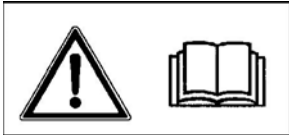


Apex 49

Model: PB40BL, PB40BH

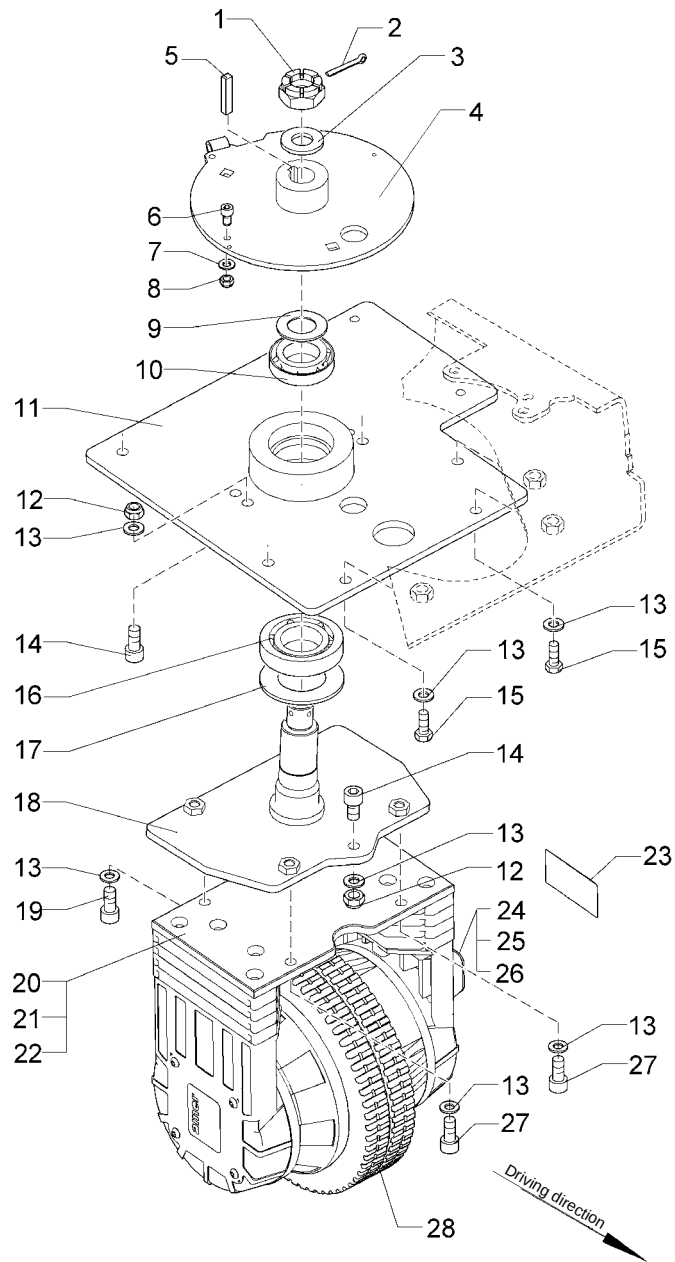


Spare Parts Catalog (Battery Version)

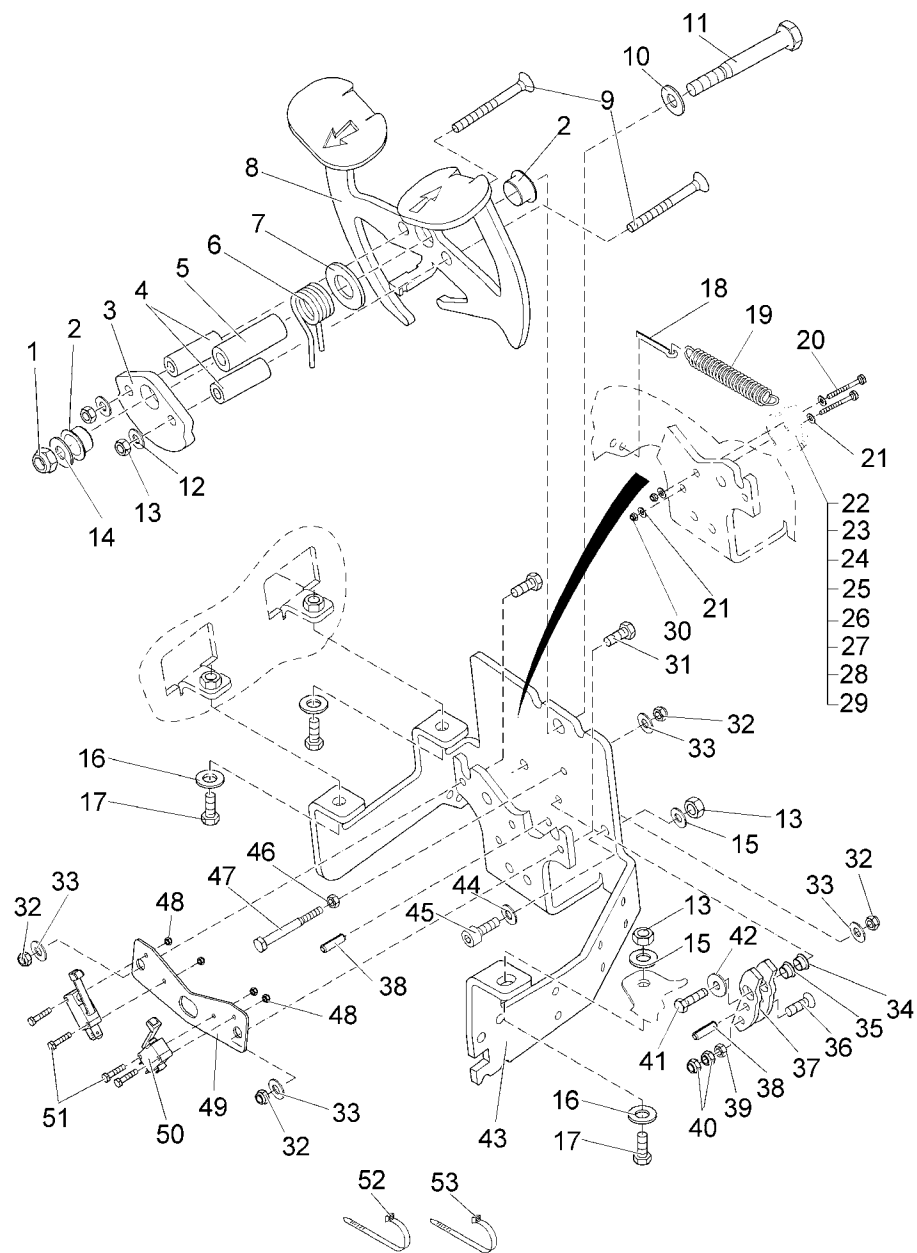




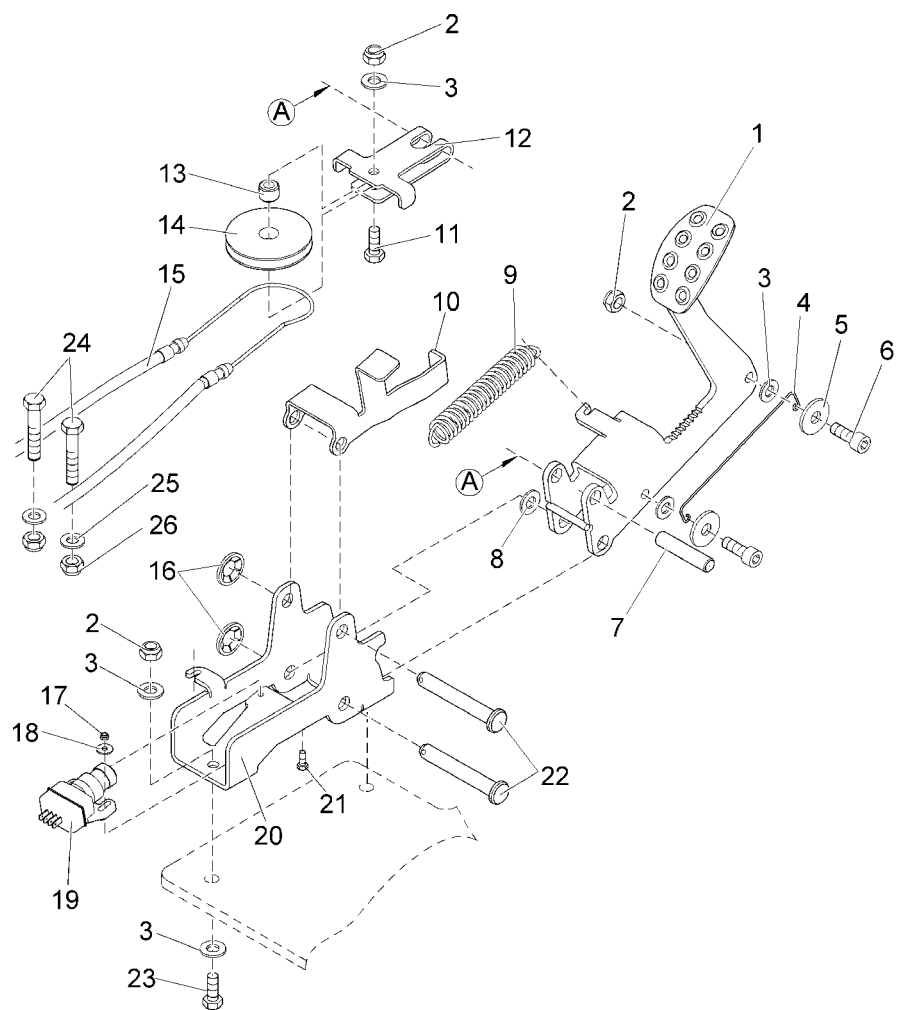
Side brush		
Pos.	Part No.	Description
1	00557600	Hex.bolt
2	00042900	Washer
3	01130610	Bearing
4	00041810	Hex.bolt
5	00046520	Washer
6	00053750	Washer
7	00051510	Hex. Nut
8	01130620	Holder
9	00855380	Washer
10	00132880	Hex. Nut
11	00054690	Hex.bolt
12	00695300	Washer
13	00974400	Bushing
14	00521270	Roller
15	00537390	Cylinder head screw
16	01130630	Holder
17	00553690	Hex.bolt
18	00152850	Drain plug
19	00041600	Hex.bolt
20	00029170	Bushing
21	01130640	Rope
22	00054020	Wing nut
23	00053330	Hex. Nut
24	01130650	Decal
25	00853730	Star handle
26	01130660	Side brush
27	01071480	Hose clamp
28	01130670	Bellows
29	00701250	Pressure spring
30	01130680	Holder
31	00740090	Washer
32	01132360	Gear support R.H.
33	00740280	Washer
34	00104500	Hex.bolt
35	00157690	Washer
36	00154680	Screw
37	01132370	Covering
38	00871350	Washer
39	01132790	Drive shaft
40	00072940	Feather key
41	01130710	Narrow drive belt
42	01130720	Bush
43	01130730	Belt pulley
44	01130740	Gear
45	00020610	Supporting ring
46	00022440	Retaining ring
47	01131530	Cap
48	00053350	Hex. Nut
49	00156720	Washer
50	00740930	Roller
51	00855240	Bushing
52	00138180	Hex.bolt
53	01132380	Fitted key
54	00695680	Fillister-head screw
55	00022230	Retaining ring
56	00041590	Supporting ring
57	01132800	Deflector grey



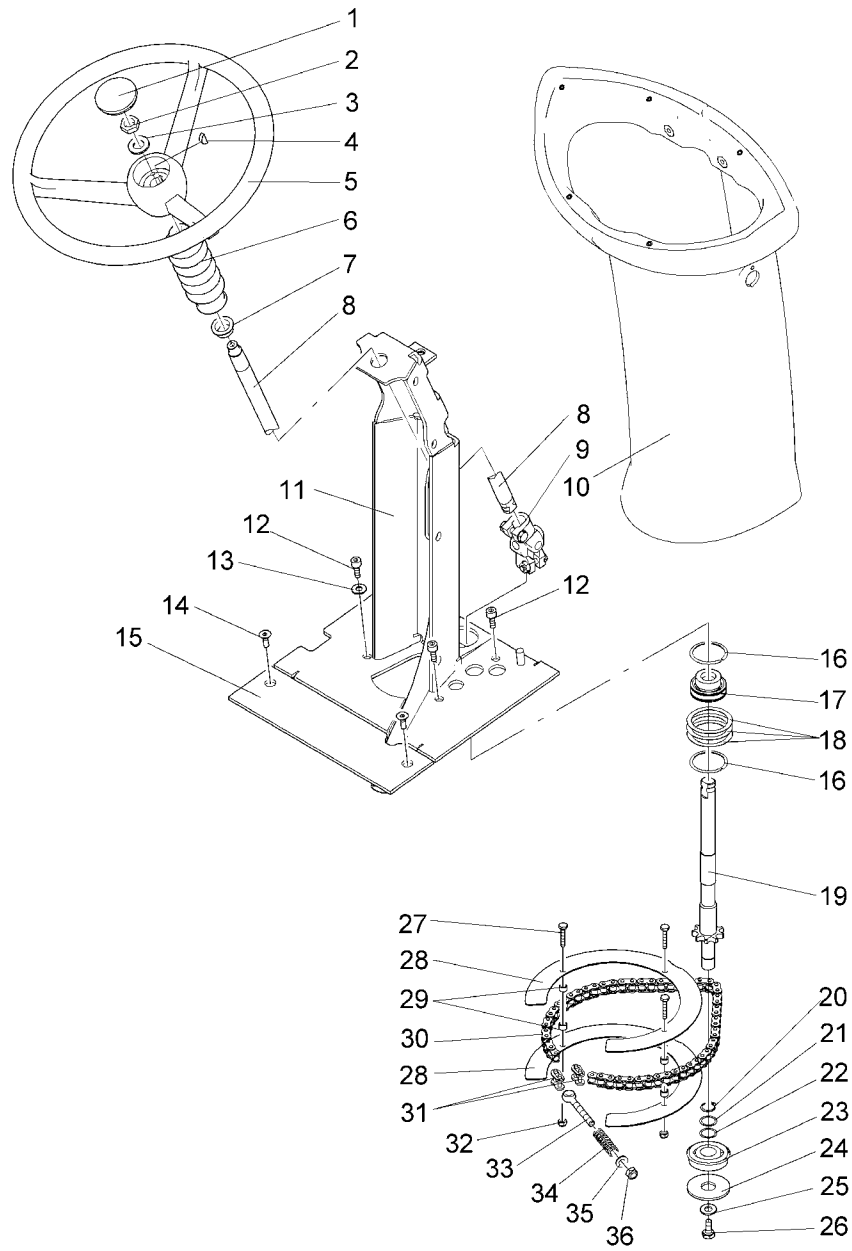
Front wheel drive		
Pos.	Part No.	Description
1	00048400	Slotted nut
2	00027880	Cotter pin
3	00743290	Washer
4	01132770	Parallel key
5	01132760	Guidance disk, cpl.
6	00136910	Cylinder head screw
7	00053730	Washer
8	00051520	Hex. Nut
9	01130030	Nilos ring
10	00048410	Cone roller bearing
11	03002980	Front wheel bearing plate
12	00053360	Hex. Nut
13	00870090	Washer
14	00135030	Cylinder head screw
15	00053310	Hex.bolt
16	00137930	Cone roller bearing
17	00743270	Lever
18	01133800	Wheelmount
19	00108590	Cylinder head screw
20	01131720	Hub
21	00133260	Washer
22	00740310	Washer
23	00133700	Hex.bolt
24	01131730	Hexagon screw
25	01133040	Tyre
26	01133050	Tube
27	01133020	Rim half
28	01133010	Rim half
29	01133060	Valve cap



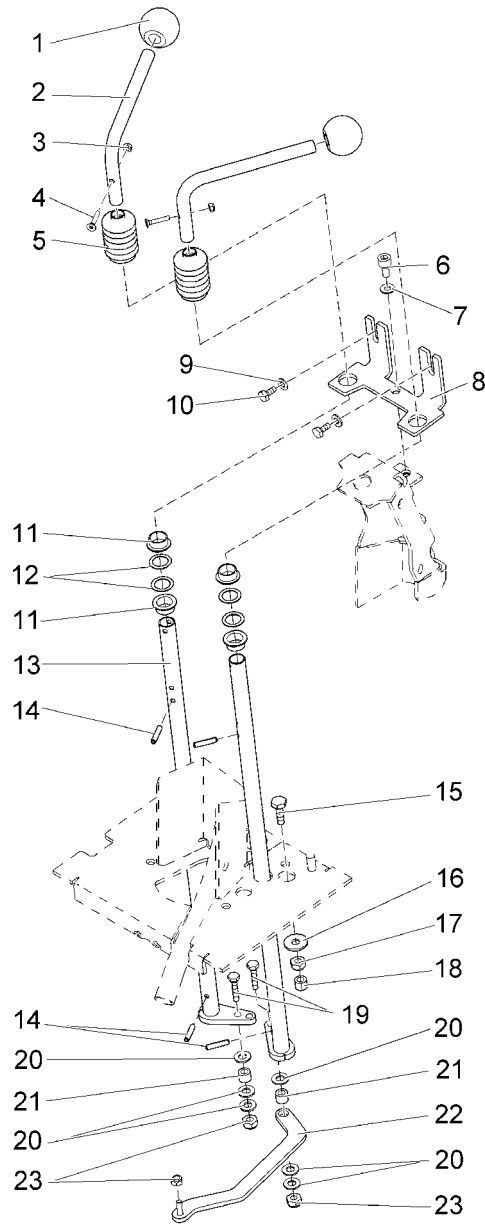
Accelerator		
Pos.	Part No.	Description
1	00051490	Hex. Nut
2	01130490	Bush
3	01130500	Plate
4	01130510	Bush
5	01130520	Bush
6	01130530	Spring
7	00154550	Washer
8	01130540	Accelerator
9	01130550	Countersunk screw
10	00875950	Washer
11	00105390	Hex.bolt
12	00740090	Washer
13	00053350	Hex. Nut
14	00053770	Washer
15	00740310	Washer
16	00053750	Washer
17	00077110	Hex.bolt
18	00054890	Cotter pin
19	01130560	Pull spring
20	01130570	Hex.bolt
21	00874720	Washer
22	00975500	Turn angle transmitter
23	01073530	Transparency
24	01006210	Pin contact
25	01006190	Seal
26	03003250	Pin housing
27	00559670	Case
28	00083640	Plastic cover
29	03003260	Line
30	00133830	Hex. Nut
31	00053020	Hex.bolt
32	00051520	Hex. Nut
33	00053730	Washer
34	01130580	Bush
35	01130590	Bush
36	01073650	Screw
37	01130600	Plate
38	00046440	Dowel pin
39	00053320	Hex. Nut
40	00051340	Hex. Nut
41	00053040	Hex.bolt
42	00135120	Washer
43	03003270	Angel
44	00924700	Washer
45	00045540	Cylinder head screw
46	00053330	Hex. Nut
47	00737680	Hex.bolt
48	00022200	Hex. Nut
49	03003280	Plate
50	00975510	Micro switch
51	00022180	Hex.bolt
52	00967760	Cable tie
53	00121150	Cable tie



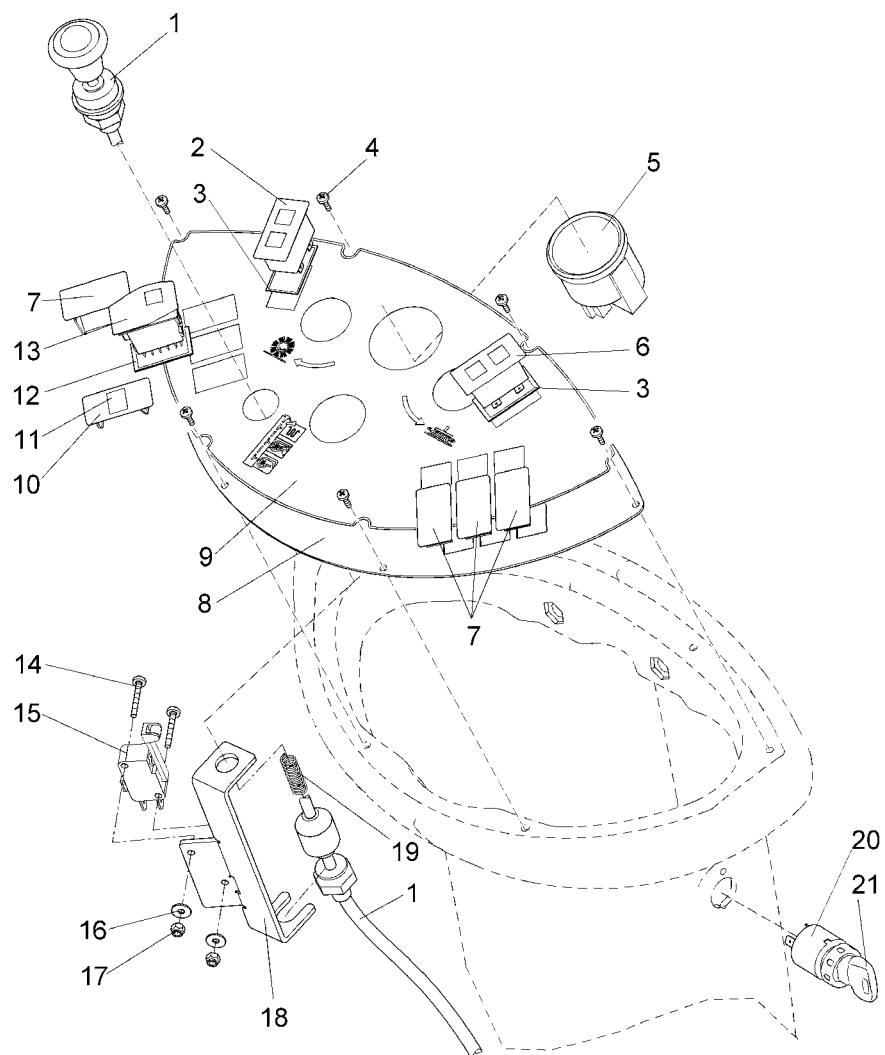
Pedal brake		
Pos.	Part No.	Description
1	01130320	Pedal brake
2	00051510	Hex. Nut
3	00053750	Washer
4	00854270	Handle
5	00042900	Washer
6	00124290	Cylinder head screw
7	01130330	Bolt
8	00555130	Sealing ring
9	01055930	Tension spring
10	01130340	Barrier lever
11	00053110	Hex.bolt
12	03003170	Handle
13	00974400	Bushing
14	00521270	Roller
15	01130350	Bowden cable for brake
16	00706180	Thrust washer
17	00133830	Hex. Nut
18	00557150	Washer
19	00927610	Switch
20	03003180	Bracket
21	00108490	Hex.bolt
22	00879630	Bolt
23	00053100	Hex.bolt
24	00074500	Hex.bolt
25	00740090	Washer
26	00053350	Hex. Nut



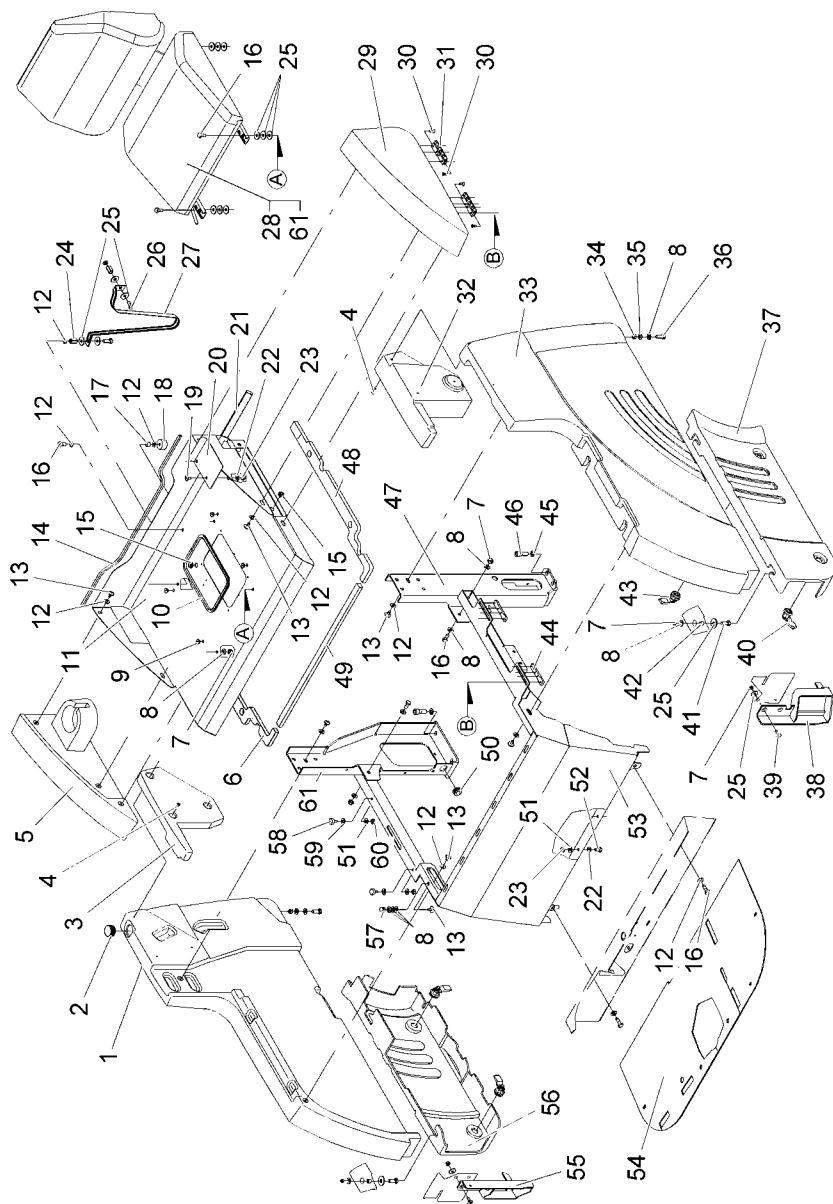
Steering		
Pos.	Part No.	Description
1	00852310	Cap
2	00053740	Hex. Nut
3	00053780	Washer
4	00153600	Woodruff key
5	00770220	Steering wheel
6	01130390	Bellows
7	01130470	Slide bearing bush
8	01132830	Wheelmount
9	00746040	Cardan joint
10	01132840	Steering column, cpl.
11	03004850	Steering carrier, cpl.
12	00045540	Cylinder head screw
13	00740090	Washer
14	00059080	Screw
15	03003240	Plate
16	01001260	Retaining ring
17	01001320	Bearing
18	01132850	Adjusting washer
19	01132860	Handlebar, cpl.
20	00022230	Retaining ring
21	00155180	Adjusting washer
22	00125680	Adjusting washer
23	00901380	Deep groove ball bearing
24	00954200	Washer
25	00740080	Washer
26	00053080	Hex.bolt
27	00053040	Hex.bolt
28	01132870	Plate
29	01006840	Bushing
30	01132880	Roller chain
31	00535820	Section
32	00051520	Hex. Nut
33	01132890	Eyebolt
34	00550410	Pressure spring
35	00053750	Washer
36	00051510	Hex. Nut



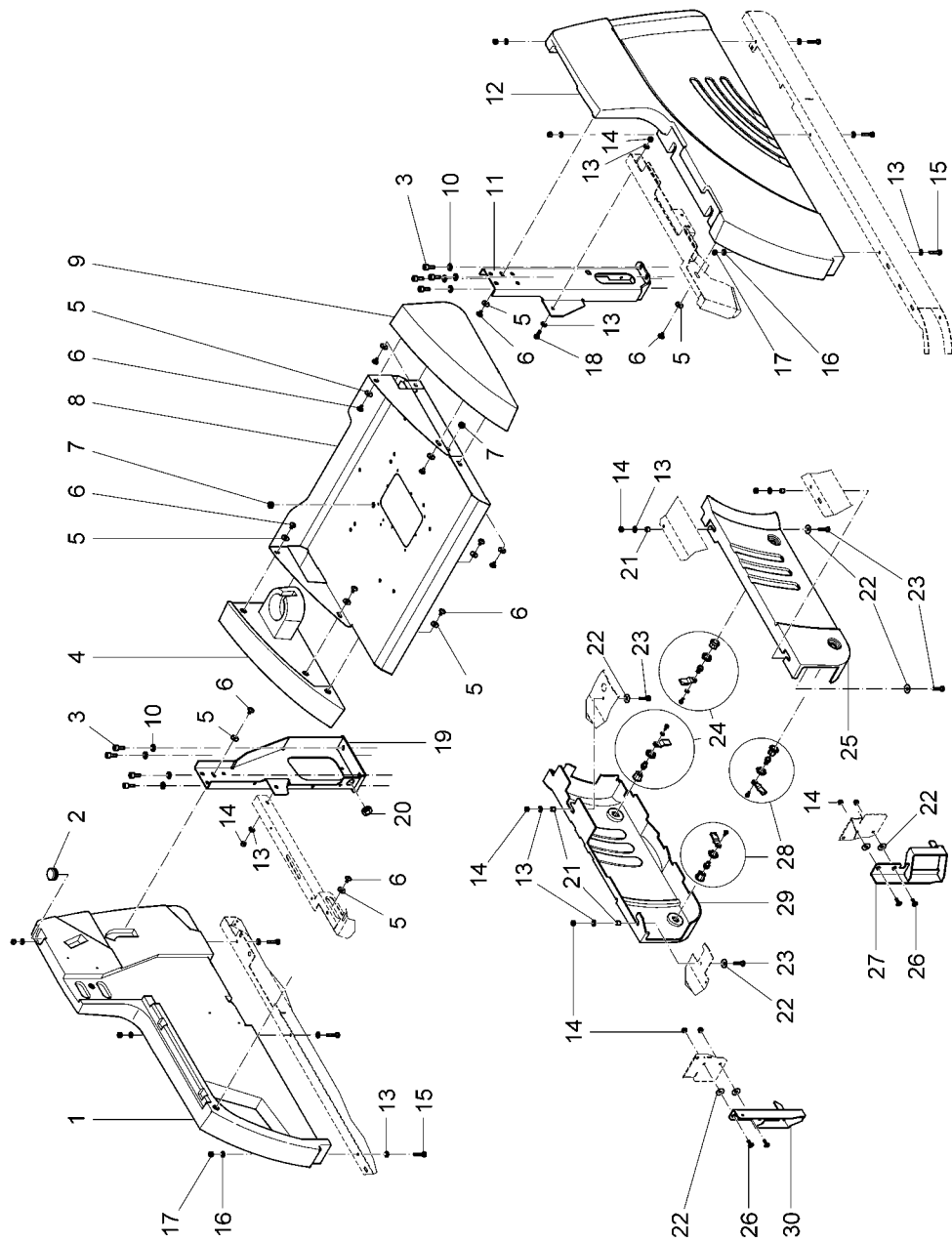
Manipulation for side brush apron and sweeping roller		
Pos.	Part No.	Description
1	01132810	Knob
2	01130410	Arc
3	00051520	Hex. Nut
4	01093180	Screw
5	01132820	Bellow
6	00108590	Cylinder head screw
7	00053760	Washer
8	03004840	Retainer
9	00053080	Hex.bolt
10	00053750	Washer
11	01130470	Slide bearing bush
12	00153700	Adjusting washer
13	01130430	Lever
14	00044160	Dowel pin
15	00053160	Hex.bolt
16	00046520	Washer
17	00051500	Hex. Nut
18	01090960	Hose PVC
19	00054690	Hex.bolt
20	00053750	Washer
21	00733400	Spacer sleeve
22	01130440	Supporting plate
23	00051510	Hex. Nut



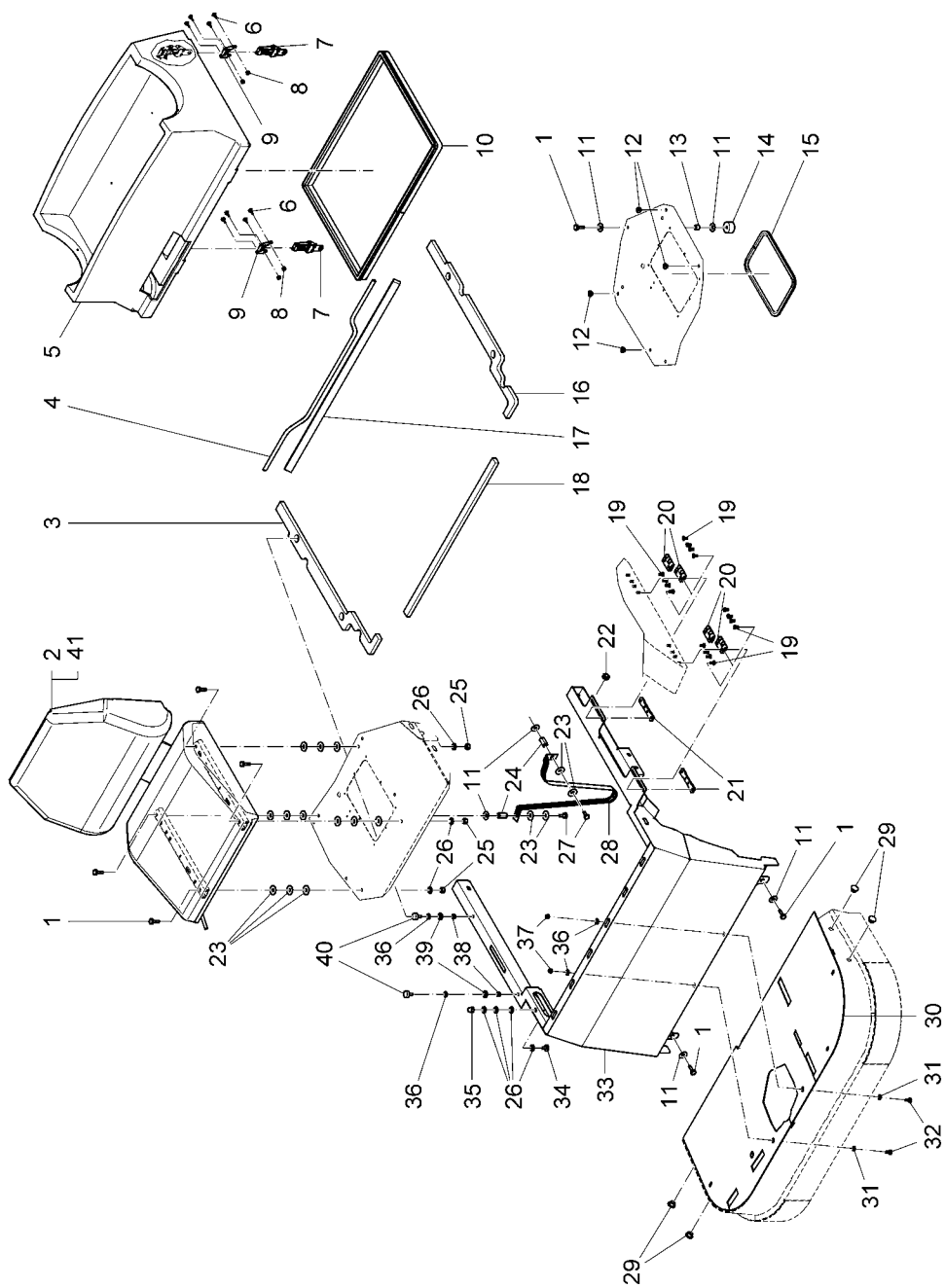
Control panel		
Pos.	Part No.	Description
1	01131520	Actuating cable
2	01132900	Indicator lamp shake/blower
3	01131640	Gasket control-light
4	00052620	Fillister-head screw
5	01132910	Signal transmitter
6	01132920	Indicator lamp brake
7	01132930	Cap
8	03004860	Control panel plate
9	01132940	Control panel foil
10	01132950	Cover
11	01073530	Transparency
12	01132960	Switch gasket
13	01132970	Switch horn
14	00955220	Fillister-head screw
15	00975510	Micro switch
16	00747400	Washer
17	00022200	Hex. Nut
18	03003450	Plate
19	00902200	Pressure spring
20	00021710	Key switch
21	00745890	Set (2pc.) key



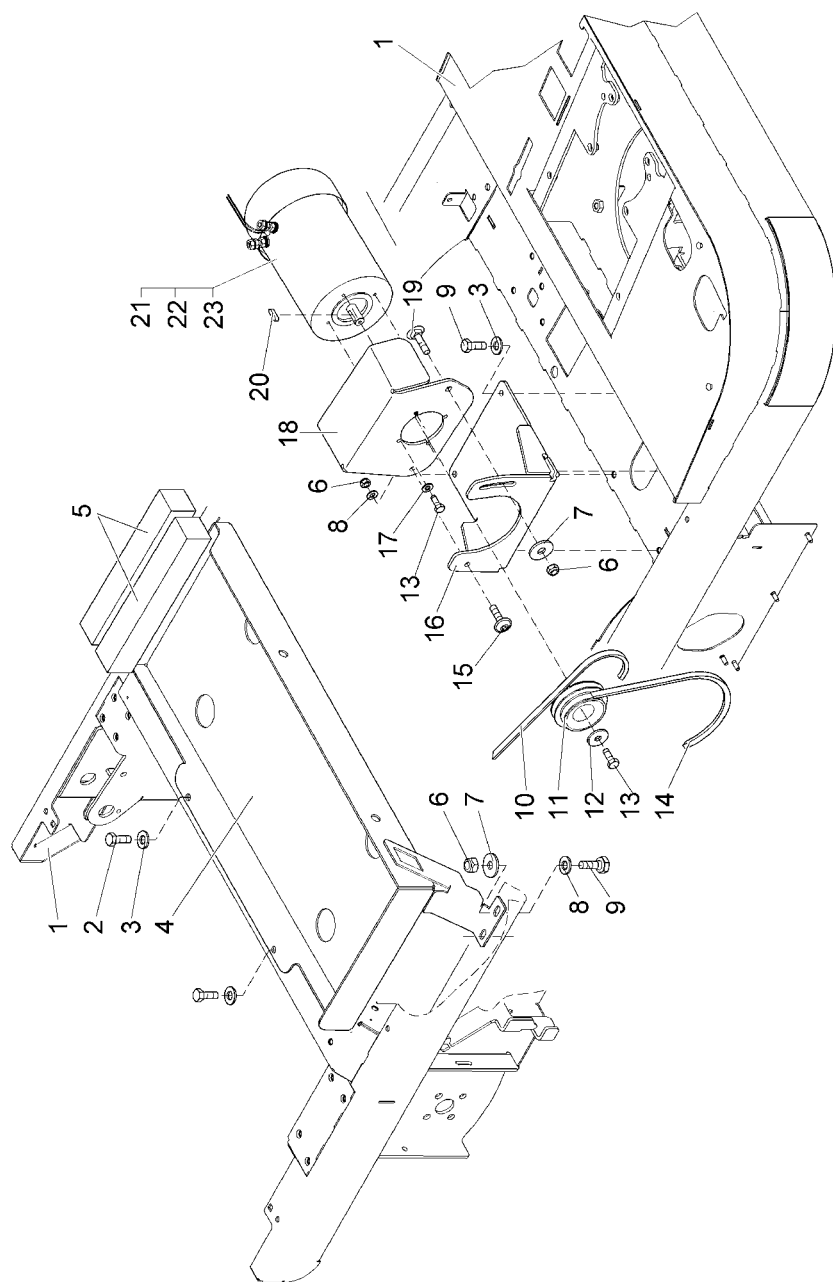
Seat covering		
Pos.	Part No.	Description
1	01075950	Covering R.H. red
2	01133310	Gland
3	01075860	Covering R.H. red
4	01063420	Self tapping screw
5	01075830	Hood R.H. red
6	01133340	Gasket R.H.
7	00051510	Hex. Nut
8	00053750	Washer
9	00906060	Drain plug
10	00721090	Edge protection
11	03005450	Seat flap
12	00740080	Washer
13	01133350	Lens flange screw
14	00721090	Edge protection
15	00740360	Cable sleeve
16	00077110	Hex.bolt
17	00733400	Spacer sleeve
18	00733560	Bumper
19	00102520	Screw
20	01133360	Plate
21	01031010	Sealing tape
22	00053730	Washer
23	00051520	Hex. Nut
24	00744340	Hex. Nut
25	00042900	Washer
26	00053080	Hex.bolt
27	01055740	Belt
28	01071360	Seat
29	01075820	Hood L.H. red
30	01133380	Countersunk screw
31	00029230	Hinge
32	01075870	Covering L.H. red
33	01075810	Covering L.H. red
34	00053350	Hex. Nut
35	00740310	Washer
36	00054690	Hex.bolt
37	01130250	Covering, L.H.
38	01133410	Retainer L.H.
39	00059080	Screw
40	00121730	Sash fastener
41	00053110	Hex.bolt
42	00733400	Spacer sleeve
43	01130270	Casement fastener
44	01072970	Adjusting latch
45	00870090	Washer
46	00135030	Cylinder head screw
47	01133420	Support
48	01133430	Gasket L.H.
49	01031010	Sealing tape
50	00555440	Cable sleeve
51	00730940	Washer
52	00104500	Hex.bolt
53	03005460	Support
54	01133440	Rubber mat
55	01133450	Retainer R.H.
56	01130260	Covering, R.H.
57	00041790	Cap nut
58	00127470	Stop buffer
59	00856290	Washer
60	00053330	Hex. Nut



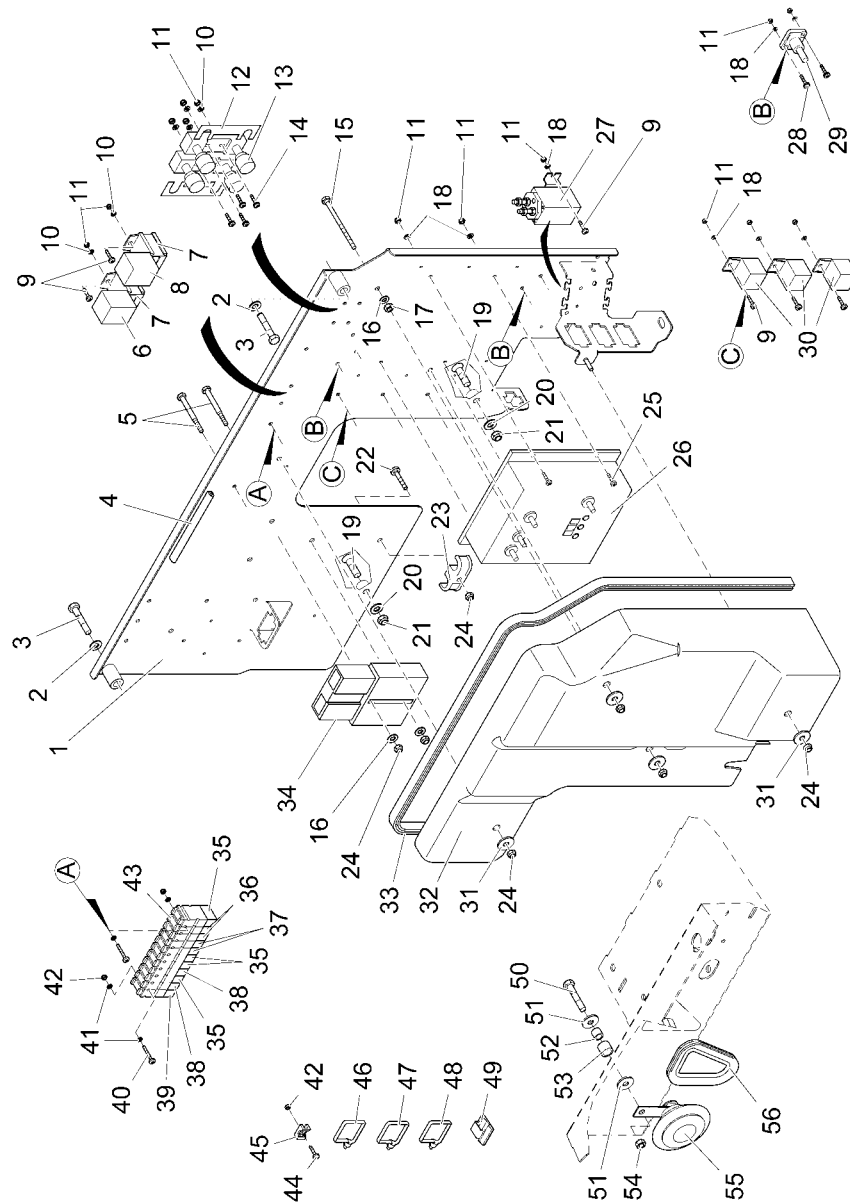
Seat- Covering lift-up disposal (Part 1)		
Pos.	Part No.	Description
1	01075950	Covering R.H. red
2	01133310	Gland
3	00135030	Cylinder head screw
4	01075830	Hood R.H. red
5	00740080	Washer
6	01133350	Lens flange screw
7	00740360	Cable sleeve
8	03005450	Seat flap
9	01075820	Hood L.H. red
10	00870090	Washer
11	01133420	Support
12	01075810	Covering L.H. red
13	00053750	Washer
14	00051510	Hex. Nut
15	00054690	Hex.bolt
16	00740310	Washer
17	00053350	Hex. Nut
18	00077110	Hex.bolt
19	01133460	Support
21	00733400	Spacer sleeve
22	00042900	Washer
23	00053110	Hex.bolt
24	01130270	Casement fastener
25	01130250	Covering, L.H.
26	00059080	Screw
27	01133410	Retainer L.H.
28	00121730	Sash fastener
29	01130260	Covering, R.H.
30	01133450	Retainer R.H.



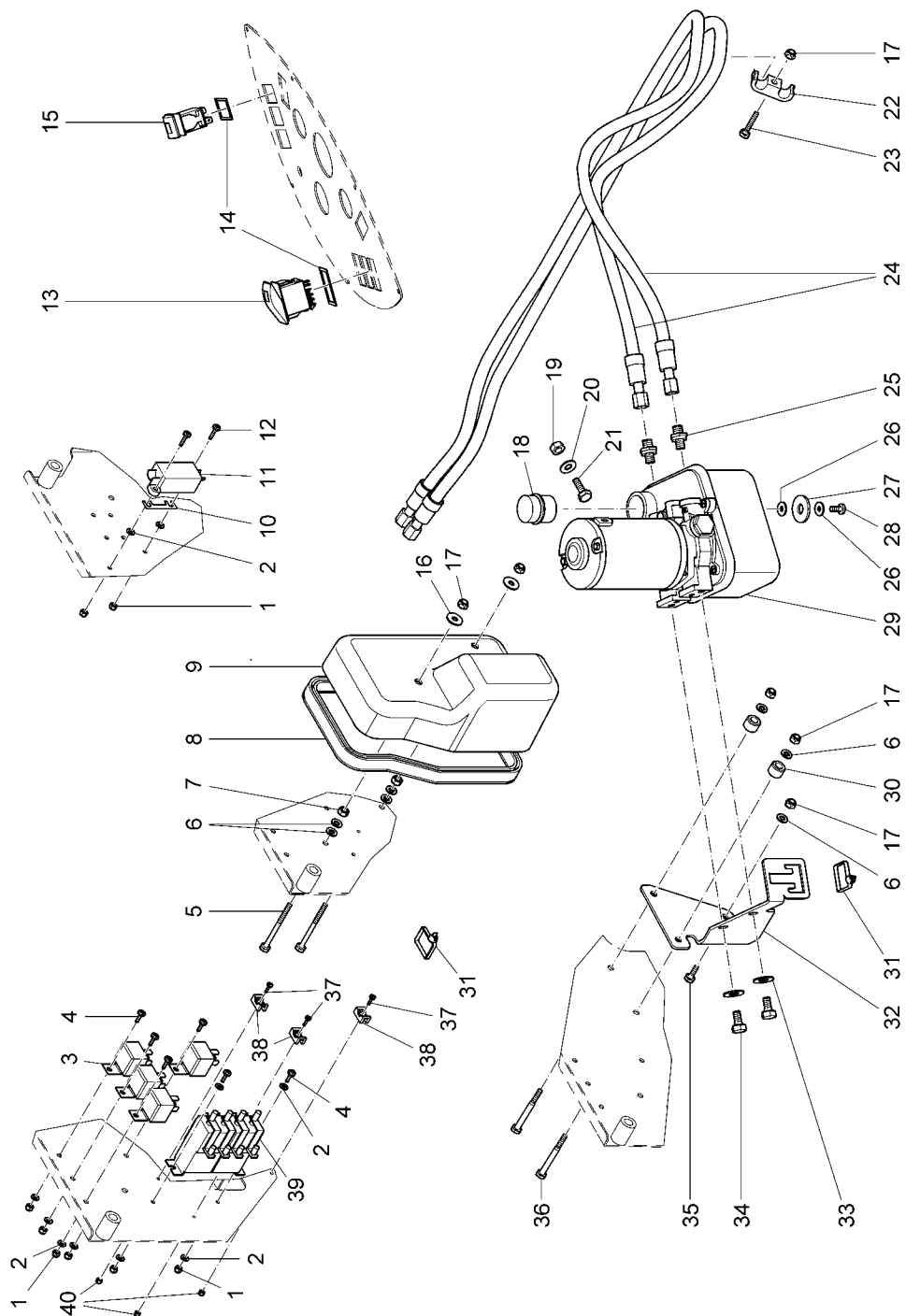
Seat - Covering lift-up disposal (Part 2)		
Pos.	Part No.	Description
1	00077110	Hex.bolt
2	01071360	Seat
3	01133340	Gasket R.H.
4	00721090	Edge protection
5	01075840	Filter cover red
6	00905520	Screw
7	01133090	Catch
8	00053320	Hex. Nut
9	01133100	Plate
10	00752350	Edge protection
11	00740080	Washer
12	00906060	Drain plug
13	00733400	Spacer sleeve
14	00733560	Bumper
15	00721090	Edge protection
16	01133430	Gasket L.H.
17	01031010	Sealing tape
18	01031010	Sealing tape
19	01133380	Countersunk screw
20	00029230	Hinge
21	01072970	Adjusting latch
22	00740360	Cable sleeve
23	00042900	Washer
24	00744340	Hex. Nut
25	00051510	Hex. Nut
26	00053750	Washer
27	00053080	Hex.bolt
28	01055740	Belt
29	00558390	Drain plug
30	01133440	Rubber mat
31	00053730	Washer
32	00104500	Hex.bolt
33	03005460	Support
34	01133350	Lens flange screw
35	00041790	Cap nut
36	00730940	Washer
37	00051520	Hex. Nut
38	00053330	Hex. Nut
39	00856290	Washer
40	00127470	Stop buffer
41	01073290	Micro switch



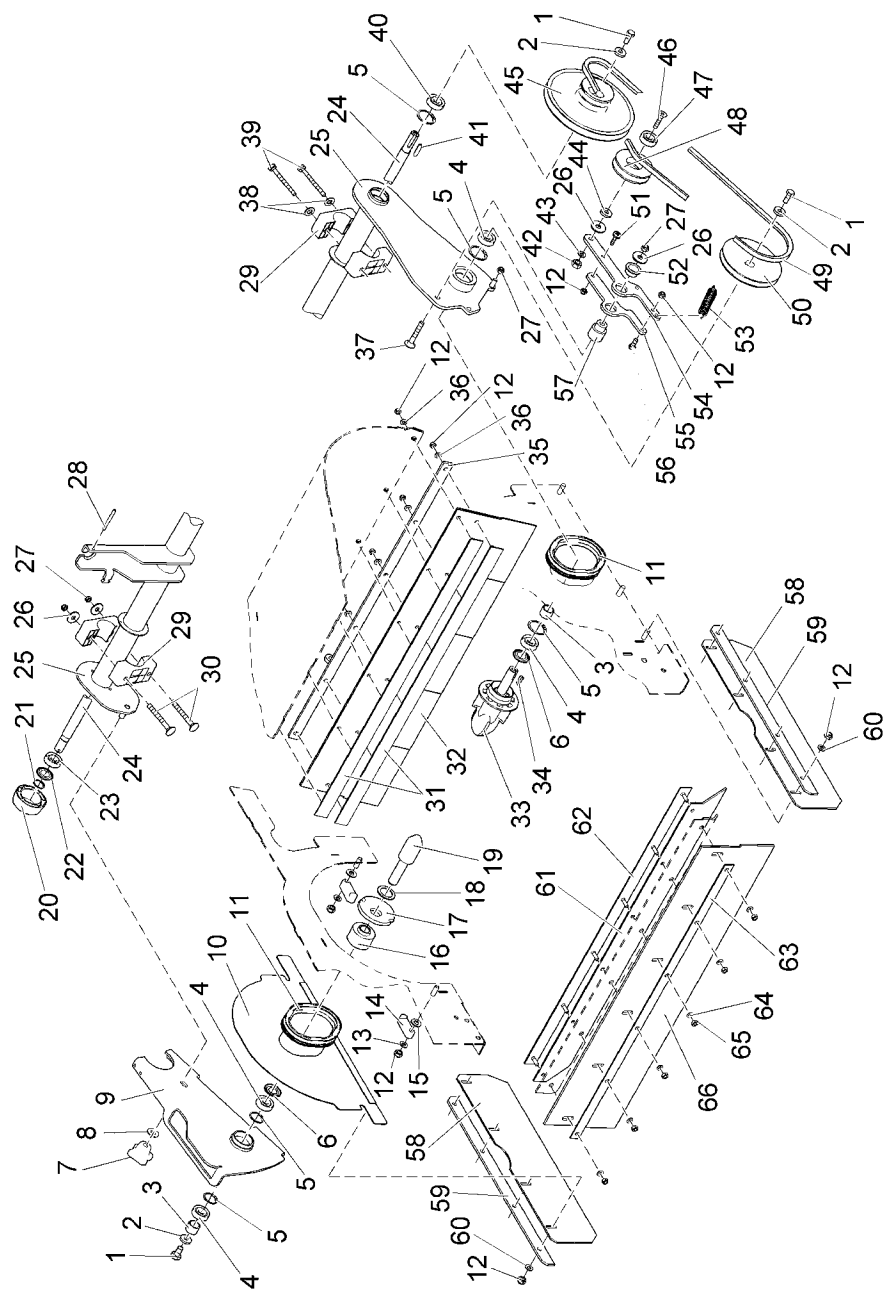
Motor - Chassis		
Pos.	Part No.	Description
1	03003360	Chassis, cpl
2	00053080	Hex.bolt
3	00740090	Washer
4	01133110	Battery console
5	01133120	Block of wood
6	00051510	Hex. Nut
7	00042900	Washer
8	00053750	Washer
9	00053090	Hex.bolt
10	01131280	Drive belt
11	01131290	Drive belt pulley
12	00874340	Washer
13	00053010	Hex.bolt
14	01131300	Drive belt
15	01092910	Fillister-head screw
16	03003380	Bracket
17	00730940	Washer
18	03003390	Holder
19	00864520	Screw
20	00054260	Feather key
21	01133130	Engine
22	01058650	Carbon brush
23	01133140	Temperature switch



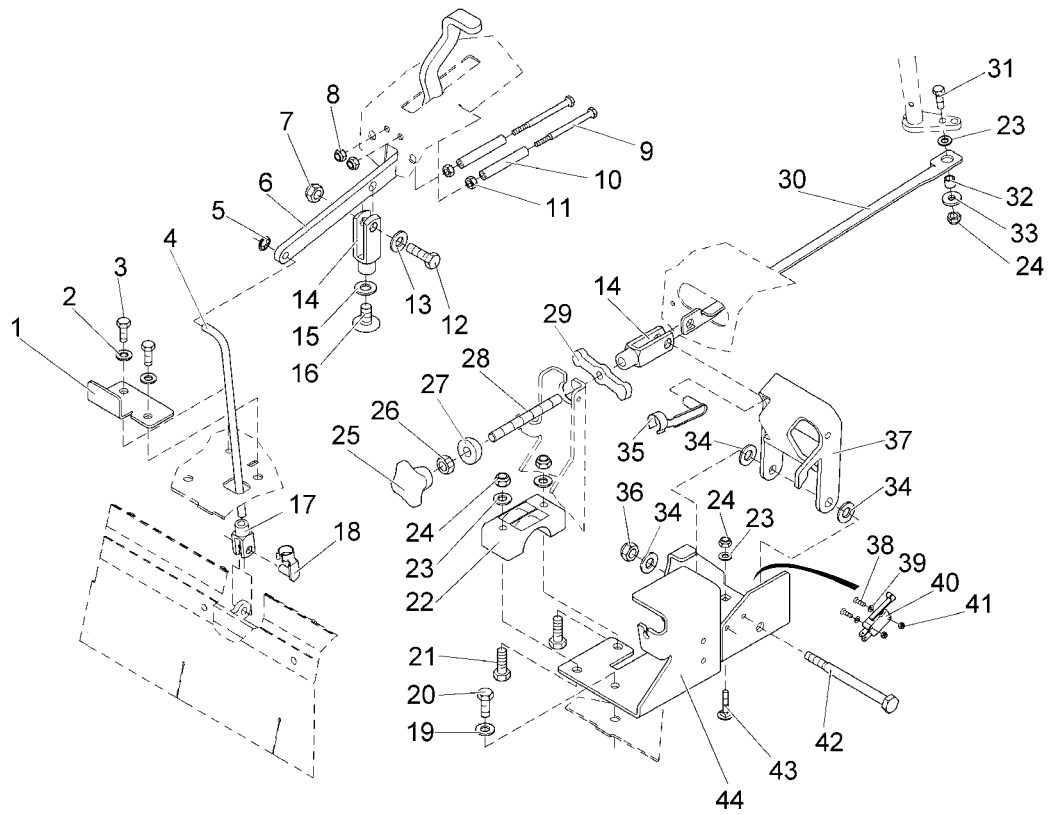
Electrical equipment		
Pos.	Part No.	Description
1	01133160	E-carrier
2	00740090	Washer
3	00041600	Hex.bolt
4	00721090	Edge protection
5	00053050	Hex.bolt
6	01133170	Relay
7	01018100	Housing
8	01133180	Relay
9	00052620	Fillister-head screw
10	00053710	Washer
11	00133830	Hex. Nut
12	01056100	Fuse
13	00121440	Fuse holder
14	00954570	Fillister-head screw
15	00047600	Hex.bolt
16	00053730	Washer
17	00053330	Hex. Nut
18	00053710	Washer
19	00509000	Countersunk screw M8x35
20	00053750	Washer
21	00051510	Hex. Nut
22	00537220	Fillister-head screw
23	00748300	Clamp
24	00051520	Hex. Nut
25	00731550	Fillister-head screw
26	01130760	Control system
27	00750210	Solenoid
28	00731550	Fillister-head screw
29	00744670	Single clamp
30	00965030	Relay
31	00135120	Washer
32	01133190	Cover
33	01132640	Edge protection
34	01075720	Socket
35	00906120	Fuse
36	00152060	Fuse
37	00509550	Fuse
38	00733630	Fuse
39	00500360	Fuse link 20A
40	00101580	Fillister-head screw
41	00553740	Washer
42	00022200	Hex. Nut
43	00733650	Fuse holder
44	00535780	Fillister-head screw
45	00780710	Socket
46	00967760	Cable tie
47	00121010	Cable tie
48	00121150	Cable tie
49	00020650	Cable clip
50	00053110	Hex.bolt
51	00557150	Washer
52	00733400	Spacer sleeve
53	01006200	Sealing plug
54	00053350	Hex. Nut
55	01133200	Horn
56	00161240	Edge protection



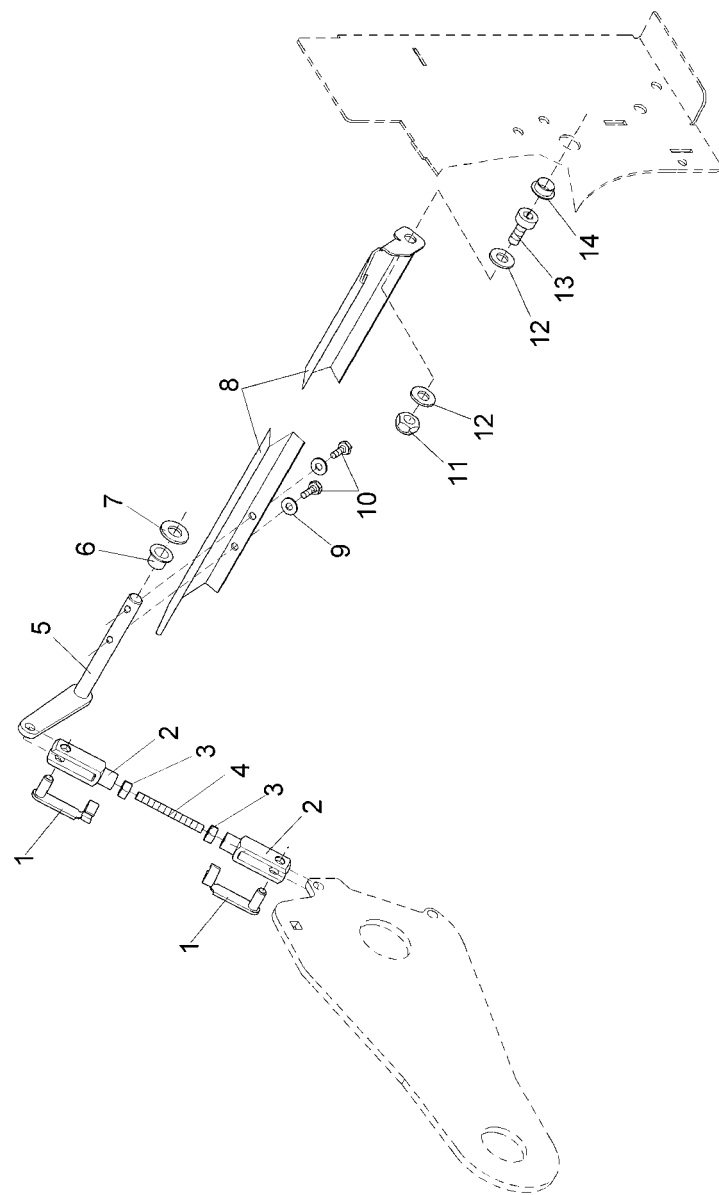
Electrical equipment lift-up disposal		
Pos.	Part No.	Description
1	00133830	Hex. Nut
2	00053710	Washer
3	00965030	Relay
4	00052620	Fillister-head screw
5	01132650	Hexagon screw
6	00053730	Washer
7	00053330	Hex. Nut
8	01132640	Edge protection
9	01134440	Cover
10	01134450	Fuse link
11	00903510	Fuse holder
12	00731550	Fillister-head screw
13	01134360	Switch
14	01132960	Switch gasket
15	01134370	Switch
16	00135120	Washer
17	00051520	Hex. Nut
18	01134410	Oil tank cap
19	00053350	Hex. Nut
20	00740090	Washer
21	00077110	Hex.bolt
22	01073420	Clamp
23	00053040	Hex.bolt
24	01134460	Hose
25	01134430	Straight screw connection
26	00555520	Washer
27	00046520	Washer
28	00053960	Tapping screw
29	01135070	Hydraulic unit
30	00974400	Bushing
31	00967760	Cable tie
32	01134470	Angle
33	00740290	Washer
34	01134400	Hexagon screw
35	00053010	Hex.bolt
36	00526500	Hex.bolt
37	00535780	Fillister-head screw
38	00780710	Socket
39	01134480	Reversion contactor
40	00022200	Hex. Nut



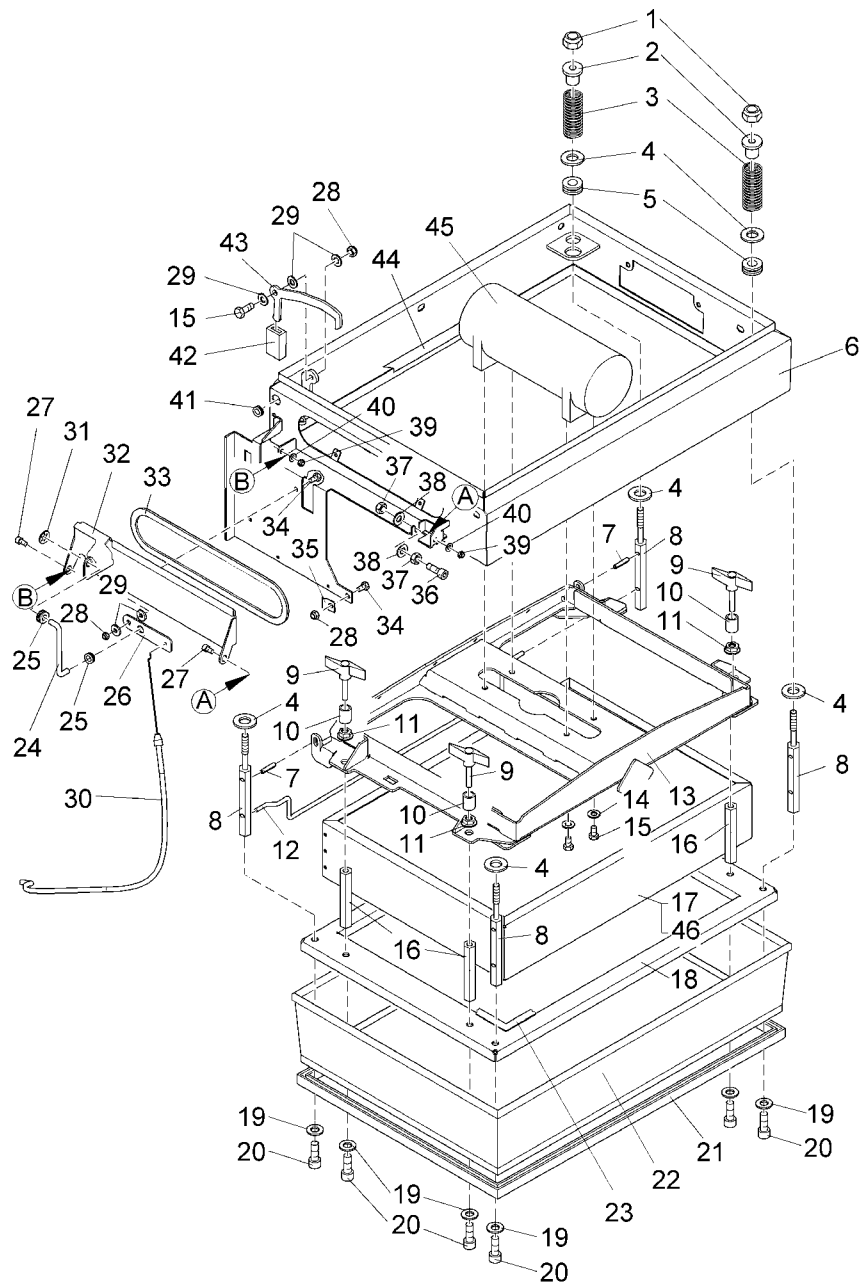
Group of main sweeper roller		
Pos.	Part No.	Description
1	00053080	Hex.bolt
2	00695300	Washer
3	00509180	Sleeve
4	00106300	Deep groove ball bearing
5	00101660	Retaining ring
6	00102410	Ring
7	00866720	Star handle
8	00740290	Washer
9	01130830	Brush rocker, L.H.
10	01130840	Side shield
11	00681570	Edge protection
12	00051520	Hex. Nut
13	00053840	Spring washer
14	00968190	Toggle
15	00053750	Washer
16	01130850	Gasket
17	01130860	Washer
18	00135560	Supporting ring
19	01130870	Carrier
20	01130880	Centering brush
21	00022340	Retaining ring
22	00104480	Ring
23	00706360	Deep groove ball bearing
24	01130890	Shaft
25	03003310	Torque shaft
26	00042900	Washer
27	00051510	Hex. Nut
28	00861020	Dowel pin
29	01130610	Bearing
30	01130900	Cup head square neck bolt
31	01130910	Retaining strip
32	01130800	Brush apron, front
33	01130920	Drag element
34	00054260	Feather key
35	01130930	Strip
36	00053730	Washer
37	01130940	Cup head square neck bolt
38	00740080	Washer
39	00557600	Hex.bolt
40	00538360	Deep groove ball bearing
41	00107380	Feather key
42	00046500	Hex. Nut
43	00740310	Washer
44	01130950	Bushing
45	01130960	Drive belt pulley
46	00509000	Countersunk screw M8x35
47	00126330	Deep groove ball bearing
48	01130970	Idler
49	01130980	Narrow drive belt
50	01130990	Belt pulley
51	00053550	Phillips-head screw
52	01130470	Slide bearing bush
53	01131000	Pull spring
54	01131010	Holder
55	01131020	Holder for idler
56	00053020	Hex.bolt
57	01131030	Bolt
58	01130820	Brush apron
59	01131050	Strip
60	00053730	Washer
61	01131040	Brush apron, rear
62	01130910	Retaining strip
63	00243450	Fitting strip
64	00740280	Washer
65	00053330	Hex. Nut
66	01130810	Brush apron, rear



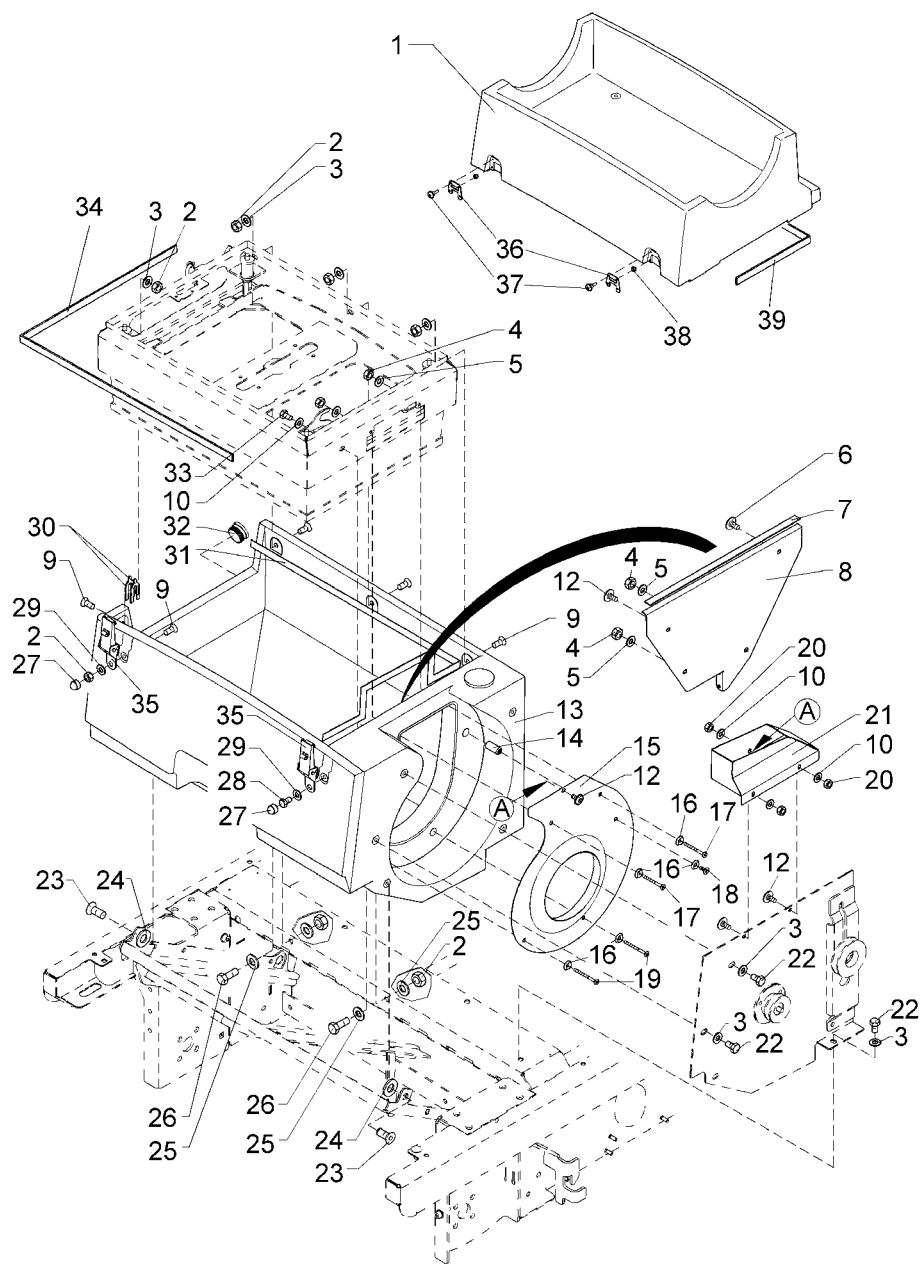
Manipulation for brush apron - Lifter for sweeping roller		
Pos.	Part No.	Description
1	01131320	Stop angel
2	00740090	Washer
3	00053080	Hex.bolt
4	01131330	Bar
5	00854420	Thrust washer
6	01131340	Pedal bar
7	00051500	Hex. Nut
8	00051520	Hex. Nut
9	00526320	Hex.bolt
10	01064890	Hose
11	00053330	Hex. Nut
12	00123690	Hex.bolt
13	00130290	Adjusting washer
14	00925430	Fork yoke
15	00740290	Washer
16	01131350	Phillips-head screw
17	00151440	Fork yoke
18	00151400	Bolt
19	00740080	Washer
20	00053090	Hex.bolt
21	00041600	Hex.bolt
22	01130610	Bearing
23	00053750	Washer
24	00051510	Hex. Nut
25	00866720	Star handle
26	01050160	Hex. Nut
27	01131360	Tap
28	01131370	Spindle
29	01131380	Countering latch
30	01131390	Draw angel
31	00054690	Hex.bolt
32	00733400	Spacer sleeve
33	00695300	Washer
34	00053760	Washer
35	00925420	Bolt
36	00132880	Hex. Nut
37	03003400	Angel
38	00955220	Phillips-head screw
39	00747400	Washer
40	00975510	Micro switch
41	00022200	Hex. Nut
42	00109460	Hex.bolt
43	00878410	Screw
44	03003410	Holder



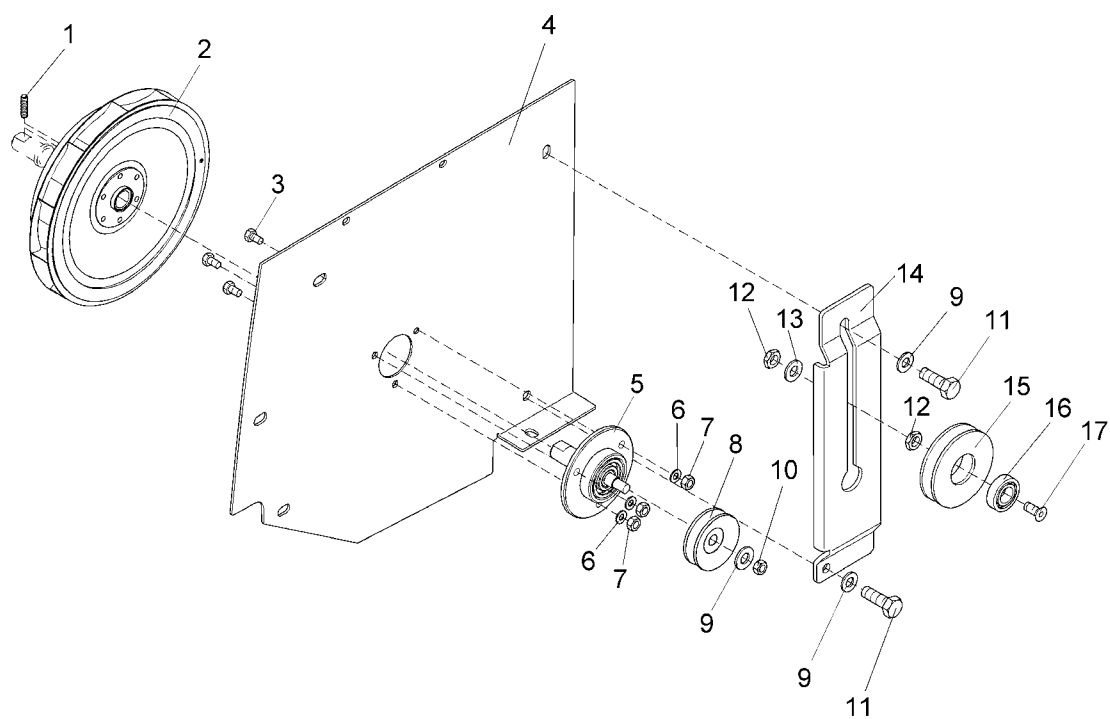
Broom wear compensation		
Pos.	Part No.	Description
1	00706030	Bolt
2	00027110	Fork yoke
3	00053350	Hex. Nut
4	00902600	Threaded bolt
5	03004890	Lever
6	01071440	Plain bearing bush
7	00053770	Washer
8	03004900	Plate
9	00730940	Detend edged washer
10	00053010	Hex.bolt
11	00132880	Hex. Nut
12	00053760	Washer
13	00108590	Cylinder head screw
14	01055290	Plain bearing bush



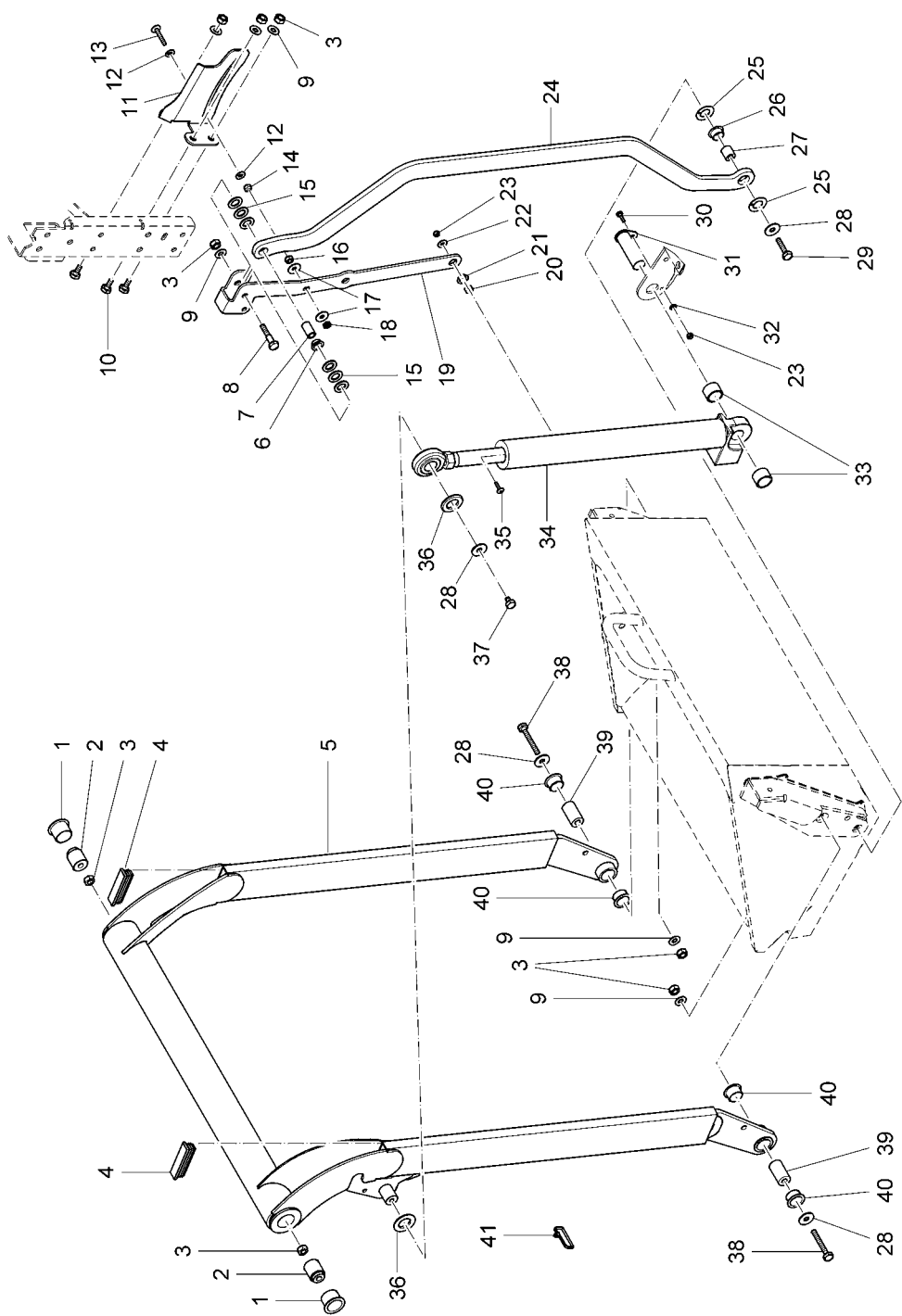
Filter installation		
Pos.	Part No.	Description
1	00051510	Hex. Nut
2	01131100	Bolt
3	01074080	Compression spring
4	00042900	Washer
5	00027190	Cable sleeve
6	01131410	Frame
7	00045620	Dowel pin
8	01131120	Spacer
9	00905560	Wing
10	01130170	Bush
11	01133210	Locknut
12	01131140	Handle
13	01131130	Frame
14	00730940	Washer
15	00053020	Hex.bolt
16	01131170	Spacer
17	01130750	Hopper filter
18	01131150	U-panel
19	00740310	Washer
20	00045540	Cylinder head screw
21	00161240	Edge protection
22	01131160	Annular filter
23	00420290	Gasket Tesamoll
24	01131200	Rod
25	01131190	Grommet
26	01131180	Holder
27	01131440	Socket head cap screw
28	00051520	Hex. Nut
29	00135120	Washer
30	01131520	Actuating cable
31	00023290	Thrust washer
32	01131210	Air vent
33	01075290	Gasket TESAMOLL
34	00053010	Hex.bolt
35	00534470	Clamp
36	00071450	Cylinder head screw
37	00053350	Hex. Nut
38	00053750	Washer
39	01017660	Hex. Nut
40	00958770	Washer
41	00740360	Cable sleeve
42	00451220	Hose
43	01131110	Lever
44	00830680	Hose
45	01000890	Shaker motor
46	01133000	Special Hopper filter



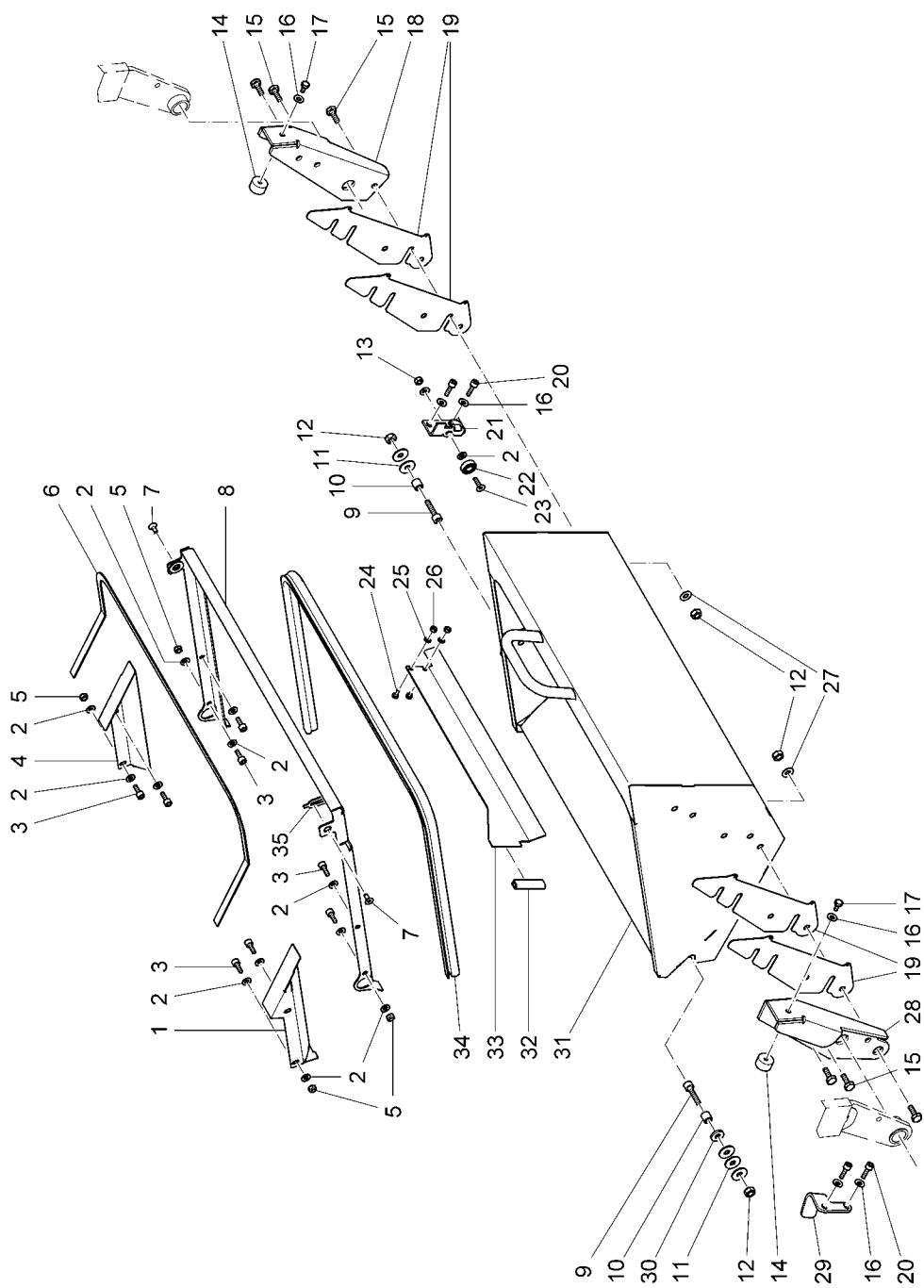
Dust extraction		
Pos.	Part No.	Description
1	01075840	Filter cover red
2	00053350	Hex. Nut
3	00740090	Washer
4	00053330	Hex. Nut
5	00740280	Washer
6	01092780	Lens flange screw
7	00420290	Gasket Tesamoll
8	03003430	Plate
9	00903480	Screw
10	00730940	Washer
12	01131450	Phillips head flange screw
13	03003440	Housing
14	01131460	Threaded bushing
15	01131470	Nozzle
16	00157690	Washer
17	00109500	Screw
18	00871440	Screw
19	00120130	Screw
20	00135790	Hex. Nut
21	01131480	Air scoop
22	00864230	Hex.bolt
23	00059080	Screw
24	00070170	Washer
25	00042900	Washer
26	00133700	Hex.bolt
27	00131610	Lens cap
28	00151810	Hex.bolt
29	00053750	Washer
30	01131490	Sheet metal
31	00420290	Gasket Tesamoll
32	01131500	Plug
33	00104500	Hex.bolt
34	01130200	Gasket
35	01133090	Catch
36	01133100	Plate
37	00905520	Screw
38	00053320	Hex. Nut
39	01131840	Gasket band 9x10



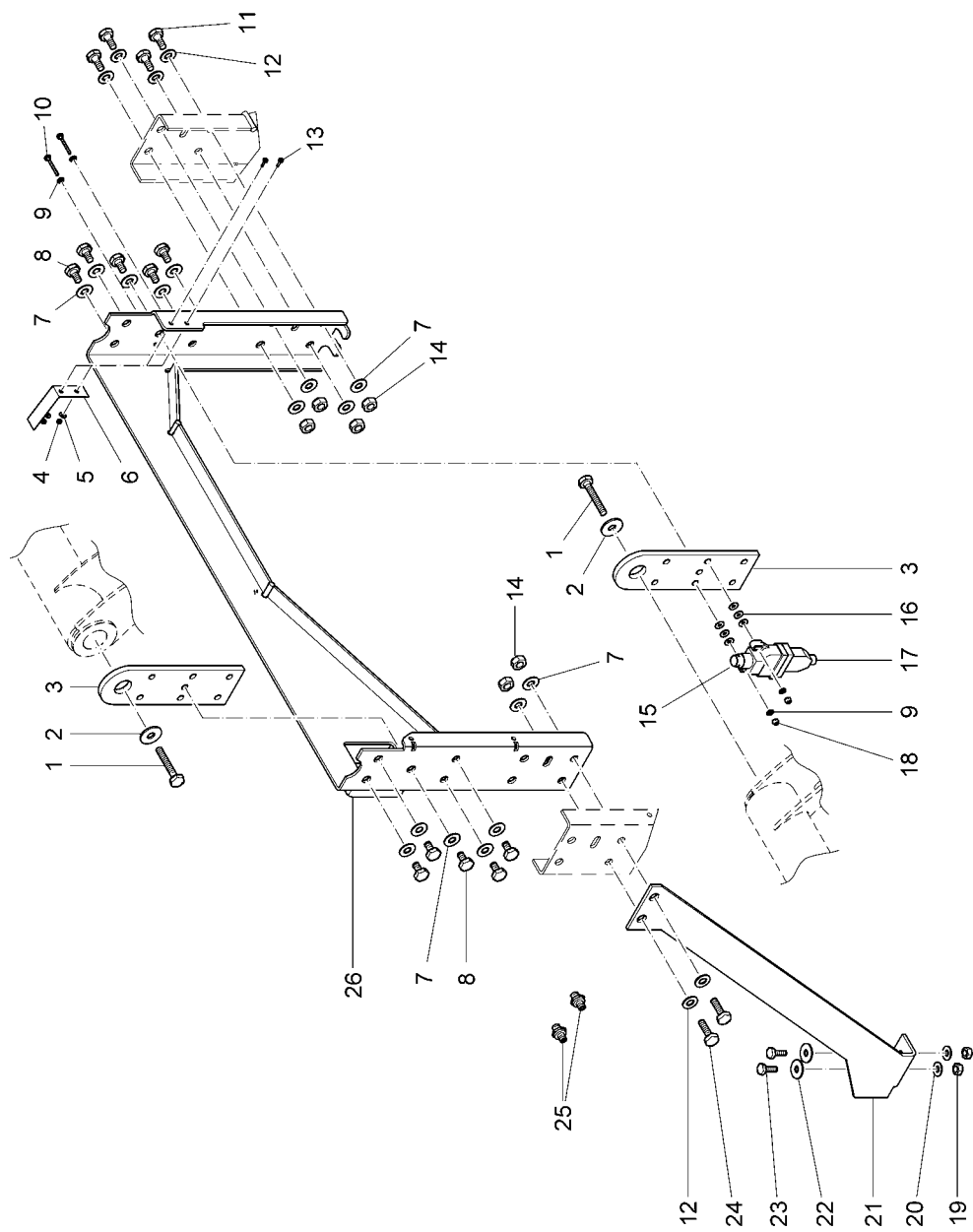
Fan bearing		
Pos.	Part No.	Description
1	00506780	Threaded pin
2	01131220	Rotating fan
3	00053010	Hex.bolt
4	03003350	Plate
5	01131230	Shaft
6	00740280	Washer
7	00053330	Hex. Nut
8	01131260	Belt pulley
9	00740090	Washer
10	00022330	Hex. Nut
11	00553690	Hex.bolt
12	00074710	Hex. Nut
13	00740290	Washer
14	01131270	Holder
15	01130970	Idler
16	00126330	Deep groove ball bearing
17	00021800	Screw



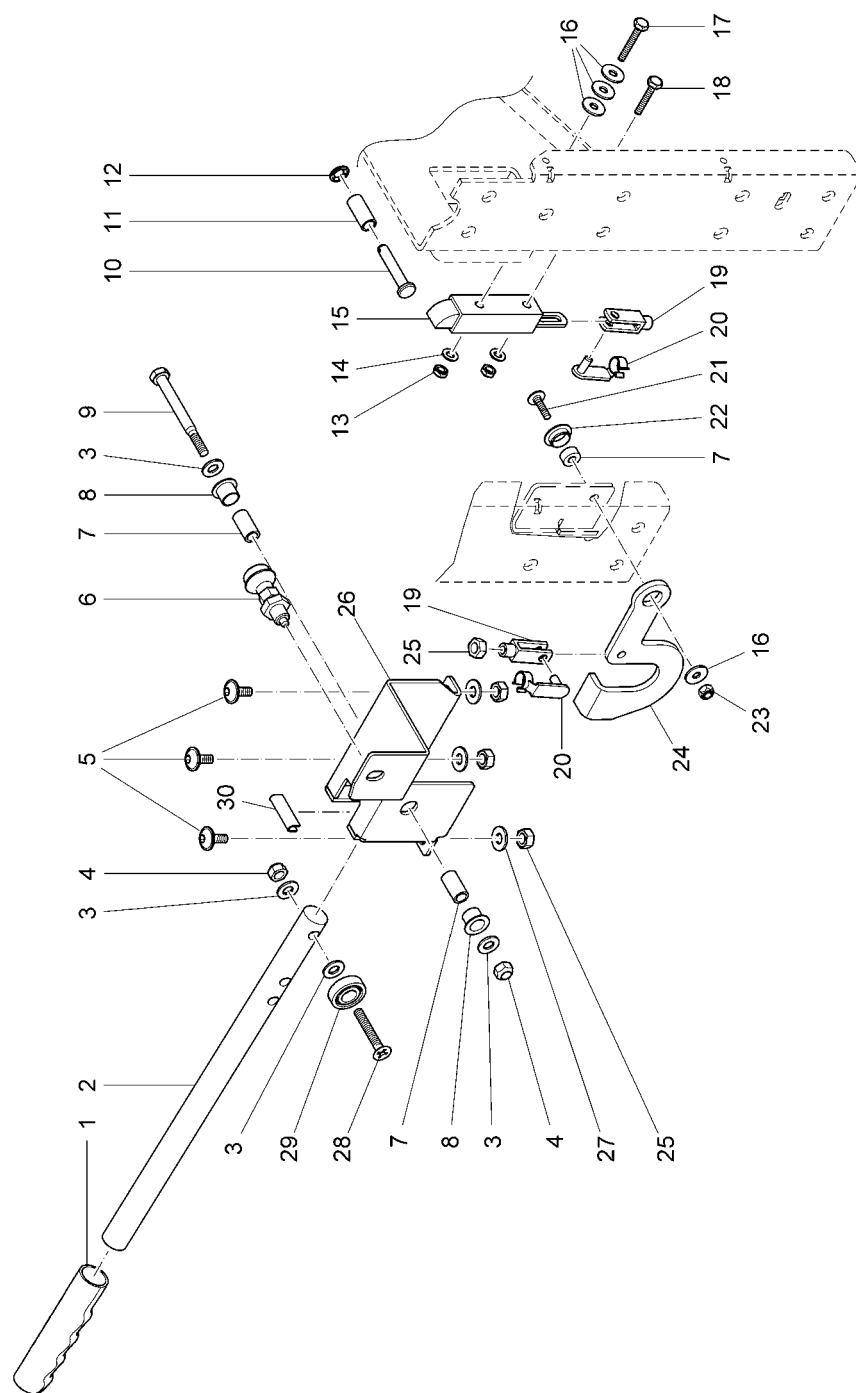
Lift-Up Disposal (Part 1)		
Pos.	Part No.	Description
1	01134680	Plain bearing bush
2	01134690	Bushing
3	00053360	Hex. Nut
4	01134700	Sealing plug
5	03006070	Bracket
6	01055290	Plain bearing bush
7	01134710	Bushing
8	00133450	Hex.bolt
9	00740290	Washer
10	00021130	Hex.bolt
11	01134720	Support
12	01134730	Approach disk
13	01134740	Phillips head flange screw
14	00051510	Hex. Nut
15	00127290	Washer
16	00053350	Hex. Nut
17	00042900	Washer
18	00046500	Hex. Nut
19	01134750	Plate
20	01134510	Bushing
21	01130080	Slide bearing bush
22	00135120	Washer
23	00051520	Hex. Nut
24	01134760	Plate
25	01133780	Starting disk
26	01130470	Slide bearing bush
27	01134770	Bushing
28	00046520	Washer
29	00053170	Hex.bolt
30	00154210	Hex.bolt
32	00053730	Washer
33	01134780	Pipe
34	00392250	Hydraulic cylinder
35	01092780	Lens flange screw
36	00743290	Washer
37	00550090	Hex.bolt
38	00051550	Hex.bolt
39	01134790	Bushing
40	00740200	Plain bearing bush
41	00967760	Cable tie



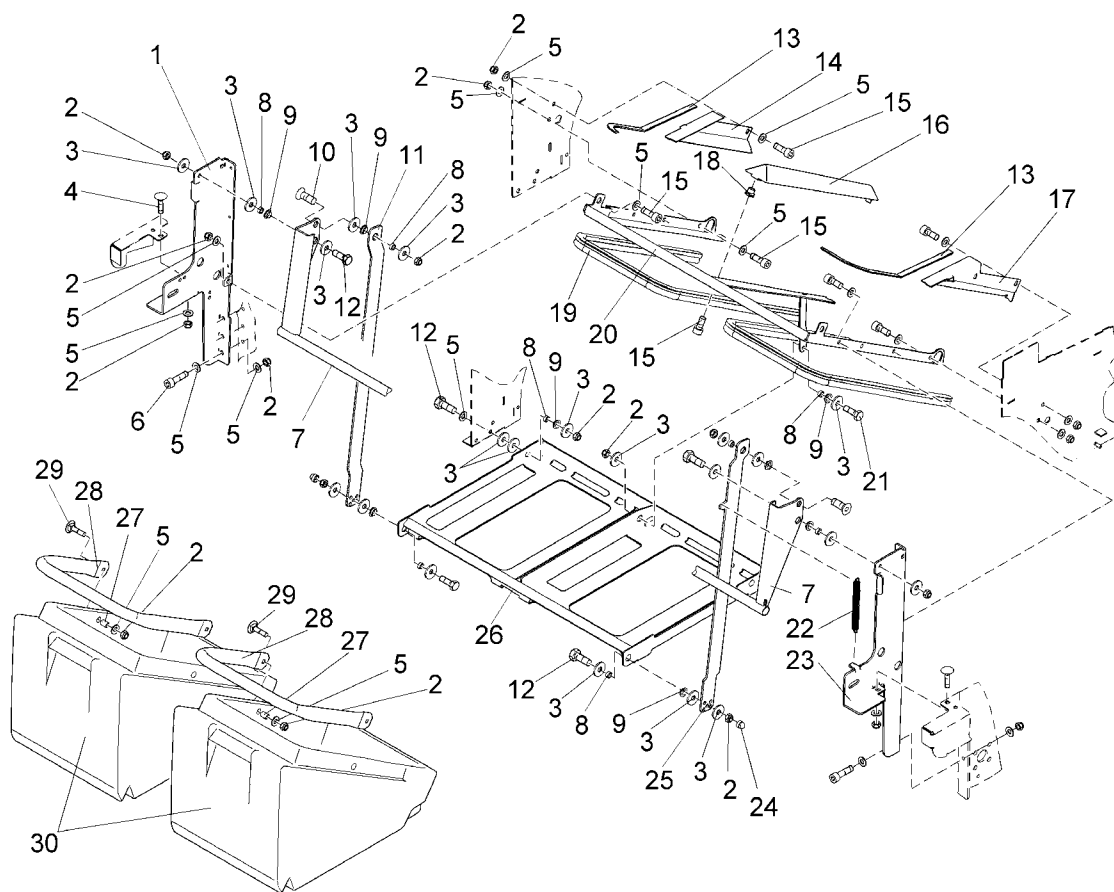
Lift-Up Disposal (Part 2)		
Pos.	Part No.	Description
1	01130300	Angel, L.H.
2	00053750	Washer
3	00045540	Cylinder head screw
4	01130310	Angel, R.H.
5	00051510	Hex. Nut
6	01130200	Gasket
7	00705440	Screw
8	01134590	Sealing plate
9	00045010	Cylinder head screw
10	01134600	Bushing
11	00046520	Washer
12	00053360	Hex. Nut
13	00053350	Hex. Nut
14	00733560	Bumper
15	00053310	Hex.bolt
16	00740090	Washer
17	00536320	Hex.bolt
18	01134610	Sheet metal
19	01134620	Sheet metal
20	00103300	Cylinder head screw
21	01134630	Sheet metal
22	00124830	Deep groove ball bearing
23	00101500	Screw
24	00104500	Hex.bolt
25	00740280	Washer
26	00053330	Hex. Nut
27	00740290	Washer
28	01134640	Sheet metal
29	01134650	Sheet metal
30	00855380	Washer
31	01134660	Dirt container
32	00161240	Edge protection
33	01134670	Sheet metal
34	00750430	Edge protection



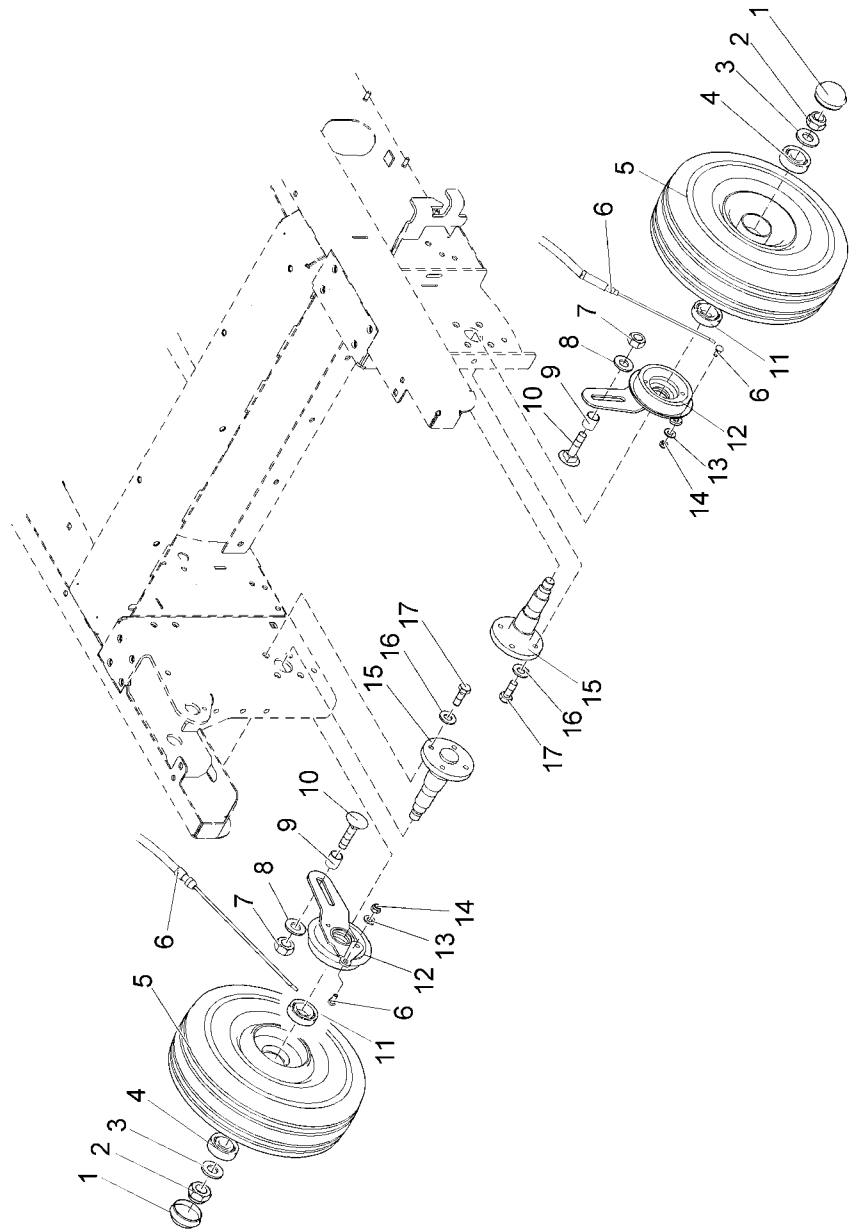
Lift-Up Disposal (Part 3)		
Pos.	Part No.	Description
1	00107100	Hex.bolt
2	00046520	Washer
3	01134560	Retainer
4	00073270	Hex. Nut
5	00747400	Washer
6	01134570	Flat spring
7	00740290	Washer
8	00055460	Hex.bolt
9	00053710	Washer
10	00900590	Hex.bolt
11	00021130	Hex.bolt
12	00053760	Washer
13	00535780	Phillips-head screw
14	00053360	Hex. Nut
15	00927610	Switch
16	00557150	Washer
17	00927630	Cap
18	00133830	Hex. Nut
19	00053350	Hex. Nut
20	00740090	Washer
21	01134580	Sheet metal
22	00042900	Washer
23	00053090	Hex.bolt
24	00053160	Hex.bolt
25	01134430	Straight screw connection



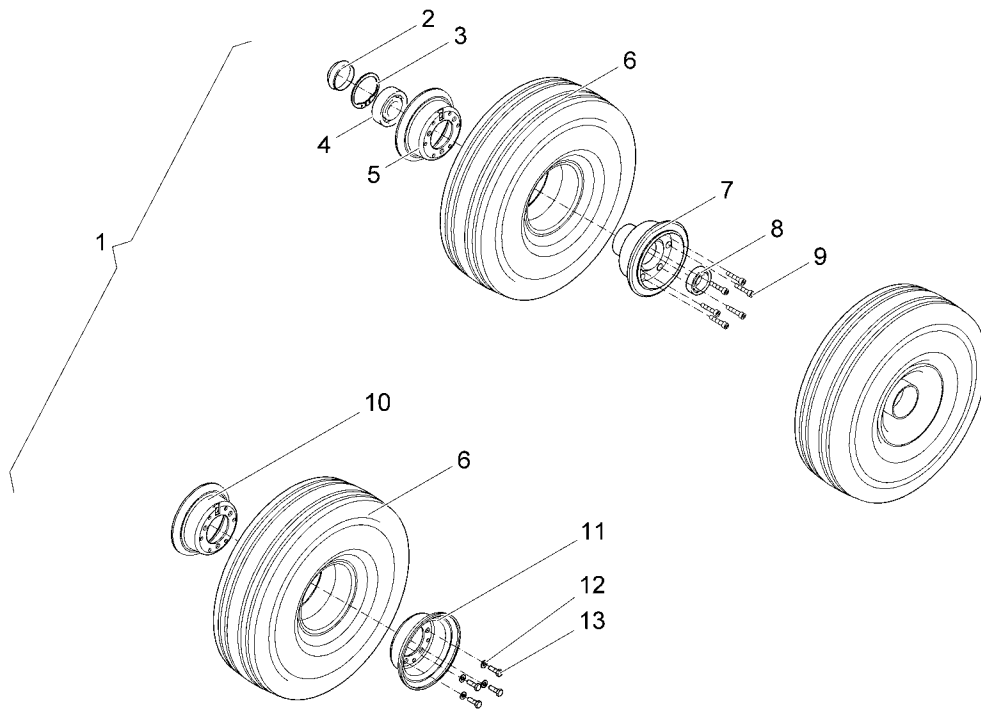
Lift-Up Disposal (Part 4)		
Pos.	Part No.	Description
1	00552970	Handle
2	01134490	Lever
3	00053750	Washer
4	00051510	Hex. Nut
5	01006820	Lens flange screw
6	01134500	Locking bolt
7	01134510	Bushing
8	01071440	Plain bearing bush
9	00534440	Hex.bolt
10	00706200	Bolt
11	01134520	Pipe
12	00854420	Thrust washer
13	00135790	Hex. Nut
14	00740280	Washer
15	01070220	Spring lock
16	00135120	Washer
17	00053290	Hex.bolt
18	00053040	Hex.bolt
19	00851570	Fork yoke
20	00851590	Bolt
21	01092780	Lens flange screw
22	01130080	Slide bearing bush
23	00051520	Hex. Nut
24	01134530	Sheet metal
25	00053350	Hex. Nut
26	01134540	Retainer
27	00740090	Washer
28	01134550	Countersunk screw
29	00124830	Deep groove ball bearing



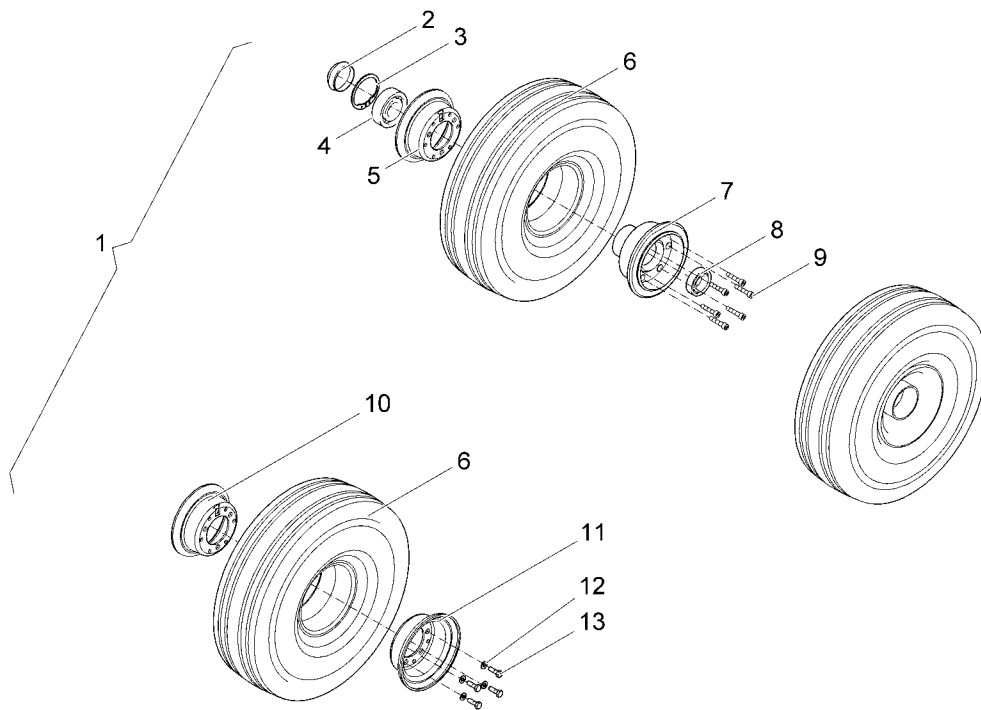
Hopper		
Pos.	Part No.	Description
1	01130050	Holder, L.H.
2	00051510	Hex. Nut
3	00042900	Washer
4	00878410	Screw
5	00053750	Washer
6	00103300	Cylinder head screw
7	01130060	Handle
8	01130070	Bush
9	01130080	Slide bearing bush
10	00101500	Screw
11	01130090	Holder, L.H.
12	00053100	Hex.bolt
13	01130200	Gasket
14	01130300	Angle, L.H.
15	00045540	Cylinder head screw
16	01130100	Plate filter
17	01130310	Angle, R.H.
18	01130110	Nut
19	00750430	Edge protection
20	01130120	Sealing plate
21	00077110	Hex.bolt
22	01130130	Pull spring
23	01130140	Holder, R.H.
24	00874930	Lens cap
25	01130150	Holder, R.H.
26	01130160	Plate filter
27	01130170	Bush
28	01130180	Handle
29	00078920	Screw
30	01130190	Hopper



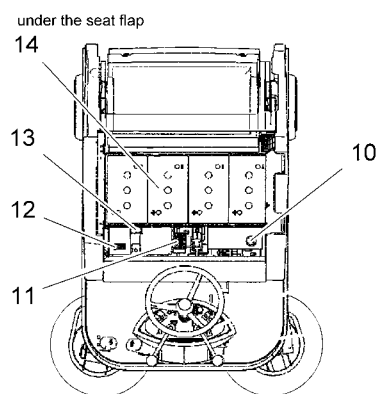
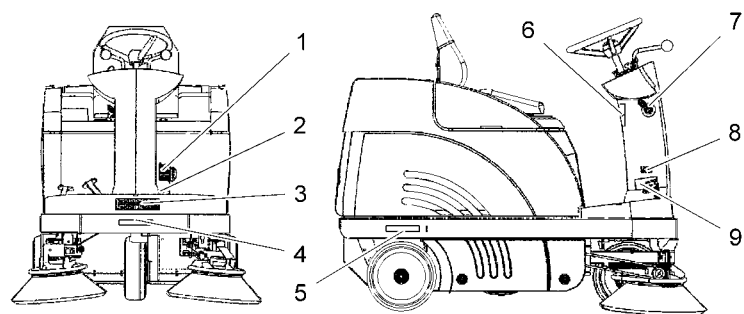
Rear-wheel - Brake		
Pos.	Part No.	Description
1	01131060	Cap
2	00135350	Hex. Nut
3	01131070	Washer
4	00706370	Deep groove ball bearing
5	01130770	Rear wheel
6	01130350	Bowden cable for brake
7	00074710	Hex. Nut
8	00053760	Washer
9	01130780	Bush
10	01130790	Cup head square neck bolt
11	00281050	Deep groove ball bearing
12	01131080	Brake
13	00053730	Washer
14	00051520	Hex. Nut
15	01131090	Axle with flange
16	00740290	Washer
17	00021130	Hex.bolt



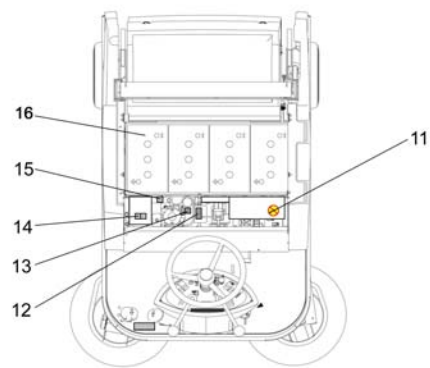
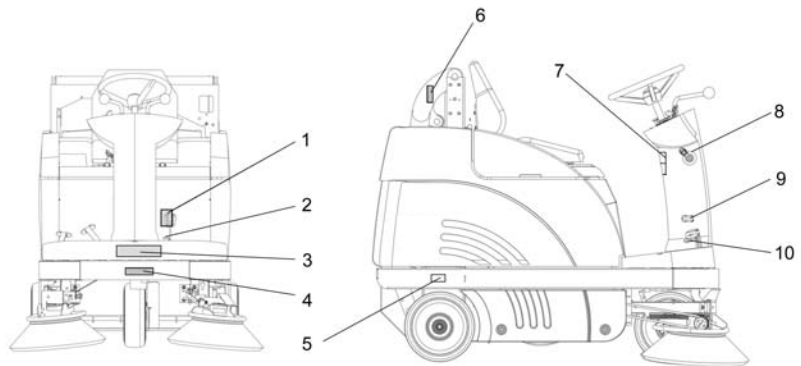
Set of SE-solid wheels		
Pos.	Part No.	Description
1	99651600	Set solid rubber tires
2	01131060	Cap
3	00054230	Retaining ring
4	00706370	Deep groove ball bearing
5	01133010	Rim half
6	01133030	Tire
7	01132990	Brake drum
8	00281050	Deep groove ball bearing
9	00137020	Cylinder head screw
11	01133020	Rim half
12	00053730	Washer
13	00053010	Hex.bolt



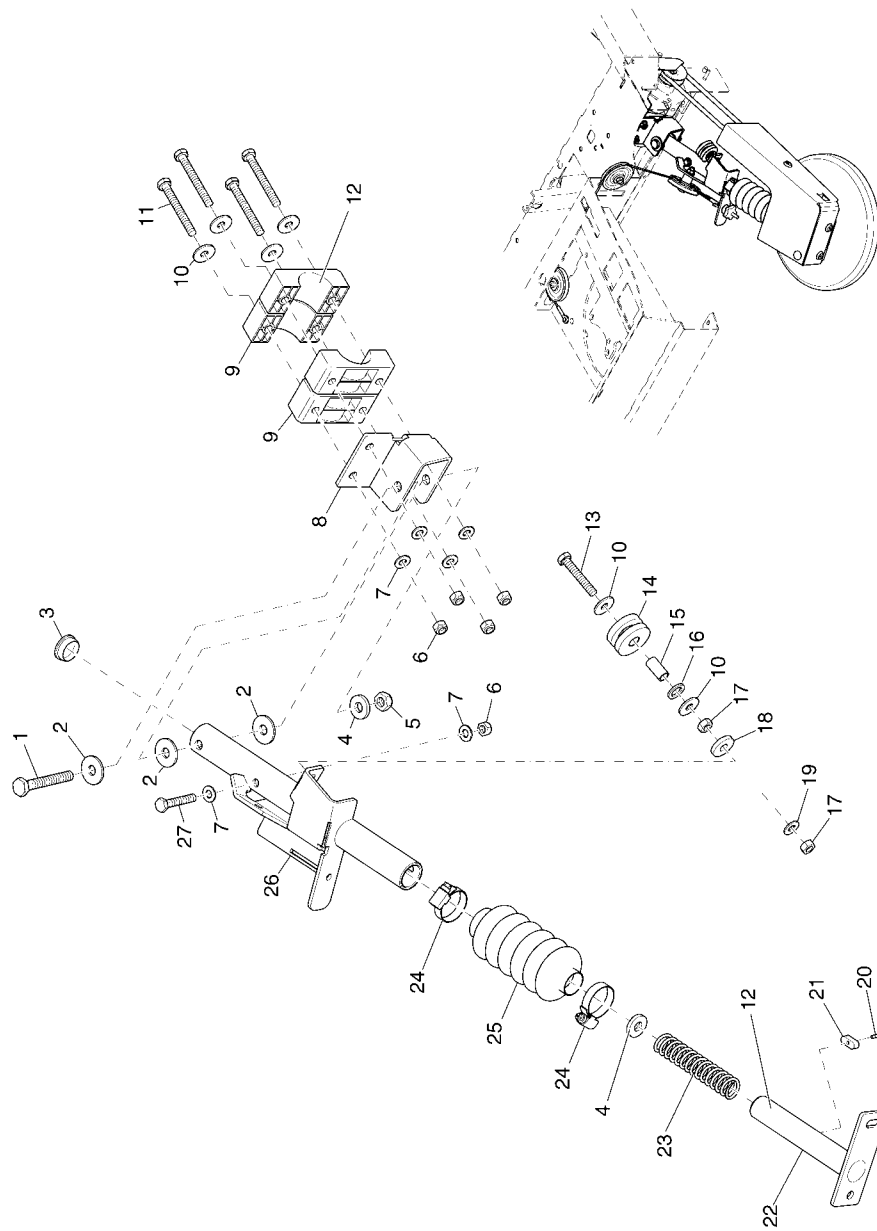
Set of SE-solid wheels, not marking		
Pos.	Part No.	Description
1	99651200	Solid tires, non marking
2	01131060	Cap
3	00054230	Retaining ring
4	00706370	Deep groove ball bearing
5	01133010	Rim half
6	01132980	Tire Solid, non marking
7	01132990	Brake drum
8	00281050	Deep groove ball bearing
9	00137020	Cylinder head screw
11	01133020	Rim half
12	00053730	Washer
13	00053010	Hex.bolt



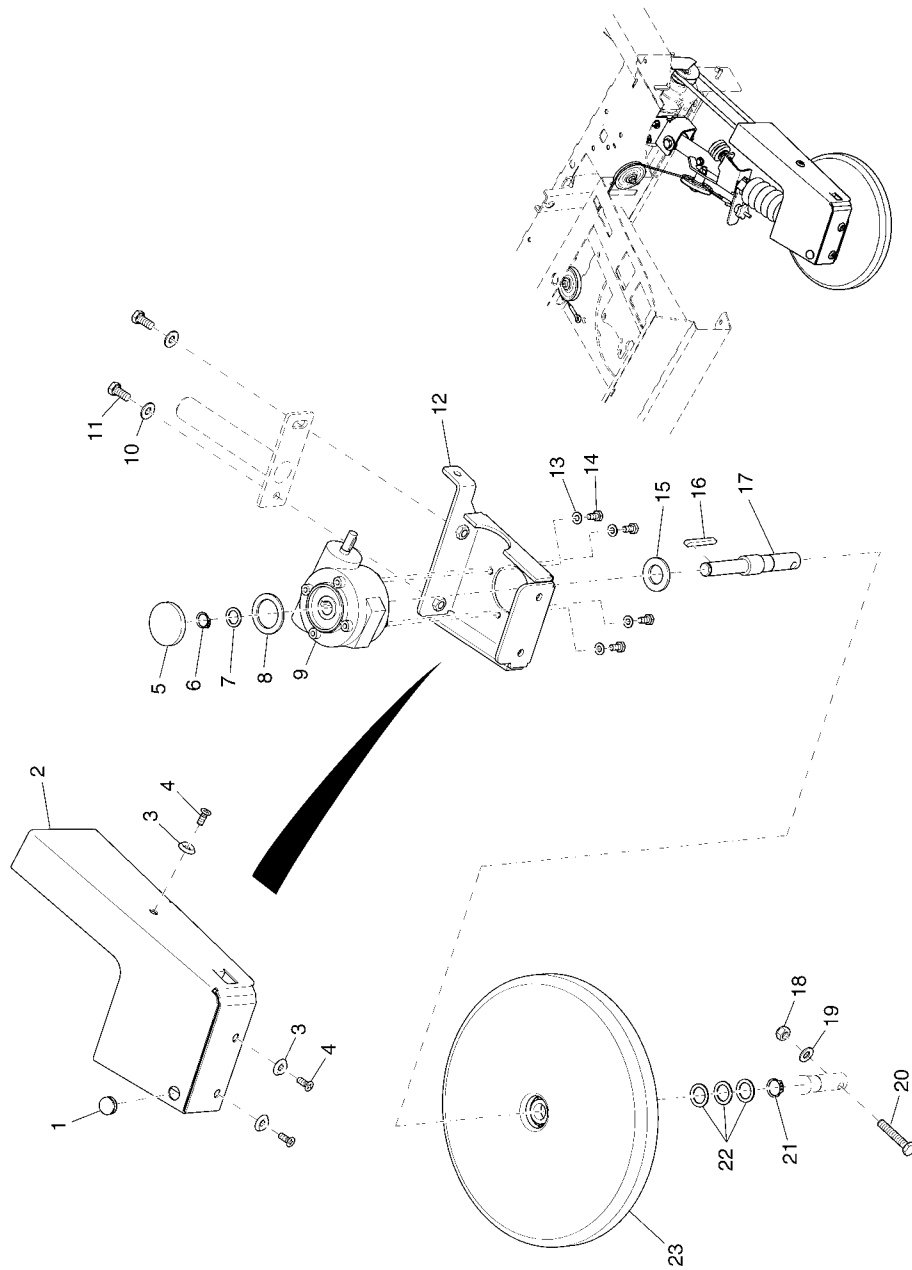
Decal		
Pos.	Part No.	Description
1	01131540	Decal brush apron
2	01131550	Decal brake
3	N/A	
4	x	Decal Powerboss
5	x	Decal Apex 49
6	01071710	Decal instruction manual
7	01133270	Decal start
8	01131560	Decal brake
9	01073530	Backing film
10	01131570	Decal high-pressure cleaner
11	01133940	Decal adjustable sweeper roller
12	01131590	Decal rotating parts
13	00871160	Decal 24V
14	01133290	Decal battery charge



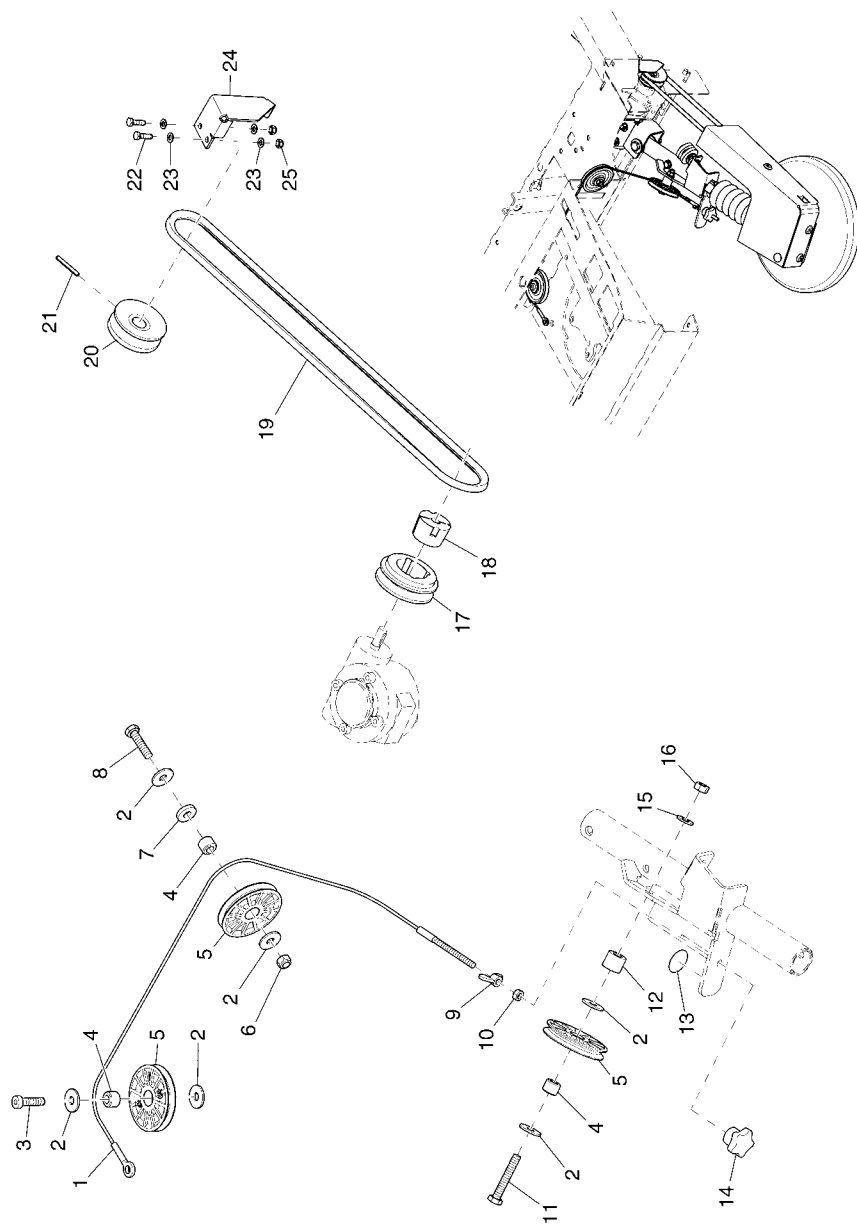
Decal lift-up disposal		
Pos.	Part No.	Description
1	01131540	Decal brush apron
2	01131550	Decal brake
3	N/A	Decal Minuteman
4	x	Decal Powerboss
5	x	Decal Apex 49
6	01142760	Decal squeezing danger
7	01071710	Decal instruction manual
8	01133270	Decal start
9	01131560	Decal brake
10	01073530	Backing film
11	01131570	Decal high-pressure cleaner
12	01073530	Backing film
13	01132710	Decal hydraulic oil
14	01131590	Decal rotating parts
15	00871160	Decal 24V
16	01133290	Decal battery charge



Side Brush l.h. Part 1		
Pos.	Part No.	Description
1	00041810	Hex. Bolt
2	00046520	Washer
3	00152850	Drain plug
4	00855380	Washer
5	00132880	Hex. Nut
6	00051510	Hex. Nut
7	00053750	Washer
8	01135020	Holder, l.h.
9	01130610	Bearing
10	00042900	Washer
11	00557600	Hex. Bolt
13	00138180	Hex. Bolt
14	00740930	Roller
15	00855240	Bushing
16	00156720	Washer
17	00053350	Hex. Nut
18	00047990	Disk wheel
19	00740090	Washer
20	00695680	Phillips-head screw
21	01132380	Fitted key
22	01135040	Holder
23	00701250	Pressure spring
24	01071480	Hose clamp
25	01130670	Bellows
26	01135050	Side brush arm
27	00041600	Hex. Bolt



Side Brush l.h. Part 2		
Pos.	Part No.	Description
1	00740360	Cable sleeve
2	01135030	Covering
3	00157690	Washer
4	00154680	Screw
5	01131530	Cap
6	00022440	Retaining ring
7	00020610	Supporting ring
8	00155120	Supporting ring
9	01130740	Gear
10	00740090	Washer
11	00553690	Hex.bolt
12	01135060	Gear holder
13	00740280	Washer
14	00104500	Hex.bolt
15	00871350	Washer
16	00072940	Fitted key
17	01132790	Drive shaft
18	00051510	Hex.nut
19	00053750	Washer
20	00041600	Hex.bolt
21	00022230	Retaining ring
22	00041590	Supporting ring
23	01132800	Deflector grey



Side Brush I.h. Part 3		
Pos.	Part No.	Description
1	01135000	Rope
2	00042900	Washer
3	00537390	Hex.bolt
4	00974400	Bushing
5	00521270	Roller
6	00051510	Hex.nut
7	00695300	Washer
8	00054690	Hex.bolt
9	00054020	Wing nut
10	00053330	Hex.nut
11	00138180	Hex.bolt
12	00029170	Bushing
13	01130650	Decal
14	00853730	Star handle
15	00740090	Washer
16	00053350	Hex.nut
17	01130730	Belt pulley
18	01130720	Bushing
19	01134320	Narrow V-belt
20	01134990	Belt pulley
21	00052420	Dowel pin
22	00054410	Hex.bolt
23	00053720	Washer
24	01135010	Angle
25	00051340	Hex.nut



PowerBoss, Inc.
declares under our sole responsibility
that the product;

Apex 49

Type: PB40BL, PB40BH

to which this declaration relates, corresponds to the relevant basic safety and health requirements of the Directives 98/37/EEC, and to the requirements of the relevant Directive

- 89/336/EEC.

For the relevant implementation of the safety and health requirements mentioned in the Directives, the following standard(s) and/or technical specification(s) has (have) been respected:

EN 60335-2-72

EN 61000-6-3

EN 61000-6-2s

Revision D

Effective June 1, 2007

PowerBoss Made Simple Industrial Limited Warranty

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 PowerBoss 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 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.

Warranty Information

	Travel*	Labor	Parts	Engine
Walk Behinds				
Battery sweepers	Ninety days	One year	One year	N/A
IC sweepers	Ninety days	One year	One year	Through manufacturer
Battery scrubbers	Ninety days	Two years	Three years	N/A
Riders				
Battery scrubbers	Ninety days	Two years	Three years/2000 hrs	N/A
IC sweeper/ scrubbers	Ninety days	Six months	Two years/2000 hrs	Two years/3000 hrs
IC sweepers	Ninety days	Six months	Four years/3000 hrs	Five years/3000 hrs
Exceptions				
Apex series sweepers	Ninety days	One year	One year/1000 hrs	One year/1000 hrs
6X sweeper	Ninety days	Six months	Two years/2000 hrs	Two years/2000 hours

Tank Bladders
Polypropylene Plastic Tanks
Batteries

Chargers
Replacement Parts
Travel Time

Eight years/ no additional labor
Ten years/ no additional labor
0-3 months full replacement
4-12 prorated credit
One-year replacement
Ninety days
*Two-hour cap

Extended Warranties Available

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



PowerBoss®

“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