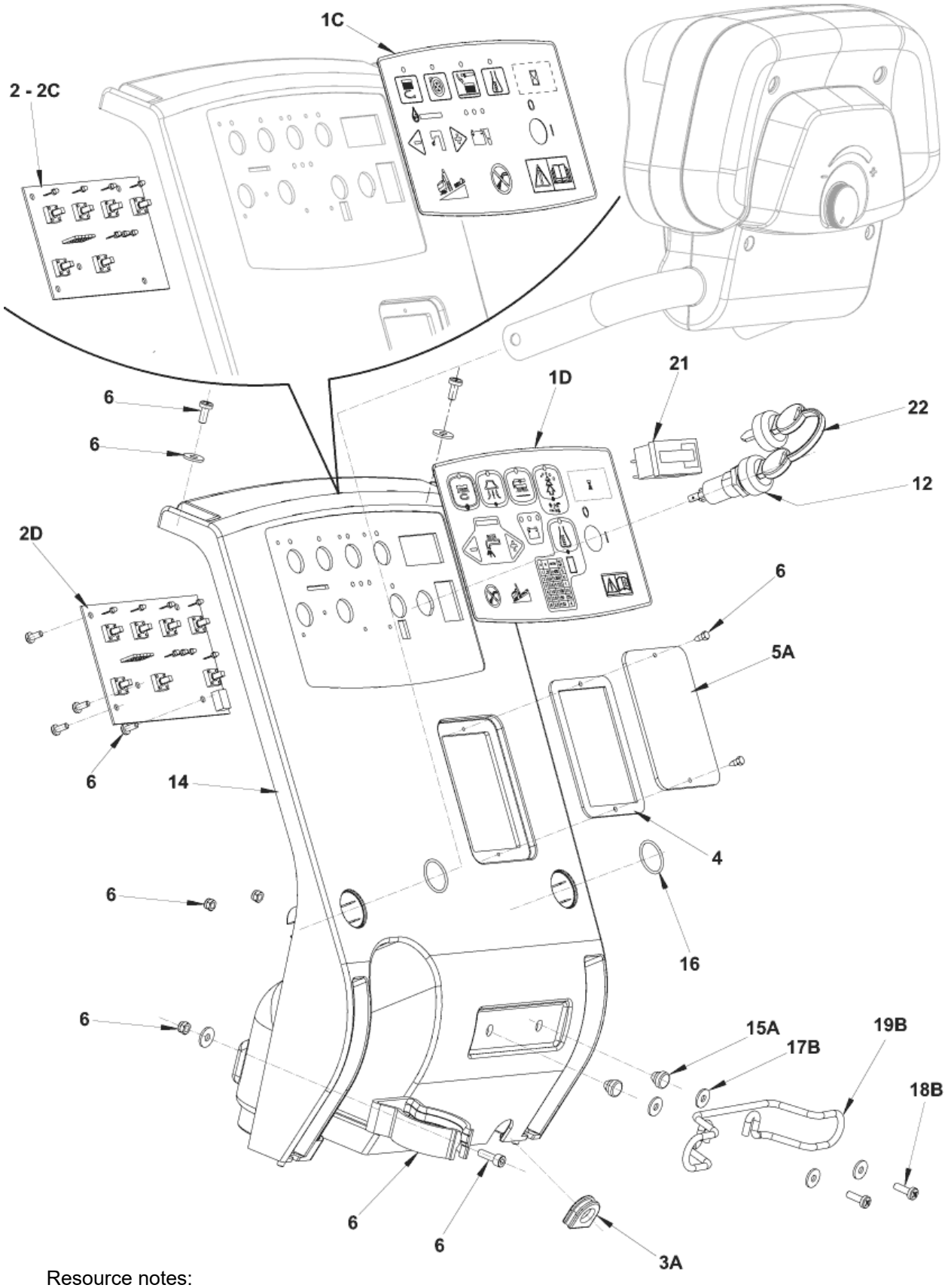
Resource notes:

A : ONLY VERSION WITHOUT BATTERY CHARGER ON BOARD B : ONLY VERSION WITH BATTERY CHARGER ON BOARD

Pos.	Artikelnr	Antal	Beskrivning	Notes
00	9100000878	1	FUSE BLADE 3A SIP	[1]
1	9098635000	1	DEKAL KONTROLLPANEL	[2]
2A	909 6542 000	1	GROMMET	
3	909 6545 000	1	GASKET	
4	909 6552 000	1	CARD,ELECTRONIC	[3]
4	9100000174	1	CARD ELECTRONIC FUNCTIONS SIP	[4]
5A	9100001065	1	COVER F INSPECTION PLATE BLACK PKD	
6	9100001891	1	HARDWARE CONTROL PANEL KIT	
14	9097649000	1	COVER CONTROL PANEL KIT	
15A	909 6553 000	2	FEET RUBBER	
16B	1467686000	1	WASHER PLAIN M5X15 ISO7093 10 PCS SET	
17B	146 2090 000	2	SCREW M5X16 PAN HD PHIL ISO7045	
18B	1466317000	1	SUPPORT BATTERY CHARGER CABLE KIT	
19	9096951000	1	Tidräknare 24 V	[5]
20	1466207000	1	PROGRAMMERARE TILL KRETSKORT	[1]

Part Notes:

[1] - NOT SHOWN
[2] - SEE TSB IT 2009-025
[3] - UNTIL S/N 072115093
[4] - STARTING S/N 072115094
[5] - OPTIONAL - SEE INST. INSTR. 9096952000



Resource notes:

Note: A : ONLY VERSION WITHOUT BATTERY CHARGER ON BOARD B : ONLY VERSION WITH BATTERY CHARGER ON BOARD POSITION 2 909 6499 000 ONLY FOR MACHINE BEFORE S/N BA 531D 072014255 - BA 451 072115094

Pos.	Artikelnr	Antal	Beskrivning	Notes
00	9100000878	2	FUSE BLADE 3A SIP	[1]
00	909 6678 000	1	FUSE 20A GLASS DELAYED	[2]
1C	909 6057 000	1	DECAL CONTROL PANEL	[3]
1D	9100001243	1	DECAL CONTROL PANEL ECOFLEX PKD	[4]
2	909 6499 000	1	CARD,ELECTRONIC CONTROL P	[5]
2C	9100000175	1	CARD ELECTRONIC FUNCTIONS SIP	[6]
2D	9100000179	1	CARD ELECTRONIC FUNCTIONS SIP	[4]
3A	909 6542 000	1	GROMMET	
4	909 6545 000	1	GASKET	
5A	9100001065	1	COVER F INSPECTION PLATE BLACK PKD	
6	9100001891	1	HARDWARE CONTROL PANEL KIT	
12	9100001354	1	TÄNDNINGSLÅS INK NYCKEL	
14	9100001360	1	COVER GREY F ELECTRIC COMP. BOX SIP	
15A	909 6553 000	2	FEET RUBBER	
16	909 6675 000	2	TÄTNING.O-RING 132	
17B	1467686000	1	WASHER PLAIN M5X15 ISO7093 10 PCS SET	
18B	146 2090 000	2	SCREW M5X16 PAN HD PHIL ISO7045	
19B	1466317000	1	SUPPORT BATTERY CHARGER CABLE KIT	
21	9096951000	1	Tidräknare 24 V	[7]
22	146 2887 000	1	NYCKEL 2ST	

Part Notes:

[1] - NOT SHOWN

[2] - STOCK COVERS GUARANTEE
NOT SHOWN

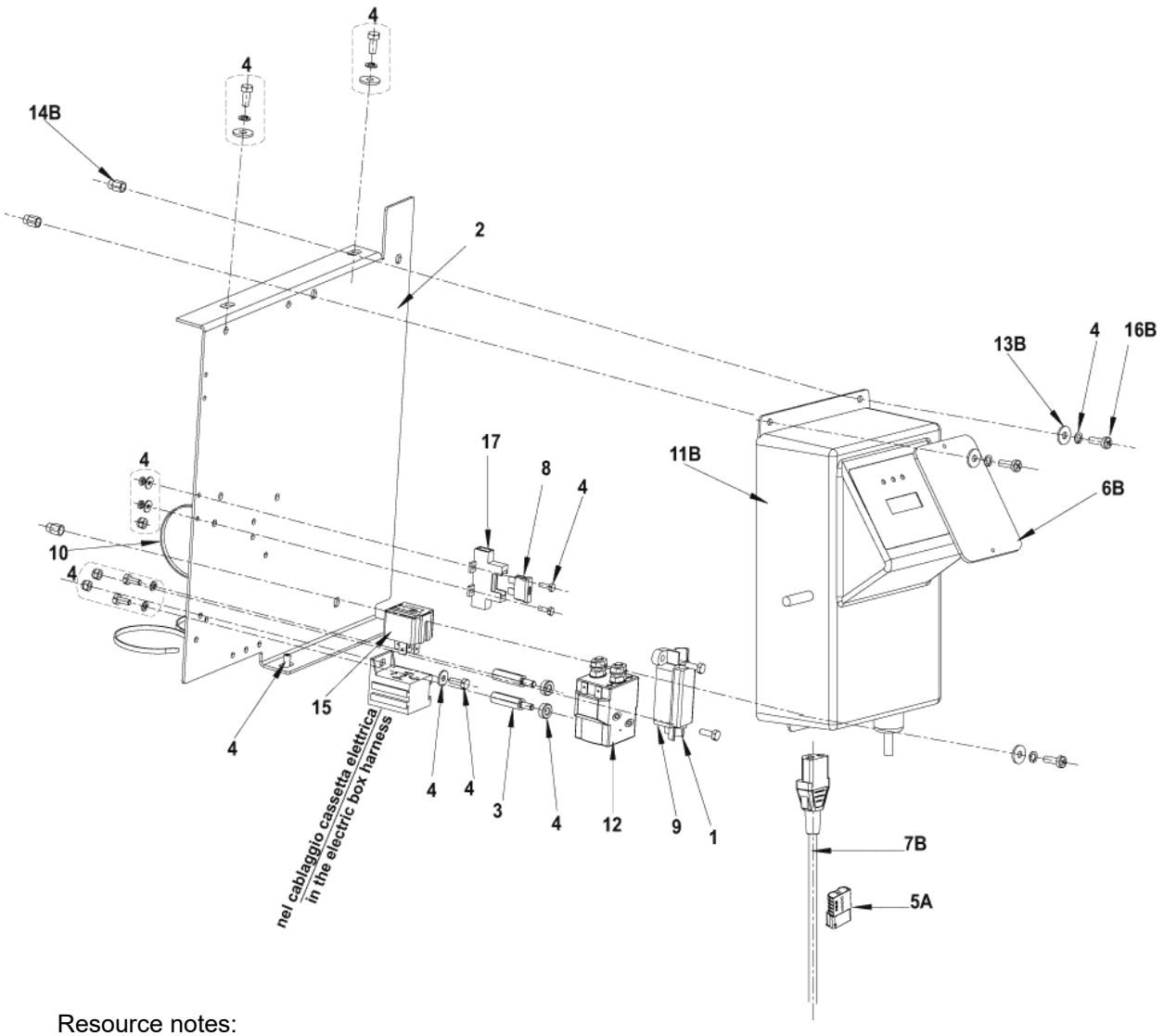
[3] - SEE TSB IT 2009-025
VALID FOR BA 451D, BA531D - UNTIL S/N 102013837 -ref. ECO 3706

[4] - VALID FORBA 451D, BA 531D - STARTING FROM S/N 102013838 - ref. ECO 3706 EcoFlex

[5] - Until S/N072115093

[6] - Starting from S/N 072115094
VALID FOR BA 451D, BA531D - UNTIL S/N 102013837 -ref. ECO 3706

[7] - OPTIONAL - SEE INST. INSTR. 9096952000



Resource notes:

A: ONLY VERSIONS WITHOUT BATTERY CHARGER ON BOARD B: ONLY VERSIONS WITH BATTERY CHARGER ON BOARD

Pos.	Artikelnr	Antal	Beskrivning	Notes
00	9096971000	1	HARNESS MACHINE	[1]
00	9100001950	1	HARNESS BATTERY KIT	
00	9097590000	1	CABLE BATTERY INTERCONNEC	
00	9096963000	1	HARNESS ELECTRIC BOX	[2]
00	909 6616 000	1	HARNESS ELECTRIC BOX	[3]
00	909 6840 000	1	HARNESS VACUUM MOTOR	[4]
00	909 6844 000	1	HARNESS MACHINE	[3]
1	145 8046 000	1	SÄKERINGSHÅLLARE	
2	909 6498 000	1	SUPPORT ELECTRIC COMP.	
3	909 6676 000	2	SPACER M4 L25	
4	9098303000	1	HARDWARE ELECTRIC SYSTEM KIT	
5A	9100002117	2	CONNECTOR 120A RED SIP	
6B	9100001064	1	COVER F INSPECTION PLATE TRANSP. SIP	
7B	1466318000	1	CABLE EXTENSION UK PLUG L.2000MM SIP	
7B	9100000790	1	ANSL.KABEL.LADDARE EU PLUG L.1000MM PKD	
7B	9096914000	1	CABLE EXTENSION	
8	145 8513 000	1	SÄKRING 30A	
9	145 3824 000	1	Säkring 40A	
10	145 1449 000	3	TIE CABLE 3.6x140 BLACK	
11B	9098297000	1	INBYGGD LADDARE 24V 13A	
12	9097208000	1	SWITCH ELECTROMAGNETIC 24V	
13B	33023195	3	WASHER PLAIN M5 ISO7089 10 PCS SET	
14B	145 6132 000	3	INSERT M5	
15	909 6622 000	1	RELAY 24V 40A	
16B	1466964000	1	SCREW M5X20 PAN HD ISO7045 10 PCS SET	
17	1467035000	2	HOLDER FUSE	

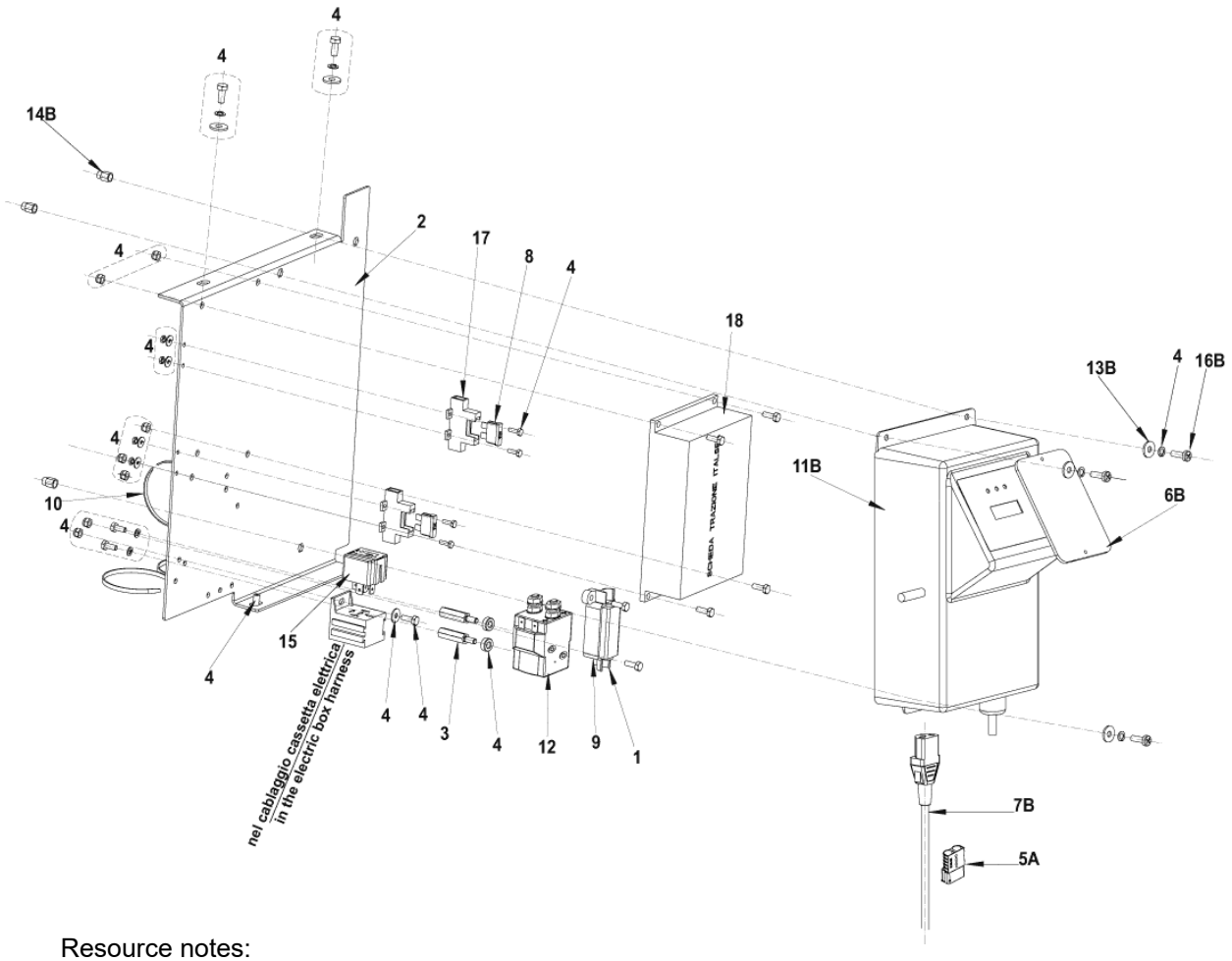
Part Notes:

[1] - starting from SN 070100309
STOCK COVERS GUARANTEE

[2] - starting from SN 070100309

[3] - before SN 070100309
GUARANTEE DATE EXPIRED

[4] - STOCK COVERS GUARANTEE



Resource notes:

A: ONLY VERSIONS WITHOUT BATTERY CHARGER ON BOARD B: ONLY VERSIONS WITH BATTERY CHARGER ON BOARD

Pos.	Artikelnr	Antal	Beskrivning	Notes
00	909 6840 000	1	HARNESS VACUUM MOTOR	[1]
00	9097590000	1	CABLE BATTERY INTERCONNEC	
00	909 6617 000	1	HARNESS ELECTRIC BOX	[2]
00	9096964000	1	HARNESS ELECTRIC BOX	[3]
00	909 6839 000	1	HARNESS MACHINE	[2]
00	9096972000	1	HARNESS MACHINE	[4]
00	9098640000	1	HARNESS MACHINE	[5]
00	9100001950	1	HARNESS BATTERY KIT	
1	145 8046 000	1	SÄKERINGSHÅLLARE	
2	909 6498 000	1	SUPPORT ELECTRIC COMP.	
3	909 6676 000	2	SPACER M4 L25	
4	9098303000	1	HARDWARE ELECTRIC SYSTEM KIT	[6]
5A	9100002117	1	CONNECTOR 120A RED SIP	
6B	9100001064	1	COVER F INSPECTION PLATE TRANSP. SIP	
7B	9096914000	1	CABLE EXTENSION	
7B	9100000790	1	ANSL.KABEL.LADDARE EU PLUG L.1000MM PKD	
7B	1466318000	1	CABLE EXTENSION UK PLUG L.2000MM SIP	
8	145 8513 000	2	SÄKRING 30A	
9	145 3824 000	1	Säkring 40A	
10	145 1449 000	3	TIE CABLE 3.6x140 BLACK	
11B	9098297000	1	INBYGGD LADDARE 24V 13A	
12	9097209000	1	SWITCH ELECTROMAGNETIC 24V	
13B	33023195	3	WASHER PLAIN M5 ISO7089 10 PCS SET	
14B	145 6132 000	3	INSERT M5	
15	909 6622 000	1	RELAY 24V 40A	
16B	1466964000	1	SCREW M5X20 PAN HD ISO7045 10 PCS SET	
17	1467035000	2	HOLDER FUSE	
18	9100000173	1	CARD ELECTRONIC TRACTION KIT	
18	1466207000	1	PROGRAMMERARE TILL KRETSKORT	[7]

Part Notes:

[1] - STOCK COVERS GUARANTEE

[2] - before SN 064927239
GUARANTEE DATE EXPIRED

[3] - starting from SN 064927239

[4] - STOCK COVERS GUARANTEE

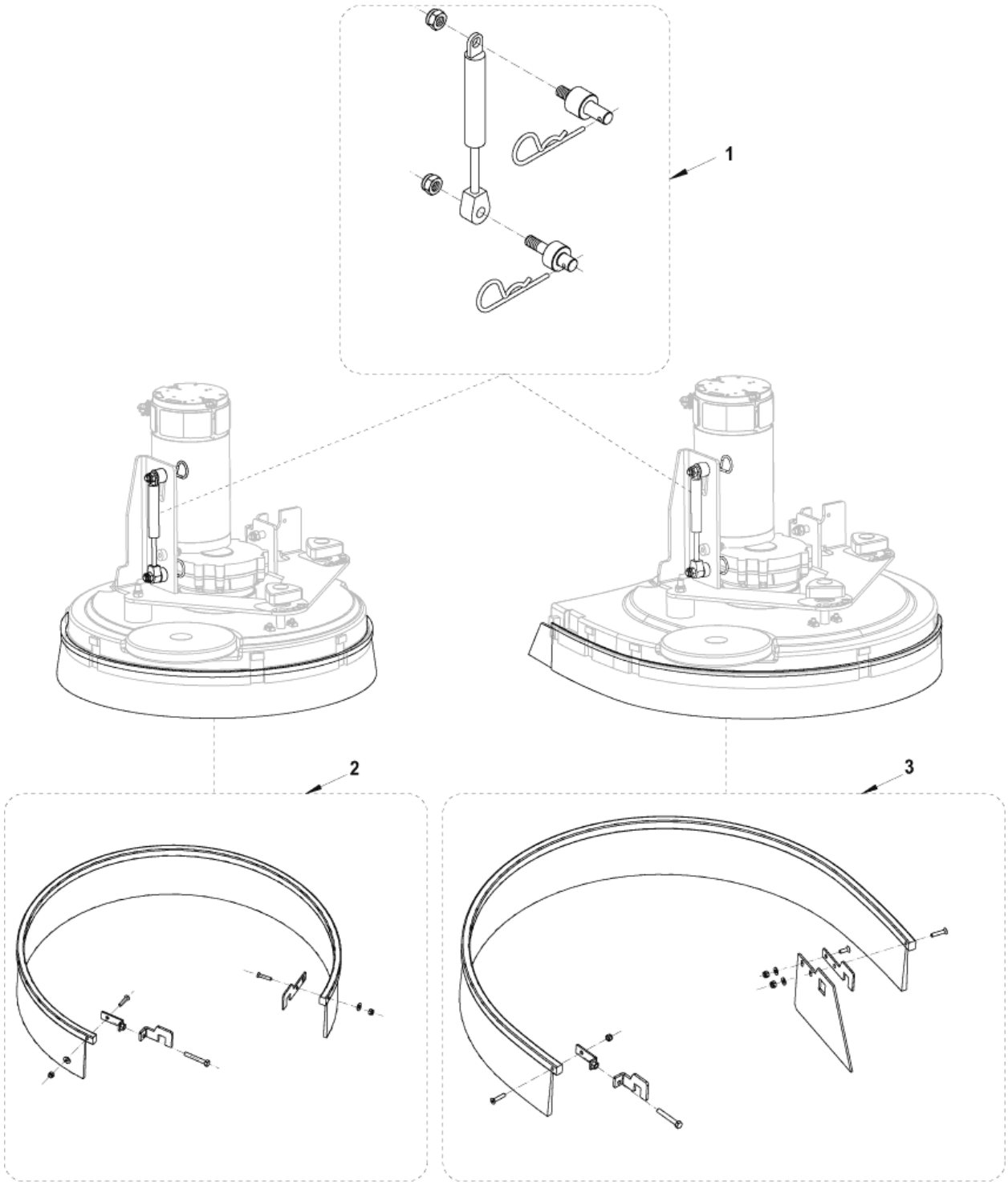
STARTING S/N 064927239
VALID FORBA 451D, BA 531D -UNTIL S/N 102013837 - ref. ECO 3706

[5] - VALID FORBA 451D, BA 531D - STARTING FROM S/N 102013838 - ref. ECO 3706 EcoFlex

[6] - contains all Hardware shown in this system

[7] - SERVICE TOOL - NOT SHOWN

KIT EXTRA PRESSIONE - EXTRA PRESSURE KIT
(BA 451 / BA 531)



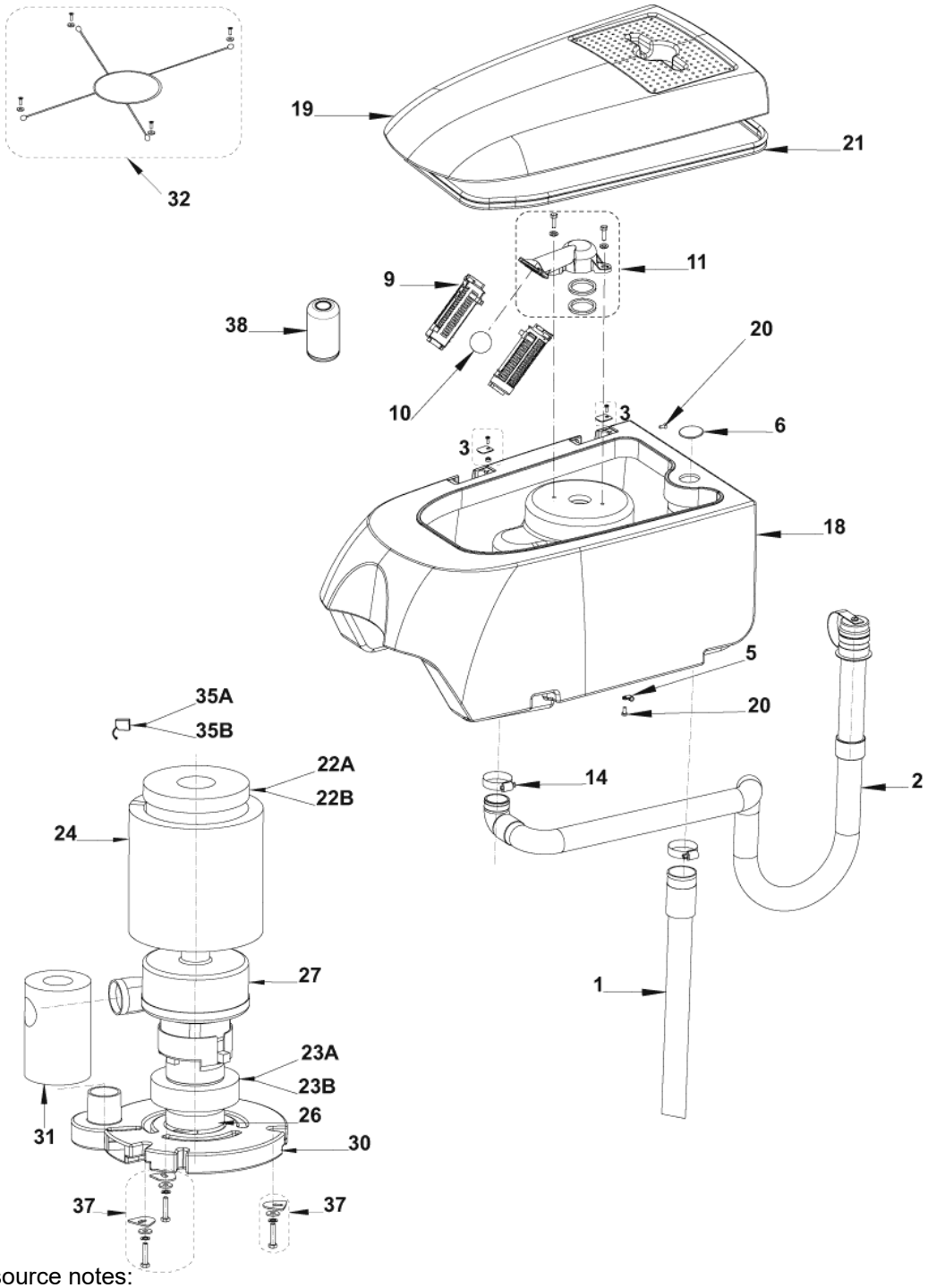
KIT PARASPRUZZI 17"
SPLASH GUARD 17" KIT
(BA 451 / BA 451 D)

KIT PARASPRUZZI 20"
SPLASH GUARD 20" KIT
(BA 531 / BA 531 D)

Pos.	Artikelnr	Antal	Beskrivning	Notes
1	909 6738 000	1	KIT F EXTRA BORSTTRYCK	[1]
2	909 6737 000	1	Stänkskydd BA 451	[2]
3	909 6736 000	1	Stänkskydd kit, 530 mm	[2]

Part Notes:

[1] - OPTIONAL - SEE INST.INSTR. 909 6759 000
[2] - OPTIONAL - SEE INST.INSTR. 909 6745 000



Resource notes:

A: FOR MOTOR 9099401000 (AMETEK) B: FOR MOTOR 9098062000 (VIPER)

Pos.	Artikelnr	Antal	Beskrivning	Notes
00	9098853000	1	ELBOW 90 SUCT.HOSE KIT RA L7001	[1]
00	909 6876 000	1	HARDWARE CAGE SUP.FIXING KIT	[2]
1	9099853000	1	SUGSLANG L.1234MM SVART	
2	9100001892	1	TÖMN. SLANG L.1480MM 90 SVART	
3	9097654000	1	TANK FIXING KIT	
5	L08603845	1	FÄSTE TILL KABEL	
6	1466138000	1	SVART LOCK SMUVA.TANK PPL DE 42X11.5 PKD	
9	9100000818	1	CAGE FLOAT HALF 2 PCS SET	
10	9100000817	1	BALL FLOATING SIP	
11	9100001875	1	SUPPORT FLOAT KIT	[3]
14	9100001348	1	CLAMP HOSE 32-52/12 10 PCS SET	
18	909 6321 000	1	TANK RECOVERY 35 LT	
19	909 6322 000	1	COVER.TANK 35 LT	
20	909 6337 000	2	SCREW M5X12 PAN HD PHIL ISO7045	
21	909 6901 000	1	GASKET L 1640	
22A	9096918000	1	PACKNING VACCUM MOTOR	
22B	9098057000	1	GASKET VACUUM MOTOR	
23A	909 6490 000	1	PACKNING VACUUM MOTOR	
23B	9097555000	1	GASKET VACUUM MOTOR	
24	909 6491 000	1	PANEL ACOUSTIC INSULATION	
26	909 6672 000	1	FILTER	
27	9099401000	1	MOTOR VACUUM KIT	
30	9100001246	1	COVER VACUUM MOTOR	
31	909 6442 000	1	PIPE.ACOUSTIC INSULATION	
32	909 6734 000	1	RUBBER BAND HOLDER KIT	[1]
35A	909 5371 000	2	BRUSH CARBON	
35B	ZD53501A	1	CARBON BRUSH FOR VAC MOTORS FANG SERIES	
37	909 6877 000	1	HARDWARE MOTOR FIXING KIT	
38	909 5065 000	1	Filter for flottor, skumdaempande	[4]

Part Notes:

[1] - OPTIONAL

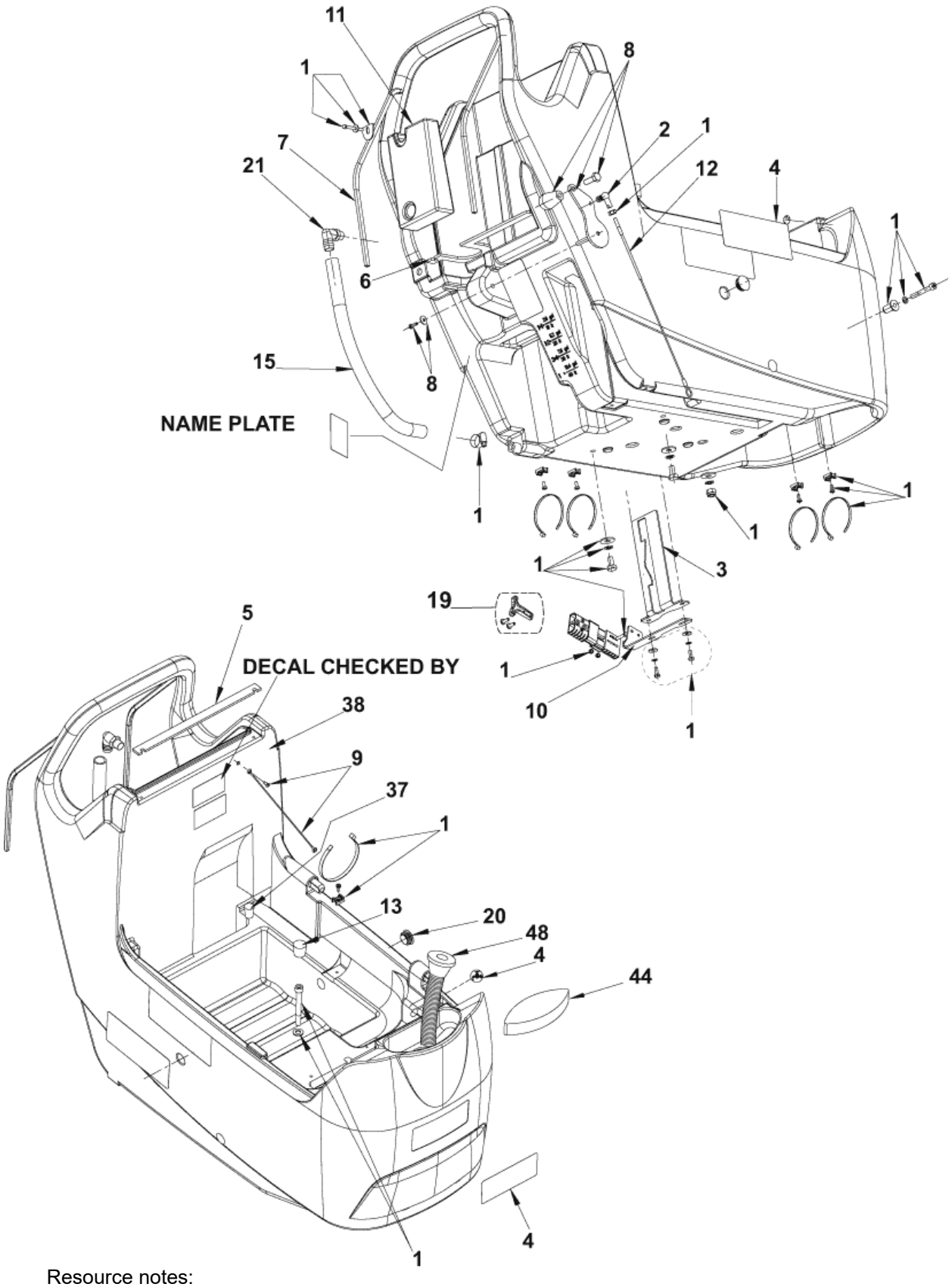
[2] - FOR OLD CAGE SUPPORT

due to ODM/ECN 2810 should have been considered valid for all

Machine configurations which were using it ONLY Before Serial Number 081813772 (Beginning of May 2008).
GUARANTEE DATE EXPIRED

[3] - See INST.INSTR. 9100001876

[4] - See TSB IT 2008-002 - OPTIONAL



Resource notes:

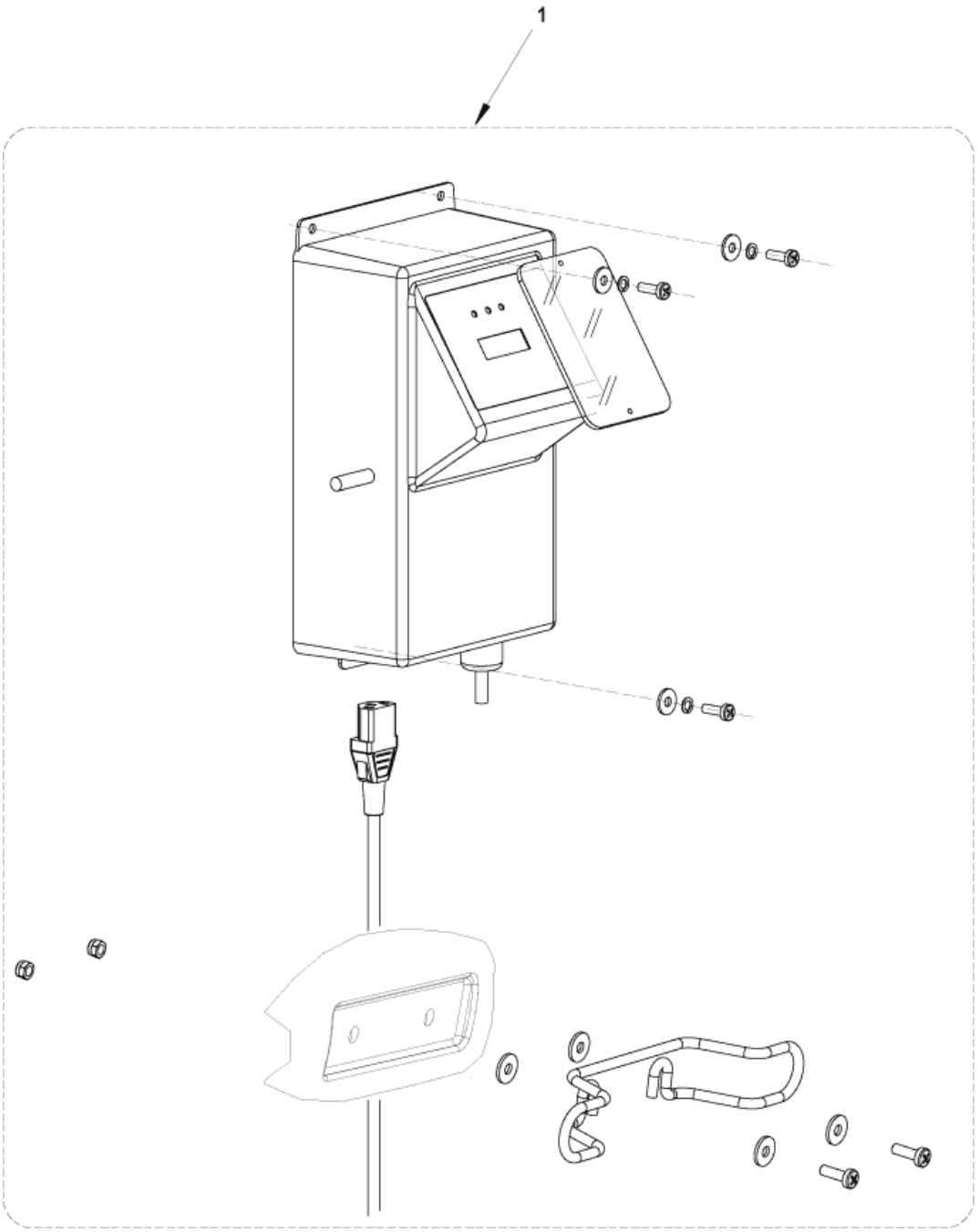
POSITION 12 9098673000 includes also position 2.

Pos.	Artikelnr	Antal	Beskrivning	Notes
00	9096999000	1	PLATE PEDAL BRACKET	[1]
1	9098265000	1	MONT.SET F. RENTVATT.TANK	
3	909 6550 000	1	SUPPORT. PEDAL	[2]
4	9097771000	1	DECALS KIT BA 451/531	
5	909 6596 000	1	PACKNING	
6	909 6597 000	1	PACKNING	
7	909 6892 000	2	PACKNING L 960	
8	9097630000	1	HARDWARE SQU.LEVER FIXING KIT	
9	909 6874 000	1	VAJER TANK KIT	
10	909 6649 000	1	BRACKET CONNECTOR SUPPORT	
11	909 6841 000	1	WEIGHT	
12	9098673000	1	CABLE SQUEEGEE KIT	[3]
13	909 6673 000	1	CAP BLACK BP6	
15	909 6681 000	1	HOSE CLEAN WATER	
19	9100000885	1	HANDLE F BATTERY CONNECTOR SIP	
20	33023302	2	PLUG FINNED D.32 PLASTIC BLACK SIP	
21	9100000770	1	BARB HOSE 90 D.20.5 M 3/8-18 PLASTIC KIT	
37	909 6236 000	1	LOCK SMUTSVA.TANK SVART	
38	909 6320 000	1	TANK SOLUTION 35 LT	
44	909 6650 000	1	SPONGE FOR WATER	
48	9097290000	1	Påfyllningsslang	[4]

Part Notes:

[1] - NOT SHOWN - ONLY FOR BA 531 D J
[2] - STOCK COVERS GUARANTEE
[3] - SEE TSB IT 2010-053 - SEE INST. INTR. 9098672000
[4] - OPTIONAL - SEE TSB-FC-2016-020

KIT CARICABATTERIA - BATTERY CHARGER KIT

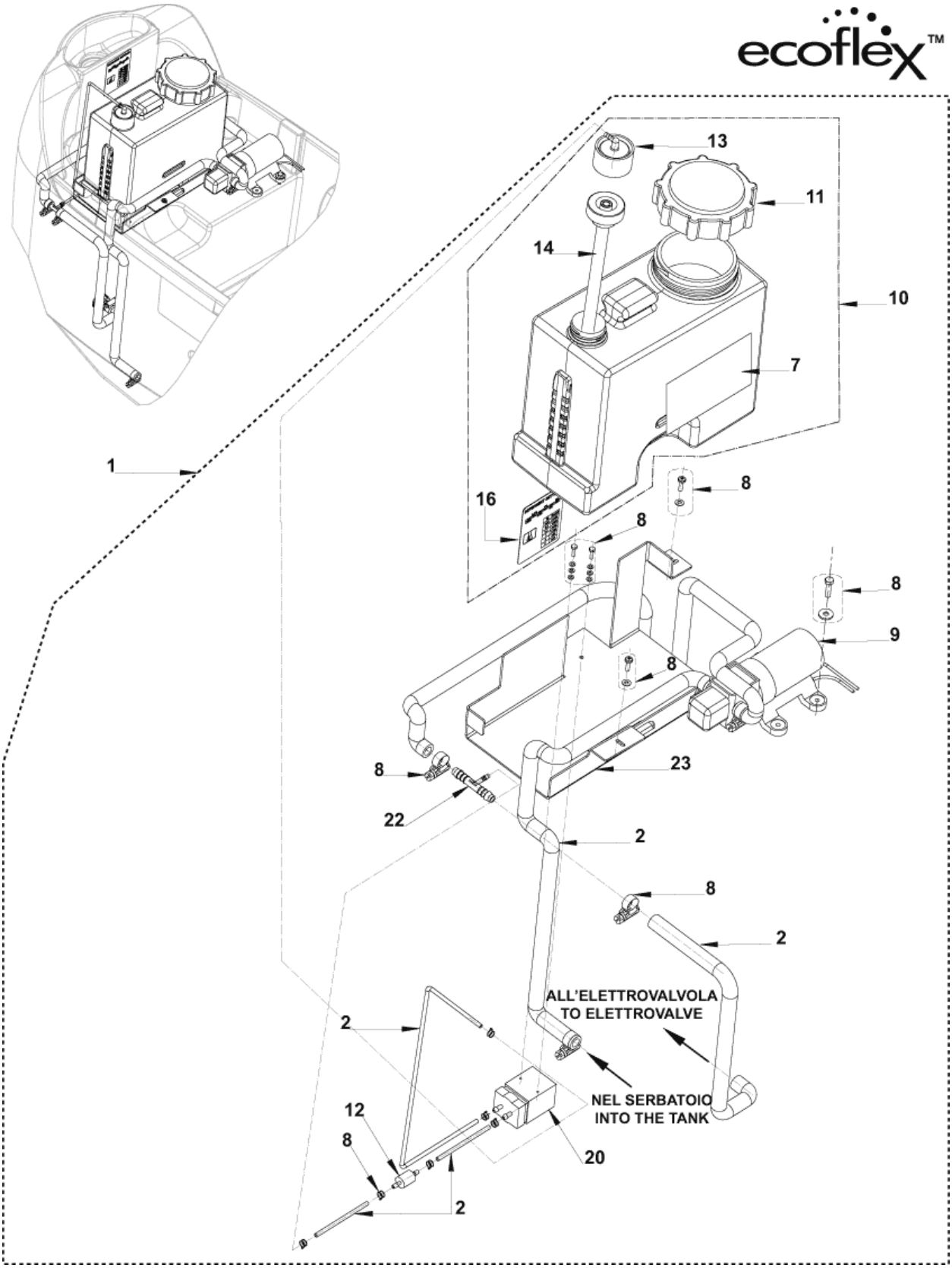


Pos.	Artikelnr	Antal	Beskrivning	Notes
1	909 6739 000	1	Laddare inbyggd kit	[1]
1	9098259000	1	CHARGER BATT. ON BOARD 24V 10A 100V KIT	[2]
2	9100000790	1	ANSL.KABEL.LADDARE EU PLUG L.1000MM PKD	[3]
2	9096914000	1	CABLE EXTENSION	[4]
3	9098260000	1	CHARGER BATT. ON BOARD 24V 10A 100V	[5]

Part Notes:

[1] - EU - OPTIONAL - SEE INST. INSTR. 909 6746 000
[2] - 2020 ACCESSORY PRUNING

JAPAN - OPTIONAL - SEE INST.INSTR. 9098262000
[3] - EU
[4] - US
[5] - JAPAN


ecoflex™
13
11
14
10
7
1
8
16
8
8
9
8
8
23
22
2
8
2
ALL'ELETTROVALVOLA
TO ELETTROVALVE
2
NEL SERBATOIO
INTO THE TANK
12
8
20
2

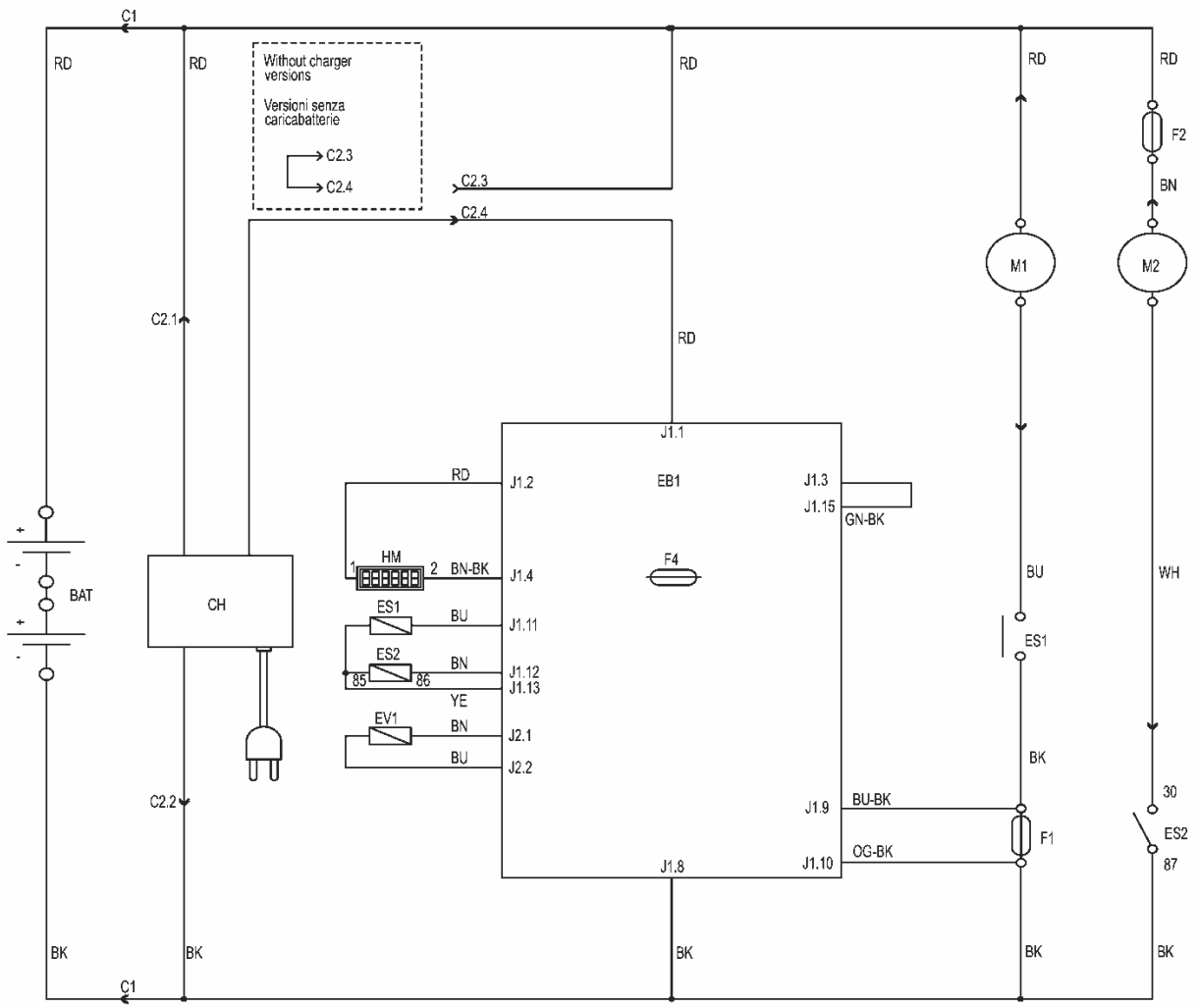
Pos.	Artikelnr	Antal	Beskrivning	Notes
00	909 6187 000	1	HARNESS PUMP	[1]
1	909 6743 000	1	Kit Ecoflex kemdosering	[2]
2	909 6806 000	1	PIPES CHEMICAL MIX KIT	
7	909 6902 000	1	DECAL REWRITABLE 176X111MM	
8	9098264000	1	HARDWARE EDS SYSTEM KIT	
9	56315108	1	PUMP, 24V	
10	909 6903 000	1	EDS DOSERING KOMPLETT	
11	9100001817	1	CAP PLASTIC F DETERGENT SOLU. TANK SIP	
12	56315522	1	CHECK VALVE, 1/8 BARB, 12 5PSI	
13	56315523	1	CAP, DRY BREAK, 1/8 BARB	
14	56315527	1	INSERT, DRY BREAK	
16	909 6592 000	1	DECAL DETERGENT ADJUST.	
20	9100001819	1	KEM PUMP MIX KIT	
22	909 6092 000	1	HOLDER RUBBER T	
23	909 6639 000	1	BRACKET	

Part Notes:

[1] - NOT SHOWN

[2] - PRUNED ACCESSORY-PF 6246

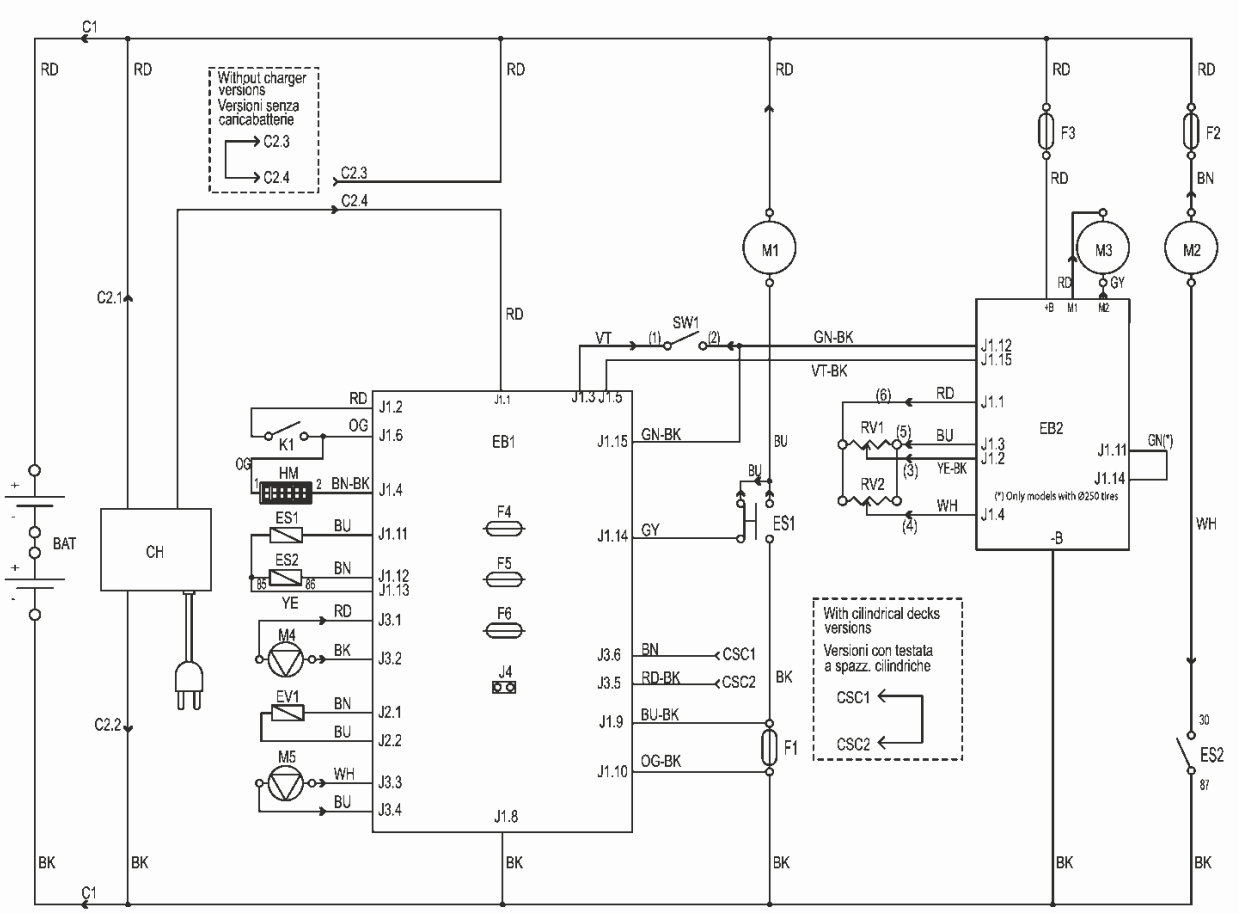
OPTIONAL - SEE INST. INSTR. 9096936000



WIRING DIAGRAM
BA 451 - BA 531
Rev. A
909 6530 000

COMPONENTS / COMPONENTI		
BAT	24V BATTERIES	BATTERIE 24V
C1	BATTERY CONNECTOR	CONNETTORE BATTERIE
C2	CHARGER CONNECTOR	CONNETTORE CARICABATTERIE
CH	BATTERY CHARGER (OPT)	CARICABATTERIE (OPT)
CS	BRUSH DECK CONNECTOR	CONNETTORE TESTATA SPAZZOLE
EB1	CONTROL PANEL BOARD	SCHEDA ELETTRONICA CONTROLLO FUNZIONI
ES1	BRUSH MOTOR ELECTROM. SWITCH	TELERUTTORE MOTORI SPAZZOLE
ES2	VACUUM MOTOR ELECTROM. SWITCH	RELE' ASPIRATORE
EV1	WATER ELECTROVALVE	ELETTROVALVOLA ACQUA
F1	BRUSH DECK FUSE	FUSIBILE TESTATA SPAZZOLE
F2	VACUUM MOTOR FUSE	FUSIBILE ASPIRATORE
F4	LOW POWER CIRCUIT FUSE	FUSIBILE CIRCUITI DI SEGNALE
HM	HOURMETER (OPT)	CONTAORE (OPT)
M1	BRUSH MOTOR	MOTORE SPAZZOLA
M2	VACUUM MOTOR	MOTORE ASPIRATORE

Pos.	Artikelnr	Antal	Beskrivning	Notes



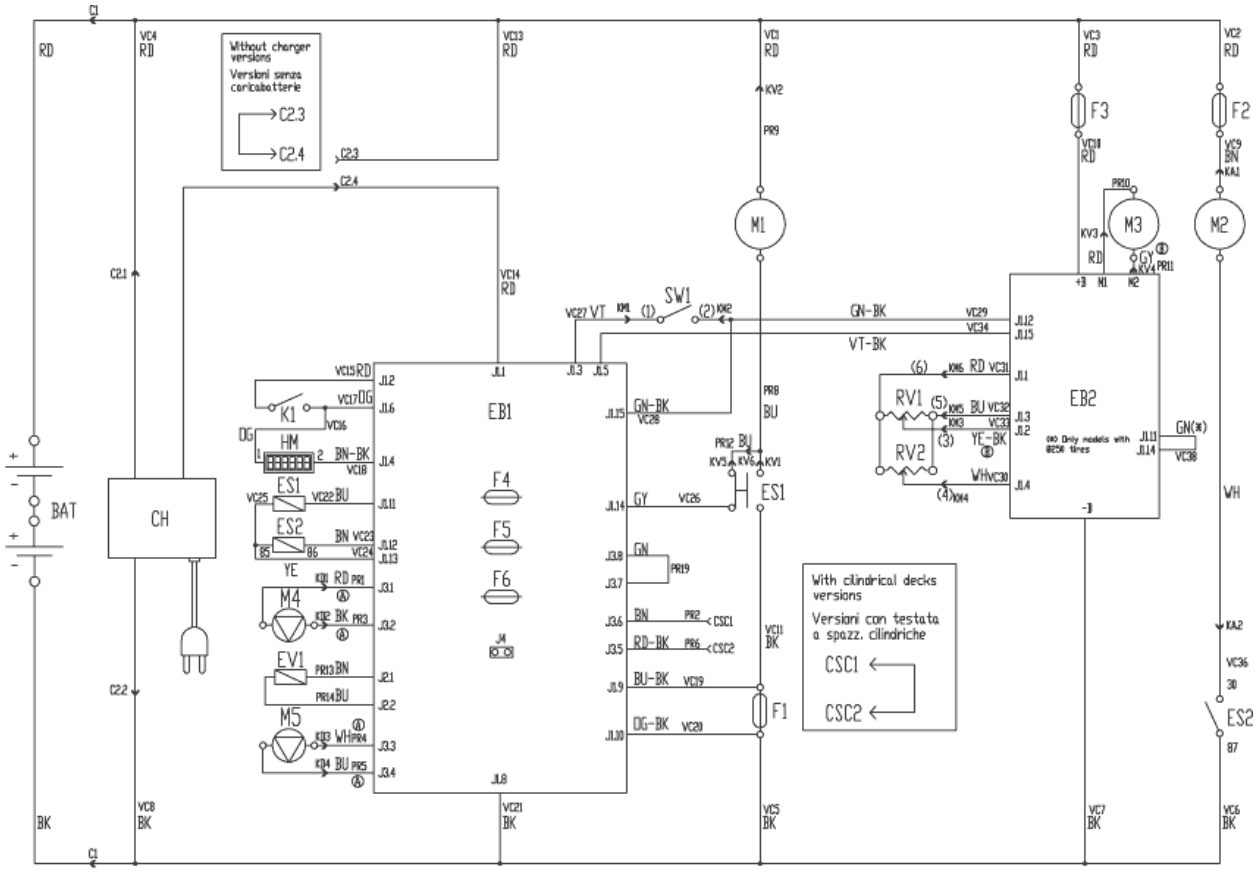
WIRING DIAGRAM - BA 451 D / BA 531 D

Rev. B

909 6529 000

COMPONENTS / COMPONENTI					
BAT	24V BATTERIES	BATTERIE 24V	K1	KEY SWITCH	CHIAVE
C1	BATTERY CONNECTOR	CONNETTORE BATTERIE	M1	BRUSH MOTOR	MOTORE SPAZZOLA
C2	CHARGER CONNECTOR	CONNETTORE CARICABATTERIE	M2	VACUUM MOTOR	MOTORE ASPIRATORE
CH	BATTERY CHARGER (OPT)	CARICABATTERIE (OPT)	M3	DRIVE MOTOR	MOTORE TRAZIONE
CSC	CILINDRICAL DECK SECONDARY CONNECTOR	CONN. SECONDARIO TESTATA SPAZZ. CILINDRICHE	M4	WATER PUMP (OPT)	POMPA ACQUA (OPT)
EB1	CONTROL PANEL BOARD	SCHEDA ELETTRONICA CONTROLLO FUNZIONI	M5	DETERGENT PUMP (OPT)	POMPA DETERGENTE (OPT)
EB2	DRIVE ELECTRONIC BOARD	SCHEDA ELETTRONICA TRAZIONE	RV1	SPEED POTENTIOMETER	POTENZIOMETRO VELOCITA'
ES1	BRUSH MOTOR ELECTROM. SWITCH	TELERUTTORE MOTORI SPAZZOLE	RV2	MAX SPEED POTENTIOMETER	POTENZIOMETRO VELOCITA' MASSIMA
ES2	VACUUM MOTOR ELECTROM. SWITCH	RELE' ASPIRATORE	SW1	BRUSHES / DRIVE MICROSWITCH	MICROINTERR. CONSENSO SPAZZOLE/TRAZIONE
EV1	ELECTROVALVE	ELETTROVALVOLA			
F1	BRUSH DECK FUSE	FUSIBILE TESTATA SPAZZOLE			
F2	VACUUM MOTOR FUSE	FUSIBILE ASPIRATORE			
F3	DRIVE SYSTEM FUSE	FUSIBILE SISTEMA DI TRAZIONE			
F4	LOW POWER CIRCUIT FUSE	FUSIBILE CIRCUITI DI SEGNALE			
F5	BRUSH RELEASE FUSE	FUSIBILE SGANCIO SPAZZOLE			
F6	PUMP FUSE	FUSIBILE POMPE			
HM	HOURMETER (OPT)	CONTAORE (OPT)			

Pos.	Artikelnr	Antal	Beskrivning	Notes



WIRING DIAGRAM - BA 451D / BA 531D

Rev. C

909 6529 000

COMPONENTS / COMPONENTI					
BAT	24V BATTERIES	BATTERIE 24V	K1	KEY SWITCH	CHIAVE
C1	BATTERY CONNECTOR	CONNETTORE BATTERIE	M1	BRUSH MOTOR	MOTORE SPAZZOLA
C2	CHARGER CONNECTOR	CONNETTORE CARICABATTERIE	M2	VACUUM MOTOR	MOTORE ASPIRATORE
CH	BATTERY CHARGER (OPT)	CARICABATTERIE (OPT)	M3	DRIVE MOTOR	MOTORE TRAZIONE
CSC	CILINDRICAL DECK SECONDARY CONNECTOR	CONN. SECONDARIO TESTATA SPAZZ. CILINDRICHE	M4	WATER PUMP (OPT)	POMPA ACQUA (OPT)
EB1	CONTROL PANEL BOARD	SCHEDA ELETTRONICA CONTROLLO FUNZIONI	M5	DETERGENT PUMP (OPT)	POMPA DETERGENTE (OPT)
EB2	DRIVE ELECTRONIC BOARD	SCHEDA ELETTRONICA TRAZIONE	RV1	SPEED POTENTIOMETER	POTENZIOMETRO VELOCITA'
ES1	BRUSH MOTOR ELECTROM. SWITCH	TELERUTTORE MOTORI SPAZZOLE	RV2	MAX SPEED POTENTIOMETER	POTENZIOMETRO VELOCITA' MASSIMA
ES2	VACUUM MOTOR ELECTROM. SWITCH	RELE' ASPIRATORE	SW1	BRUSHES / DRIVE MICROSWITCH	MICROINTERR. CONSENSO SPAZZOLE/TRAZIONE
EV1	ELECTROVALVE	ELETTROVALVOLA			
F1	BRUSH DECK FUSE	FUSIBILE TESTATA SPAZZOLE			
F2	VACUUM MOTOR FUSE	FUSIBILE ASPIRATORE			
F3	DRIVE SYSTEM FUSE	FUSIBILE SISTEMA DI TRAZIONE			
F4	LOW POWER CIRCUIT FUSE	FUSIBILE CIRCUITI DI SEGNALE			
F5	BRUSH RELEASE FUSE	FUSIBILE SGANCIO SPAZZOLE			
F6	PUMP FUSE	FUSIBILE POMPE			
HM	HOURMETER (OPT)	CONTAORE (OPT)			

Pos.	Artikelnr	Antal	Beskrivning	Notes

Pos.	Artikelnr	Antal	Beskrivning	Notes
1	909 6650 000	1	SPONGE FOR WATER	[1]
2	909 6681 000	1	HOSE CLEAN WATER	[1]
3	33023302	1	PLUG FINNED D.32 PLASTIC BLACK SIP	[1]
4	909 6874 000	1	VAJER TANK KIT	[1]
5	9098265000	1	MONT.SET F. RENTVATT.TANK	[1]
6	9099853000	1	SUGSLANG L.1234MM SVART	[1]
7	9100001892	1	TÖMN. SLANG L.1480MM 90 SVART	[1]
8	9100000818	2	CAGE FLOAT HALF 2 PCS SET	[1]
9	9100000817	1	BALL FLOATING SIP	[1]
10		2		[1]
11	1466138000	1	SVART LOCK SMUVA.TANK PPL DE 42X11.5 PKD	[1]
12	909 6877 000	1	HARDWARE MOTOR FIXING KIT	[1]
13	909 6876 000	1	HARDWARE CAGE SUP.FIXING KIT	[2]
14	9099401000	1	MOTOR VACUUM KIT	[1]
15	ZD53501A	1	CARBON BRUSH FOR VAC MOTORS FANG SERIES	[1]
16	909 6491 000	1	PANEL ACOUSTIC INSULATION	[1]
17	9098057000	1	GASKET VACUUM MOTOR	[1]
18	9097555000	1	GASKET VACUUM MOTOR	[1]
19	909 6672 000	1	FILTER	[1]
20	909 6880 000	2	HJUL KIT SCRUBTEC	[3]
22	909 6878 000	1	HARDWARE CHAS.FIXING KIT	[1]
23	909 6880 000	2	HJUL KIT SCRUBTEC	
25	909 6548 000	1	MOTOR DRIVE 200W 24V	[4]
26	145 5124 000	2	KUL F. AW 455 BÖRSTEMOTOR	[4]
27	L08812282	2	CAM CONTROLLER BA450/530	[4]
28	9098300000	1	HARDWARE HANDLE ASSEMBLY	[4]
29	9100001062	1	POTENTIOMETER 5K 40 PKD	[4]
30	9100000792	1	MICROSWITCH 16A 250V SIP	[4]
31	9096994000	1	VALVE ELBOW	[1]
32	9097166000	1	FILTER COMPLETE KIT	[1]
33	9096995000	1	VALVE ELBOW W/PIPES KIT	[1]
34	909 6555 000	1	MAGNETVENTIL 24V	[1]
35	9100000106	1	GUMMIKOPPLING 1/2 HONA	[1]
36	9098777000	1	HOLDER RUBBER 90 GRAD.KIT	[1]

Part Notes:

[1] - BA 451 / BA 451 D / BA 531 / BA 531 D

[2] - BA 451 / BA 451 D / BA 531 / BA 531 D

due to ODM/ECN 2810 should have been considered valid for all

Machine configurations which were using it ONLY Before Serial Number 081813772 (Beginning of May 2008).
GUARANTEE DATE EXPIRED

[3] - BA 451/ BA 531

[4] - BA 451 D / BA 531 D

Resource notes:

POSITIONS 41-42: 909 6483 000 - 909 6484 000 INCLUDED IN THE KIT 909 6860 000

Pos.	Artikelnr	Antal	Beskrivning	Notes
37	909 6055 000	1	STRAP SQUEEGEE FRONT	[1]
38	909 6044 000	1	WELDMENT,SQUEEGEE TOOL	[1]
39	9097637000	1	SQUEEGEE FIXING KIT	[1]
40	9100000791	1	KNOB M8X30 THD STUD SS SIP	[1]
43	909 6851 000	1	Sugskrapa komplett, 730 mm	[1]
44	909 6882 000	1	HARDWARE SQU.BLADE FIXING KIT	[1]
45	909 6883 000	1	STÖDHJUL SKRAPA 2 PACK	[1]
46	9100000279	1	Sugblad 740 mm/29" kit	[1]
47	909 6884 000	1	ROLLER BUMPER SQUEEG. KIT	[1]
48	909 6394 000	1	LATCH SQUEEGEE KIT	[1]
49	909 6885 000	1	HARDWARE SQUEEGEE FIXING KIT	[1]
50	909 6852 000	1	DECK BRUSH 450MM/18 KIT	[2]
51	909 6853 000	1	DECK BRUSH 530MM/21 KIT	[3]
52	909 6043 000	1	DECK BRUSH	[4]
53	909 6042 000	1	BORSTDÄCK	[5]
54	9098308000	1	REDUCTION GEARMOTOR 450W 24V	[6]
55	9098376000	1	CARBON BRUSHES KIT 4 PCS	[6]
56	1467692000	1	PIN SPRING COTTER 3X56 GALV. 2 PCS SET	[6]
57	909 6514 000	1	SPRING GAS	[6]
58	L08601624	1	SLANG F/VATT.REGUL. B54	[1]
59	9100000868	1	VIBRATIONSDÄMPARE M8 60SH 2 PCS SET	[1]
60	9097093000	1	HOLDER POLYGONAL KIT	[1]
61	909 6887 000	1	ROLLER BUMPER KIT	[1]
62	9099419000	1	HARDWARE BRUSH DECK SYST. KIT	[1]
63	9100000174	1	CARD ELECTRONIC FUNCTIONS SIP	[7]
64	9098635000	1	DEKAL KONTROLLPANEL	[7]
65	9100001354	1	TÄNDNINGSLÅS INK NYCKEL	[8]
66	9100000179	1	CARD ELECTRONIC FUNCTIONS SIP	
66	9100000175	1	CARD ELECTRONIC FUNCTIONS SIP	[8]
67	9100001243	1	DECAL CONTROL PANEL ECOFLEX PKD	[8]
68	9100000878	1	FUSE BLADE 3A SIP	[1]
69	9100000173	1	CARD ELECTRONIC TRACTION KIT	[8]
70	9097209000	1	SWITCH ELECTROMAGNETIC 24V	[8]
71	9100002117	1	CONNECTOR 120A RED SIP	[1]
72	909 6622 000	1	RELAY 24V 40A	[1]
73	145 3824 000	1	Säkring 40A	[1]
74	145 8513 000	1	SÄKRING 30A	[1]
75	9098297000	1	INBYGGD LADDARE 24V 13A	[1]

Part Notes:

[1] - BA 451 / BA 451 D / BA 531 / BA 531 D

[2] - BA 451 D
PRUNED ACCESSORY-PF 6246

[3] - BA 531 D

[4] - BA 451/ BA 451 D
STOCK COVERS GUARANTEE

[5] - BA 531/ BA 531 D

[6] - BA 451 D / BA 531 D

[7] - BA 451/ BA 531

[8] - BA 451 D/ BA 531 D

Pos.	Artikelnr	Antal	Beskrivning	Notes
1	909 6743 000	1	Kit Ecoflex kemdosering	[1]
2	909 6806 000	1	PIPES CHEMICAL MIX KIT	[2]
3	56315108	1	PUMP, 24V	[2]
4	909 6903 000	1	EDS DOSERING KOMPLETT	[2]
5	9100001817	1	CAP PLASTIC F DETERGENT SOLU. TANK SIP	[2]
6	56315522	1	CHECK VALVE, 1/8 BARB, 12 5PSI	[2]
7	56315523	1	CAP, DRY BREAK, 1/8 BARB	[2]
8	56315527	1	INSERT, DRY BREAK	[2]
9	9100001819	1	KEM PUMP MIX KIT	[2]
10	909 6092 000	1	HOLDER RUBBER T	[2]
11	909 6847 000	1	DECK BRUSH 450MM/18 KIT W	[3]
12	909 6848 000	1	DECK BRUSH 530MM/21 KIT WITH	[4]
13	9097167000	2	WHEEL FRONT D.200 65SH	[5]
14	909 6738 000	1	KIT F EXTRA BORSTTRYCK	[6]
15	909 6736 000	1	Stänkskydd kit, 530 mm	[7]
16	909 6737 000	1	Stänkskydd BA 451	[8]
17	L08837020	1	Borste Prolene 17,5" Ø450 mm	[8]
18	L08837021	1	Borste Prolite 17,5" Ø450 mm	[9]
19	L08837022	1	Borste Union Mix 18"	[9]
20	L08837023	1	BORSTE MIDLITE 180 18"	[9]
21	L08837024	1	BORSTE MIDGRIT 240 18"	[9]
22	L08837017	1	Rondellhållare 18" (460 mm)	[8]
23	L08837025	1	Borste Prolene 21" Ø530mm	[7]
24	L08837026	1	Borste Prolite 21" Ø530 mm	[7]
25	L08837027	1	Borste Union Mix 21" Ø530 mm	[7]
26	L08837028	1	Borste Midlite Grit 180 21" Ø530 mm	[7]
27	L08837029	1	Borste Mid Grit 240 grå 21" 530mm	[7]
28	L08837065	1	Borste Magna Grit 46 21" Ø530 mm	[7]
29	L08837066	1	Borste Dyna Grit 80 21" Ø530 mm	[7]
30	L08837067	1	Borste Aglite Grit 500 21" Ø530 mm	[7]
31	L08837018	1	Rondellhallare 21" (530 mm)	[7]
32	9097032000	2	Drivhjul oljeresistenta Ø200 SCRUBTEC 5	[2]
33	L08603878	1	SUGSKRAPA KOMPLETT	[10]
34	909 6858 000	1	Sugskrapeblad kit polyurethan 29" 740mm	[10]
35	909 6739 000	1	Laddare inbyggd kit	[10]
36	9097290000	1	Påfyllningsslang	[10]
37	9100001353	1	FILTER SOLUTION TANK	[10]
38	9096951000	1	Tidräknare 24 V	[10]
39	909 6734 000	1	RUBBER BAND HOLDER KIT	[10]
40	909 5065 000	1	Filter for flottor, skumdaempande	[10]
41	9098343000	1	EXTRA BLAD TILL SUGRAMP	[10]
42	9098853000	1	ELBOW 90 SUCT.HOSE KIT RA L7001	[11]

Part Notes:

[1] - BA 451 D / BA 531 D
PRUNED ACCESSORY-PF 6246

[2] - BA 451 D / BA 531 D

[3] - BA 451
PRUNED ACCESSORY-PF 6246

[4] - BA 531
NO LONGER AVAILABLE

[5] - BA 451 / BA 531
ITEM NO LONGER AVAILABLE

[6] - BA 451 / BA 531

[7] - BA 531 / BA 531 D

[8] - BA 451 / BA 451 D

[9] - BA 451 / BA 451 D
COMPLEXITY REDUCTION

[10] - BA 451 / BA 451 D / BA 531 / BA 531 D

[11] - TSB IT 2010-061. Squeegee hose elbow

© 2022 - Nilfisk A/S