

Parts Catalog

Admiral 28 Cylindrical Scrubber



Table of Contents

Chassis (99709043BT10)	4
Wheel Suspension (97073803)	6
Steering Console (99709043BT30)	8
Accelerator Pedal (99709043BT40)	10
Brake Pedal & Parking Brake (99709043BT50)	12
Steering Column Assembly (99709043BT60)	14
Seat Assembly & Mounting Bracket (99709043BT70)	16
Solution Recovery Tank Assembly (99709043BT80)	18
Cover Tank Assembly (99709043BT90)	20
Vacuum Motor Assembly (99709043BT100)	22
Cylindrical Brush Drive Head - Lift and Pump Assembly (97093397 Part 1)	24
Cylindrical Brush Drive Head - Lift and Pump Assembly (97093397 Part 1) - Continued . . .	26
Cylindrical Brush Drive Head - Housing Assembly (97093397 Part 2)	28
Cylindrical Scrub Head Assembly Hopper (97079578)	30
Cylindrical Brush Drive Assembly (97093397 Part 3)	32
Cylindrical Brush Drive Assembly (01072560)	34
Cylindrical Brush Drive Head - Plumbing (97093397 Part 4)	36
Side Squeegee Assembly LH (99709043BT120)	38
Side Squeegee Assembly RH (99709043BT130)	40
Squeegee Lift Assembly (99709043BT140)	42
Squeegee Assembly (99709043BT150)	44
Lifting Assembly Suction Base Unit Part 1 (97100556-1-7090-01)	46
Lifting Assembly Suction Base Unit Part 2 (97100556-2-7090-01)	48
Squeegee 95cm (97094502 Part 1)	50
Squeegee 95cm (97094502 Part 2)	52
Control Box Electrical (99709043BT160)	54
Control Box Electrical (99709043BT160) - Continued	56
Drive Control Assembly (01072090)	58
Decals BT170	60
Circuit Diagram Reference	62
Circuit Diagram Admiral 28 (91024992 Part 1)	64
Circuit Diagram Admiral 28 (91024992 Part 2)	65
Circuit Diagram Admiral 28 (91024992 Part 3)	66
Circuit Schematic	67
Circuit Schematic Admiral 28 (91024984 Part 1)	68
Circuit Schematic Admiral 28 (91024984 Part 2)	69
Warranty Information	70
Notes:	71

Introduction

This manual is for the PowerBoss Admiral 28 Cylindrical Scrubber. It provides the parts lists for your new machine.

This manual covers all standard Admiral 28 models:

Model No. ADM28CQP
ADM28C
3343523QP (Sold under Admiral 30 model name)
3343523 (Sold under Admiral 30 model name)

The machine will provide excellent service. However, the best results will be obtained if:

- The machine is operated with reasonable care.
- The machine is maintained regularly per the maintenance schedule in the instruction manual provided.
- The machine is maintained with PowerBoss OEM supplied or equivalent parts.

All right side and left side references to the machine are determined by facing the direction of forward travel. Parts may be ordered by phone or mail from any PowerBoss parts and service center. Before ordering parts or supplies be sure to have your machine model number and serial number handy.

Fill out the data block below for future reference.

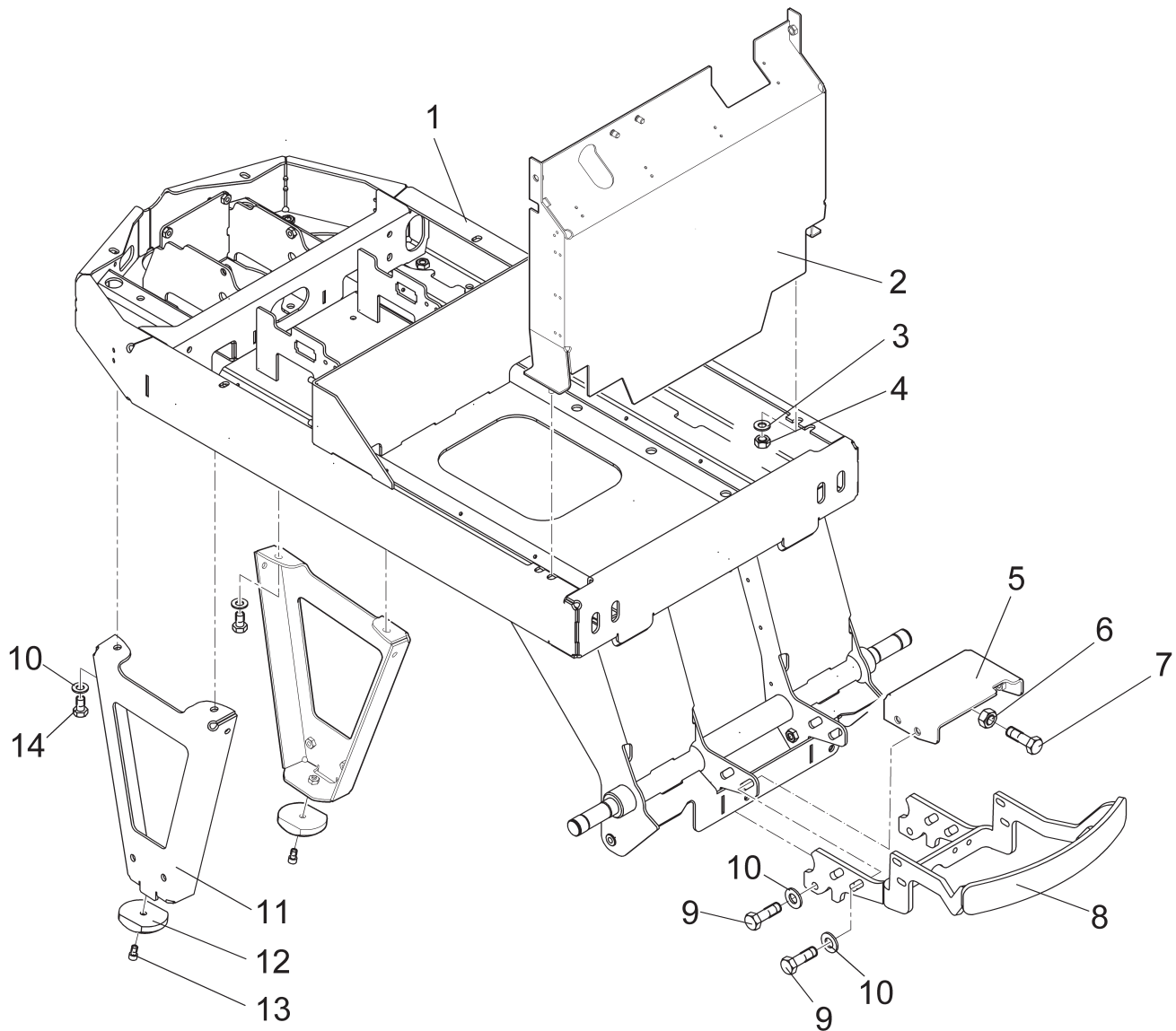
MACHINE DATA Fill Out At Installation	
Model:	Admiral 28
Serial Number:	_____
Sales Rep or Dealer	_____
Date of Install:	_____
Manual p/n:	4100014

All information contained in this manual is current at the time of printing However,PowerBoss Reserves the right to make changes at any time without notice.

©2010, PowerBoss, Inc., Printed in USA

All rights reserved. This manual may not be copied or reproduced in any form,without the written permission of PowerBoss,Inc.

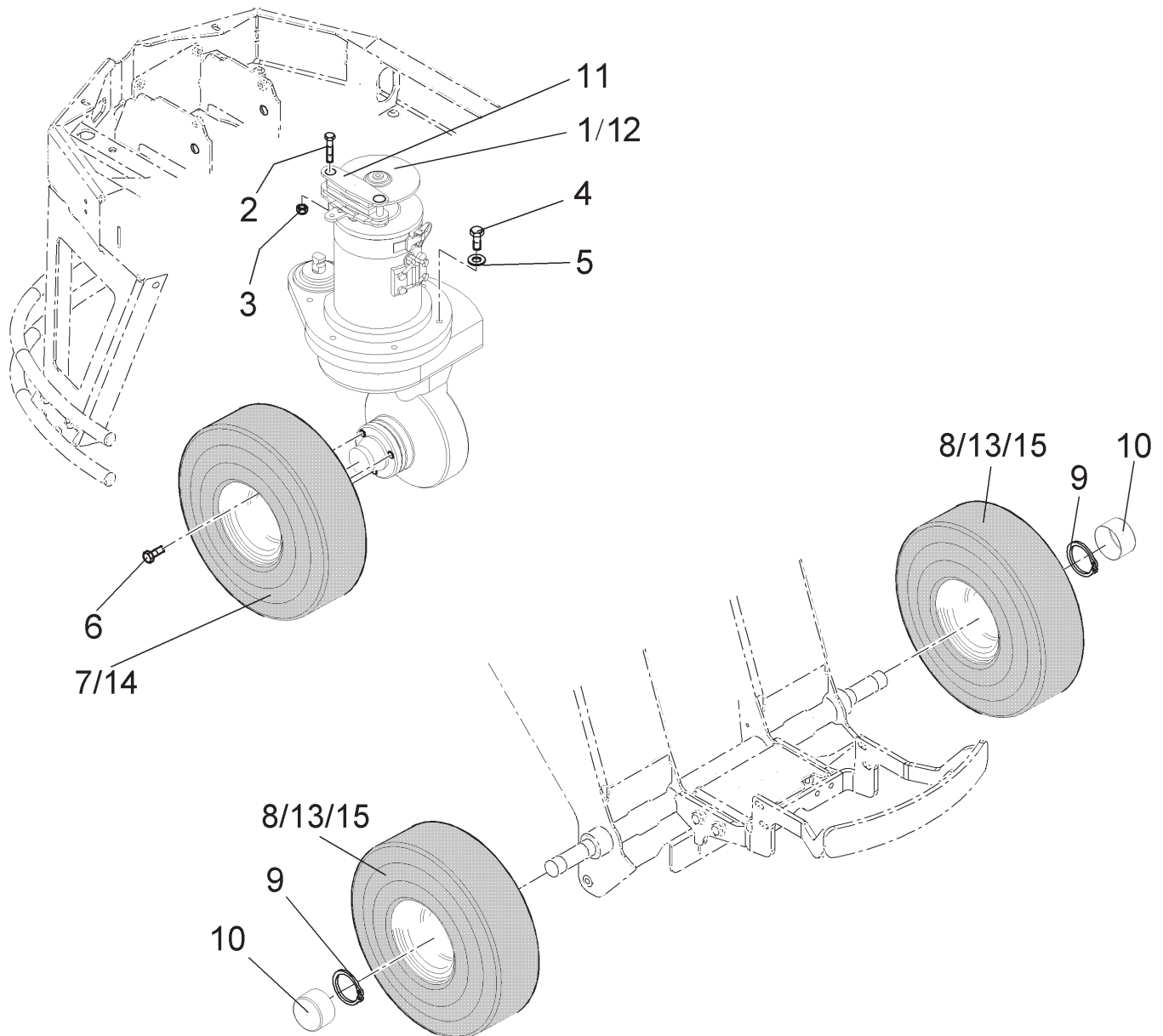
Chassis (99709043BT10)



Chassis (99709043BT10)

Item	Part Number	Description	Qty.	Note
1	03006920	Chassis	1	
2	03000260	Sheet Metal	1	
3	00740090	Detent Edged Washer	4	
4	00053350	Hexagon Nut	4	
5	03000270	Plate, cpl.	1	
6	00053360	Hexagon Nut	1	
7	00053170	Hexagon Screw	1	
8	01071640	Bumper Rear Frame Extension	1	
9	00053160	Hexagon Screw	4	
10	00740290	Detent edged Washer	8	
11	01071240	Supporting Plate	2	
12	01070970	Stay	2	
13	00154410	Cylinder Head Screw	2	
14	00021130	Hex Bolt	4	

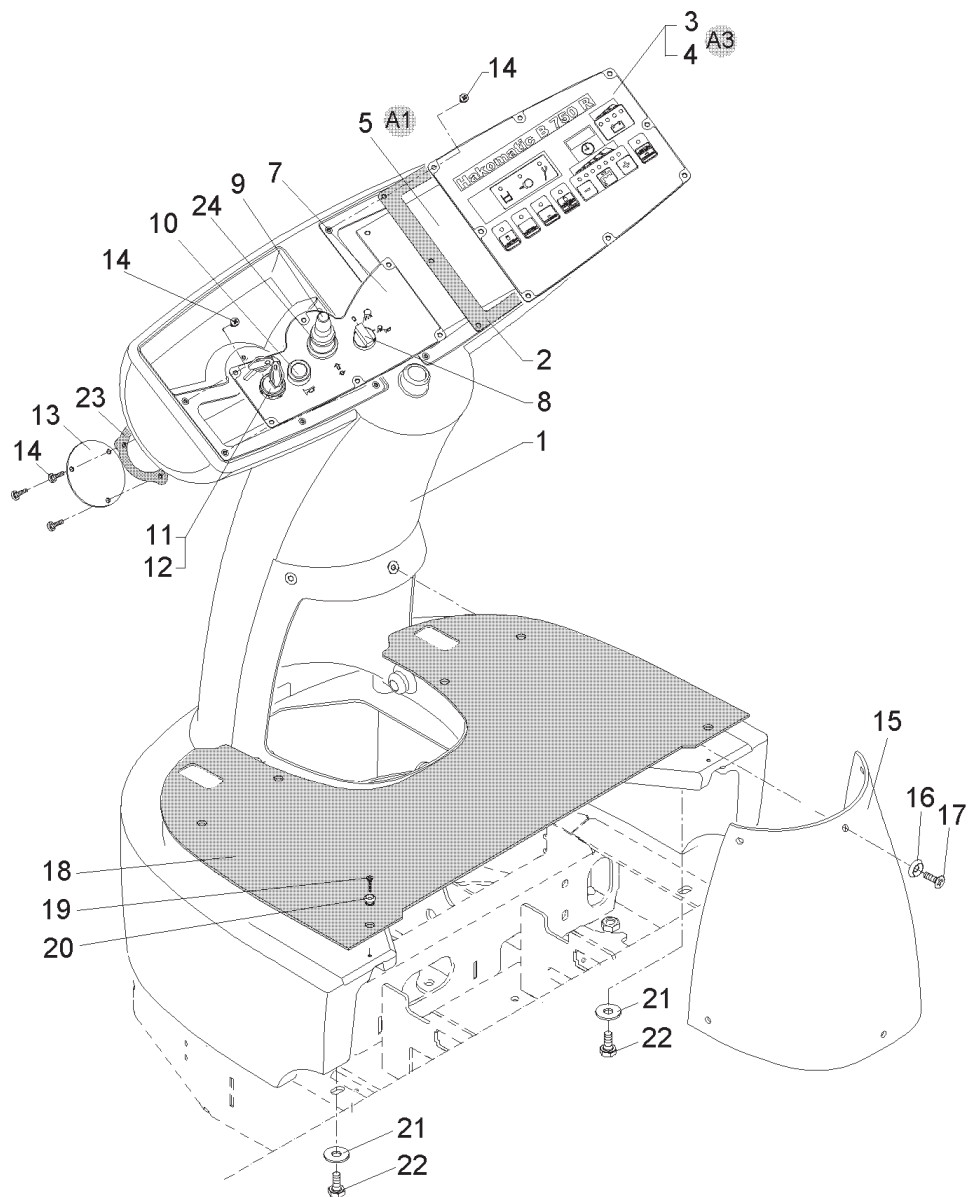
Wheel Suspension (97073803)



Wheel Suspension (97073803)

Item	Part Number	Description	Qty.	Note
1	01070960	Front Drive Wheel	1	
2	00535110	Hex Bolt	2	
3	00051520	Hexagon Nut	2	
4	00055460	Hex bolt	6	
5	00740290	Detent Edged Washer	6	
6	00959310	Hex Bolt	3	
7	01070950	Front Wheel, cpl.	1	
8	01070940	Rear Wheel, cpl. Incl. Bearing	2	
9	00022460	Retaining Ring	2	
10	01071250	Cap	2	
11	01073660	Brake Repair Set	1	
12	01075790	Carbon Brush (Set 4 pc.)	1	
13	00281050	Deep Groove Ball Bearing	4	
14	01076120	Rim Front	2	
15	01076130	Rim Rear	2	

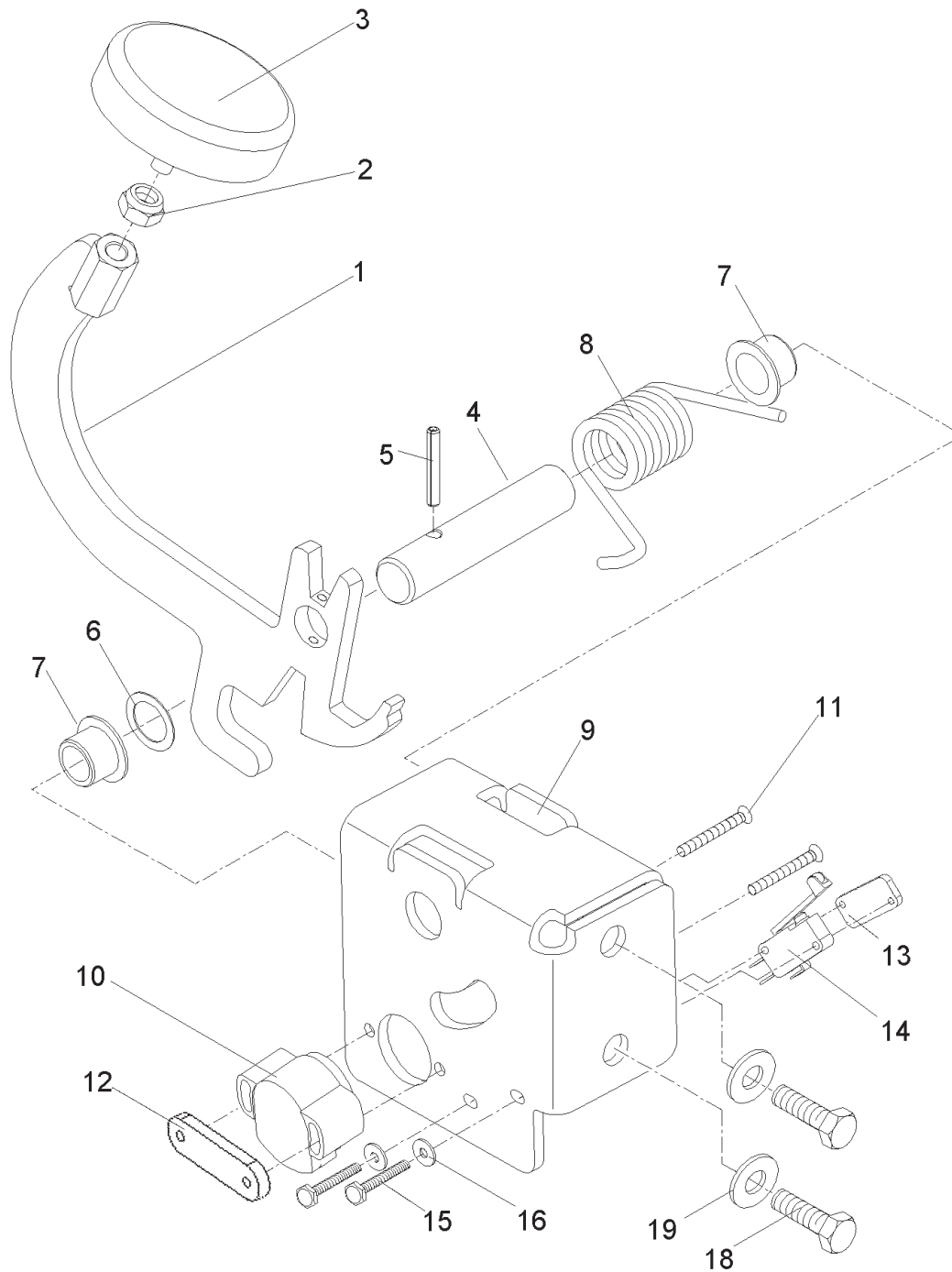
Steering Console (99709043BT30)



Steering Console (99709043BT30)

Item	Part Number	Description	Qty.	Note
1	01073070	Steering	1	
2	01070980	Seal	1	
3	01071660	Sheet Metal	1	
4	00712220	Control Panel	1	
5	00712160	Control Unit	1	
7	01071670	Sheet Metal	1	
8	01073320	Rotary Switch	1	
9	00697630	Switch	1	
10	00133770	Press Switch	1	
11	00021710	Key Switch	2	
12	00745890	Set (2pc.) key	1	
13	03000280	Cap	1	
14	01072790	Truss Head Screw	17	
15	03000290	Hood	1	
16	00157690	Annular Plate	6	
17	00154680	Countersunk Screw	1	
18	01071680	Bottom Plate	1	
19	01073120	Amtec Screw	6	
20	01073130	Knob	6	
21	00740080	Washer	4	
22	00053080	Hexagon Screw	1	
23	01072000	Seal	1	
24	01074110	Rubber Cap	1	

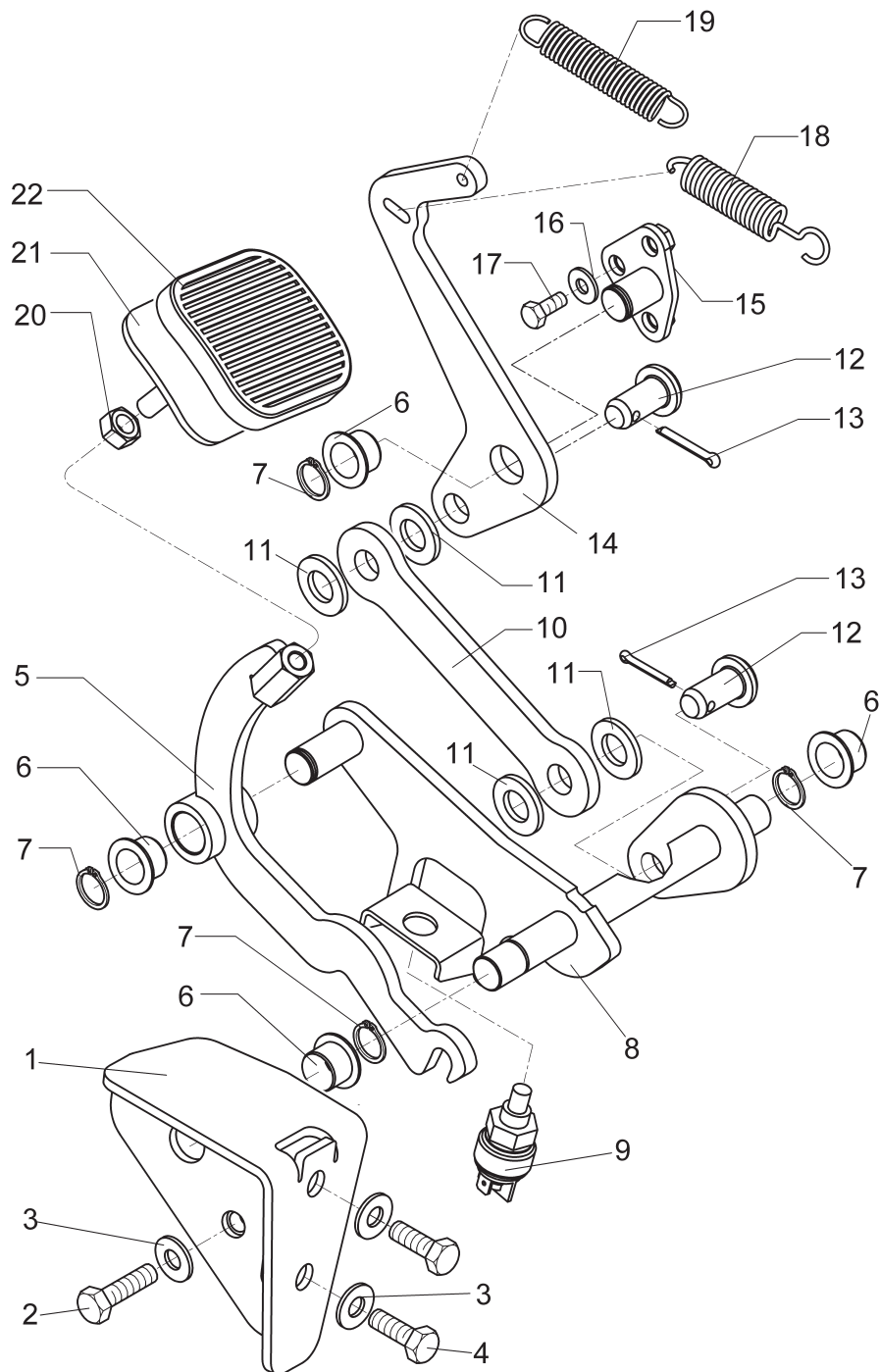
Accelerator Pedal (99709043BT40)



Accelerator Pedal (99709043BT40)

Item	Part Number	Description	Qty.	Note
1	01071260	Cam Arm	1	
2	00053350	Hexagon Nut	1	
3	01071270	Cam Arm Cover	1	
4	01071280	Shaft	1	
5	01073260	Dowel Pin	1	
6	00906020	Adjusting Washer	1	
7	01058400	Plain Bearing Bushing	2	
8	01073140	Leg Spring	1	
9	03000300	U-Bow Mounting Bracket	1	
10	01058390	Potentiometer, cpl.	1	
11	00737690	Screw	1	
12	01074850	Thread Base Plate	1	
13	01074840	Thread Base Plate	1	
14	00975510	Micro Switch	2	
15	00022180	Hex Bolt	2	
16	00747400	Washer	2	
18	00053090	Hexagon Screw	2	
19	00740090	Detent Edged Washer	2	

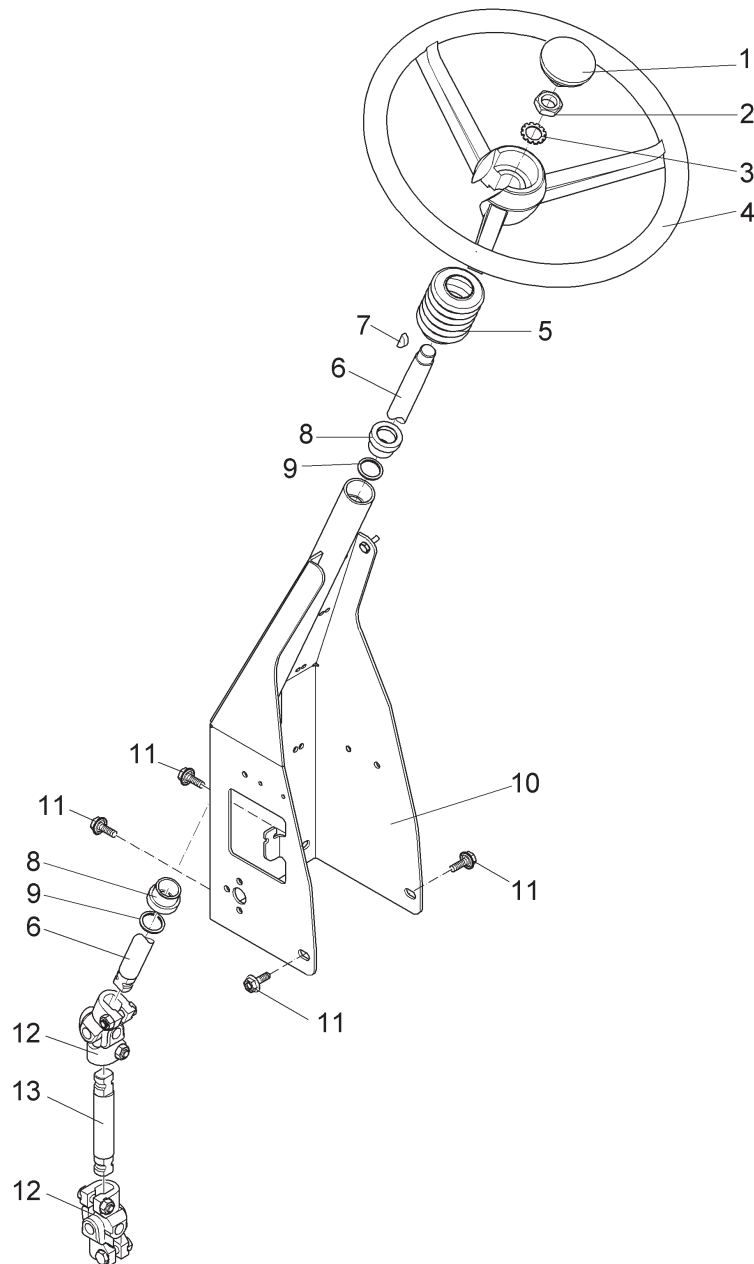
Brake Pedal & Parking Brake (99709043BT50)



Brake Pedal & Parking Brake (99709043BT50)

Item	Part Number	Description	Qty.	Note
1	03000310	Angle Bracket cpl.	1	
2	00053090	Hexagon Screw	3	
3	00740090	Detent Edged Washer	3	
5	01071290	Lever	1	
6	01058400	Plain Bearing Bushing	5	
7	00022440	Retaining Ring	4	
8	01071300	Lever	1	
9	00028680	Switch Stop Light	1	
10	01071310	Bracket	1	
11	00053770	Washer	4	
12	00901510	Bolt	2	
13	00553580	Cotter Pin	2	
14	01071320	Lever	1	
15	01071330	Pin	1	
16	00730940	Detent Edged Washer	3	
17	00104500	Hexagon Screw	3	
18	00127400	Tension Spring	1	
19	00851210	Tension Spring	1	
20	00053350	Hexagon Nut	1	
21	01071340	Pedal Plate	1	
22	01071350	Pedal Cover Rubber	1	

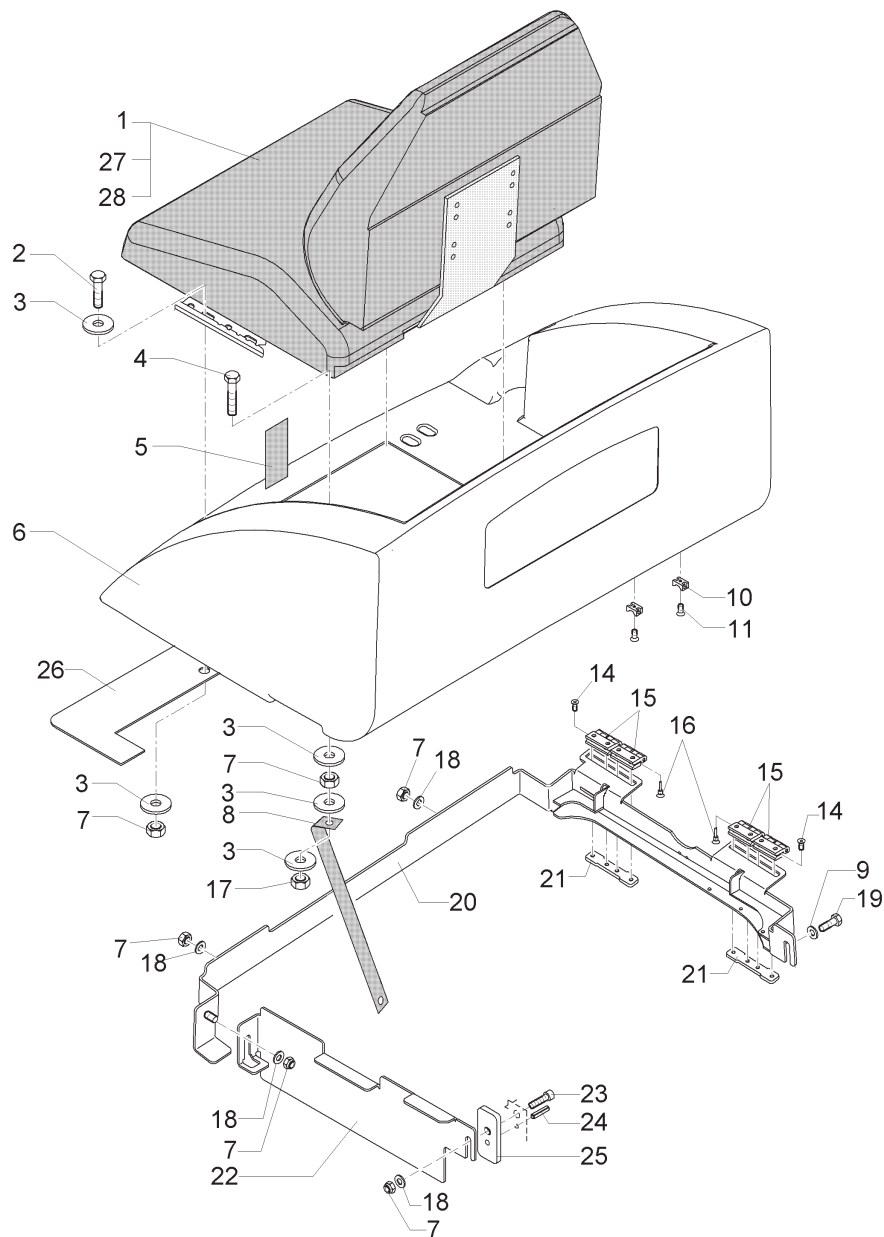
Steering Column Assembly (99709043BT60)



Steering Column Assembly (99709043BT60)

Item	Part Number	Description	Qty.	Note
1	00852310	Cap	1	
2	00074350	Hex. Nut	1	
3	00075290	Toothed Washer	1	
4	00770220	Steering Wheel	1	
5	01054880	Bellows	1	
6	00980760	Shaft	1	
7	00153600	Woodruff Key	1	
8	00523630	Bushing	2	
9	00554400	O-ring Oil Resistant	2	
10	03000320	Holder Steering Wheel	1	
11	00959310	Hex Bolt	4	
12	00746040	Cardan Joint	2	
13	00975430	Shaft	1	

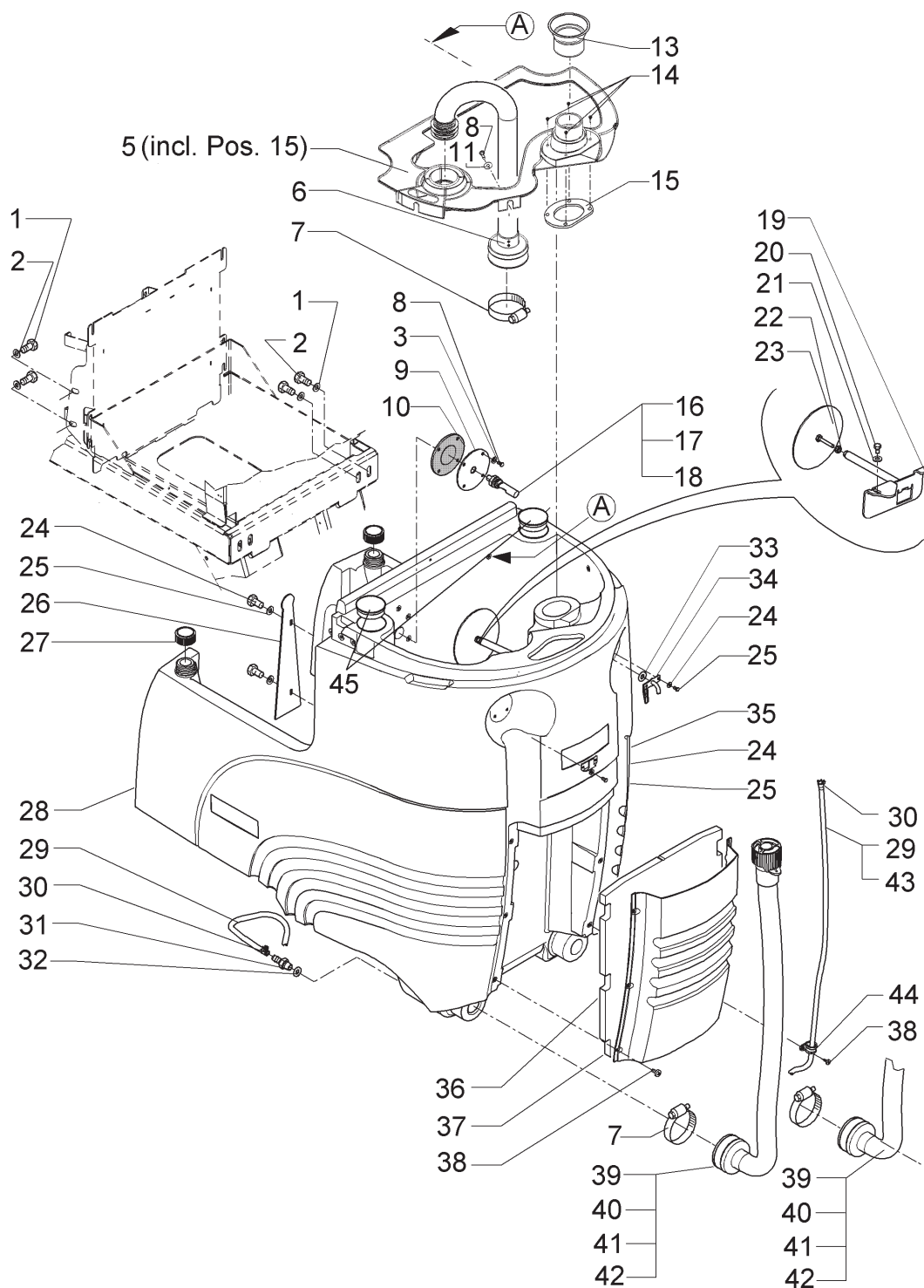
Seat Assembly & Mounting Bracket (99709043BT70)



Seat Assembly & Mounting Bracket (99709043BT70)

Item	Part Number	Description	Qty.	Note
1	01071360	Seat	1	
2	00133700	Hexagon Screw	3	
3	00042900	Washer	6	
4	00053260	Hex Bolt	1	
5	01071710	Decal "Instruction Manual"	1	
6	03003300	Holder Seat	1	
7	00051510	Hexagon Nut	9	
8	01055740	Belt	1	
9	00740090	Detent Edged Washer	1	
10	00780710	Socket	2	
11	00127340	Tapping Screw	2	
14	00073160	Screw	8	
15	00029230	Hinge	4	
16	01063420	Self Tapping Screw	8	
17	00053350	Hexagon Nut	1	
18	00053750	Washer	4	
19	00053090	Hexagon Screw	1	
20	03000340	Plate	1	
21	01072970	Adjusting Latch	2	
22	03000620	Intermediate Sheet	1	
23	00103300	Socket Head Screw	1	
24	00107140	Dowel Pin	1	
25	01072960	Adjusting Latch	1	
26	03000630	Plate Contact	1	
27	01073290	Micro Switch	1	
28	XXXXXXX	No Part No.	1	Cushion SC76 Incl. Seat Switch 01073290

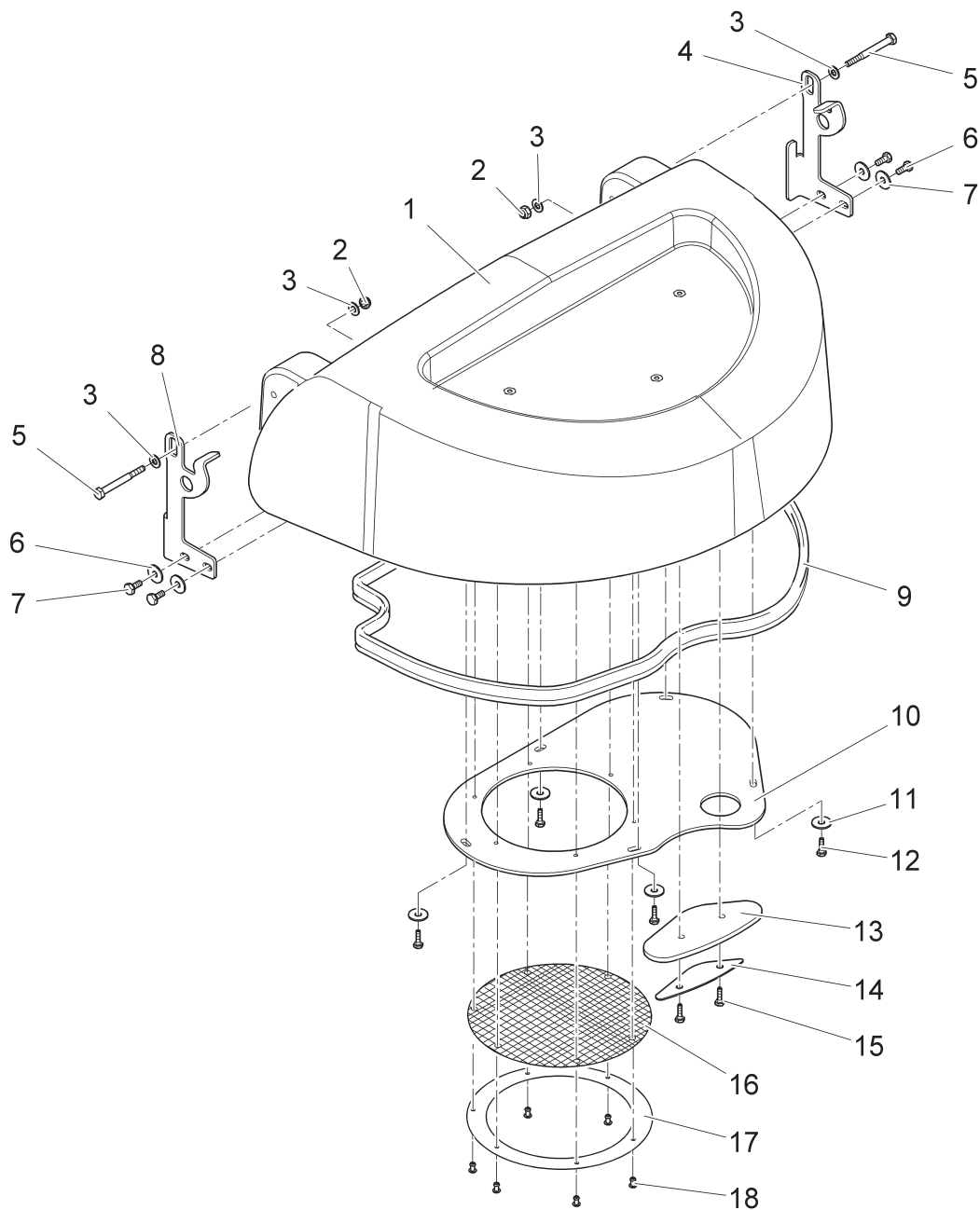
Solution Recovery Tank Assembly (99709043BT80)



Solution Recovery Tank Assembly (99709043BT80)

Item	Part Number	Description	Qty.	Note
1	00053090	Hexagon Screw	8	
2	00879170	Washer	8	
3	00102150	Washer	9	
5	01076000	Swash Guard	1	Incl. Pos. 15
6	01075980	Hose	1	
7	00736200	Hose Clamp	2	
8	01071890	Hex Bolt	9	
9	03000360	Sheet Metal	1	
10	01070910	Seal	1	
11	00854210	Washer	5	
13	01076650	Connector Rubber Flared	1	
14	00961490	Self Tapping Screw	7	
15	01075990	Gasket	1	
16	00861620	Float Switch	1	
17	00903180	Plastic Cover	1	
18	00903170	Tab	1	
19	03000370	Support Bracket Tank	1	
20	01071740	Hex Bolt	1	
21	00902280	Washer	1	
22	00971400	Hexagon Nut	1	
23	03000380	Pressure Plate Tank Support	1	
24	00054680	Hex Bolt	6	
25	00053720	Washer	6	
26	03000390	Sheet Metal	1	
27	01072130	Cap Small Screw On	2	
28	01077140	Tank Assembly	1	
29	00711670	Hose	1	
30	00056960	Clamp	2	
31	01072180	Fitting Screw In Straight	1	
32	00057720	O-Ring Oil Resistant	1	
33	00045750	O-Ring Oil Resistant	1	
34	01072140	Hose Support, cpl.	1	
35	00903160	Hook	1	
36	01072150	Insulating Material	1	
37	03000410	Cover	1	
38	00556950	Phillips Head Screw	6	
39	01072160	Hose, cpl.	2	
40	00906110	Cover	2	
41	00906100	Phillips Head Screw	4	
42	00107270	O-ring	2	
43	01072170	Ball	2	
44	00130250	Pipe Lamp	1	
45	01075490	Plug	2	

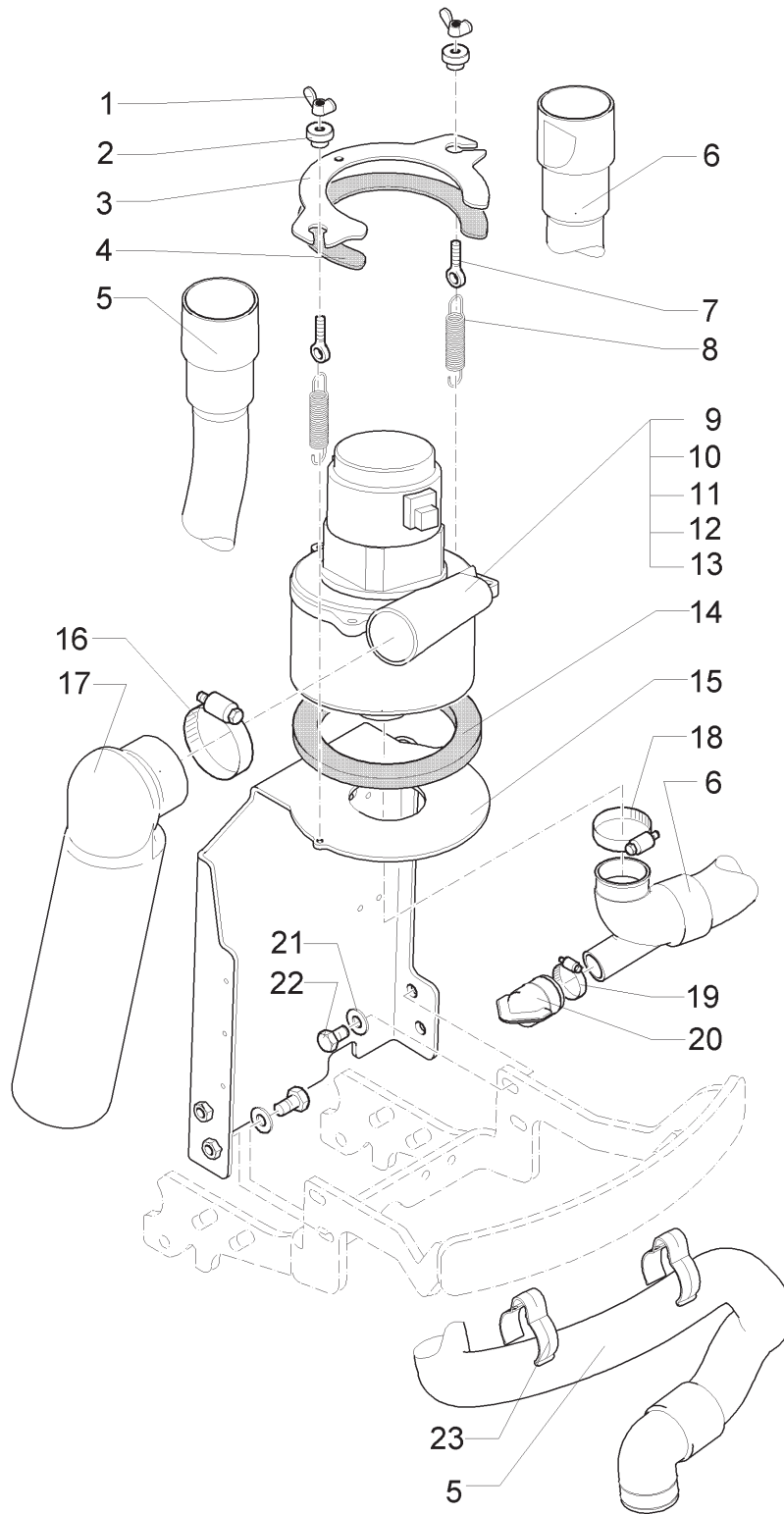
Cover Tank Assembly (99709043BT90)



Cover Tank Assembly (99709043BT90)

Item	Part Number	Description	Qty.	Note
1	03000420	Cover, cpl.	1	
2	00051510	Hexagon Nut	2	
3	00053750	Washer	4	
4	01071730	Sheet Metal	1	
5	00153400	Hex Bolt	2	
6	01071740	Hex Bolt	4	
7	00902280	Washer	4	
8	01071720	Sheet Metal	1	
9	01071770	Sealing Profile	1	
10	03000430	Plate	1	
11	00854210	Washer	7	
12	01071750	Hexagon Screw	5	
13	01075580	Gasket	1	
14	01075590	Sheet Metal	1	
15	00854190	Hexagon Screw	2	
16	01070920	Strainer	1	
17	03000440	Flange	1	
18	01073330	Rivet	6	

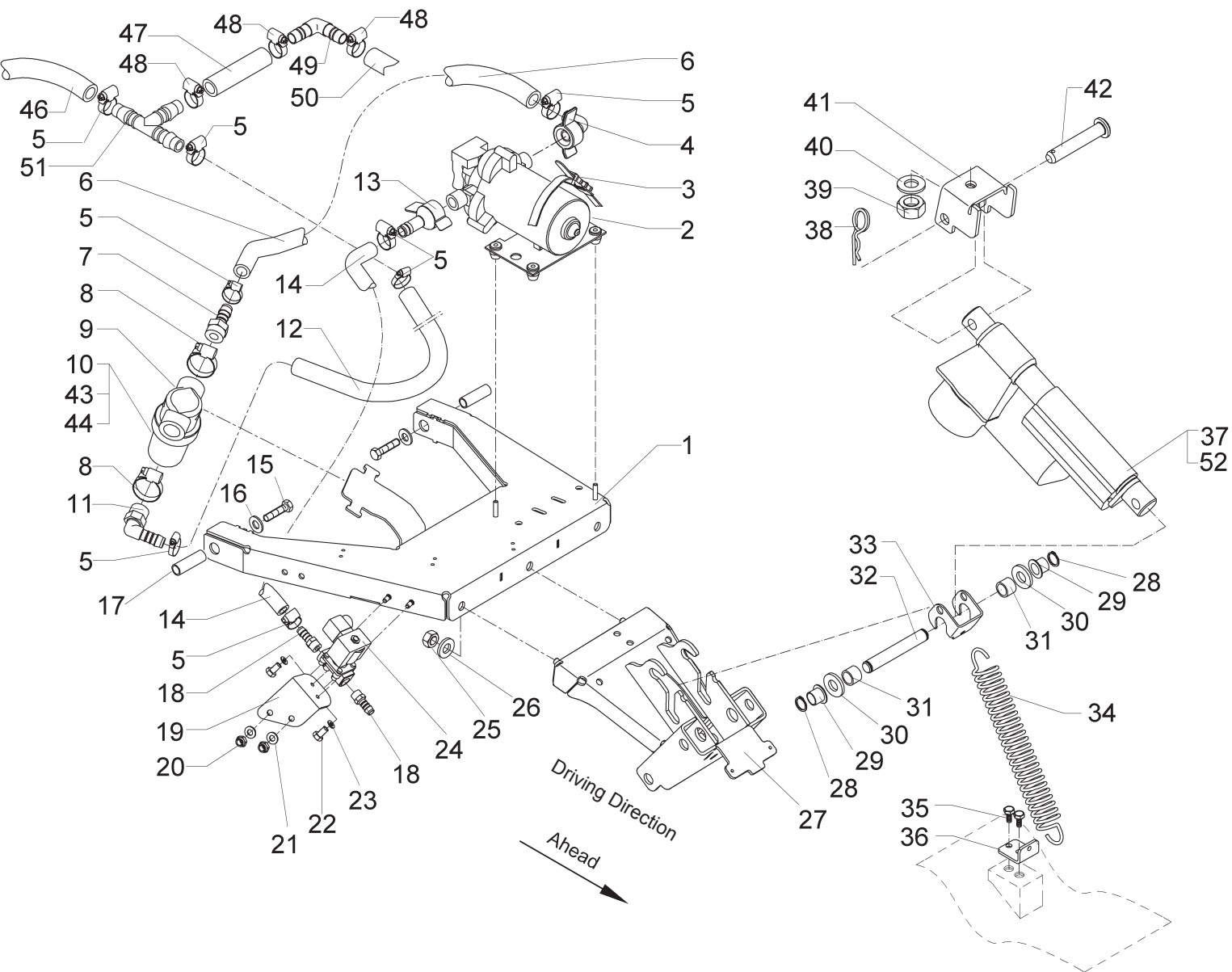
Vacuum Motor Assembly (99709043BT100)



Vacuum Motor Assembly (99709043BT100)

Item	Part Number	Description	Qty.	Note
1	00054020	Wing Nut	2	
2	00903210	Knurled Nut	2	
3	01071540	Clamping Sheet Metal	1	
4	01071550	Seal	1	
5	01071560	Hose	1	
6	01071570	Hose	1	
7	00508770	Eye Bolt	2	
8	00109410	Tension Spring	2	
9	00543510	Vacuum Motor	1	
10	00904050	Toroidal Core	1	
11	00903190	Tab	1	
12	00903180	Plastic Cover	1	
13	00048840	Carbon Brush	2	
14	01071580	Seal	1	
15	03000450	Support, cpl.	1	
16	00732130	Hose Clamp	1	
17	00471570	Hose	1	
18	00751160	Hose Clamp	1	
19	00733160	Hose Clamp	1	
20	00054560	Valve	1	
21	00740090	Detent Edged Washer	4	
22	00077110	Hexagon Screw	4	
23	01071590	Hose Clip	2	

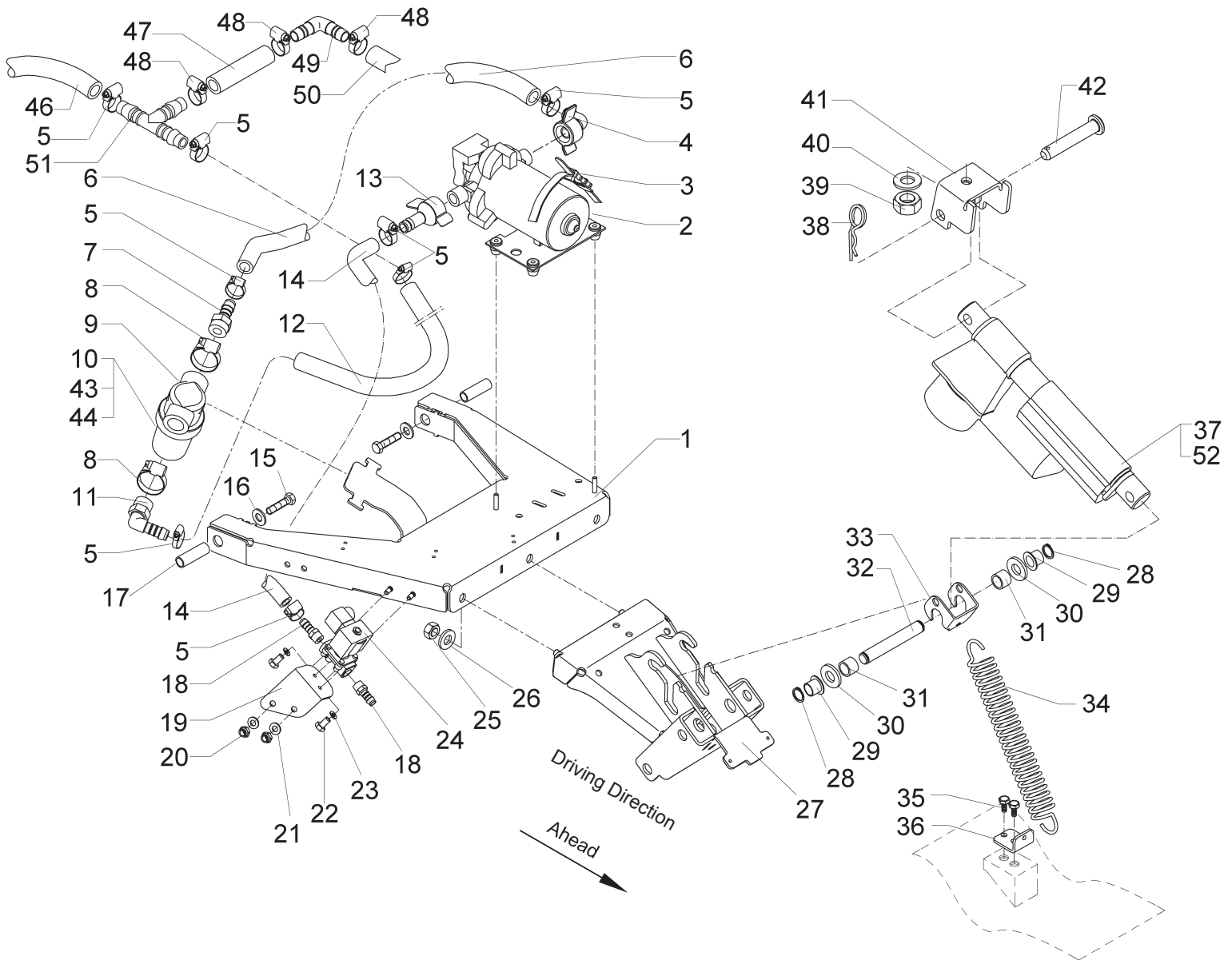
Cylindrical Brush Drive Head - Lift and Pump Assembly (97093397 Part 1)



Cylindrical Brush Drive Head - Lift and Pump Assembly (97093397 Part 1)

Item	Part Number	Description	Qty.	Note
1	01077330	Lifting Fork	1	
2	00543750	Pump	1	
3	01073340	Cable Tie	1	
4	00154140	Fitting 90° Screw In	1	
5	01015350	Hose Clamp	4	
6	00200170	PVC Hose	290mm	
7	01071470	Fitting Straight Screw In	1	
8	01071810	Hose Clamp	2	
9	01072850	Filter	1	
10	01071010	Filter Insert	1	
11	00971440	Fitting 90° Screw In	1	
12	00200170	PVC hose	400mm	
13	01071450	Fitting Straight Screw In	1	
14	00200170	PVC Hose	200mm	
15	00151790	Hexagon Screw	2	
16	00962220	Washer	2	
17	01073350	Pipe	2	
18	00976140	Fitting Straight Screw In	2	
19	03000470	Support	1	
20	00051340	Hexagon Nut	2	
21	00053720	Washer	2	
22	00058580	Hex Bolt	2	
23	00053710	Washer	2	
24	01071000	Solution Shut Off Solenoid	1	
25	00051510	Hexagon Nut	2	

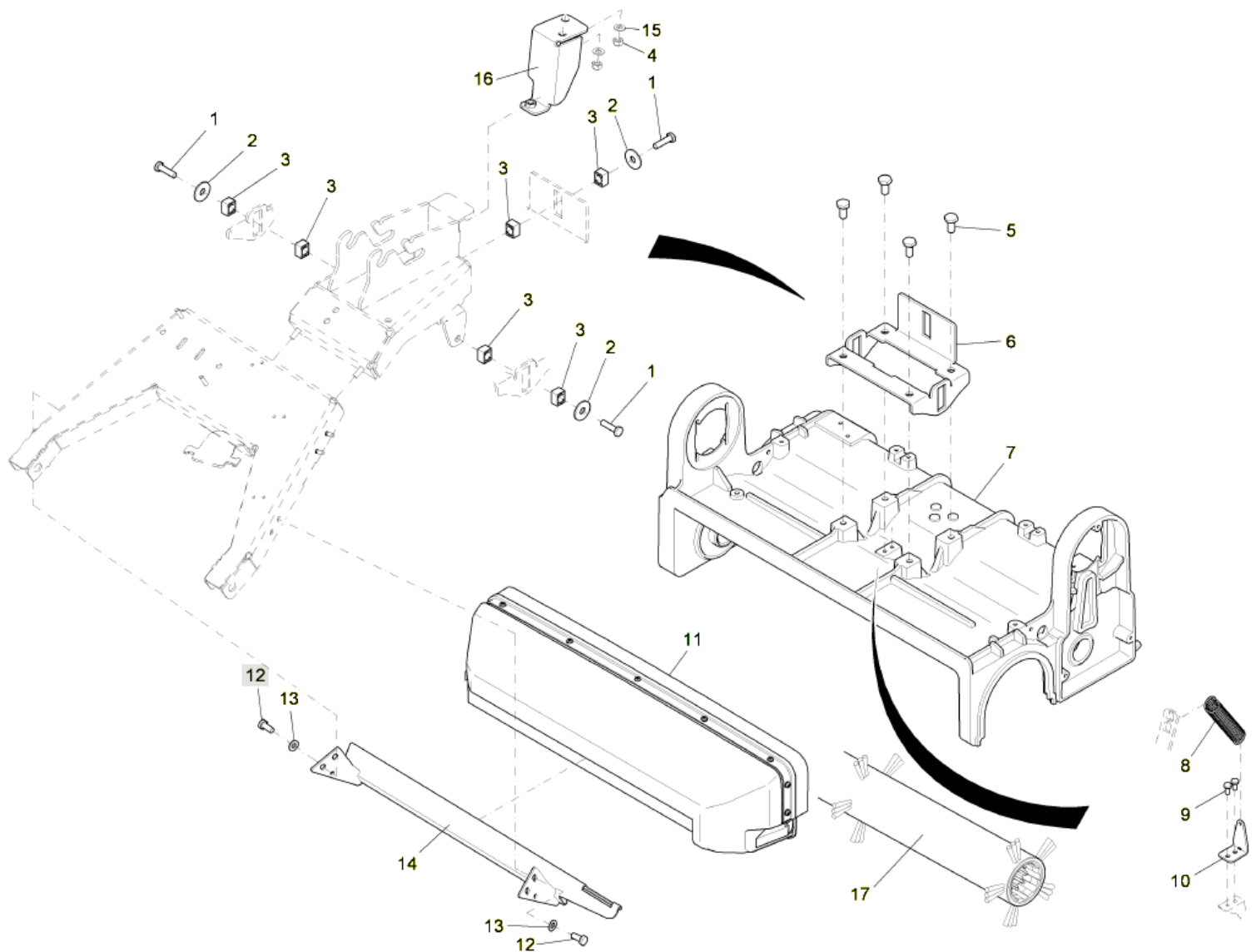
Cylindrical Brush Drive Head - Lift and Pump Assembly (97093397 Part 1) - Continued



Cylindrical Brush Drive Head - Lift and Pump Assembly (97093397 Part 1) - Continued

Item	Part Number	Description	Qty.	Note
26	00053750	Washer	2	
27	XXXXXXXXXX	No Part No	1	96112107 Guide Arm
28	00072440	Circlip	2	
29	01071440	Plain Bearing Bushing	2	
30	00151200	Washer	2	
31	01072410	Bushing	2	
32	01072400	Axle	1	
33	XXXXXXXXXX	No Part No	1	90510181 Bar
34	01077710	Tension Spring	1	
35	01071750	Hexagon Screw	2	
36	XXXXXXXXXX	No Part No	1	90508698 Angle
37	01071820	Motor Scrub Head Lift	1	
38	00744820	Spring Cotter	1	
39	00051500	Hexagon Nut	1	
40	00053760	Washer	1	
41	01076930	Retainer	1	
42	00851560	Bolt	1	
43	01072830	Sealing Ring	1	
44	01072840	Straining Cap	1	
46	00200170	PVC Hose	60mm	
47	00711670	Hose	70mm	
48	00529390	Hose Clamp	1	
49	01073010	Fitting 90° Barbed	1	
50	00711670	Hose	500mm	
51	01073020	Fitting Tee Barbed	1	
52	00962620	Clamp	1	

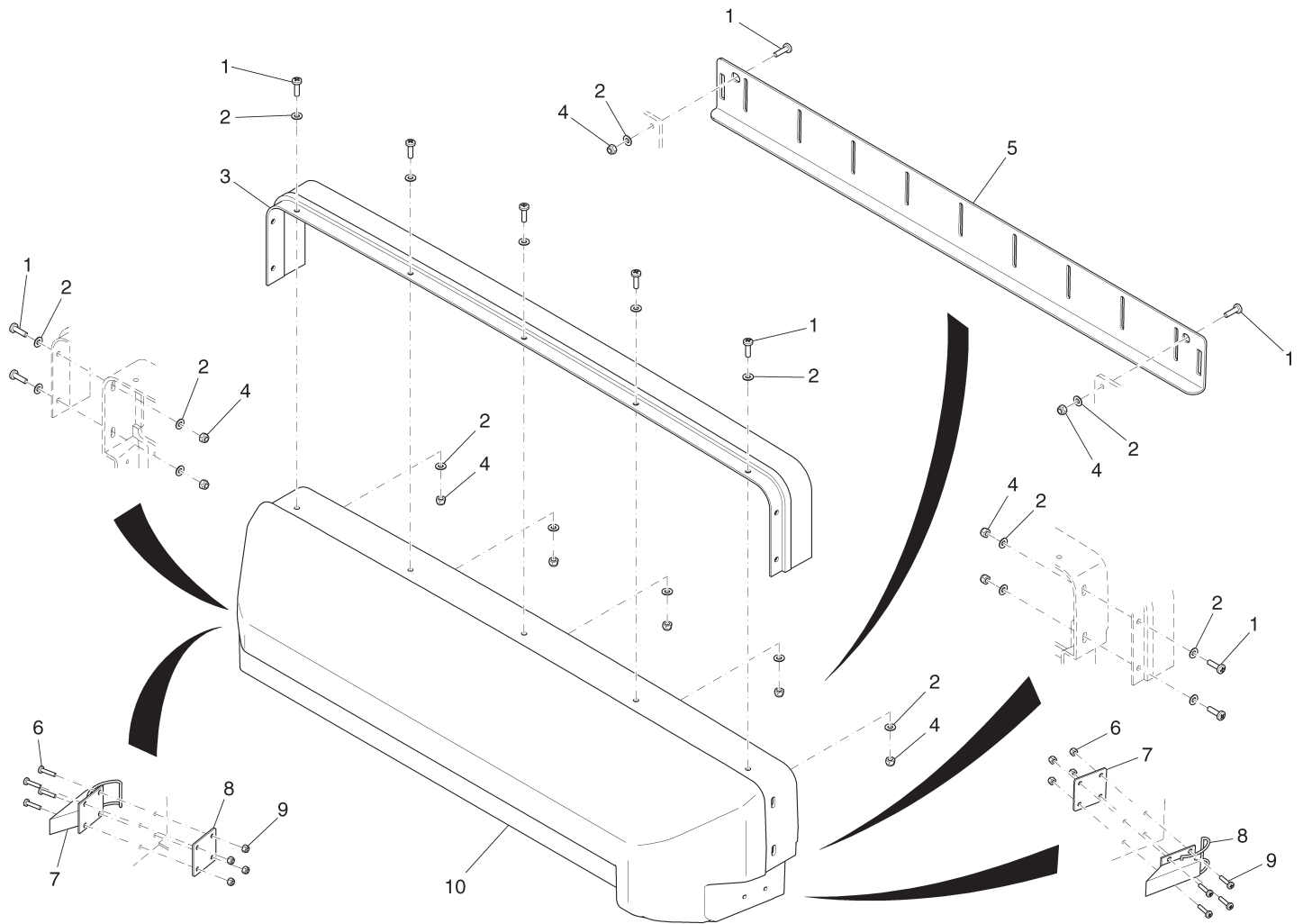
Cylindrical Brush Drive Head - Housing Assembly (97093397 Part 2)



Cylindrical Brush Drive Head - Housing Assembly (97093397 Part 2)

Item	Part Number	Description	Qty.	Note
1	01078690	Hexagon screw M8x30-A2-70	3	
2	01161070	Washer 10,5-140	3	
3	01078700	Slide block	4	
4	00051510	Hexagon nut M8 6 A2G	2	
5	01078720	Hexagon screw 10x20-A2-70	4	
6	01078730	Retainer	1	
7	01170780	Housing	1	
8	01077710	Tension spring	1	
9	01071750	Hexagon screw M6X12-A2-70	2	
10	XXXXXXXX	No Part-No.	1	90508698 Angle
11	97079578	Dirt hopper cpl.		Do not order! Pos. has sub-modules! Please take double click on pos.no.!
12	00053010	Hex bolt M6x16-8.8 A2G	4	
13	00730940	Detent edged washer SKM-6-dacrometisiert	4	
14	01072200	Safety rail	1	
15	00053750	Washer A8,4-140HV-St	2	
16	XXXXXXXX	No Part-No.	1	90438730 Catch
17	99709900	set cyl brush 150 Sic PA 6.12 K500 70x32x18	1	

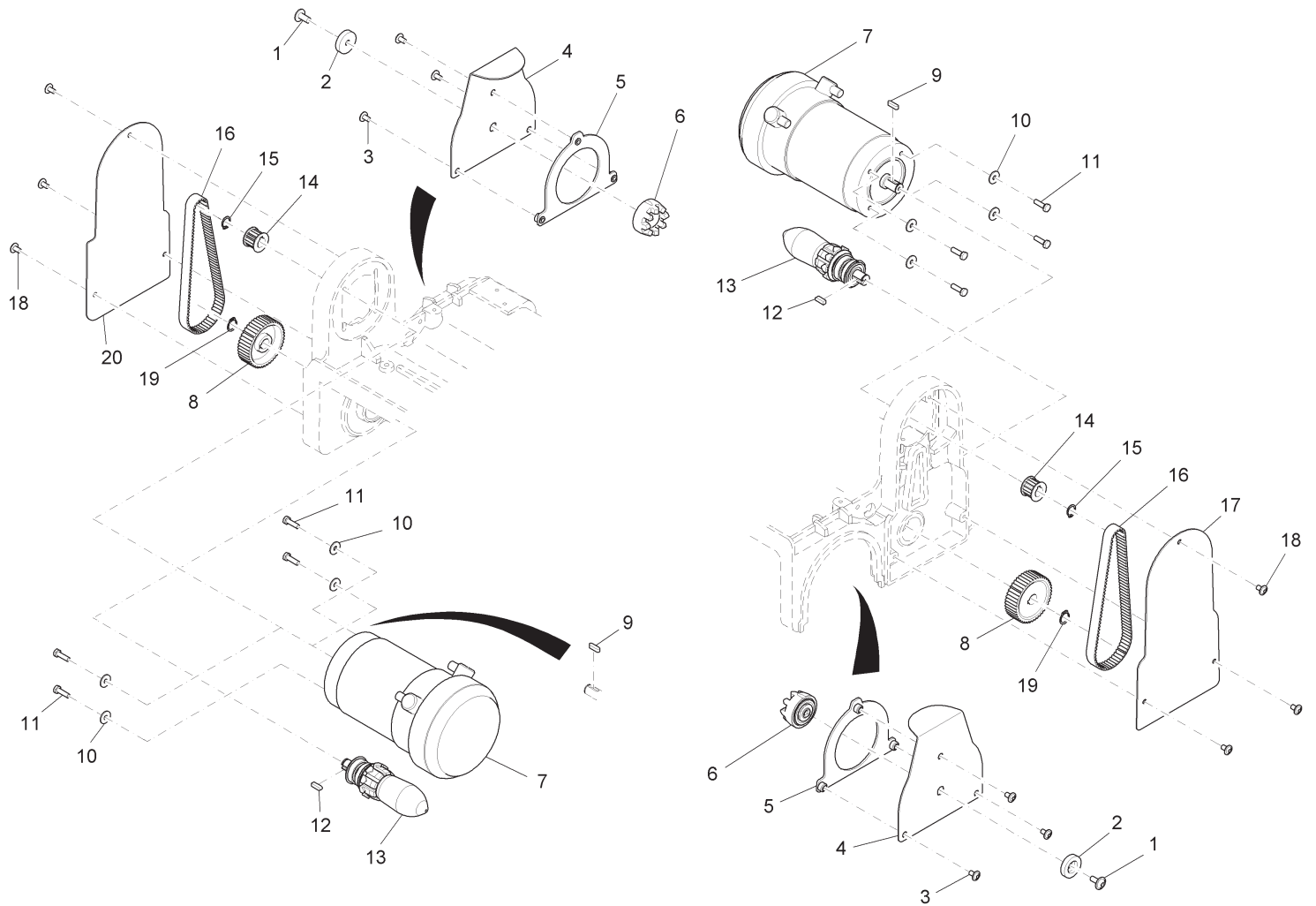
Cylindrical Scrub Head Assembly Hopper (97079578)



Cylindrical Scrub Head Assembly Hopper (97079578)

Item	Part Number	Description	Qty.	Note
1	01072260	Phillips Head Screw	11	
2	00874720	Washer	20	
3	01072240	Brush Rails	1	
4	00970190	Hexagon Nut	11	
5	01072250	Panel Apron	1	
6	01072270	Hex. Nut	8	
7	01076250	Plate	2	
8	01072220	Lock	2	
9	01072230	Phillips Head Screw	8	
10	01072210	Debris Hopper, cpl.	1	

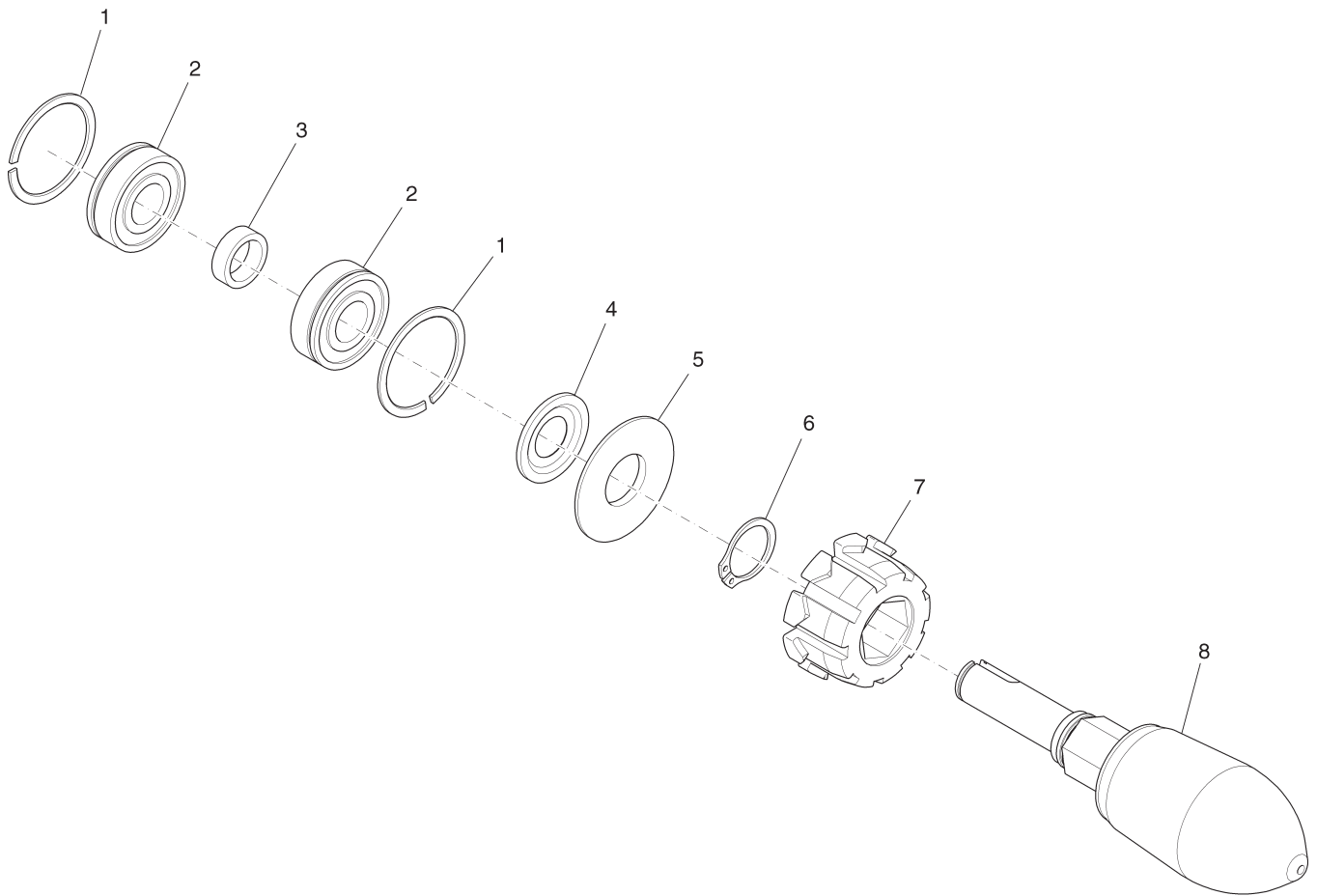
Cylindrical Brush Drive Assembly (97093397 Part 3)



Cylindrical Brush Drive Assembly (97093397 Part 3)

Item	Part Number	Description	Qty.	Note
1	01074320	Lens Flange Screw	2	
2	01074330	Washer	2	
3	01072520	Lens Flange Screw	6	
4	01078760	Side Cover	2	
5	01078770	Centering Bend	2	
6	01074340	Bearing	2	
7	01072450	Motor	2	
8	01072570	Toothed Belt Pulley	2	
9	00022430	Key Shaft	2	
10	00135120	Washer	8	
11	00053020	Hexagon Screw	8	
12	01072580	Key Shaft	2	
13	01072560	Brush Drive Assembly	2	See Page 34 / 35
14	01072460	Toothed Belt Pulley	2	
15	00022440	Retaining Ring	2	
16	01072540	Toothed Belt	2	
17	01078780	Sheet Metal R.H.	1	
18	01072520	Lens Flange Screw	6	
19	00022340	Retaining Ring	2	
20	01078790	Sheet Metal L.H.	1	

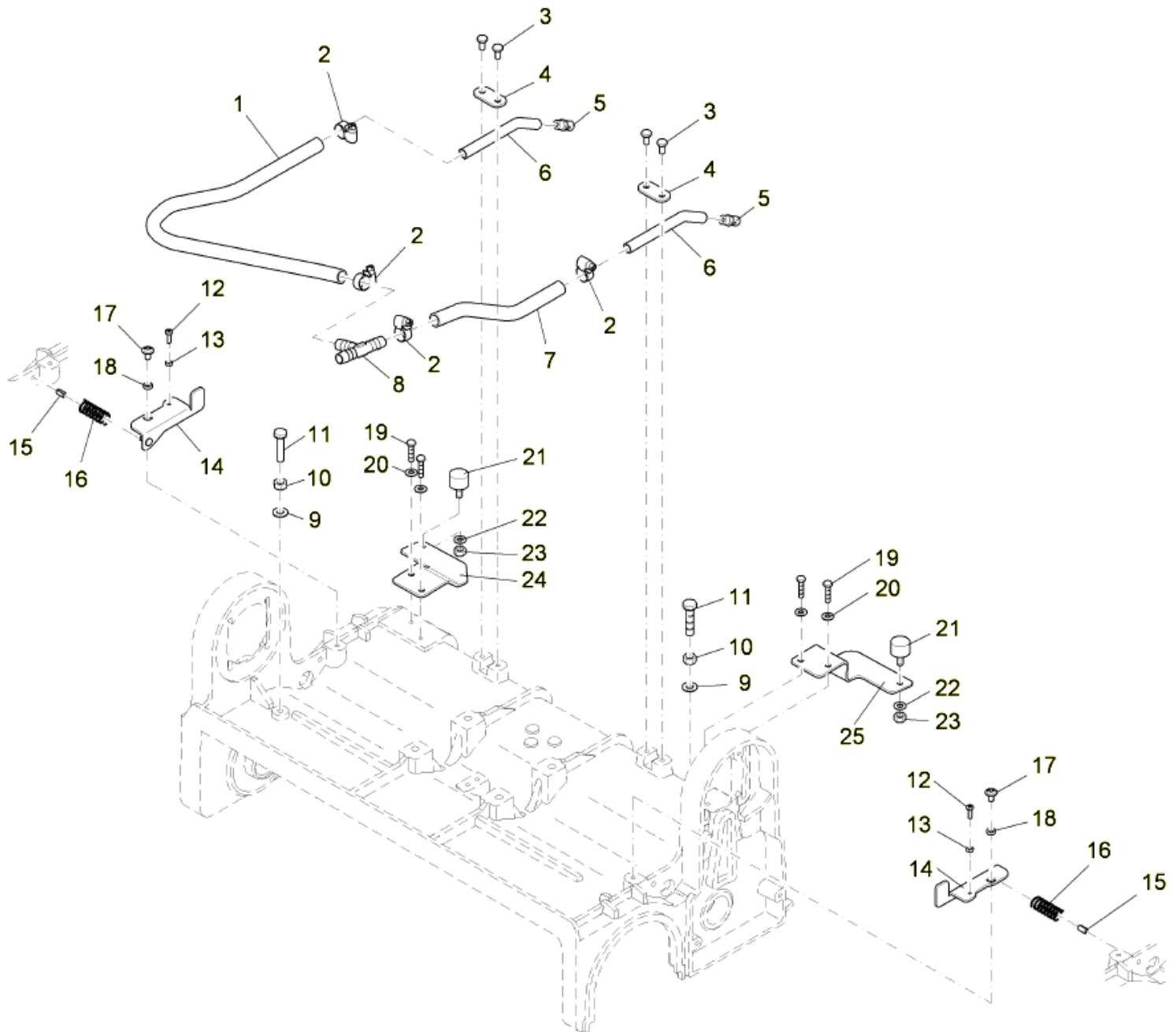
Cylindrical Brush Drive Assembly (01072560)



Cylindrical Brush Drive Assembly (01072560)

Item	Part Number	Description	Qty.	Note
1	01078820	Circlip	2	
2	01076560	Grooved Ball Bearing	2	
3	01077520	Bushing	1	
4	00124220	Ring	1	
5	01077550	Bushing	1	
6	00054310	Retaining Ring	1	
7	01077540	Bushing	1	
8	01077530	Shaft Brush Drive	1	

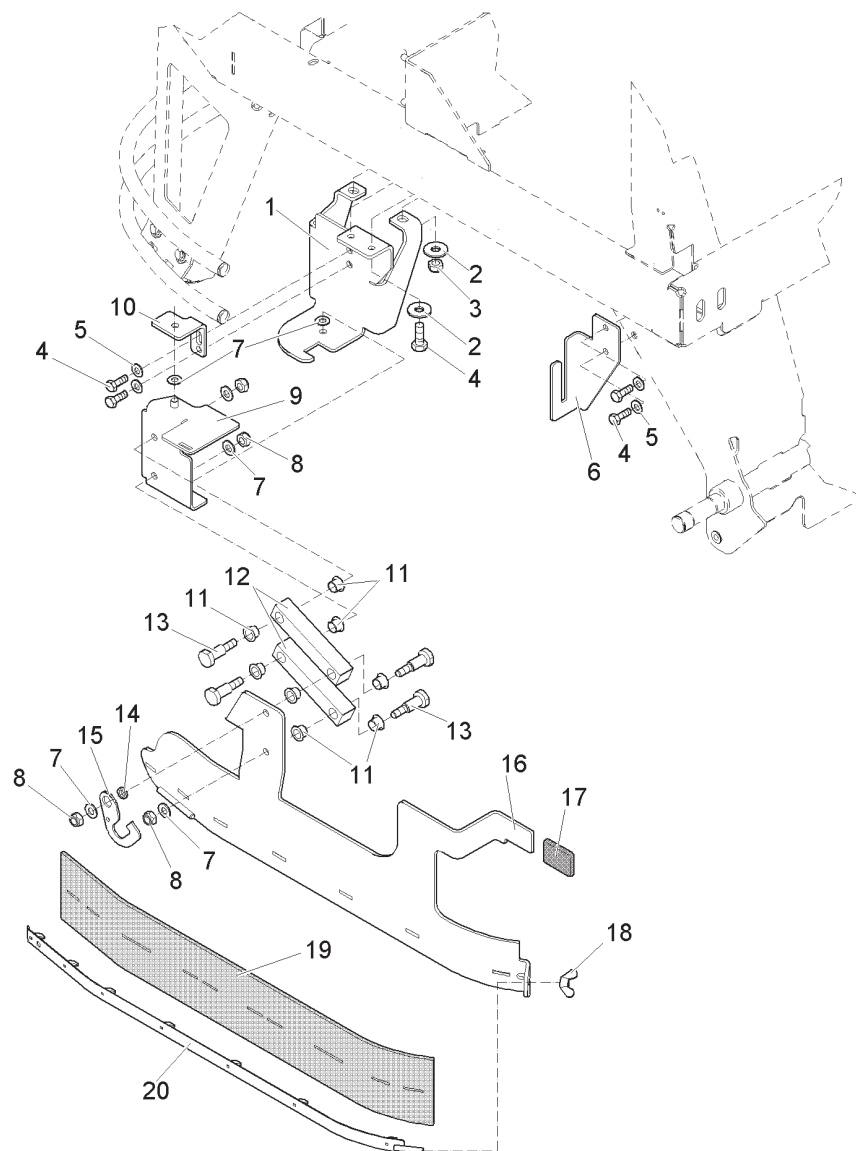
Cylindrical Brush Drive Head - Plumbing (97093397 Part 4)



Cylindrical Brush Drive Head - Plumbing (97093397 Part 3)

Item	Part Number	Description	Qty.	Remarks
1	00171030	Hose 12x2 PVC-transp.	520mm	
2	00074300	Hose clamp A-8-16x 9-W2-2	1	
3	01071750	Hexagon screw M6X12-A2-70	1	
4	01072500	Clamping sheet metal	2	
5	01072640	Jet 1-8 K5	2	
6	01072630	Pipe	2	
7	0171030	Hose 12x2 PVC-transp.	240mm	
8	00976160	T-piece TS12	1	
9	00101550	Washer B8,4-140Hv-A2	2	
10	00971400	Hexagon nut M8-A4	2	
11	00523810	Hex bolt M8x35-A2	2	
12	01072260	Fillister-head screw M4x14-A2-70-H	1	
13	01072510	Hex. Nut	2	
14	01072620	Lever, cpl.	2	
15	00107140	Dowel pin 6x12 A2G	2	
16	00550870	Pressure spring	2	
17	01072520	Lens flange screw 6kt.M6x10-A2	1	
18	01073360	Bushing	2	
19	01071750	Hexagon screw M6X12-A2-70	1	
20	00102150	Washer B6,4-140HV-A2	4	
21	00854090	Stop buffer 60 Shore A	2	
22	00053730	Washer A6,4-140HV-St A2G	1	
23	00051520	Hexagon nut M6-6 A2G	4	
24	01075330	Angle	1	
25	01072650	Angle	1	

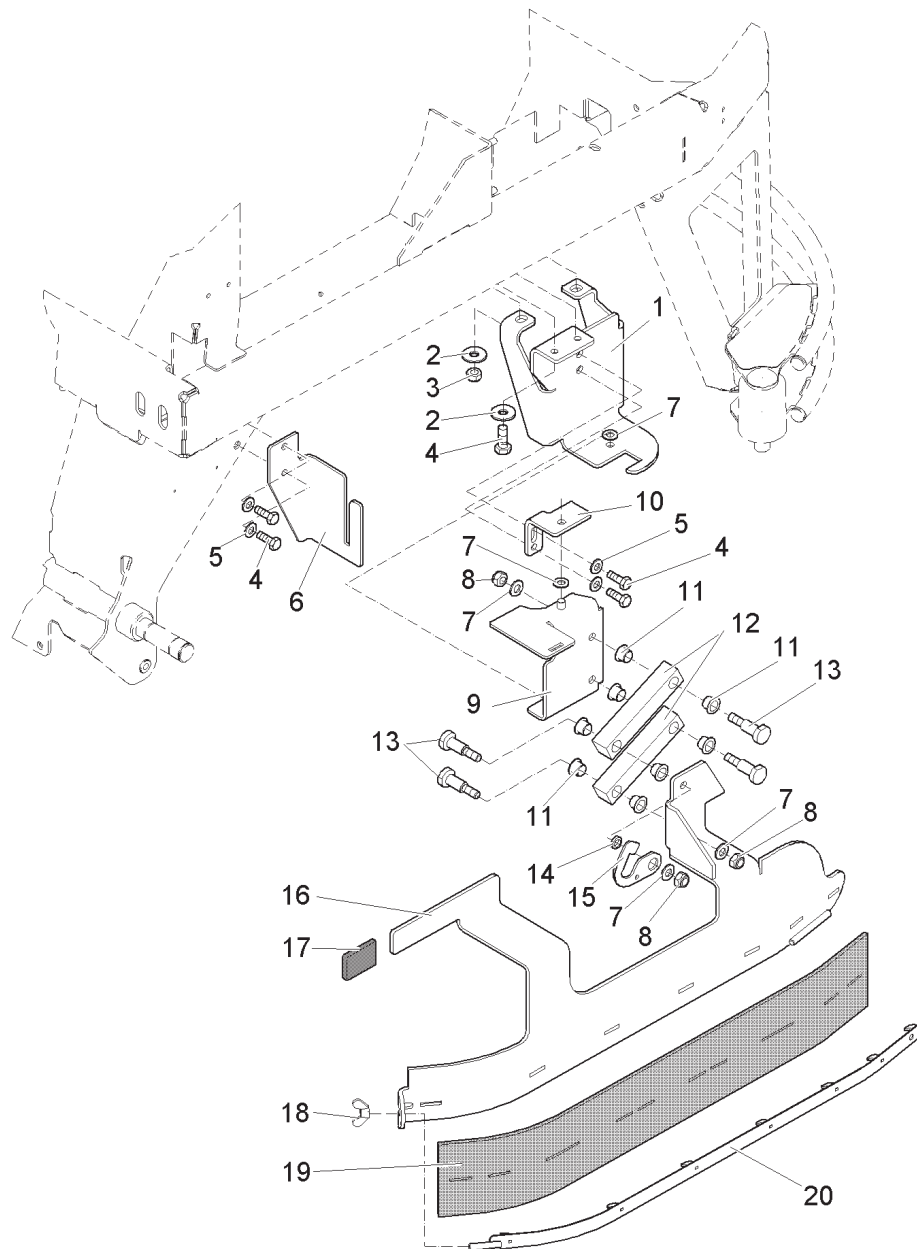
Side Squeegee Assembly LH (99709043BT120)



Side Squeegee Assembly LH (99709043BT120)

Item	Part Number	Description	Qty.	Note
1	01074170	Holder L.H., cpl.	1	
2	00042900	Washer	8	
3	00051510	Hexagon Nut	4	
4	00131730	Hex Bolt	12	
5	00053750	Washer	8	
6	01074180	Angle L.H.	1	
7	00053760	Washer	8	
8	00051500	Hexagon Nut	4	
9	01074190	Swivel Arm L.H., cpl.	1	
10	01074200	Angle, L.H.	1	
11	01073860	Slide Bearing Bushing	8	
12	01073870	Lever	2	
13	01073910	Fitting Screw	4	
14	01074210	Bushing	1	
15	01074220	Catch	1	
16	01074230	Strut L.H., cpl.	1	
17	01074240	Cap	1	
18	00153350	Wing Nut	1	
19	01074250	Blade Side Squeegee	1	
20	01074260	Tightening Strap	1	

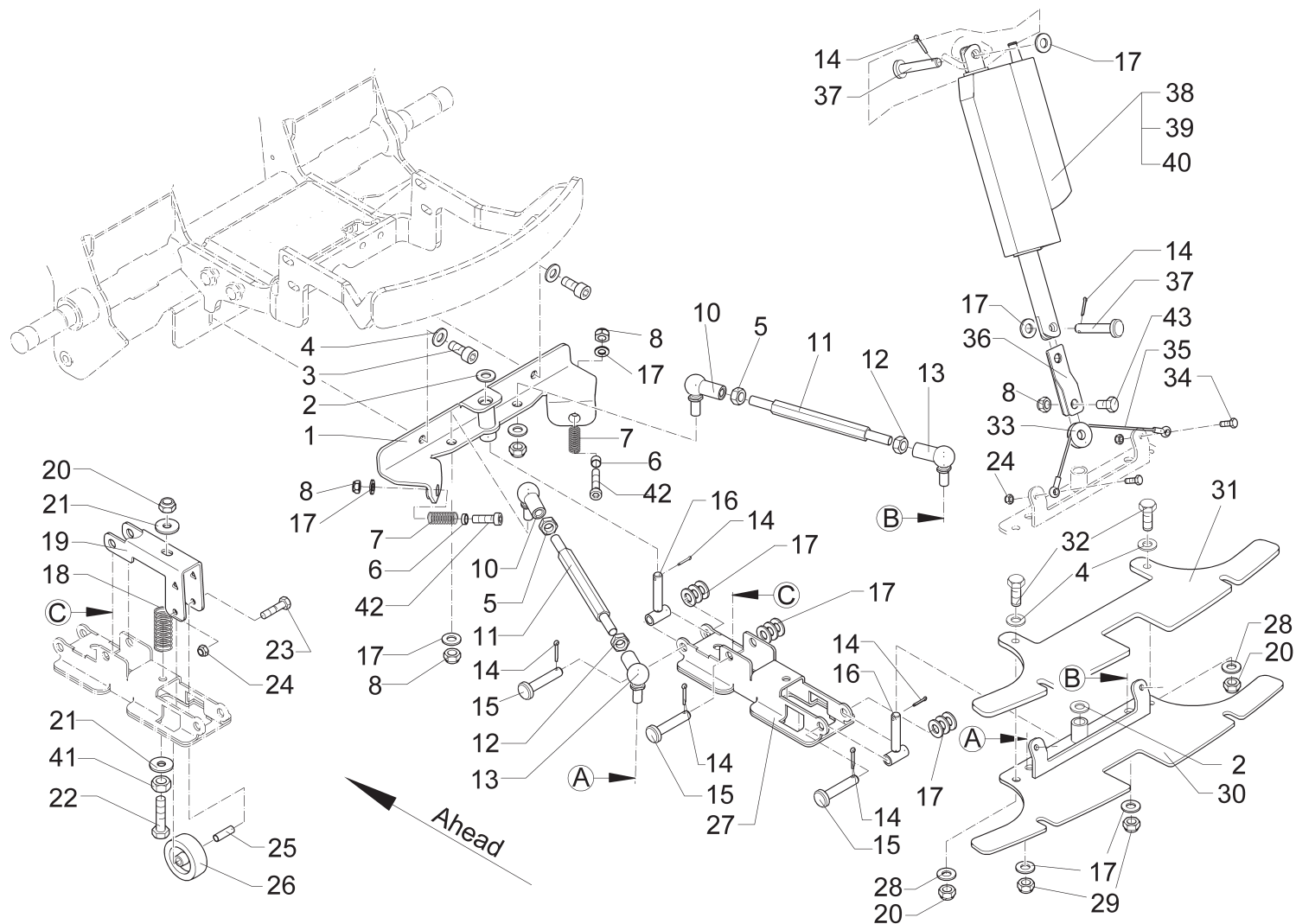
Side Squeegee Assembly RH (99709043BT130)



Side Squeegee Assembly RH (99709043BT130)

Item	Part Number	Description	Qty.	Note
1	01074270	Holder R.H., cpl.	1	
2	00042900	Washer	8	
3	00051510	Hexagon Nut	4	
4	00131730	Hex Bolt	12	
5	00053750	Washer	8	
6	01074280	Angle R.H.	1	
7	00053760	Washer	8	
8	00051500	Hexagon Nut	4	
9	01074290	Swivel Arm R.H., cpl.	1	
10	01074300	Angle, R.H.	1	
11	01073860	Slide Bearing Bushing	8	
12	01073870	Lever	2	
13	01073910	Fitting Screw	4	
14	01074210	Bushing	1	
15	01074220	Catch	1	
16	01074310	Strut R.H.	1	
17	01074240	Cap	1	
18	00153350	Wing Nut	1	
19	01074250	Blade Squeegee Side	1	
20	01074260	Tightening Strap	1	

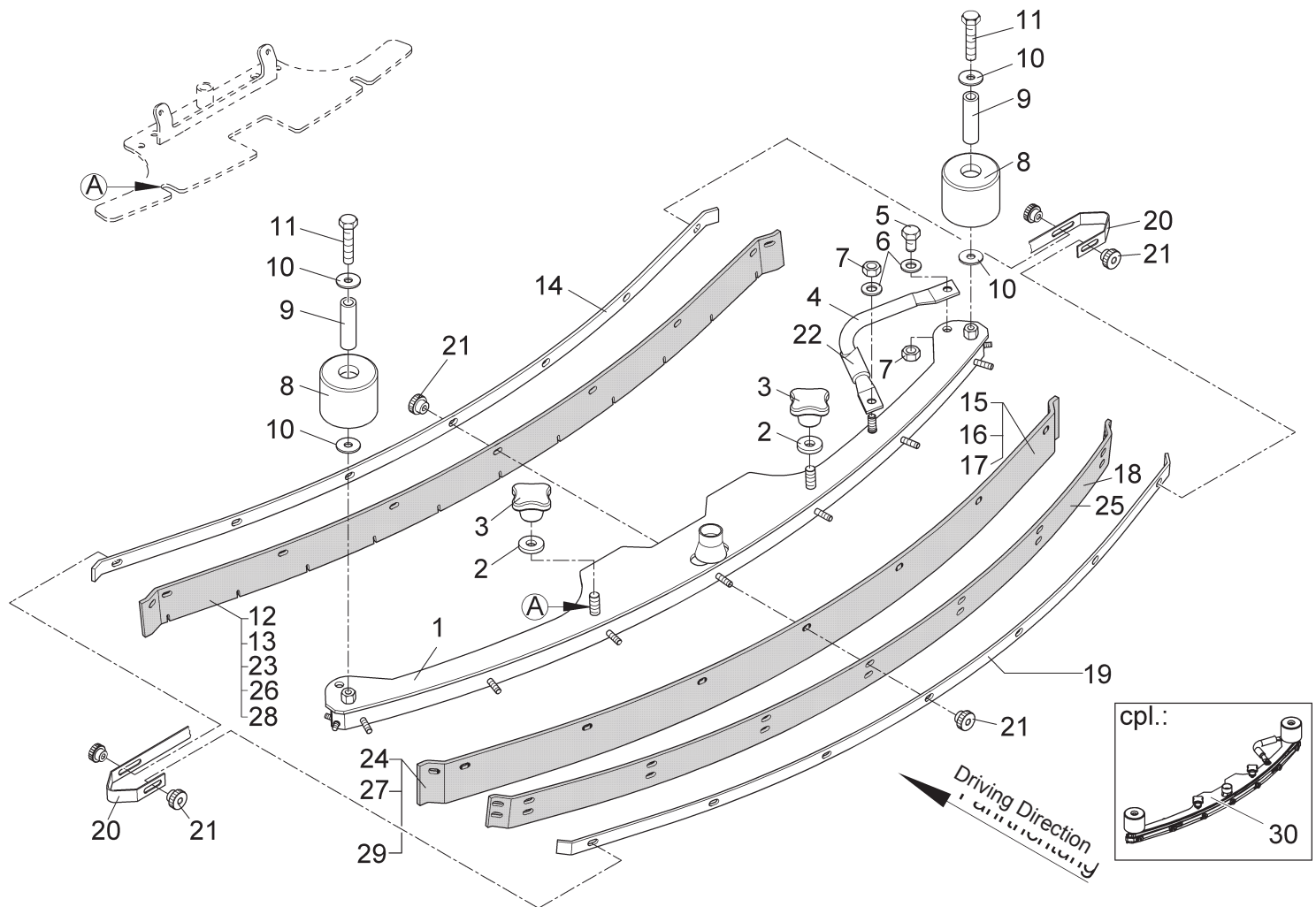
Squeegee Lift Assembly (99709043BT140)



Squeegee Lift Assembly (99709043BT140)

Item	Part Number	Description	Qty.	Note
1	01073110	Support, cpl.	1	
2	00053770	Washer	4	
3	00103300	Socket head screw	2	
4	00740090	Detent edged washer	2	
5	00053360	Hexagon nut	2	
6	01073100	Bushing	2	
7	01073090	Pressure spring	2	
8	00051500	Hexagon nut	7	
9	00527700	Angle joint	2	
10	01071460	Threaded rod	2	
11	00704470	Hex. Nut	2	
12	01071490	Angle joint	2	
13	00551410	Cotter pin	7	
14	00706440	Bolt	3	
15	01071500	Guide, cpl.	2	
16	00053760	Washer	19	
17	00550870	Pressure spring	1	
18	00974230	U-profil	1	
19	00051510	Hexagon nut	3	
20	00042900	Washer	2	
21	00053260	Hex bolt	1	
22	00053050	Hex bolt	1	
24	00051520	Hexagon nut	3	
25	00902560	Bushing	1	
26	00902580	Wheel	1	
27	01072910	Support, cpl.	1	
28	00053750	Washer	4	
29	00704470	Hex. Nut	2	
30	01071960	Plate, cpl.	1	
31	01071970	Sheet metal	1	
32	00053100	Hexagon screw	2	
33	01071510	Roller guide	1	
34	00154210	Hex bolt	2	
35	01071520	Guidance rope	1	
36	01071980	Support	1	
37	00539260	Bolt	2	
38	00712430	Lifting element	1	
39	00903190	Tab	2	
40	00903180	Plastic cover	1	
41	00046500	Hex. Nut	1	
42	00962430	Cylinder head screw	2	
43	00053310	Hexagon screw	1	

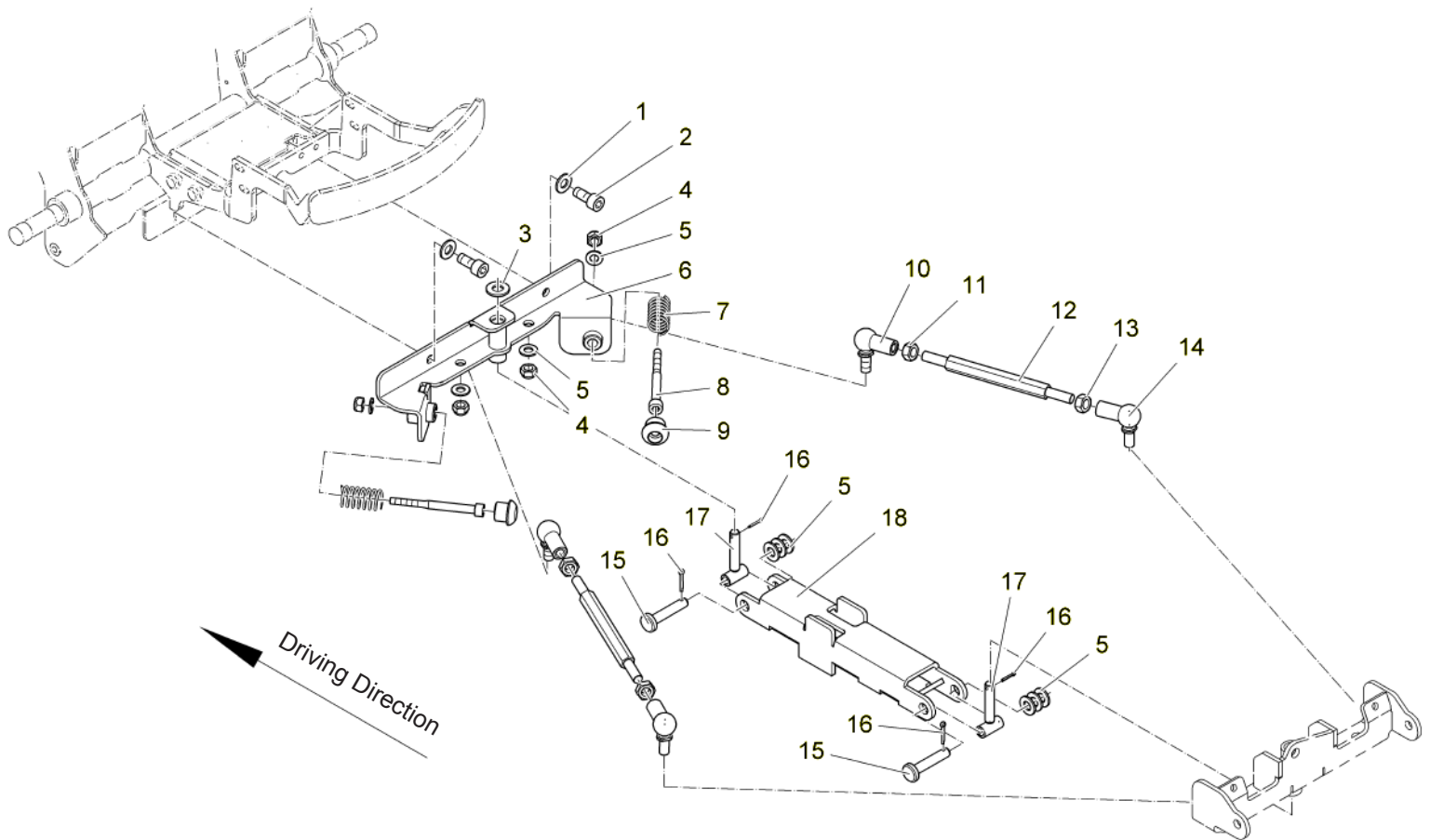
Squeegee Assembly (99709043BT150)



Squeegee Assembly (99709043BT150)

Item	Part Number	Description	Qty.	Note
1	01071990	Squeegee	1	
2	00972060	Star Washer	2	
3	00866720	Star Handle	2	
4	00911330	Handle	1	
5	00864230	Hex Bolt	1	
6	00053750	Washer	2	
7	00046500	Hex. Nut	2	
8	00976590	Roller	2	
9	00976580	Pipe	2	
10	00042900	Washer	4	
11	00557600	Hex Bolt	2	
12	00671600	Squeegee Blade Front, Standard	1	
13	01050390	Squeegee Blade Front, High	1	
14	00245920	Strap	1	
15	00670750	Squeegee Blade, Rear Standard	1	
16	00442500	Squeegee Blade, Rear, Soft	1	
17	01050400	Squeegee Blade, Rear, High	1	
18	00563350	Reinforcement Blade	1	
19	00245910	Strap	1	
20	01058060	U-Bow Clamp	2	
21	00903210	Knurled Nut	14	
22	00911270	Hose	1	
23	00442260	Squeegee Blade Front, Oil Resistant	1	
24	00442280	Squeegee Blade Rear, Oil Resistant	1	
25	00442300	Reinforcement Blade	1	
26	01075910	Slot Strip PUR	1	
27	01075920	Squeegee Blade Rear PUR	1	
28	01077060	Squeegee Blade Front, Linatex	1	
29	01077010	Squeegee Blade Rear, Linatex	1	
30	01079150	Squeegee Assembly Complete	1	

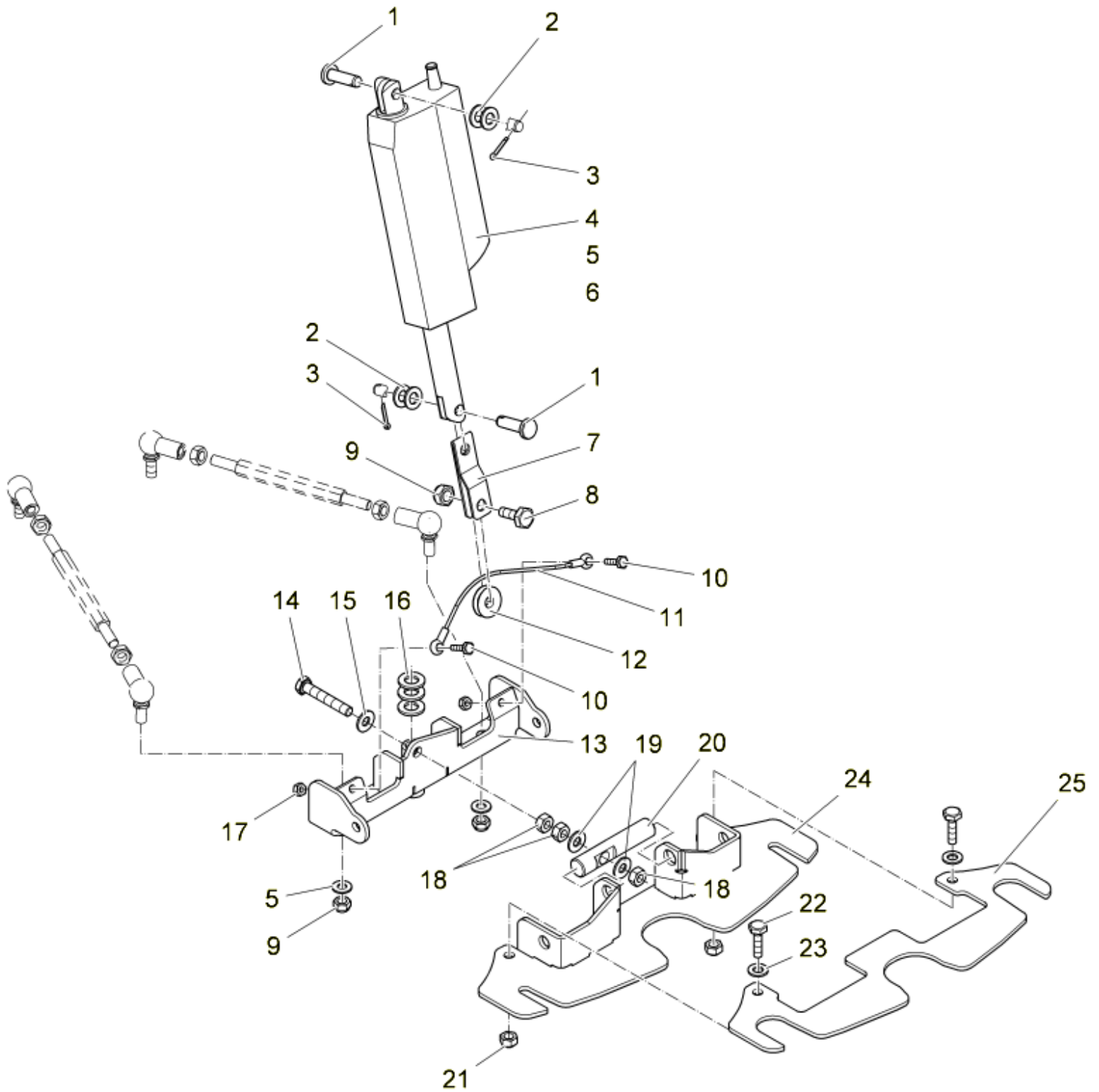
Lifting Assembly Suction Base Unit Part 1 (97100556-1-7090-01)



Lifting Assembly Suction Base Unit Part 1 (97100556-1-7090-01)

Item	Part Number	Description	Qty.	Note
1	00740090	Detent edged washer SKM-8-8.8	2	
2	00103300	Socket head screw M8x25-8.8 A2G	2	
3	00053770	Washer A13-140HV-St A2G	1	
4	00051500	Hexagon nut M10-6 A2G	4	
5	00053760	Washer A10,5-140HV-St A2G	4	
6	01073110	Support, cpl.	1	
7	XXXXXXXX	No Part-No.	2	90538307 Pressure spring
8	00927270	Cylinder head screw M10x110-10.9 A3G	8	
9	01073100	Bushing	2	
10	00527700	Angle joint CS16 A2G	2	
11	00053360	Hexagon nut M10-8 A3G	2	
12	01071460	Threaded rod	2	
13	00704470	Hex. Nut M10LH-8 A3G	2	
14	01071490	Angle joint CS16-LH A2G	2	
15	00706440	Bolt B10h11x55-St A2G	2	
16	00551410	Cotter pin 3,2x16-St A3G	4	
17	01071500	Guide, cpl.	2	
18	01171410	Retainer	1	

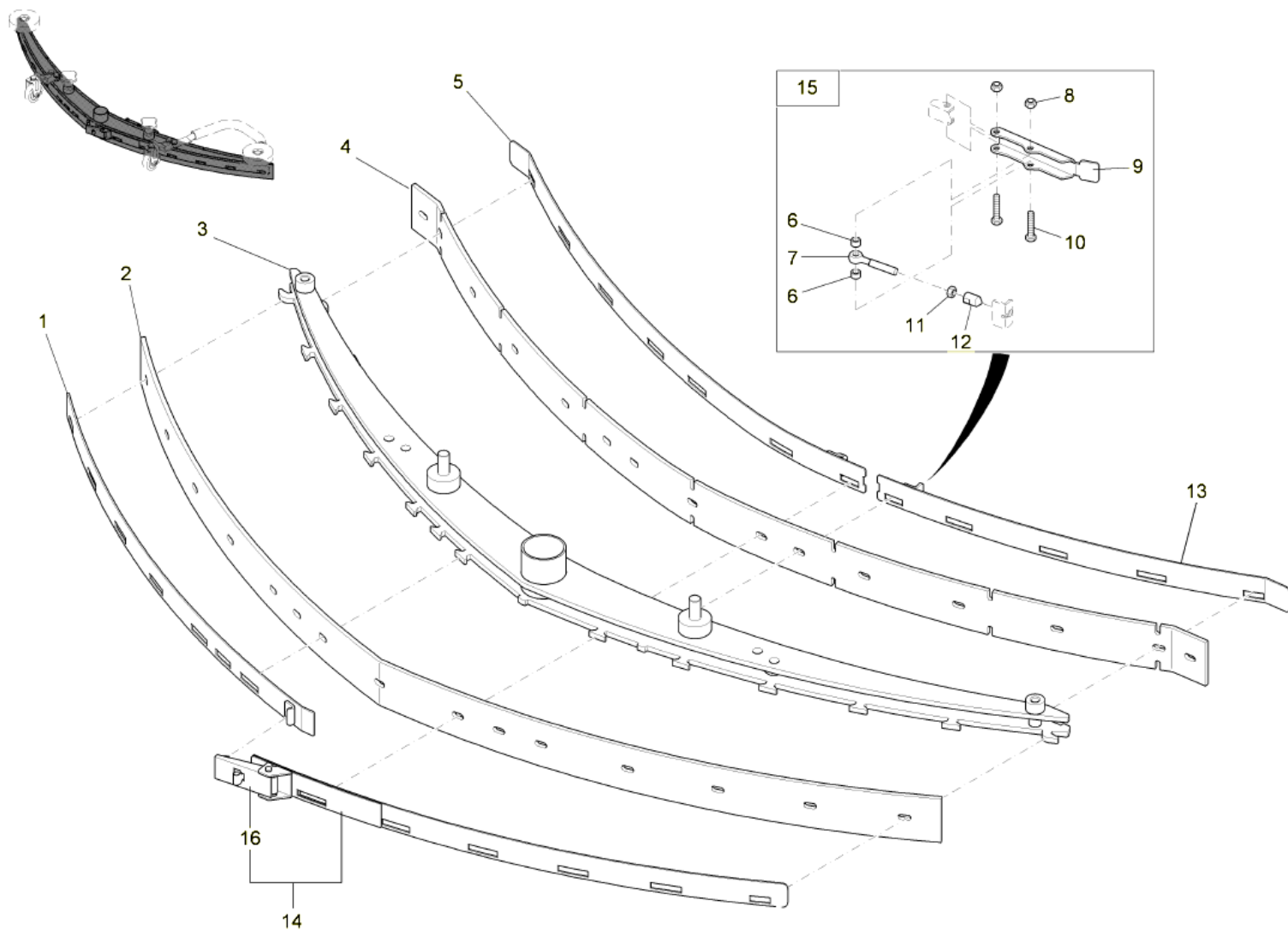
Lifting Assembly Suction Base Unit Part 2 (97100556-2-7090-01)



Lifting Assembly Suction Base Unit Part 2 (97100556-2-7090-01)

Item	Part Number	Description	Qty.	Note
1	00539260	Bolt B10m11x35-St A3G	2	
2	00053760	Washer A10,5-140HV-St A2G	4	
3	00551410	Cotter pin 3,2x16-St A3G	2	
4	00712430	Lifting element 24V	1	
5	00903190	Tab 6,3/1,5-2,5	1	
6	00903180	Plastic cover	1	
7	01071980	Support	1	
8	00053310	Hexagon screw M10x25 8.8 A3G	1	
9	00051500	Hexagon nut M10-6 A2G	1	
10	00854190	Hexagon screw M6x20-A2	2	
11	01071520	Guidance rope	1	
12	01071510	Roller guide	1	
13	01171420	Retainer	1	
14	00053260	Hex bolt M8x50-8.8 A2G	1	
15	00740090	Detent edged washer SKM-8-8.8	1	
16	00053770	Washer A13-140HV-St A2G	3	
17	00053330	Hexagon nut M6-8 A2G	2	
18	00053350	Hexagon nut M8-8 A2G	3	
19	00053750	Washer A8,4-140HV-St A2G	2	
20	01171510	Pivot bolt	1	
21	00051510	Hexagon nut M8	2	
22	00053100	Hexagon screw M8x25-8.8 A2G	2	
23	00053750	Washer A8,4-140HV-St A2G	2	
24	01171430	Plate	1	
25	01171500	Sheet metal	1	

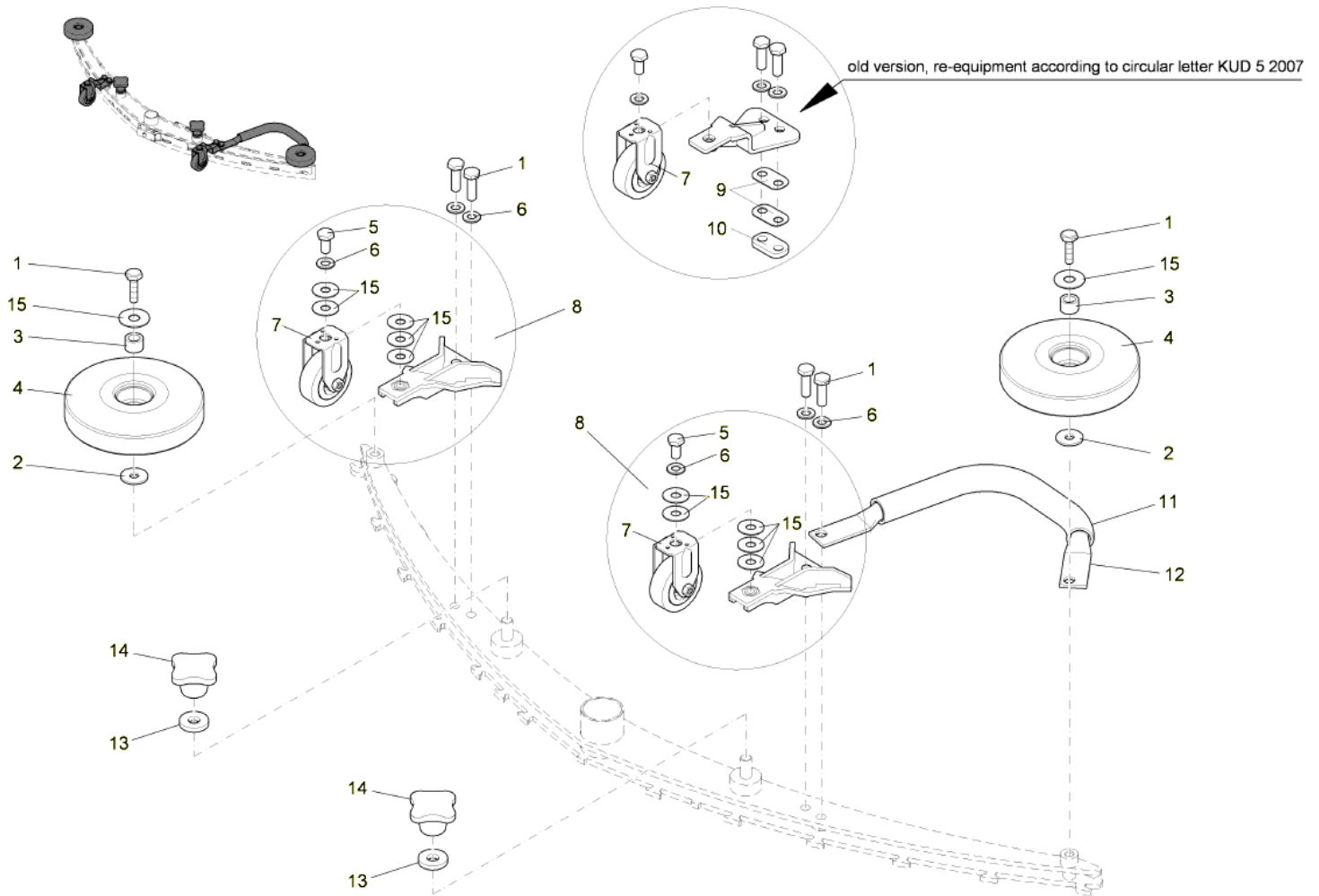
Squeegee 95cm (97094502 Part 1)



Squeegee 95cm (97094502 Part 1)

Item	Part Number	Description	Qty.	Note
1	01077660	Rear tension band	1	
2	01077480	Sealing strip	1	
3	01077940	Suction unit	1	
4	01077470	Slot strip	1	
5	01077650	Front tension band	1	
6	01077590	Bushing	2	
7	01077500	Eye bolt BM5x40-A4	1	
8	01017660	Hex Nut M5-A2-70	2	
9	01077580	Lever	1	
10	01079890	Hexagon screw M5x30-A2-70	2	
11	00902250	Hex Nut M5-A4	1	
12	01078090	Pressure piece	1	
13	01077640	Front tension band	1	
14	01077670	Rear tension band	1	
15	00009010	Lock suction unit	1	
16	01171810	Lock	1	

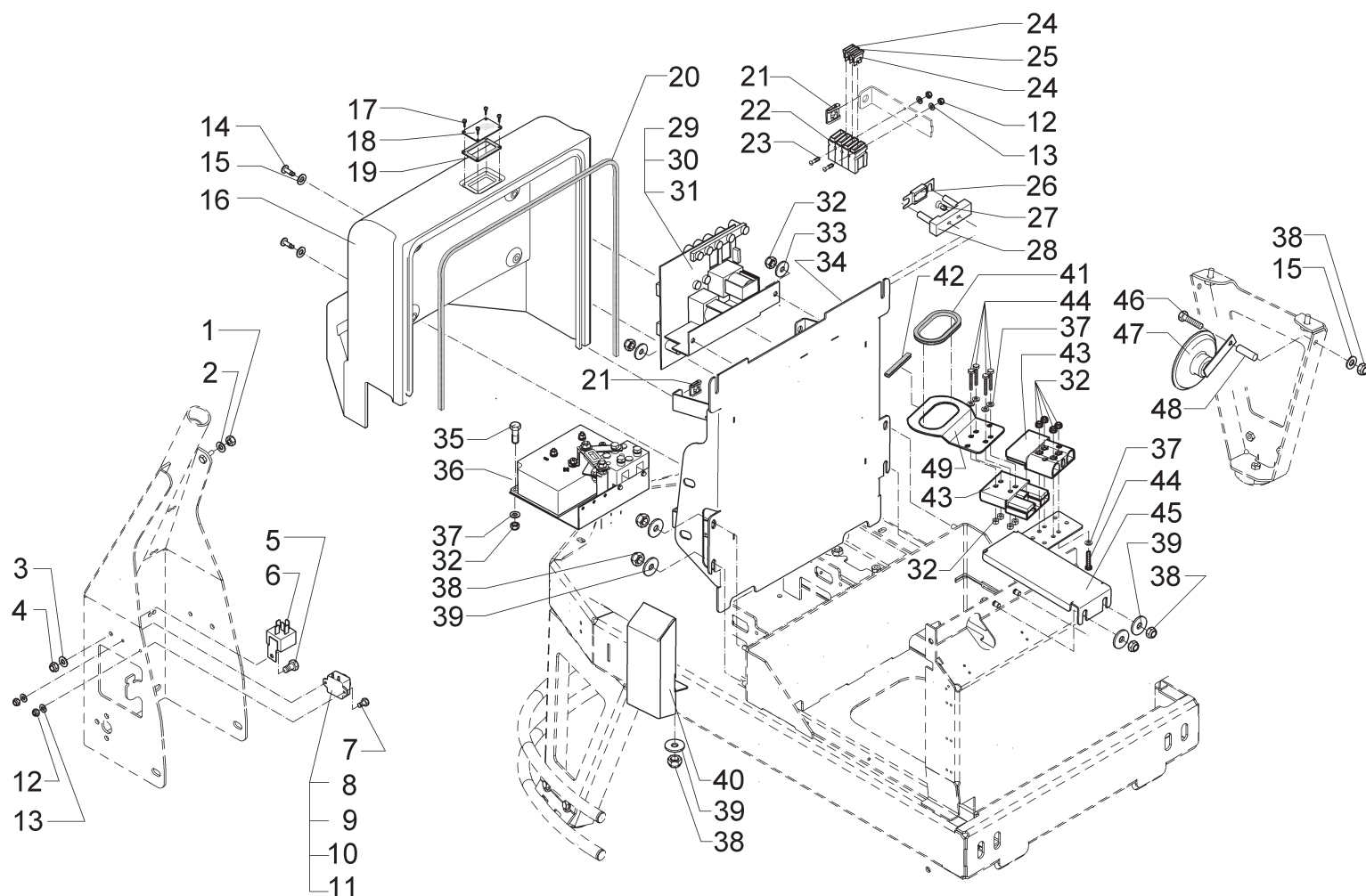
Squeegee 95cm (97094502 Part 2)



Squeegee 95cm (97094502 Part 2)

Item	Part Number	Description	Qty.	Note
1	01059530	Hexagon screw M8X25-A2-70	6	
2	00902280	Washer 8,4-140HV-A4	2	
3	00879030	Pipe	2	
4	01171790	Deflector roller	2	
5	01071740	Hex bolt M8X16-A2	2	
6	00101550	Washer B8,4-140Hv-A2	4	
7	01077810	Fixed castor	2	
8	01079070	Fixed castor	2	
9	01077610	Distance piece	2	
10	01077600	Distance piece	1	
11	00911270	Hose 19x2,5	250mm	
12	01077620	Bracket	1	
13	00972060	Disk wheel	2	
14	00866720	Star handle M10	2	
15	01079080	Spacer	10	

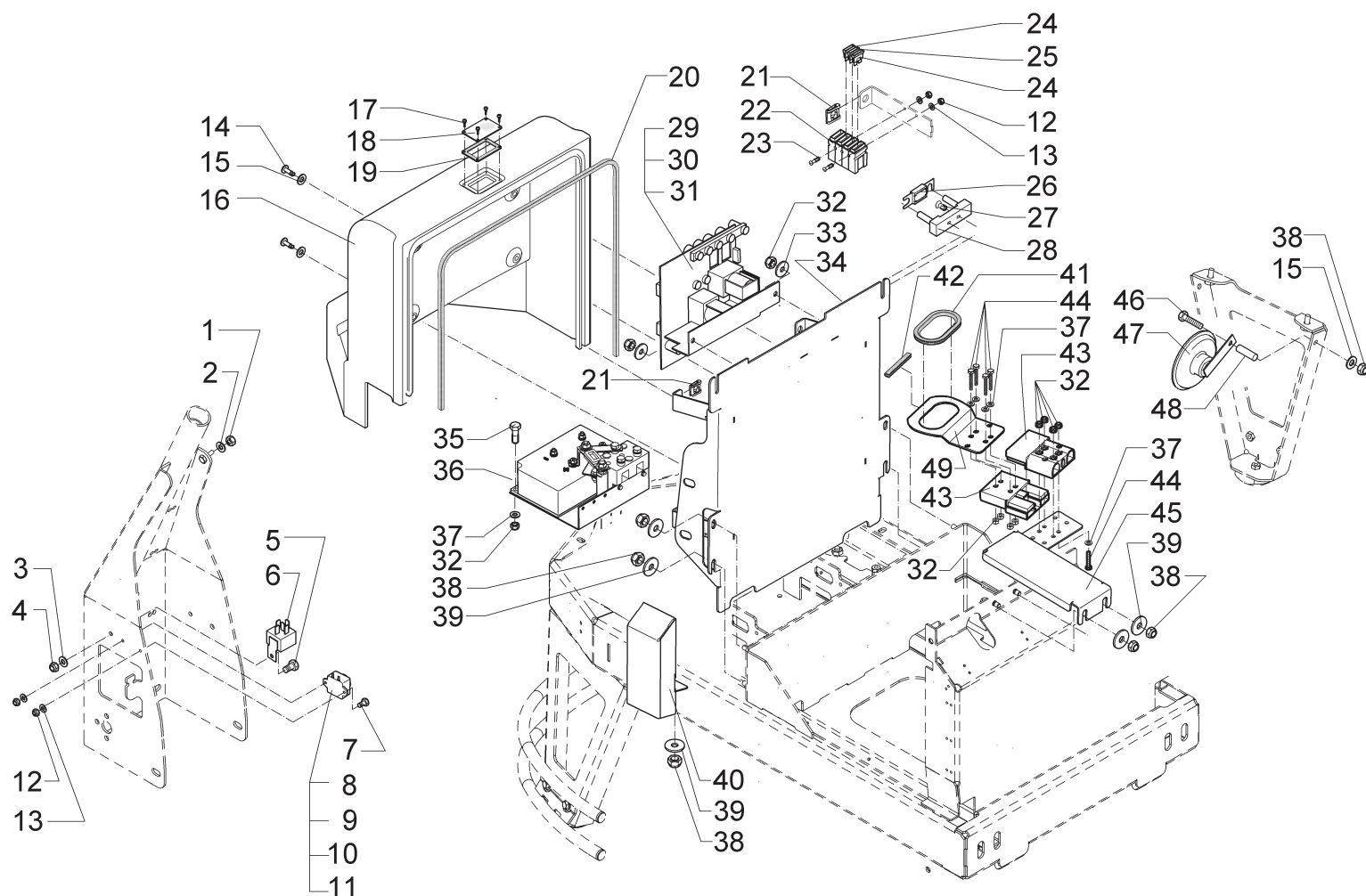
Control Box Electrical (99709043BT160)



Control Box Electrical (99709043BT160)

Item	Part Number	Description	Qty.	Note
1	00053330	Hexagon Nut	1	
2	01072030	Toothed Washer	1	
3	00053720	Washer	1	
4	00051340	Hexagon Nut	1	
5	00152800	Hex Bolt	1	
6	00965030	Relay	1	
7	00042350	Hex Bolt	2	
8	00745850	Signal Transmitter	1	
9	00121010	Cable Tie	1	
10	00903180	Plastic Cover	1	
11	00903170	Tab	2	
12	00022200	Hex. Nut	4	
13	00553740	Washer	4	
14	00740900	Tapping Screw	2	
15	00053750	Washer	5	
16	03000530	Cover Control Box	1	
17	00902430	Self Tapping Screw	4	
18	01072050	Inspection Glass	1	
19	01072060	Seal	1	
20	00740410	Cord Gasket	1150mm	
21	XXXXXXXX	No Part-No.	4	12181137 Snap Nut 6,3
22	00733650	Fuse Holder	3	
23	01072070	Phillips Head Screw	2	
24	00733630	Fuse	2	
25	00509550	Fuse	1	
26	00059580	Fuse	1	

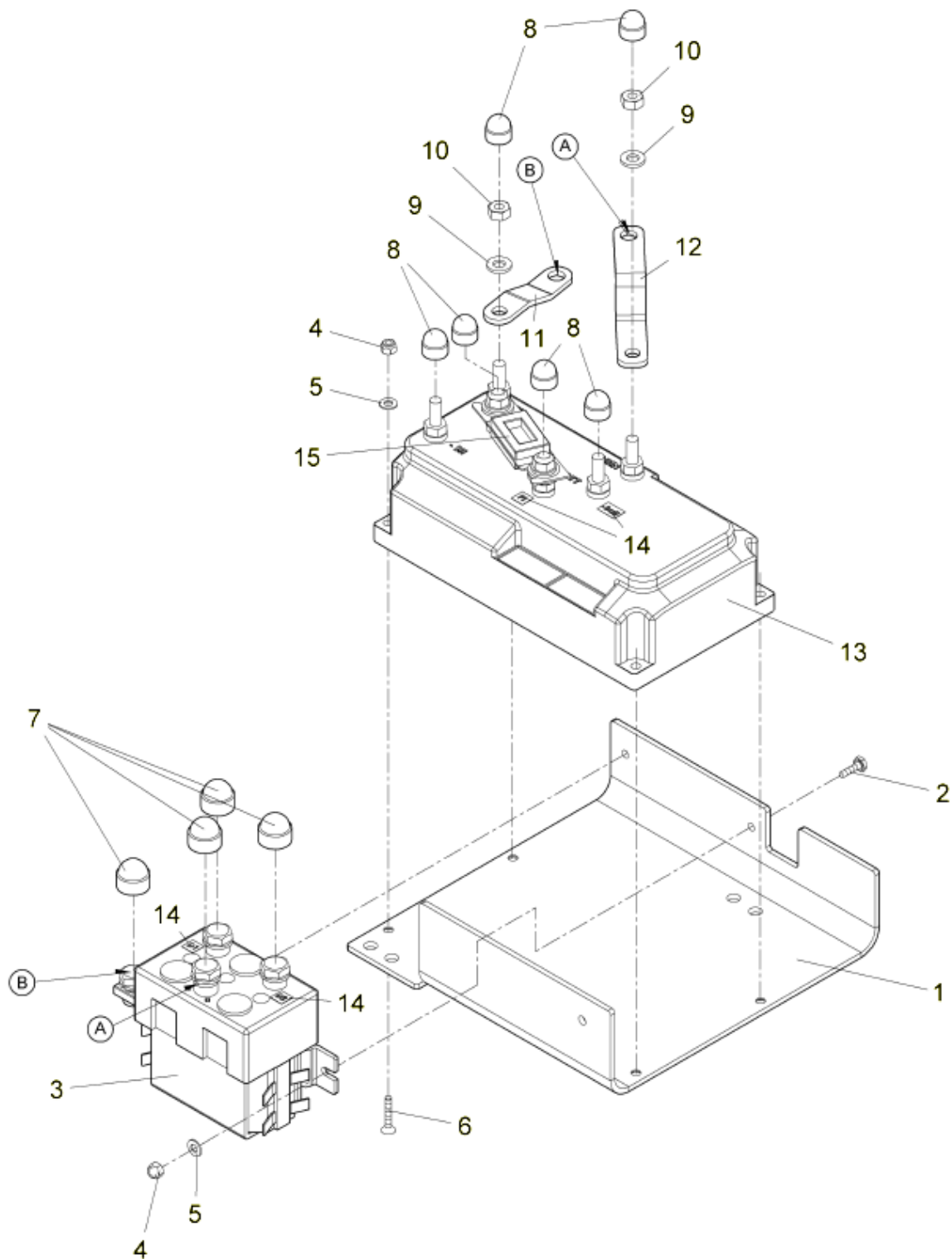
Control Box Electrical (99709043BT160) - Continued



Control Box Electrical (99709043BT160) - Continued

Item	Part Number	Description	Qty.	Note
27	00157110	Tapping Screw	2	
28	00121440	Fuse Holder	1	
29	00752920	Module	1	
30	00744700	Fuse	2	
31	00876690	Fuse	2	
32	00051520	Hexagon Nut	12	
33	00135120	Washer	2	
34	03000540	Electronic Box	1	
35	00053020	Hexagon Screw	2	
36		Drive Controller Zapi cpl.	1	See BT161
37	00053730	Washer	6	
38	00051510	Hexagon Nut	8	
39	00042900	Washer	7	
40	03000550	Ventilation Duct	1	
41	00721090	Edge Protection	2220mm	
42	00721090	Edge Protection	700mm	
43	00954520	Charging Connector	2	
44	00053290	Hexagon Screw	4	
45	XXXXXXXX	No Part-No.	1	90534579 Retainer
46	00074260	Hex Bolt	1	
47	00852420	Horn	1	
48	00073410	Bushing	1	
49	XXXXXXXX	No Part-No.	1	90535022 Handle

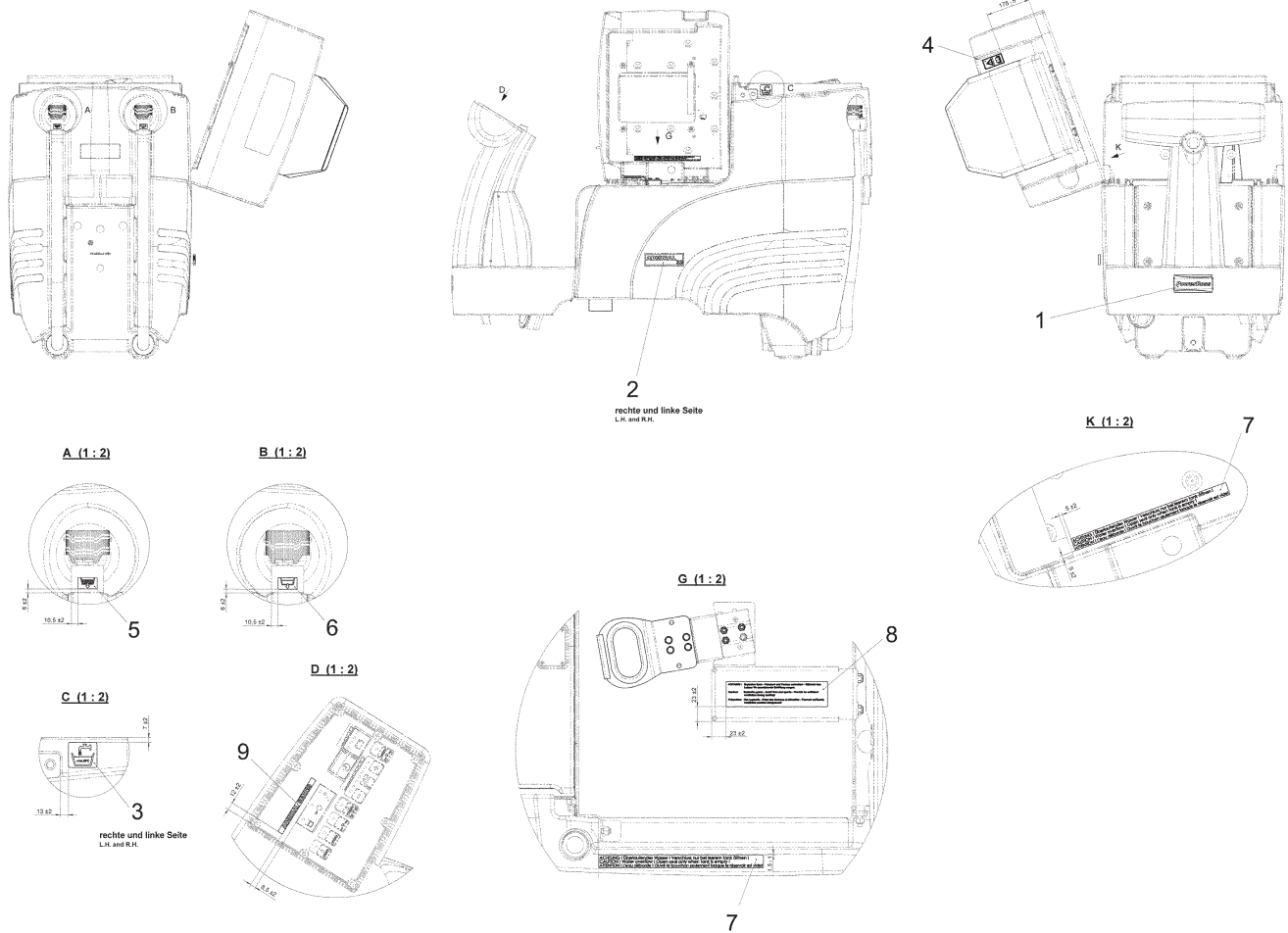
Drive Control Assembly (01072090)



Drive Control Assembly (01072090)

Item	Part Number	Description	Qty.	Note
1	01079020	Angle Plate	1	
2	00023080	Hex Bolt	2	
3	01079030	Reversion Contactor	1	
4	00133830	Hex. Nut	6	
5	00053710	Washer	6	
6	00551120	Screw	4	
7	00131610	Lens Cap	4	
8	00525910	Lens Cap	6	
9	00053730	Washer	2	
10	00053330	Hexagon Nut	2	
11	01079050	Current Bar	1	Connection to Connection Point "FR" of Drive Control
12	01079040	Current Bar	1	Connection to connection point "VMN" of drive control
13	01079060	Driving Control	1	
14	03003000	Transparency	4	
15	01058960	Fuse	1	

Decals BT170



99709043BT170 Decal Description

Item	Part Number	Description	Qty.	Note
1	03008970	Decal POWERBOSS	2	17201179 Decal POWERBOSS
2	03008980	Decal ADMIRAL 30	1	17205188 Decal ADMIRAL 30
3	01074400	Decal caustic solution tank	2	
4	01071710	Decal "Instruction manual"	1	
5	01170060	Decal FOUL WATER	1	17264888 Recovery Tank
6	01170150	Decal SOLUTION TANK	1	17264896 Solution Tank
7	01175810	Decal CAUTION	2	17269746 Decal
8	01174740	Decal EXPLOSIVE GASE	1	17267139 Decal
9	03008010	Decal ADMIRAL SERIES	1	17205162 Decal ADMIRAL SERIES

Circuit Diagram Reference

Admiral 28 & 30

Valid from: August 05, 2007

Updated: September 11, 2009

Electrical parts reference list for Admiral 28 & 30. No on-board charger. (ref. Page 3)

Refer to parts manual for detailed assembly drawing.

X part numbers for connectors reference the components side only.

Ref.	Designation	Part Number	Path
A1	Control unit (electronic module only), function control	01175790	3.30
A3	Control panel (electronic module only) standard	00712220	3.23/3.32
Admiral 32	Complete control panel for plate brush comprising: control unit (A1 electronic module), and control panel (A3 electronic module, plate and foil) or	97077002	3.32
Admiral 30	Complete control panel for cylinder brush comprising: control unit (A1 electronic module), and control panel (A3 electronic module, plate and foil)	97079338	3.23
B1	Alarm (Piezo buzzer) (signal transmitter)	00745850	3.38
E1	Work light (Work light OPTION- 7092)	90434457	3.10
E2	Warning beacon, Strobe (Warning beacon OPTION- 7091)	90415019	3.4
F1	Fuse, 10A- Control voltage	00733630	3.21
F2	Fuse, 125A- Main	00059580	3.20
F3	Fuse, 7.5A- Horn	00509550	3.19
F6	Fuse, 10A- Work light (work light OPTION) or Warning beacon (Warning Beacon OPTION)		
G1	Battery 24V (standard), Wet 6V 275Ah (4 required)	957747	3.3
G1	Battery 24V (optional), Wet 6V 325Ah (4 required)	956744	3.3
H1	Horn	00852420	3.16
K2	Relay (Warning beacon OPTION- 7091)	00965030	3.2
K3	Flasher relay- Strobe (Warning beacon OPTION- 7091)	01073270	3.2
R2	Terminating resistor CAN bus 120Ω	90266925	3.27
S1	Key switch	90323437	3.23
S2	Horn button (press switch)	00133770	3.15
S3	Work light switch (Work light OPTION- 7092) (rotary switch)	00509590	3.7
S3	Warning beacon switch (Warning beacon OPTION- 7091) (rotary switch)	01073320	3.13
S4	Float switch, Recovery tank (soiled water)	00861620	3.14
S5	Seat switch, Standard seat (micro switch)	01073290	3.22
S5	Seat switch, Comfort seat (Comfort seat OPTION- 7093)	90293317	3.24
S6	Parking brake switch (stop light switch)	00028680	3.20
V1	Diode, Recovery for horn	90194879	3.19
V2	Diode (Warning beacon OPTION)	90194879	3.6
X1	Battery connector, 175A (2 per machine)	00954520	3.1
X5	Connector plug, Float switch- recovery tank (soiled water tank filled), 2 pin	19791128	3.13
X7	Connector plug, alarm (buzzer), 2 pin (female)	19791128	3.37
X9	Distribution block, Negative potential	00981100	3.3
X10	Connector, Warning beacon, 2 pin	19791128	3.8
X11	Connector, Work light, 2 pin	19791128	3.10
X17	Connector, On board charger, 2 pin	19791128	3.23
	RED= NON-Stock Item		

Circuit Diagram Reference

Admiral 28 & 30

Valid from: August 05, 2007

Updated: September 11, 2009

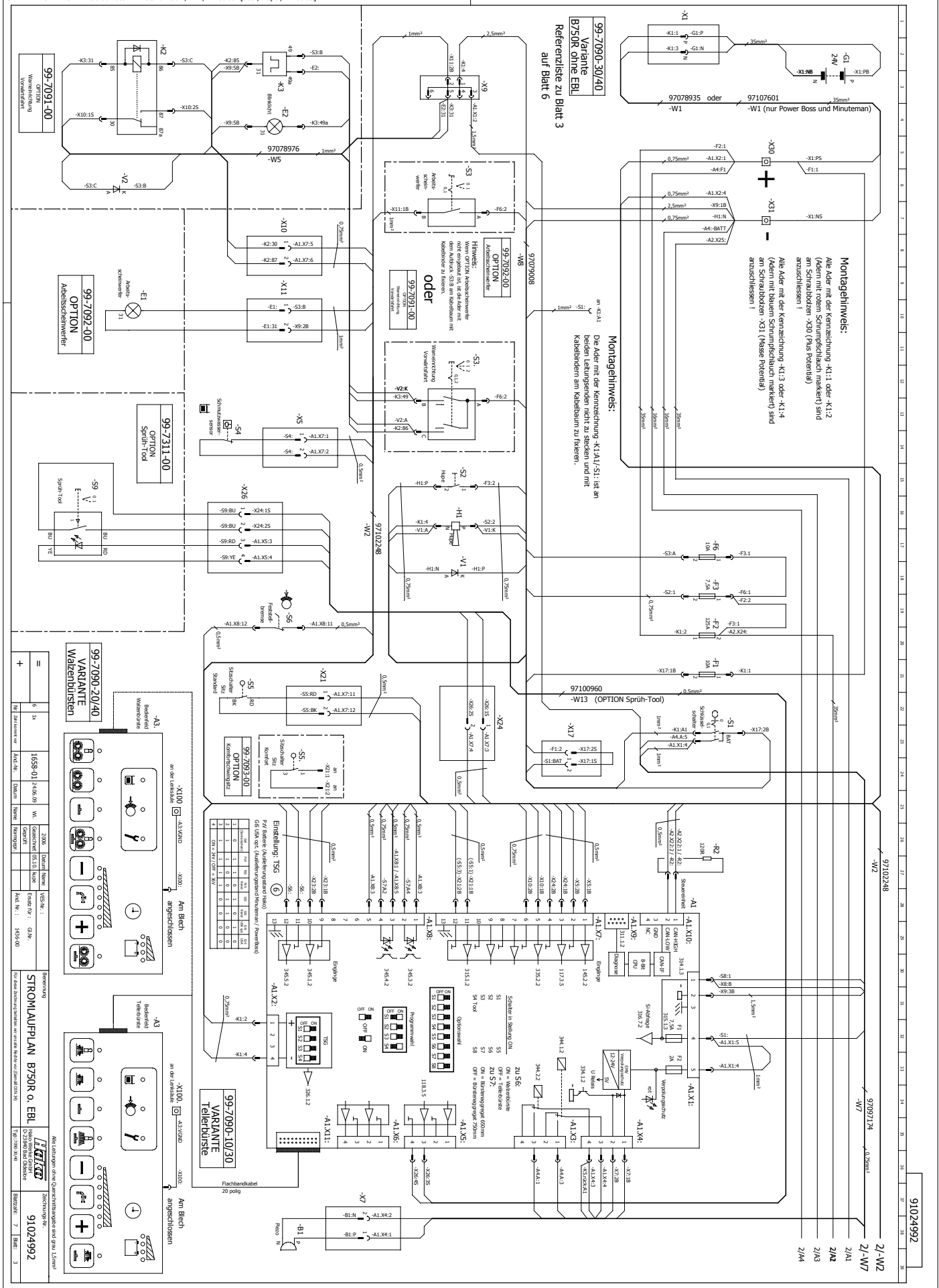
Electrical parts reference list for Admiral 28 & 30. No on-board charger. (ref. Page 3)

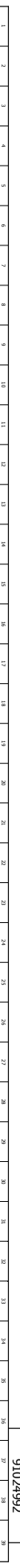
Refer to parts manual for detailed assembly drawing.

X part numbers for connectors reference the components side only.

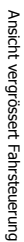
Ref.	Designation	Part Number	Path
X21	Connector, Seat switch, 2 pin	19791128	3.21
X30	Connecting stud, Positive potential	00744670	3.5
X31	Connecting stud, Negative potential	00744670	3.7
X100	Connecting terminal for steering column virtual frame		3.25/3.34
A2	Module 1, power motors	00752920	4.17
A4	Drive controller	01079060	4.5
K5	Relay, Forward / Reverse direction	01079030	4.9
M1	Drive motor	01070960	4.11
M1.S1	Thermal switch, drive motor	part of M1	4.11
M2	Vacuum motor (suction turbine)	00543510	4.28
M3	Disk brush motor (plate motor) Admiral 32	01070930	4.36
M3.S1	Thermal switch M3, disk brush motor (plate motor)	part of M3	4.37
M5	Cylindrical brush motor 1, right side Admiral 30	01072450	4.36
M5.S1	Thermal switch, cylinder brush motor 1, right side	part of M5	4.37
M6	Cylindrical brush motor 2, left side Admiral 30	01072450	4.36
M6.S1	Thermal switch, cylinder brush motor 2, left side	part of M6	4.37
M7	Actuator, squeegee (lifting element)	01071820	4.28
M8	Water pump	97047310	4.24
M9	Actuator, scrub deck (motor scrub head lift)	01071820	4.33
R1	Drive potentiometer	01058390	4.4
R3	Terminating resistor CAN bus 120Ω	90266925	4.15
S7	Direction switch (switch)	00697630	4.10
S8	Potentiometer switch (micro switch)	00975510	4.4
X2	Connector, Drive potentiometer, 3 pin	00972399	4.5
X4	Connector, Brush motor temperature switch, 2 pin (female)	19791128	4.36/4.38
X8	Connector, A1.X1.1 to A2.X1, 1 pin	19791037	4.14
X12	Connector, Actuator brush deck (lifting element), 1 pin (female)	19791037	4.33
X13	Connector, Actuator brush deck (lifting element), 1 pin	19791037	4.35
X14	Connector, Actuator brush deck (lifting element), 1 pin	19791037	4.30
X15	Connector, Actuator brush deck (lifting element), 1 pin	19791037	4.32
X16	Connector, Actuator squeegee (lifting element), 2 pin	19791128	4.28
X20	Connector, Vacuum motor (suction turbine), 2 pin	19791128	4.28
X23	Connector, Drive motor thermal switch, 2 pin	19791128	4.11
Y1	Water valve	90435595	4.24
	RED= NON-Stock Item		

Circuit Diagram Admiral 28 (91024992 Part 1)





91024992



an
-M1:A2

Ansicht Y "-S7"

-S7:B... -S7:A...

Lage der Anschlussebenen

an an
-M1:D2 -M1:D1

an
-M1.D1

६

Ansicht Z "-K1"

bei Variante ohne On-Board-Ladegerät

Ansicht Z

Montagehinweis zu den Stehbolzen:
-X30 und -X31

-X30 und -X31

Das Relais -K1 entfällt, anstelle des Relais werden die Stehbolzen -X30 und -X31 unterhalb der Sicherung -F2 montiert.

Das Diagramm zeigt eine Draufsicht auf eine Dreifach-Wellenschleife. Es besteht aus drei konzentrischen Ringen. Der äußere Ring ist als 'Fachmutter' beschriftet. Der mittlere Ring ist als 'Ableitungen' beschriftet. Der innere Ring ist ebenfalls als 'Fachmutter' beschriftet. Die Zuleitung ist als 'Zuleitung' beschriftet. Die Wellenschleife ist als 'Wellenschleife' beschriftet. Die U-Schleife ist als 'U-Schleife' beschriftet.

Hochdruck GmbH D-23800 Breda Oldesloe										Typ: 2006 10/20/30/40		Blitzzahl 7		Blitz 7		Zeichnungs-Nr. 91024992	
Bemerkung										VRS-Nr.:		G.Nr.		STROMLAUFPLAN		B 750 R	
		Gezeichnet		05.10.2006		Kupfe		Ersatz für:									
		Datum		Name													
		1658-01		24.06.09													
		6		J.													
		=															
		Nr. Zahl kommt vor		Änd.-Nr.		Datum		Name		Normgepr.							

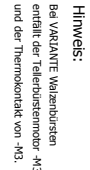
Circuit Schematic
Admiral 28 & 30
Models: ADM28CQP, ADM28C, 3343523, 3343523QP



Valid from: August 05, 2007
Updated: October 30, 2009

Ref.	Designation	Part Number	Path
A1	Control unit (electronic module only), function control	01175790	2.29
A2	Module 1, power motors	00752920	3.24
A3	Control panel (electronic module only) standard	00712220	2.23/2.32
-	Complete control panel for plate brush comprising: control unit (A1 electronic module), and control panel (A3 electronic module, plate and foil) or	97077002	2.32
-	Complete control panel for cylinder brush comprising: control unit (A1 electronic module), and control panel (A3 electronic module, plate and foil)	97079338	2.23
A4	Drive controller		3.12
B1	Alarm (Piezo buzzer) (signal transmitter)	00745850	2.36
E1	Work light (Work light OPTION- 7092)	90434457	2.14
E2	Warning beacon, Strobe (Warning beacon OPTION- 7091)	90415019	2.17
F1	Fuse, 10A- Control voltage	00733630	2.7
F2	Fuse, 125A- Main	00059580	2.2
F3	Fuse, 7.5A- Horn	00509550	2.11
F6	Fuse, 10A- Work light (work light OPTION) or Warning beacon (Warning Beacon OPTION)		
G1	Battery 24V (standard), Wet 6V 275Ah (4 required)	957747	2.2
G1	Battery 24V (optional), Wet 6V 325Ah (4 required)	956744	2.5
H1	Horn	00852420	2.11
K2	Relay (Warning beacon OPTION- 7091)	00965030	2.20
K3	Flasher relay- Strobe (Warning beacon OPTION- 7091)	01073270	2.18
K5	Relay, Forward / Reverse direction	01079030	3.3
M1	Drive motor	01070960	2.16
M2	Thermal switch, drive motor	part of M1	3.32
M3	Vacuum motor (suction turbine)	00543510	3.36
M3.S1	Disk brush motor (plate motor) Admiral 32	01070930	3.37
M5	Thermal switch, disk brush motor (plate motor)	part of M3	3.36
M5.S1	Cylindrical brush motor 1, right side Admiral 30	01072450	3.37
M6	Thermal switch, cylinder brush motor 1, right side	part of M5	3.36
M6.S1	Cylindrical brush motor 2, left side Admiral 30	01072450	3.37
M7	Thermal switch, cylinder brush motor 2, left side	part of M6	3.34
M8	Actuator, squeegee (lifting element)	01071820	3.21
M9	Water pump	97047310	3.34
R1	Actuator, scrub deck (motor scrub head lift)	01071820	3.6
R2	Terminating resistor CAN bus 120Ω	90266925	2.25
R3	Terminating resistor CAN bus 120Ω	90266925	3.21
S1	Key switch	90323437	2.8
S2	Horn button (push button switch)	00133770	2.11
S3	Work light switch (Work light OPTION- 7092) (rotary switch)	00509590	2.14
S3	Warning beacon switch (Warning beacon OPTION- 7091) (rotary switch)	01073320	2.19
S4	Float switch, Recovery tank (soiled water)	00861620	2.25
S5	Seat switch, Standard seat (contact switch)	01073290	2.23
S6	Parking brake switch (stop light switch) (push switch)	00028680	2.26
S7	Direction switch (switch)	00697630	3.6
S8	Potentiometer switch (micro switch)	00975510	3.6
V1	Diode, Recovery for horn	90194879	2.13
V2	Diode (Warning beacon OPTION)	90194879	2.20
Y1	Water valve	90435595	3.21

N



oder

99-7090-10/30
VARIANTE
Tellerbürste

[illegible]

Warranty Information

Revision F
Effective November 1, 2008
PowerBoss Made Simple Industrial Limited Warranty

Minuteman International owner of PowerBoss warrants to the original purchaser/user that the product is free from defects in workmanship and materials under normal use. PowerBoss will, at its option, repair or replace without charge, parts that fail under normal use and service when operated and maintained in accordance with the applicable operation and instruction manuals. All warranty claims must be submitted through and approved by factory authorized repair stations.

This warranty does not apply to normal wear, or to items whose life is dependent on their use and care. Parts not manufactured by PowerBoss are covered by and subject to the warranties and/or guarantees of their manufacturers. Please contact Minuteman International for procedures in warranty claims against these manufacturers.

Special warning to purchaser -- Use of replacement parts not manufactured by PowerBoss or its designated licensees, will void all warranties expressed or implied. A potential health hazard exists without original equipment replacement.

All warranted items become the sole property of Minuteman International or PowerBoss or its original manufacturer, whichever the case may be.

PowerBoss disclaims any implied warranty, including the warranty of merchantability and the warranty of fitness for a particular purpose. PowerBoss assumes no responsibility for any special, incidental or consequential damages.

This limited warranty is applicable only in the U.S.A. and Canada, and is extended only to the original user/purchaser of this product. Customers outside the U.S.A. and Canada should contact their local distributor for export warranty policies. PowerBoss is not responsible for costs or repairs performed by persons other than those specifically authorized by PowerBoss. This warranty does not apply to damage from transportation, alterations by unauthorized persons, misuse or abuse of the equipment, use of non-compatible chemicals, or damage to property, or loss of income due to malfunctions of the product. If a difficulty develops with this machine, you should contact the dealer from whom it was purchased.

This warranty gives you specific legal rights, and you may have other rights, which vary from state to state. Some states do not allow the exclusion or limitation of special, incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above exclusions and limitations may not apply to you.

	Travel*	Labor	Parts	Engine	Extended Warranty	Costs
Walk behinds						
Battery sweepers	Ninety days	One year	One year	N/A	2 years Parts + Labor (or 2000 Hours)	2%
IC sweepers	Ninety days	One year	One year	Through manufacturer	2 years Parts + Labor (or 2000 Hours)	2%
Battery scrubbers	Ninety days	Two years	Three years	N/A	3 Years Parts + Labor (or 3000 Hours)	2%
Riders						
Battery scrubbers	Ninety days	Two years	Three years/2000 hrs	N/A	3 Years Parts + Labor (or 3000 Hours)	2%
IC sweeper/scrubbers	Ninety days	Six months	Two years/2000 hrs	Two years/3000 hrs**	2 years Parts + Labor (or 2000 Hours)	3%
IC sweepers	Ninety days	Six months	Four years/3000 hrs	Five years/3000 hrs**	4 Years Parts + 2 Years Labor (or 4000 Hours)	3%
Exceptions						
Apex series sweeper	Ninety days	One year	One year/1000 hrs	One year/1000 hrs**	2 years Parts + Labor (or 2000 Hours)	3%
6X sweeper	Ninety days	Six months	Two years/2000 hrs	Two years/2000 hours**	2 years Parts + Labor (or 2000 Hours)	3%

Tank Bladders Eight years/ no additional labor
Polypropylene plastic tanks Ten years/ no additional labor
Batteries 0-3 months full replacement, 4-12 prorated credit
Chargers One-year replacement
Replacement parts Ninety days

*Two-hour cap

**Through engine manufacturer. See section 3 of warranty manual for engine warranty exceptions

*** Based upon dealer's certification status

Extended Warranty MUST be signed up within 30 days of delivery to End User (Dealer has 1Year from Receiving Machine to Sign up extended Warranty)

Extended Warranty Cost is based on Invoice Price multiplied by the Percentage listed in the Extended Warranty Column

All above labor and travel reimbursed at 65 or 75% of the published shop rate.

[illegible]



“The Power of Clean”

**PowerBoss Is A Full Line Manufacturer Of Sweepers and Scrubbers For
Industrial Facilities.**

PowerBoss, Inc. 175 Anderson Street P.O. Box 1227- Aberdeen North Carolina 28315

Phone: 800-982-7141 - Fax: 1-800-277-7141 Local: 910-944-2105 Fax: 910-944-7409 e-mail: techsupport@powerboss.com

A Member Of The Hako Group