Spare Parts List

(1.012-533.0)

NuWave

From Serial Number (Ref No. 1*)
* See Serial Number page
or call manufacturer.

86400830-A 07/07/15

The PARTS LIST section contains assembled parts illustrations and corresponding parts list. The parts lists include a number of columns of information:

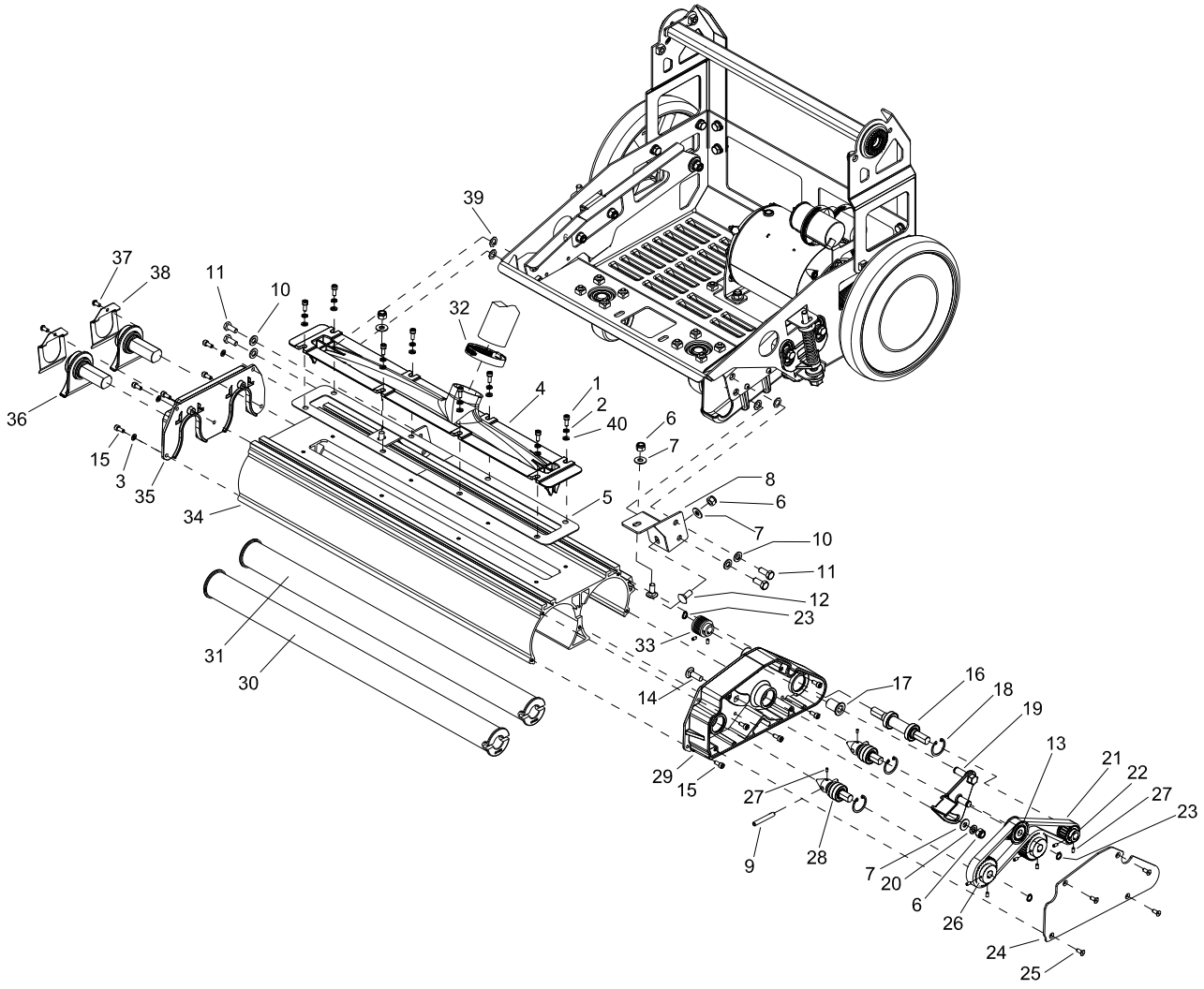
- REF - column refers to the reference number on the parts illustration.
- PART NO. - column lists the part number for the part.
- QTY - column lists the quantity of the part used in that area of the machine.
- DESCRIPTION - column is a brief description of the part.
- SERIAL NO. FROM - If this column has an (*) and a Reference number, see the SERIAL NUMBERS page in the back of your manual. If column has two asterisk (**), call manufacturer for serial number. The serial number indicates the first machine the part number is applicable to. The main illustration shows the most current design of the machine. When a boxed illustration is shown, it displays the older design.
- NOTES - column for information not noted by the other columns.

NOTE: *If a service or option kit is installed on your machine, be sure to keep the KIT INSTRUCTIONS which came with the kit. It contains replacement parts numbers needed for ordering future parts.*

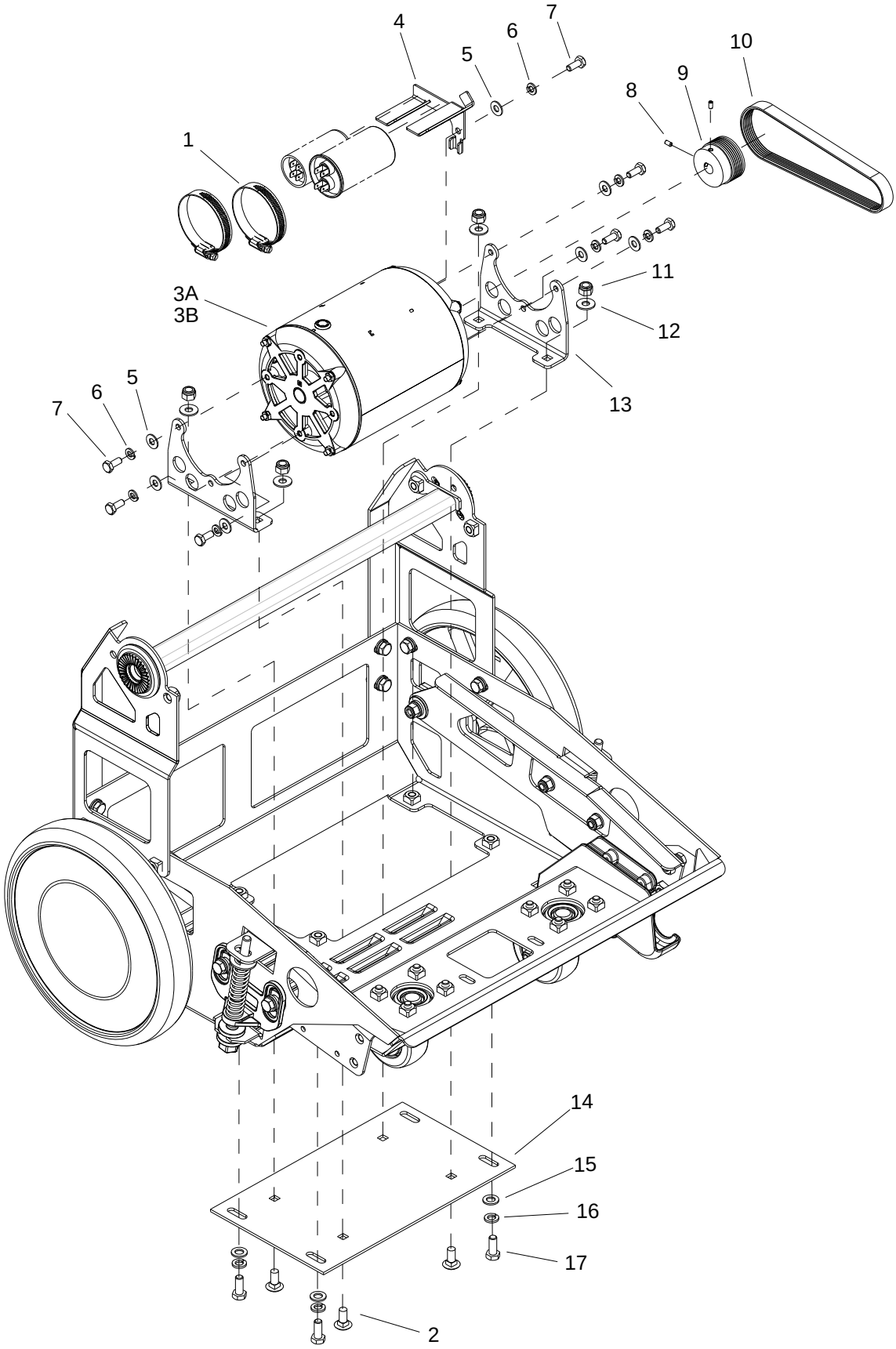
How to Use this Spare Parts List 2
Table of Contents 3
Brush Deck 4
Brush Motor 6
Control Panel 8
Cover 10
Decal 12
Frame 14
Handle 16
Housing 18
Vacuum 20
Wiring Diagram - 120V 22
Wiring Diagram - 230V 24

Options

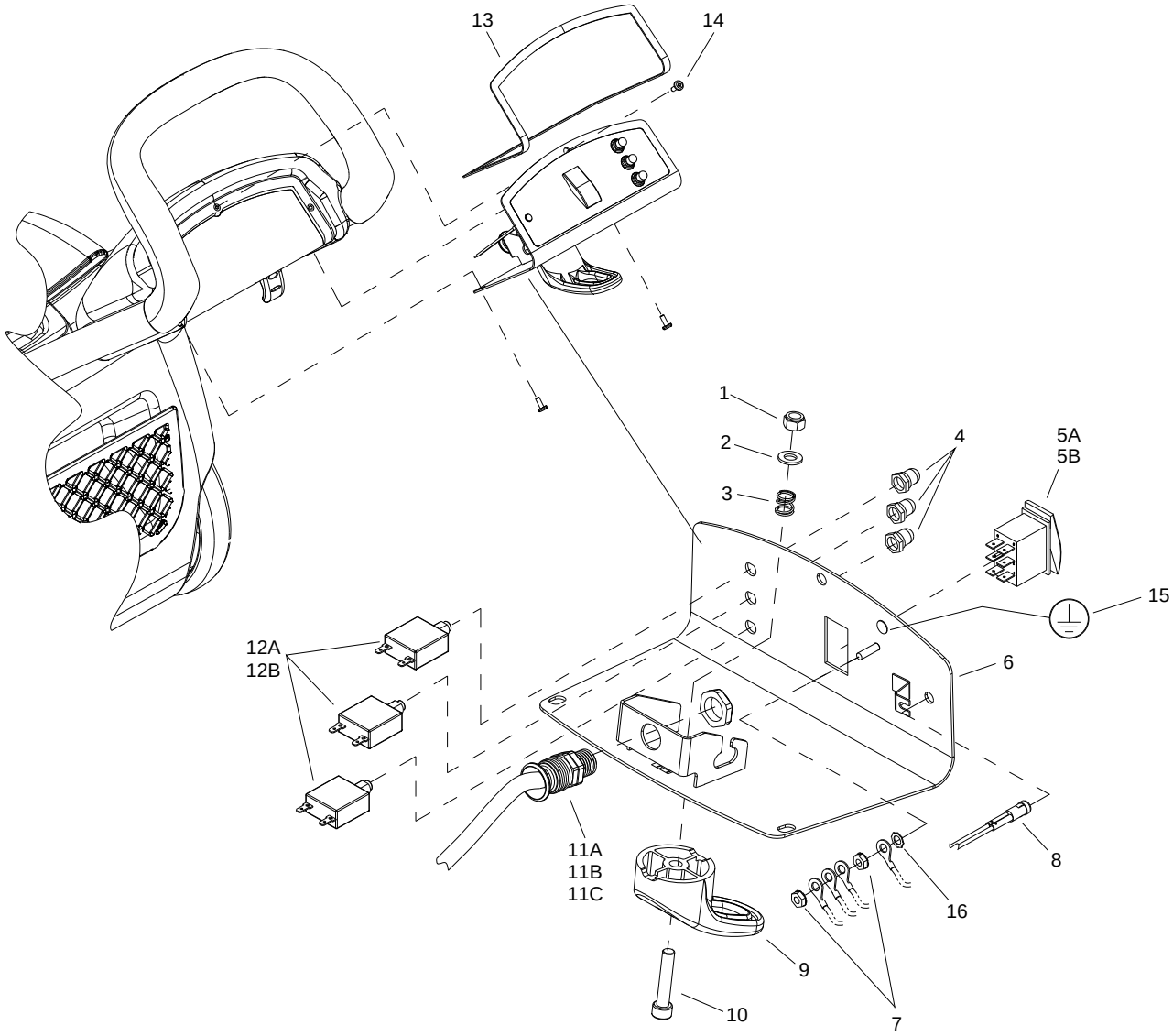
Holster 28


39
37
38
11
10
32
36
4
1
2
40
6
7
15
3
35
34
5
8
6
7
10
11
12
23
33
31
30
14
17
16
18
19
13
21
22
27
23
29
15
27
9
28
7
20
6
26
24
25

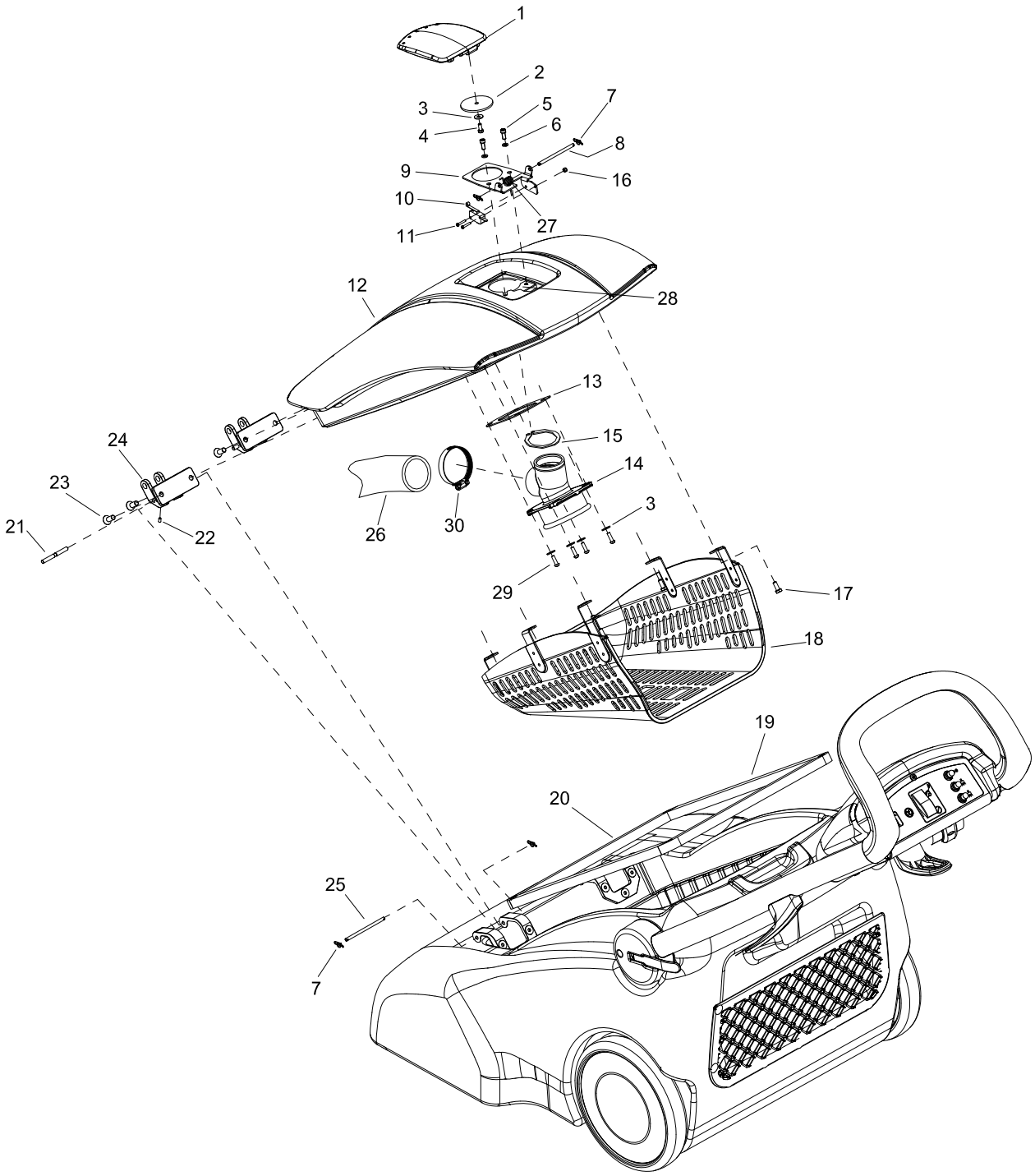
REF	PART NO.	QTY	DESCRIPTION	SERIAL NO. FROM	NOTES
1	86293390	8	SCR, M5 X .8 X 15 SHCS GR 10.9 BLK		
2	86137300	8	WASHER, M8 FLAT DIN125A PLT		
3	86173350	5	WASHER, M5, FLAT, ISO7089, SS		
4	86290110	1	NOZZLE, VACUUM, DECK		
5	86218140	2	GASKET, VAC NOZZLE		
6	86270830	5	NUT, 5/16-18 HEX NYLOCK SS		
7	86010670	5	WASHER, 5/16 FLAT SS		
8	86292460	2	WELMENT, DECK LEVELING BRKT		
9	86224170	2	SHAFT, 6.2MM BRUSH DRIVE		
10	86010720	4	WASHER, M10 X 30 PLTD		
11	86295960	4	SCR, M10 X 20 HHMS GR 8.8 PLT		
12	86293380	4	SCR, 5/16-18 X 3/4 CARR GR 10.9		
13	86012780	1	PULLEY ASM, 5MM HTD 22T		
14	86277130	1	SCR, 5/16 X 1.00 CARRAGE SS		
15	86293400	10	SCR, M5X12 SHCS GR 10.9 PLT		
16	86293200	1	ASSY, JACK SHAFT DRIVE		
17	86215230	1	BEARING, BRONZE FLANGED		
18	86223520	3	RING, 28MM INT SNAP PHOSPHATE		
19	86215530	1	BRACKET, BELT TENSIONER		
20	86279130	1	WASHER, 5/16 SPLIT LOCK PLTD		
21	86215310	1	BELT, TIMING, 5MM X 15MM X 575		
22	86223310	1	PULLEY, 5MM HTD, 18T, 12.7ID		
23	86223490	2	RING, 10MM EXT SNAP, DIN 471		
24	86222890	1	PLATE, BRUSH DRIVE COVER		
25	86172970	4	SCR, M5X12, PHLP PHMS, ISO 7046, SS		
26	86223320	2	PULLEY, 32T, 5MM HTD		
27	86223780	10	SCR, M4X8, SET, ISO4029, CP, BLK		
28	86012790	2	ASSY, BRSH END CAP SHFT		
29	86219400	1	HOUSING, BRUSH DRIVE		
30	86216120	1	BRUSH, 25.5 X 4.0 OD, FRONT		
31	86216110	1	BRUSH, 25.5 X 4.0 OD, REAR		
32	86216750	1	CLAMP, WORM GEAR 40-64MM		
33	86291140	1	PULLEY, MICRO-V, 1.125 OD		
34	86217810	1	EXTRUSION, DUAL BRUSH DECK		
35	86219410	1	HOUSING, BRUSH RELEASE CLIP		
36	86293230	2	ASSY, BRSH END CAP SHFT		
37	86172980	2	SCR, KA50X10, PT OHS, WN1412, PLTD		
38	86224630	2	SPRING, BRUSH CLIP		
39	86295970	4	WASHER, M10 EXT STAR LOCK		
40	86173330	8	WASHER, M5 FLAT, ISO7093, SS		


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

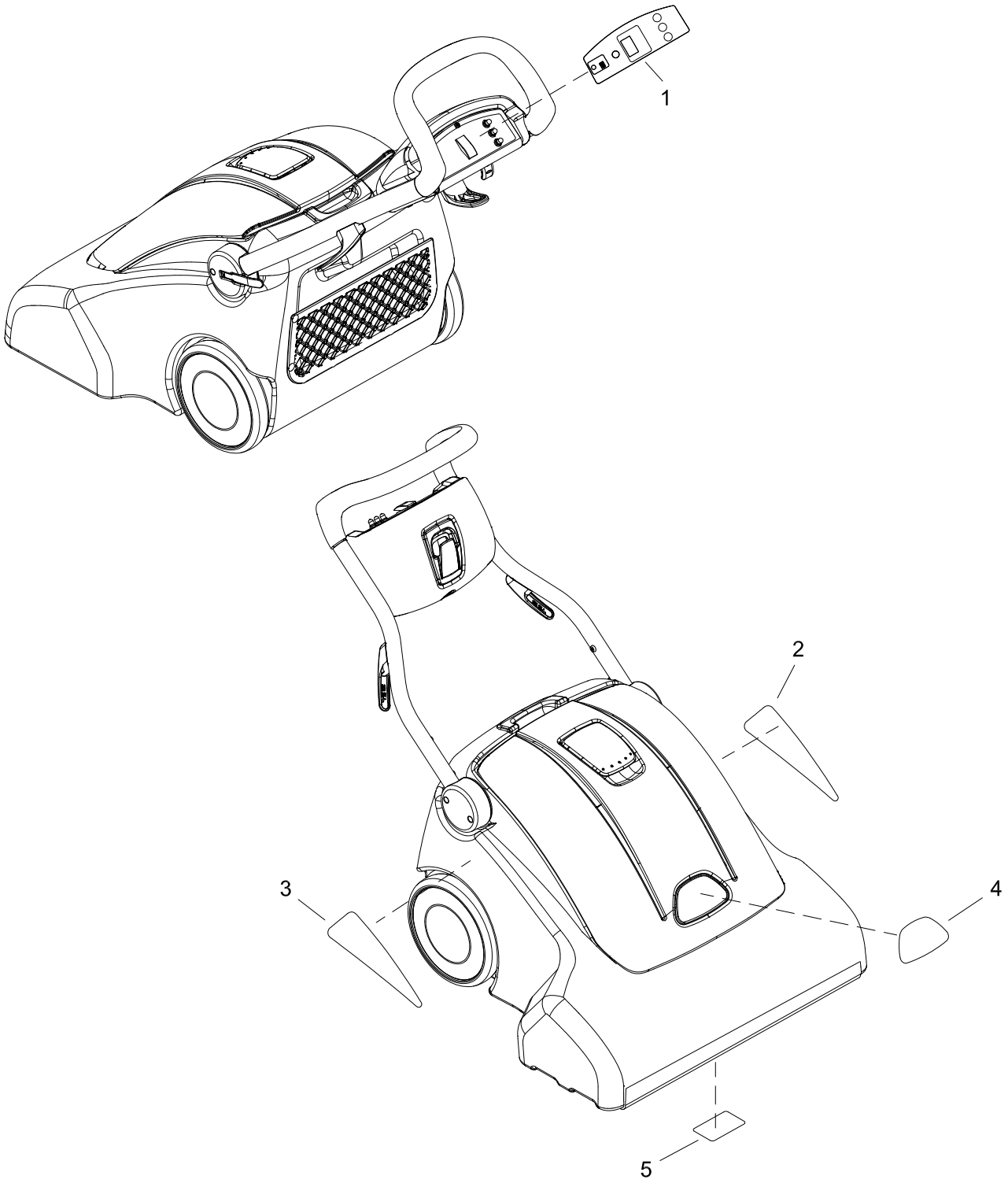
REF	PART NO.	QTY	DESCRIPTION	SERIAL NO. FROM	NOTES
1	86216750	2	CLAMP, WORM GEAR 40-64MM		
2	86293380	4	SCR, 5/16-18 X 3/4, CARR GR 10.9		
3A	86222120	1	MOTOR, 115V, 0.5HP, INDUCTION		INCLUDES #18, 19 CAPACITORS
3B	86222150	1	MOTOR, 230V, .5HP, INDUCTION		INCLUDES #20, 21 CAPACITORS
4	86012580	1	BRACKET, CAPACITOR, MOTOR MNT		
5	86010630	7	WASHER, 1/4 ID X 5/8 OD SS		
6	86173340	7	WASHER, SPLIT LOCK, ¼, SS		
7	86293270	7	SCR, 1/4-20 X 5/8 HHCS 10.9		
8	86223780	2	SCR, M4X8, ISO4029, CP, BLK		
9	86291150	1	PULLEY, MICRO-V, 1.80 OD		
10	86291380	1	BELT, 290J6, MICRO-V		
11	86270830	4	NUT, 5/16-18 HEX NYLOCK SS		
12	86010670	4	WASHER, 5/16 FLAT SS		
13	86215550	2	BRACKET, MOTOR MOUNT		
14	86222900	1	PLATE, MOTOR BASE		
15	86137280	4	WASHER, M8 FLAT DIN125A PLT		
16	86279130	4	WASHER, 5/16 SPLT STL ZNPLT		
17	86274860	4	SCR, M8X20 HHMS		
18	86332820	-	RUN CAPACITOR 25 UF		
19	86332830	-	START CAPACITOR 150 UF		
20	86332870	-	RUN CAPACITOR 6 UF		
21	86332880	-	START CAPACITOR 50 UF		


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

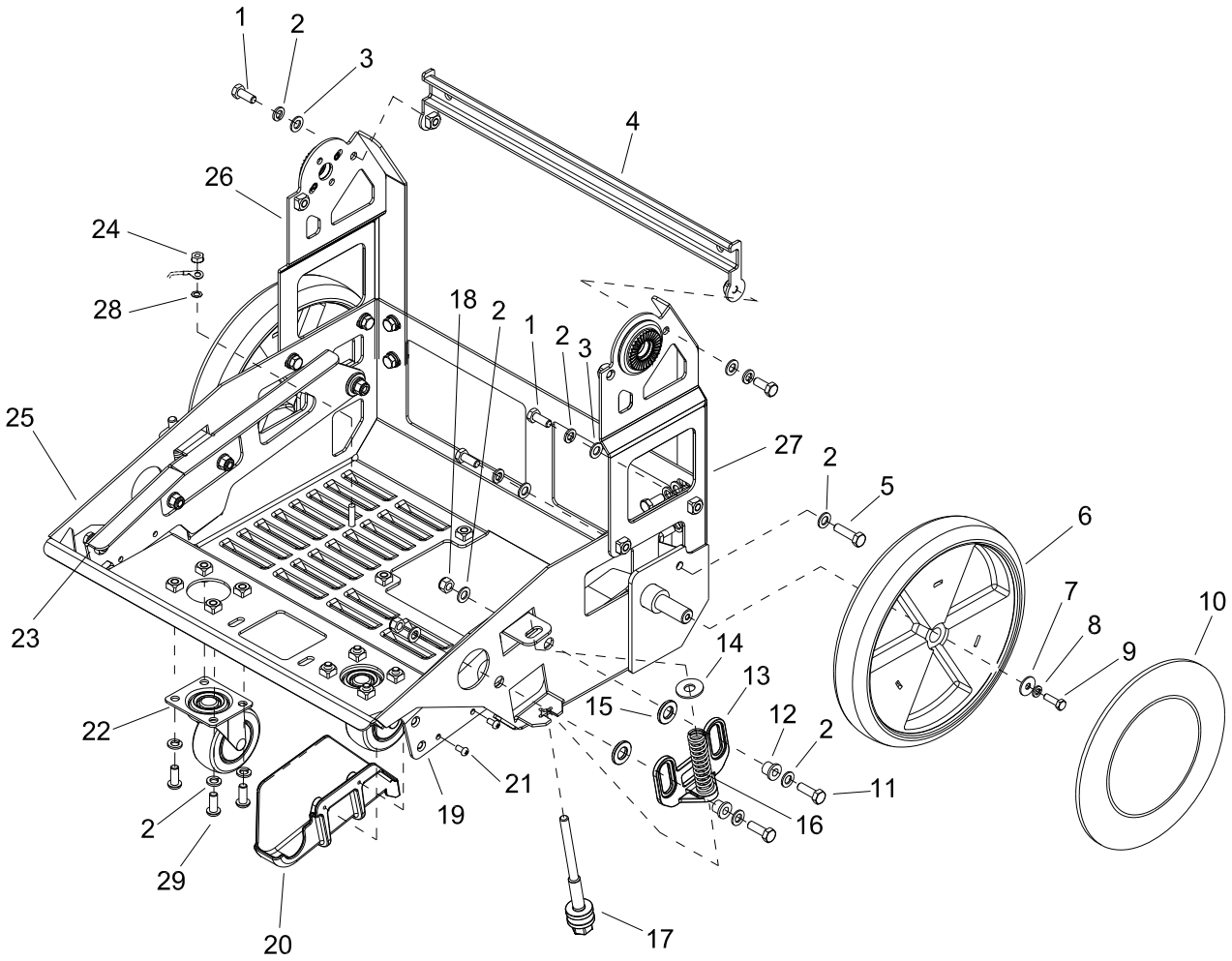
REF	PART NO.	QTY	DESCRIPTION	SERIAL NO. FROM	NOTES
1	86172640	1	NUT, M8, NYLOCK, ISO7040, SST		
2	86173300	1	WASHER, M8, FLAT ISO7089, SST		
3	86224730	1	SPRING, COMP, 12MM OD X 12.7MM		
4	86215410	3	BOOT, CIRCUIT BREAKER MP/MB		
5A	86348660	1	SWITCH, 2 POSN, BRUSH		230V ONLY
5B	86007130	1	SWITCH DPDT 2-POSITION ROCKER		120V ONLY
6	86225960	1	WELDMENT, ELECTICAL PANEL		
7	86005700	2	NUT, 10-32 W/STAR		
8	86221820	1	LIGHT, INDICATOR, RED, 120VAC		
9	86335610	1	HOOK, UPPER, CORD		
10	86223830	1	SCR, M8X40, SHCS, ISO 4762, SST		
11A	86217150	1	CORD ASM, 14/3 SJT X 75' YLW		
11B	86217160	1	CORD ASM, EURO 1.5 MM X 75 BLK		
11C	86217170	1	CORD ASM, AUST 1.5MM X 75 BLK		
12A	86215670	3	BREAKER, 8A VDE CIRCUIT		120V ONLY
12B	86215710	3	BREAKER, 5A VDE CIRCUIT		230V ONLY
13	86218290	4	GASKET, CONSOLE, HANDLE		
14	86276820	3	SCR, 10-32 X 1/2 PTHMS BLK NP		
15	86299320	1	LABEL, GROUND SYMBOL		230V ONLY
16	86010640	1	WASHER, #10 LOCK EXT STAR SS		


1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
3
7

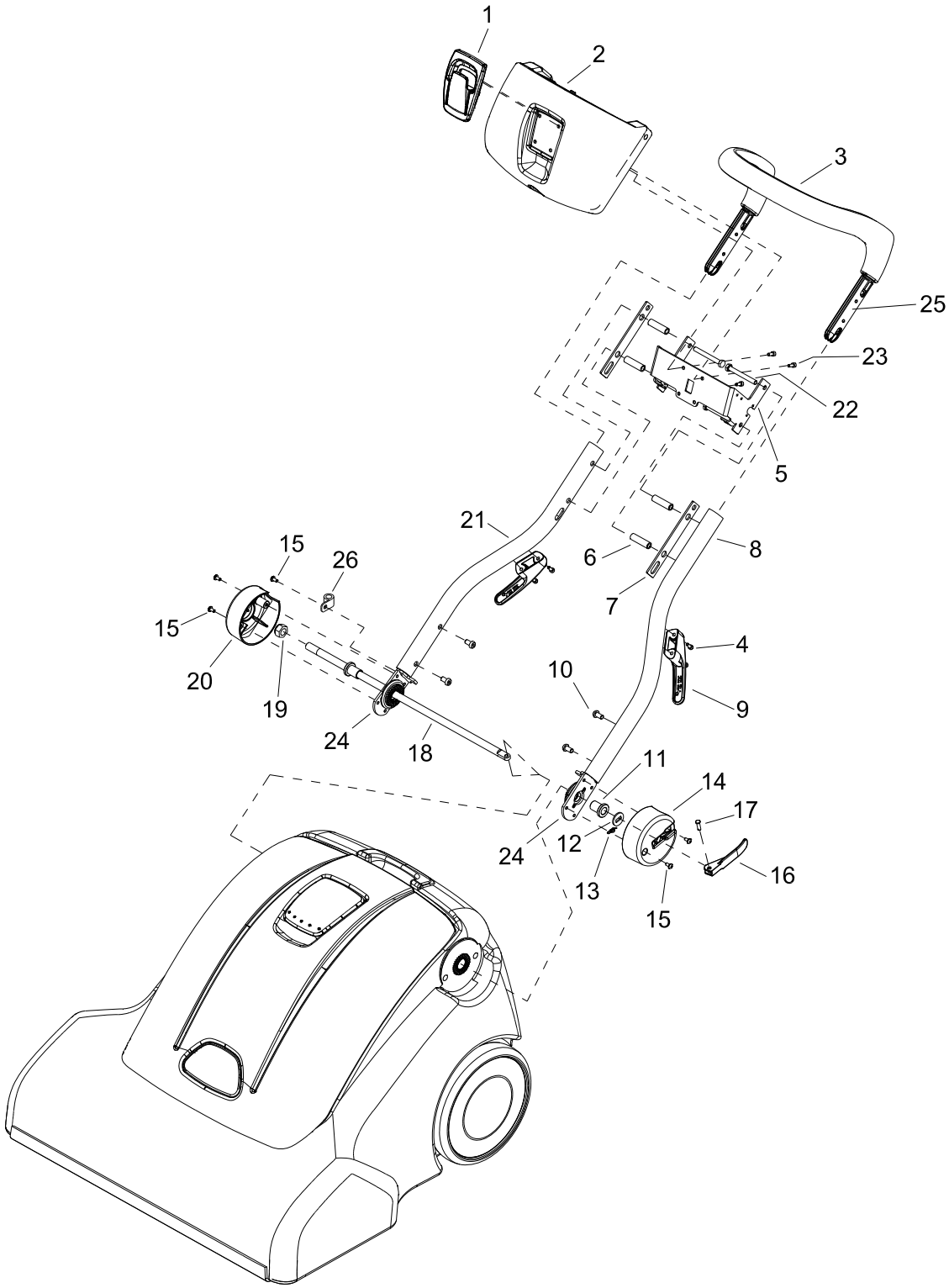
REF	PART NO.	QTY	DESCRIPTION	SERIAL NO. FROM	NOTES
1	86335620	1	COVER, ACCESSORY PORT, YLW		
2	86218300	1	GASKET, ACCESSORY PORT COVER		
3	86173330	5	WASHER, M5, FLAT, ISO7093, SS		
4	86293360	1	SCR, M5X12 GR 8.8, PLT		
5	86293390	2	SCR, M5X15 SHCS, GR 10.9 BLK		
6	86173350	2	WASHER, M5, FLAT, ISO7089, SS		
7	86008650	6	COTTER, 1/4" RING		
8	86222620	1	PIN, 5MM DIA X 85MM L		
9	86216030	1	BRKT, ACCESSORY PORT HINGE		
10	86225080	1	SWITCH, 125 VAC SP NC ROLLER		
11	86173110	2	SCR, M3X16, BSHCS, ISO7380, SST		
12	86299990	1	LID, NUWAV, TRIMMED, BLK		
13	86218200	1	GASKET, FITTING ACCESSORY PORT		
14	86217880	1	FITTING, ACCESSORY PORT		
15	86311920	1	SNAP RING, 50MM ID, BLACK		
16	86295530	1	NUT, HEX, M3, PLT		
17	86274340	6	SCR, M6 X 16 PH		
18	86215160	1	BASKET, FILTER BAG MOLDED		
19	86238080	2	GASKET, 1 W X 5/8 FOAM, M		
20	86238070	2	GASKET, 1 W X 5/8 FOAM, F		
21	86222640	2	PIN, 6 MM DIA X 60 MM LG		
22	86223780	2	SCR, M4X8, SET, ISO4029, CP, BLK		
23	86293420	4	SCR, M8X20 FHCS BR 10.9 BLK		
24	86218930	2	HINGE, LID		
25	86222630	2	PIN, 6MM DIA X 95 MM LG		
26	86219120	1	HOSE, 2.0 ID X 15.75L, 3.5:1		
27	86224770	1	SPRING, TORSION		
28	86222960	1	PLATE, ACCESSORY PORT		
29	86014530	4	SCR, KA50X16, PT, WN1412,PL		
30	86216750	1	CLAMP, WORM GEAR 40-64MM		
-	86215090	-	BAG, PAPER WIDE AREA VAC		NOT SHOWN


1
2
3
4
5

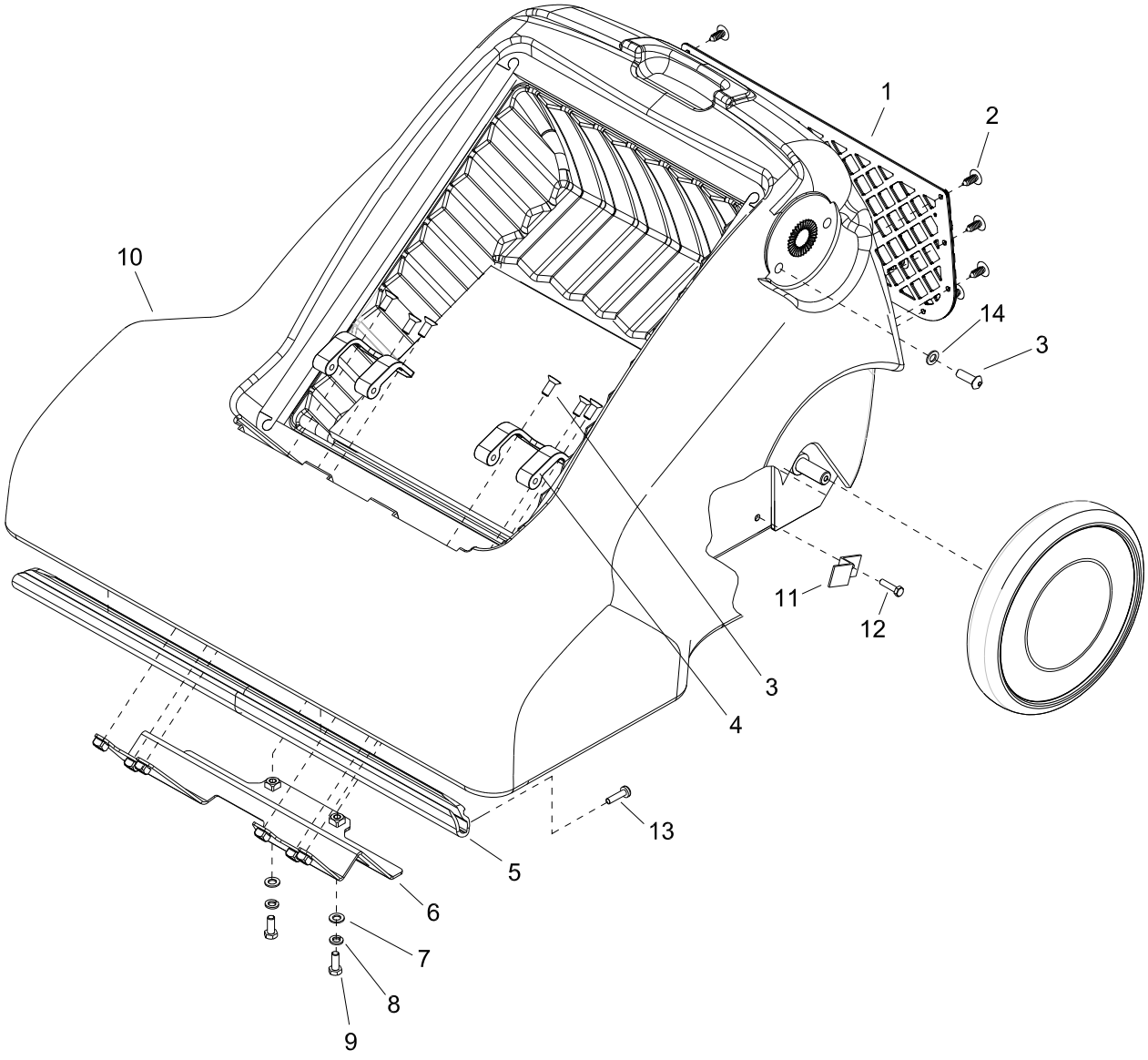
REF	PART NO.	QTY	DESCRIPTION	SERIAL NO. FROM	NOTES:
1	86396530	1	LABEL, CONTROL PANEL VACUUM		
2	86396540	1	LABEL, NUWAVE RT		
3	86396550	1	LABEL, NUWAVE LT		
4	86395400	1	LABEL, WINDSOR LOGO DOMED		
5	86012590	1	LABEL, BRUSH INSTALLATION		


1
2
3
4
26
24
28
18
2
1
2
3
25
27
2
5
6
7
8
9
10
23
14
13
15
12
2
22
21
11
2
19
16
29
20
17

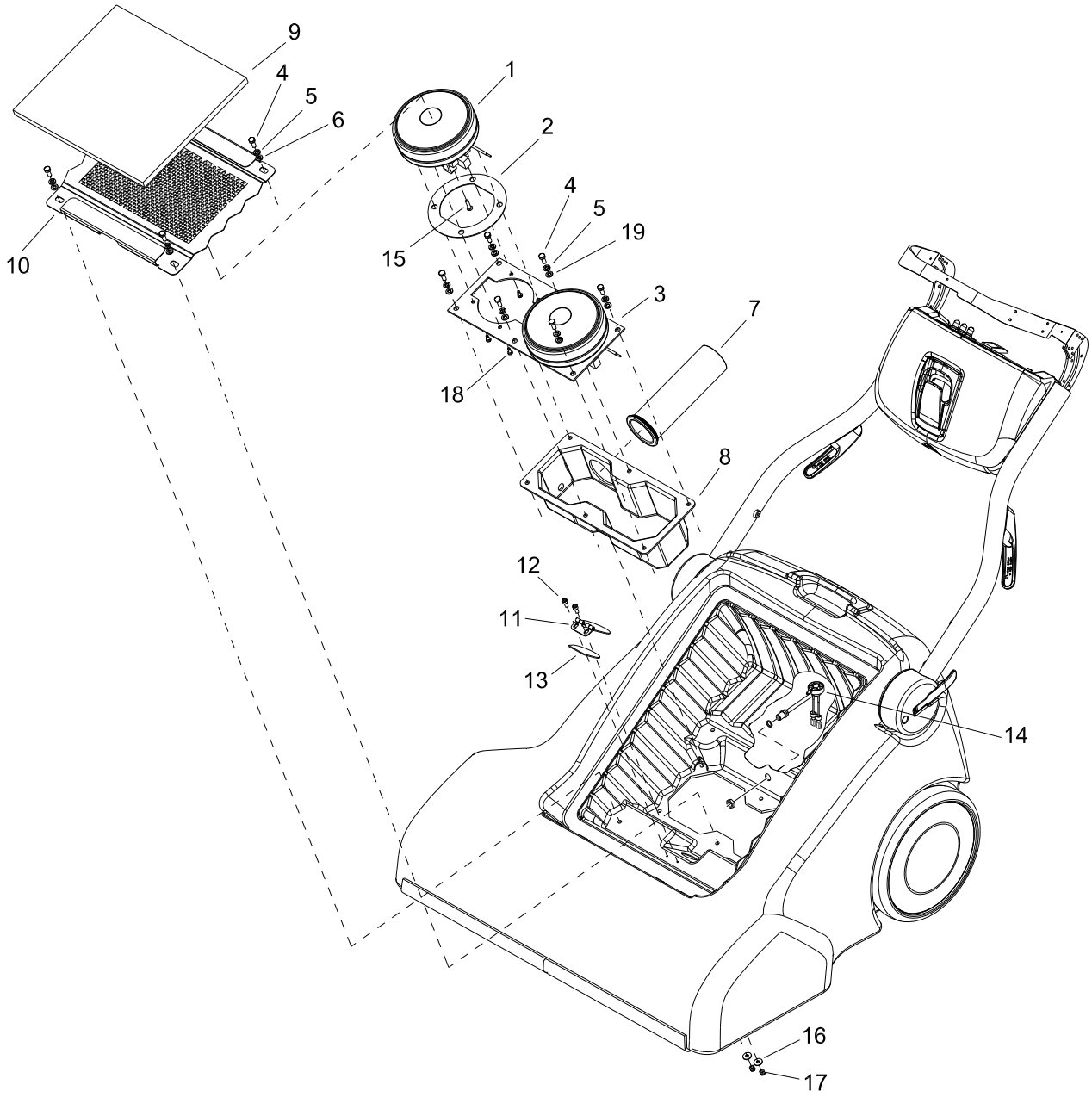
REF	PART NO.	QTY	DESCRIPTION	SERIAL NO. FROM	NOTES
1	86274860	10	SCR. M8X20 HHMS		
2	86279130	18	WASHER, 5/16 SPLT STL ZNPLT		
3	86137280	22	WASHER, M8 FLAT DIN125A PLT		
4	86295660	1	WELDMENT, HANDLE BRACE		
5	86295780	2	M8X40 HHCS GR 8.8 PLT		
6	86226050	2	WHEEL, 9.75" X 1.5”		
7	86225730	2	WASHER, M6 (20.5 ODX1.6T) PLT		
8	86173310	2	WASHER, SPRING LK, M6, DIN127B, SST		
9	86293430	2	SCR, M6 X 16 HHMS GR 10.9 PLT		
10	86300070	2	HUBCAP, 9.75" WHEEL, BLACK		
11	86293440	4	SCR, M8X25 HHCS BR 8.8 PLT		
12	86228840	6	BEARING, FLANGED .314IDX.502OD		
13	86215890	2	BRKT, SPRING ADJUST		
14	86010720	2	WASHER, M10 X 30 PLTD		
15	86259400	8	WASHER, THRUST .51 ID X 1 ODBRO		
16	86224690	2	SPRING, .718OD X 3.41L X .091W		
17	86223810	2	SCR, ADJUSTMENT DECK SPRING		
18	86196610	6	NUT, M8 HEX NYLOCK		
19	86216020	1	BRKT, DECK LINGAGE, LEFT		
20	86218430	1	GUARD, BELT BRUSH DRIVE		
21	86172980	2	SCR, KA50X10, PT OHS, WN1412, PLTD		
22	86343450	2	SWIVEL CASTER, 3.7”		
23	86216010	1	BRKT, DECK LINKAGE, RIGHT		
24	86005700	1	NUT, 10-32 W/STAR		
25	86217980	1	FRAME, WELDMENT		
26	86225970	1	WELDMENT, HANDLE BRKT, RIGHT		
27	86225980	1	WELDMENT, HANDLE BRKT, LEFT		
28	86010640	1	WASHER, #10 EXT STAR LOCK SS		
29	86277530	8	SCR, M8X1.25 X 20 LG BSHCS SS		


1
2
3
25
23
22
5
21
15
26
6
8
7
15
4
20
19
10
9
24
18
11
14
17
24
12
16
13
15

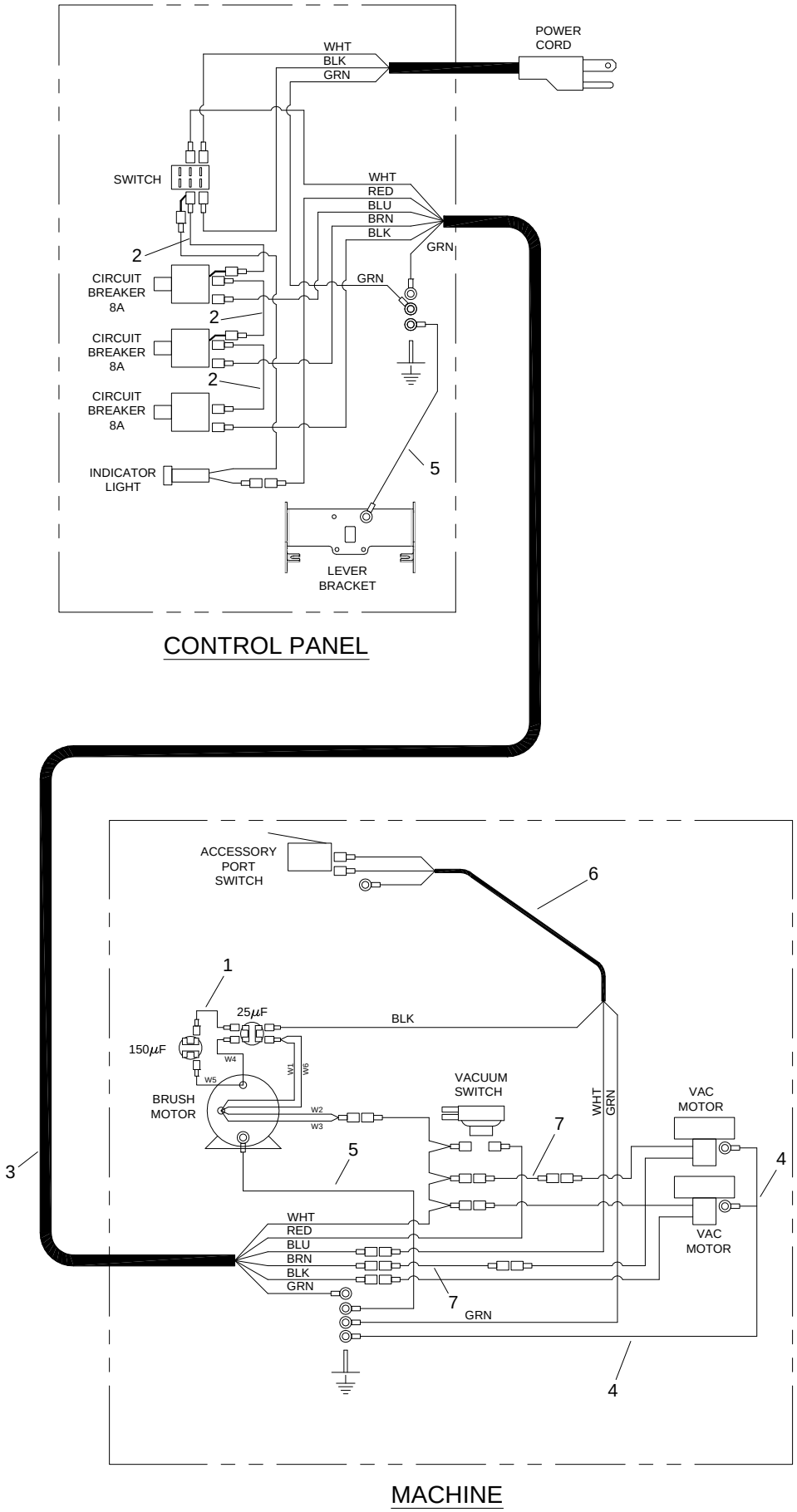
REF	PART NO.	QTY	DESCRIPTION	SERIAL NO. FROM	NOTES:
1	86218970	1	HOOK, CORD, CONSOLE		
2	86300240	1	CONSOLE, NUWAV, TRIM, BLK		
3	86218600	1	HANDLE, MAIN, MOLDED GRIP		
4	86293400	4	SCR, M5X12 SHCS GR 10.9 PLT		
5	86215630	1	BRACKET, LEVER, CONSOLE		
6	86224540	4	SPACER, 8.5 ID X 45L		
7	86218190	2	GASKET, CONSOLE, TUBE		
8	86218720	1	HANDLE, EXTRUSION, LEFT		
9	86218950	2	HOOK, LOWER, CORD		
10	86293410	4	SCR, M8X15 BHCS GR 8.8 PLT		
11	86216460	2	BUSHING, AXLE, LEVER		
12	86225860	1	WASHER, LEVER, CAM HANDLE		
13	86008650	1	COTTER, 1/4" RING		
14	86335590	1	COVER, HANDLE HUB, LEFT YLW		
15	86173020	5	SCR, M5 X 10, PPHMS, ISO7045, SS		
16	86221770	1	LEVER, CAM HANDLE		
17	86292910	1	PIN, COTTER, LEVER, 6MM		
18	86224180	1	AXLE, PIVOT, HANDLE		
19	86294660	1	NUT, M14 X 2.0 LOCK, ISO7040, DIN985		
20	86216560	1	CAP, END, HANDLE, RIGHT		
21	8621570	1	HANDLE, EXTRUSION, RIGHT		
22	86293370	4	SCR, M8 X 70, HHCS, GR 10.9 PLT		
23	86293390	4	SCR, M5 X 15 SHCS GR 10.9 BLK		
24	86225990	2	WLDMNT, MNTG PLATE, HANDLE		
25	86224500	4	SPACER, HANDLE EXTRUSION		
26	86198450	1	CLAMP, 5/16 DIA NYLON		


1
2
10
14
3
3
11
12
4
13
5
6
7
8
9

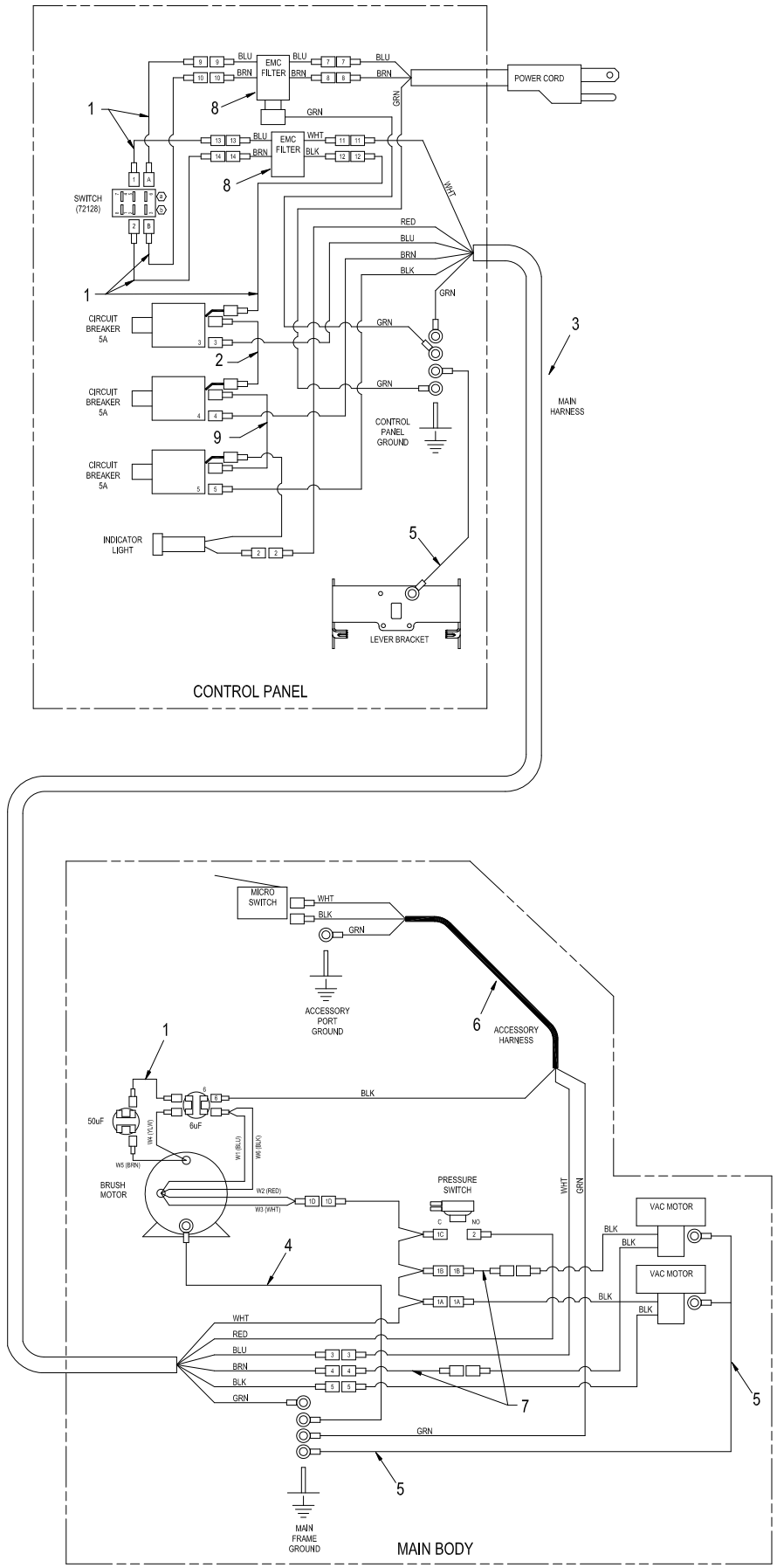
REF	PART NO.	QTY	DESCRIPTION	SERIAL NO. FROM	NOTES
1	86222230	1	NET, CARGO, MOLDED		
2	86292430	11	CLIP, TREE, FASTENER		
3	86297590	6	SCR, M8X25 FHCS, BLK		
4	86218940	2	HINGE, BODY		
5	86291240	1	RAIL, GLIDE, EXTRUDED		
6	86215900	1	BRKT, BODY/HINGE MOUNT		
7	86137280	4	WASHER, M8 FLAT DIN125A PLT		
8	86279130	2	WASHER, 5/16 SPLT STL ZNPLT		
9	86274860	2	SCR,M8X20 HHMS		
10	86335570	1	VACUUM BODY, TRIM		
11	86295940	2	BRACKET, CLIP, ROTOMOLD		
12	86223680	2	SCR, M5X.8X10 PHMS BLK		
13	86369510	2	SCREW, KA50X13, PT, OHS, STL, ZNPLTD		
14	86303870	2	SCR, M8 X 20, BHCS, BLK		


9
4
5
6
10
1
2
4
5
19
15
3
7
18
8
12
11
13
14
16
17

REF	PART NO.	QTY	DESCRIPTION	SERIAL NO. FROM	NOTES
1A	86225510	2	VAC MOTOR, 120V 5.7 1ST TF		120V ONLY
1B	86225520	2	VAC MOTOR, 230V 5.7 1ST TF		230V ONLY
2	86218310	2	GASKET, 5.50OD X 3.85ID X .06		
3	86223070	1	PLATE, MOUNT, VAC MOTOR		
4	86293430	10	SCR, M6X16 HHMS GR 10.9 PLT		
5	86173310	10	WASHER, SPRING LK, M6, DIN127B, SST		
6	86279070	4	WASHER, M6 FLAT		
7	86290450	1	TUBE, EXHAUST, VAC CHAMBER		
8	86290120	1	BOX, ENCLOSURE, VAC MOTOR		
9	86217850	1	FILTER, VAC CHAMBER		
10	86223960	1	SCREEN, VAC CHAMBER		
11	86234760	1	COVER, ACCESSORY PORT		
12	86293390	2	SCR, M5X15 SHCS GR10.9 BLK		
13	86003780	1	GASKET, ACCESSORY PORT		
14	86343510	1	SWITCH, VACUUM, 250VAC, 15" H2O		
15	86288450	2	SCR, M4.8 X 10 HHTF TYPE B		
16	86173330	2	WASHER, M5, FLAT, ISO7093, SS		
17	86024750	2	NUT, M5 HEX NYLOCK		
18	86277380	8	SCR, M4.8 X 16 PHTF		
19	86225730	6	WASHER, M6 (20.5 OD X 1.6 T) PLT		

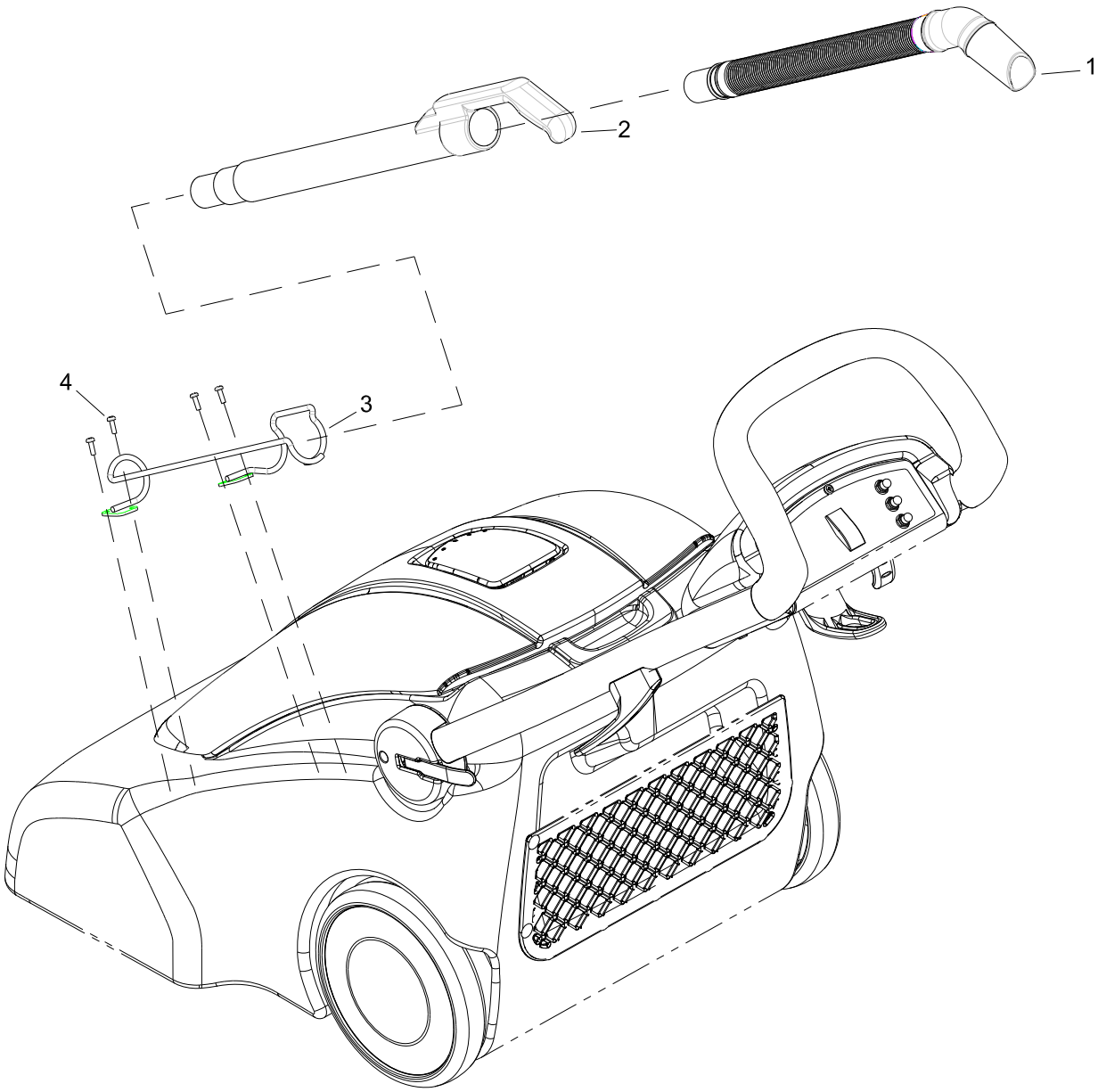

POWER CORD
WHT
BLK
GRN
SWITCH
WHT
RED
BLU
BRN
BLK
GRN
GRN
2
CIRCUIT BREAKER 8A
2
CIRCUIT BREAKER 8A
2
CIRCUIT BREAKER 8A
INDICATOR LIGHT
5
LEVER BRACKET
CONTROL PANEL
ACCESSORY PORT SWITCH
6
1
25μF
BLK
150μF
W4
W5
W1
W6
BRUSH MOTOR
W2
W3
VACUUM SWITCH
WHT
GRN
VAC MOTOR
7
3
5
4
WHT
RED
BLU
BRN
BLK
GRN
7
GRN
VAC MOTOR
4
MACHINE

REF	PART NO.	QTY	DESCRIPTION	SERIAL NO. FROM	NOTES
1	86266900	1	WIRE, 5" BLK/14 76029 X 76029		
2	86268400	3	WIRE, 3" BLK/14 76029 X 76050		
3	86218860	1	HARNESS, MAIN VACUUM		
4	86267290	2	WIRE, 14" GRN/18 76008 X 76011		
5	86268210	2	WIRE, 15" GRN/18 76008 X 76008		
6	86218850	1	HARNESS, SWITCH VACUUM		
7	86295540	2	WIRE, JUMPER, 130L X 14GA BLK		


CONTROL PANEL
EMC FILTER
EMC FILTER
POWER CORD
SWITCH (72128)
CIRCUIT BREAKER 5A
CIRCUIT BREAKER 5A
CIRCUIT BREAKER 5A
INDICATOR LIGHT
CONTROL PANEL GROUND
MAIN HARNESS
LEVER BRACKET
MICRO SWITCH
ACCESSORY PORT GROUND
ACCESSORY HARNESS
50uF
6uF
BRUSH MOTOR
PRESSURE SWITCH
VAC MOTOR
VAC MOTOR
MAIN FRAME GROUND
MAIN BODY

REF	PART NO.	QTY	DESCRIPTION	SERIAL NO. FROM	NOTES:
1	86266900	6	WIRE, 5" BLK/14 76029 X 76029		
2	86268400	2	WIRE, 3" BLK/14 76029 X 76050		
3	86218860	1	HARNESS, MAIN, VACUUM		
4	86267290	1	WIRE, 14" GRN.18 76008 X 76011		
5	86268210	3	WIRE, 15" GRN/18 76008 X 76008		
6	86218850	1	HARNESS, SWITCH VACUUM		
7	86295540	2	WIRE, JUMPER, 130L X 14GA BLK		
8	86217770	1	EMC TILTER ASSY		
9	86303880	1	WIRE, 3" BLK/14 76050X76050		

OPTIONS


1
2
3
4

REF	PART NO.	QTY	DESCRIPTION	SERIAL NO. FROM	NOTES
1	86308710	1	ASSY, HOSE		
2	86141550	1	EXTENSION TUBE		
3	86305100	1	WIRE FORM, HOLSTER		
4	86276850	4	SCR, #10 X 5/8 PPHST HI LO BLK		

REF. NO.	MODEL: SERIAL #
1	**