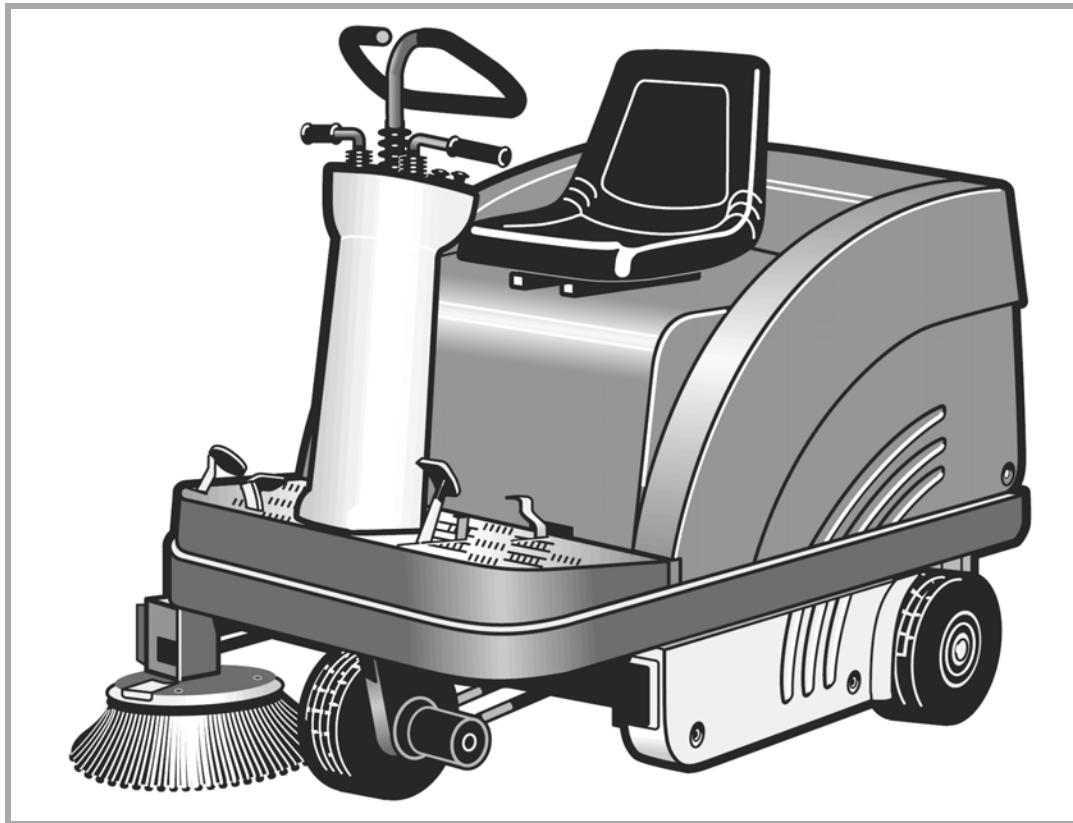


Kleen Sweep 40R/47R

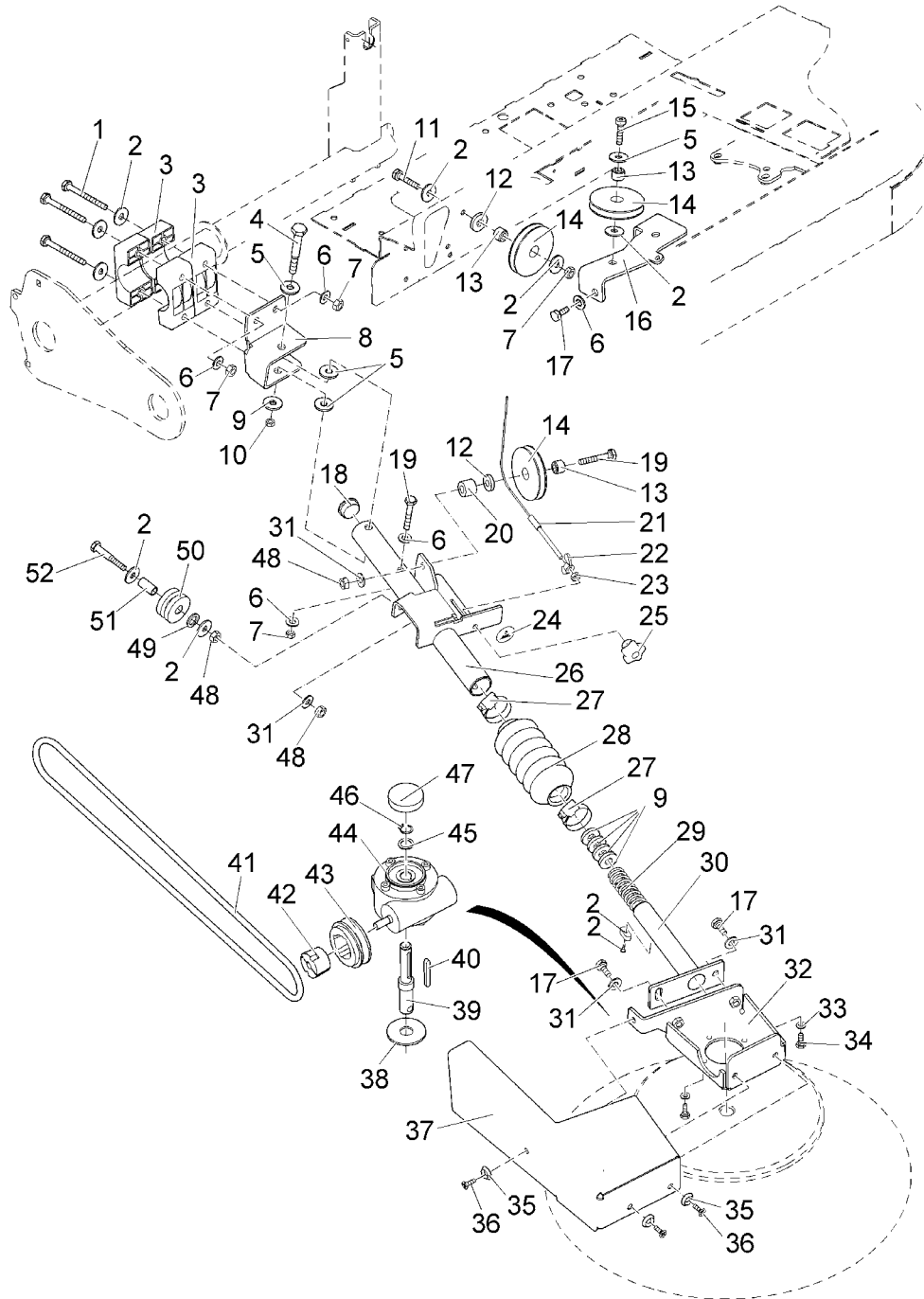
Model: HM40B, HM47B, HM40BQP, HM47BQP, HM40QP, HM50QP

Spare Parts Catalog

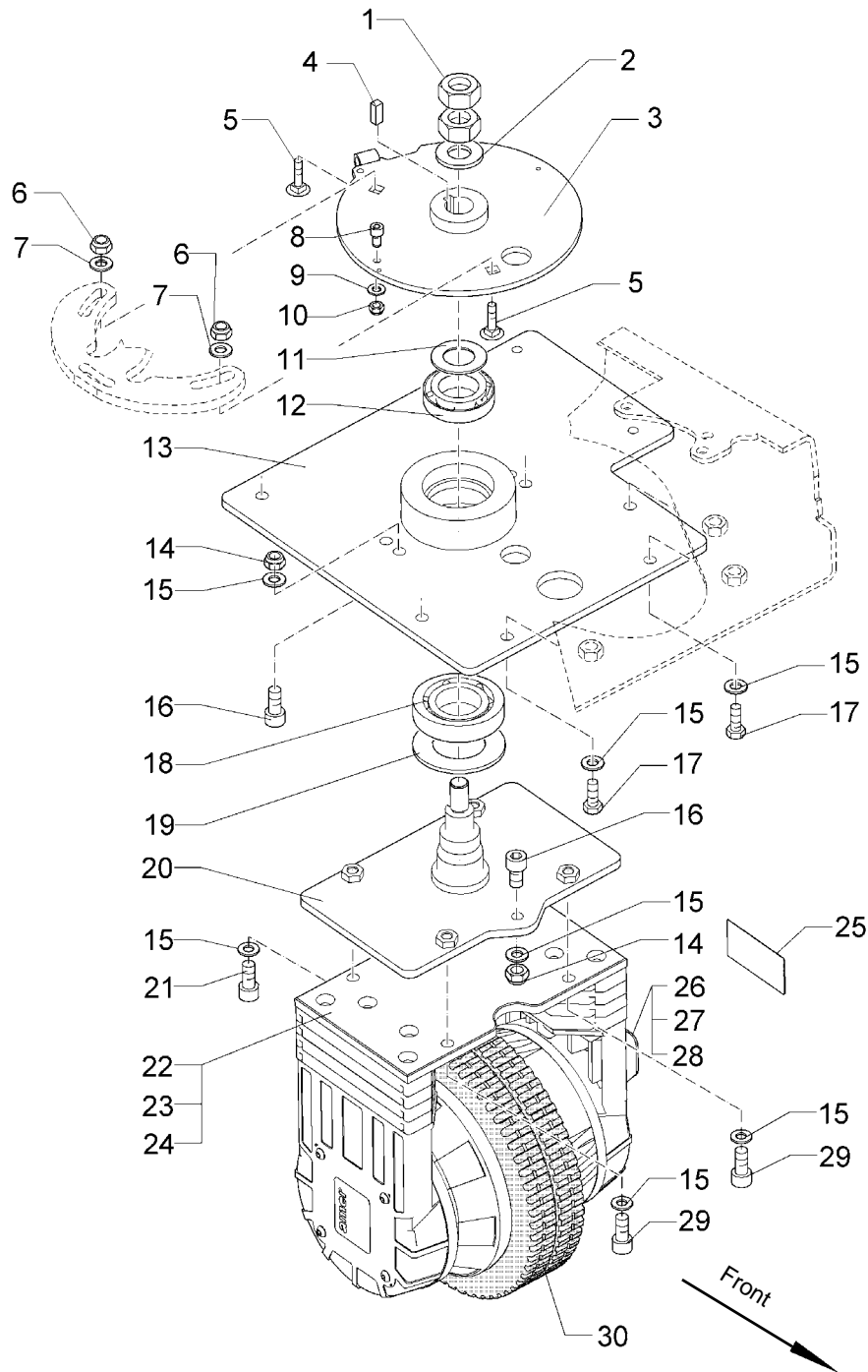


Minuteman[®]

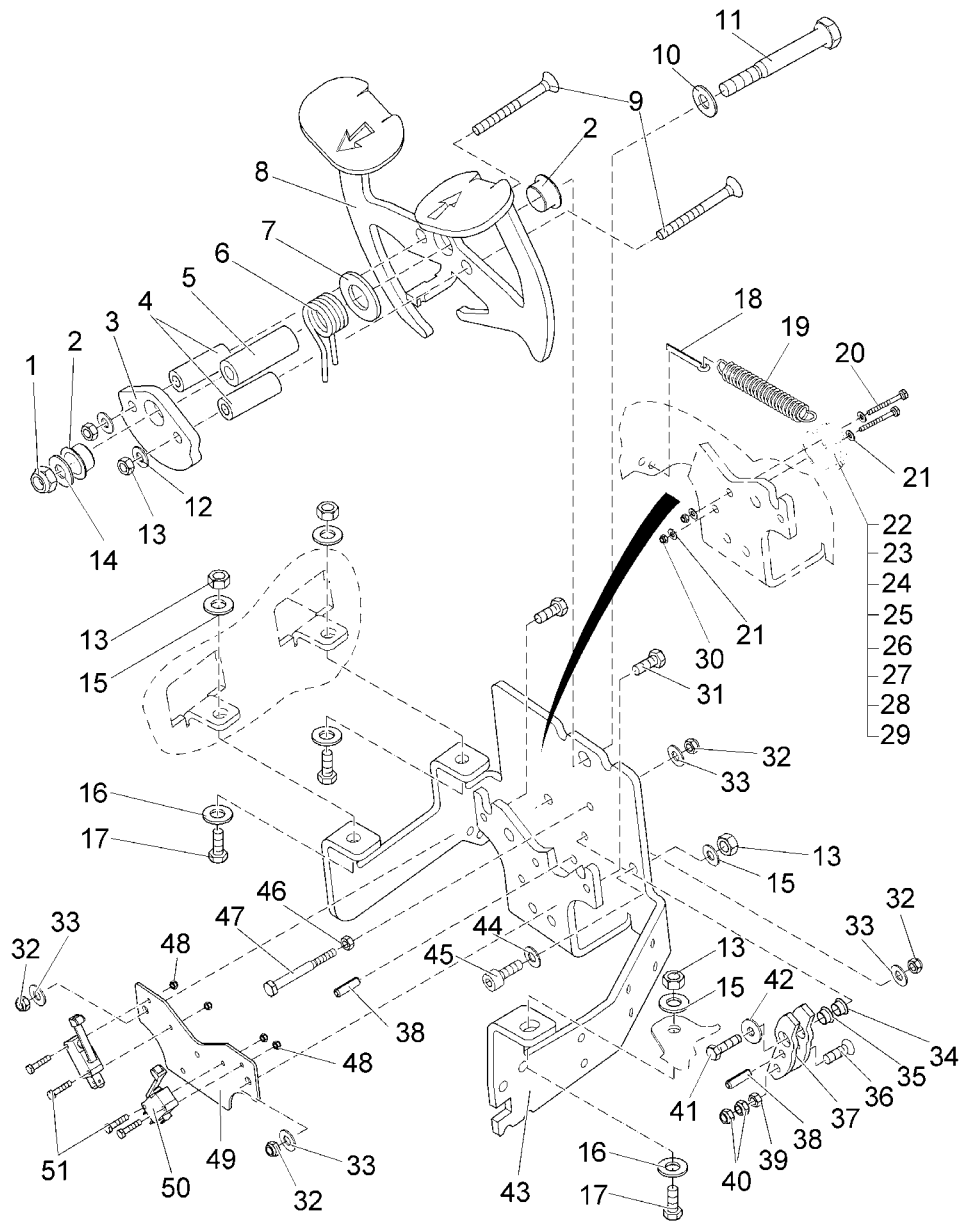
8 Spare part list



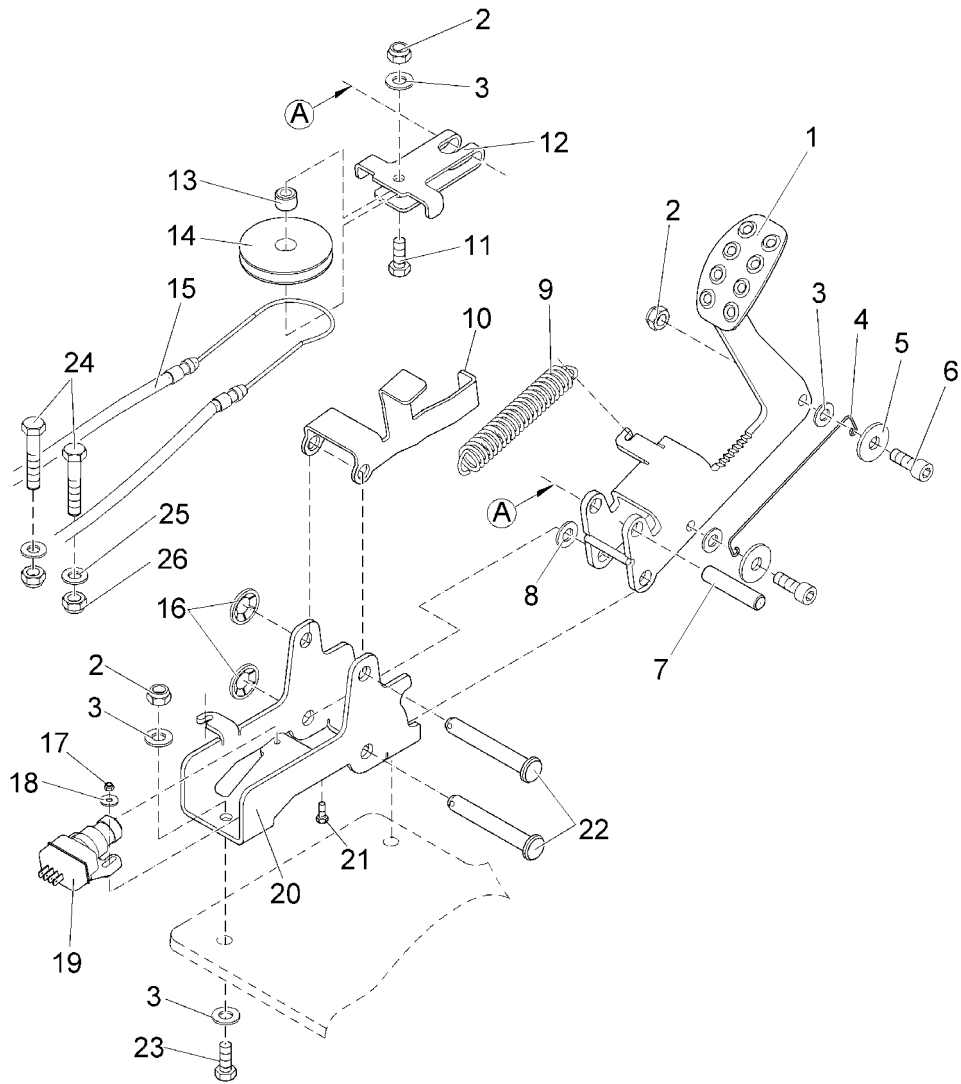
Side brush			
Item	PN	Qty.	
1	00557600	4	Hex. bolt
2	00042900	10	Washer
3	01130610	4	Bearing
4	00041810	1	Hex. bolt
5	00046520	3	Washer
6	00053750	8	Washer
7	00051510	6	Hex. nut
8	01130620	1	Holder
9	00855380	5	Washer
10	00132880	1	Hex. nut
11	00054690	1	Hex. bolt
12	00695300	2	Washer
13	00974400	3	Bushing
14	00521270	3	Sheave
15	00537390	1	Cylinder screw
16	01130630	1	Holder
17	00553690	4	Hex. bolt
18	00152850	1	Plug
19	00041600	2	Hex. bolt
20	00029170	1	Spacer sleeve
21	01130640	1	Rope
22	00054020	1	Wing nut
23	00053330	1	Hex. nut
24	01130650	1	Decal
25	00853730	1	Hand wheel
26	01130660	1	Side brush holder
27	01071480	2	Hose clamp
28	01130670	1	Bellows
29	00701250	1	Pressure spring
30	01130680	1	Holder
31	00740090	4	Detent washer
32	01130690	1	Holder
33	00740280	4	Detent washer
34	00104500	4	Hex. bolt
35	00157690	3	Hollow disc
36	00154680	3	Countersunk screw
37	01131400	1	Cover
38	00954200	1	Washer
39	01130700	1	Shaft
40	00072940	1	Adjusting spring
41	01130710	1	Belt
42	01130720	1	Bush
43	01130730	1	Belt pulley
44	01130740	1	Gear
45	00020610	1	Back-up disc
46	00022440	1	Retaining ring
47	01131530	1	Cap
48	00053350	3	Hex. nut
49	00156720	1	Washer
50	00740930	1	Guide roller
51	00855240	1	Bushing
52	00138180	1	Hex. bolt



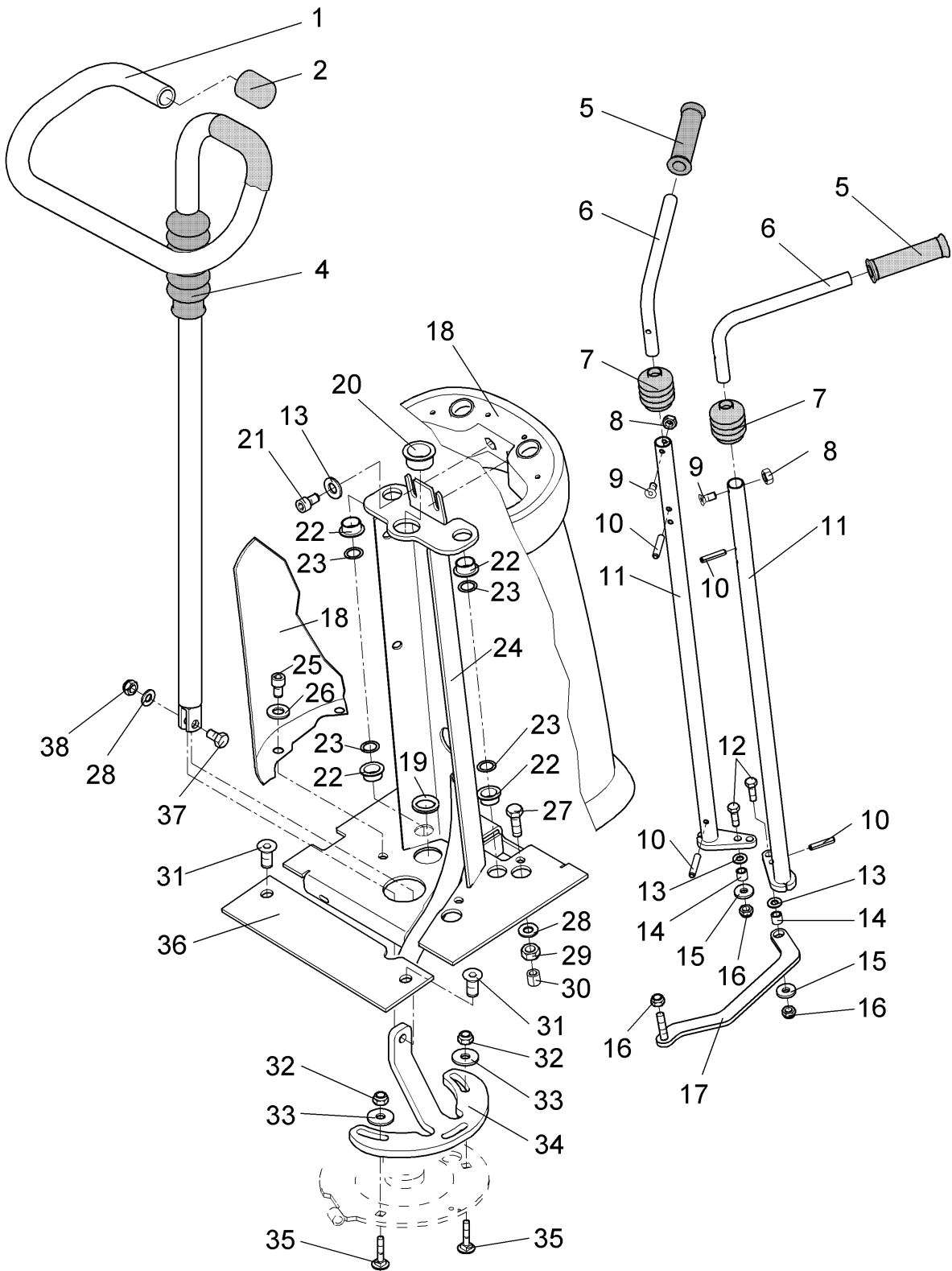
Front wheel drive			
Item	PN	Qty.	
1	00137290	2	Hex. nut
2	00053790	1	Washer
3	01130010	1	Guidance disk
4	00747530	1	Adjusting spring
5	01130020	2	Cup head square neck bolt
6	00051500	2	Hex. nut
7	00046520	2	Washer
8	00136910	1	Socket head cap screw
9	00053730	1	Washer
10	00051520	1	Hex. nut
11	01130030	1	Nilos ring
12	00048410	1	Tapered roller bearing
13	03002980	1	Front wheel bearing plate
14	00053360	3	Hex. nut
15	00870090	13	Detent washer
16	00135030	3	Socket head cap screw
17	00053310	6	Hex. bolt
18	00137930	1	Taper roller bearing
19	00746270	1	Nilos ring
20	03002990	1	Wheel carrier
21	00053650	2	Socket head cap screw
22	01130040	1	Wheel hub drive
23	01073950	4	Plug
24	01073960	4	Carbon brush
25	03003000	1	Decal
26	01131690	2	Carbon brush
27	01131680	2	Holder for carbon brush
28	01131700	1	Plug
29	00125430	2	Socket head cap screw
30	01073970	1	Wheel



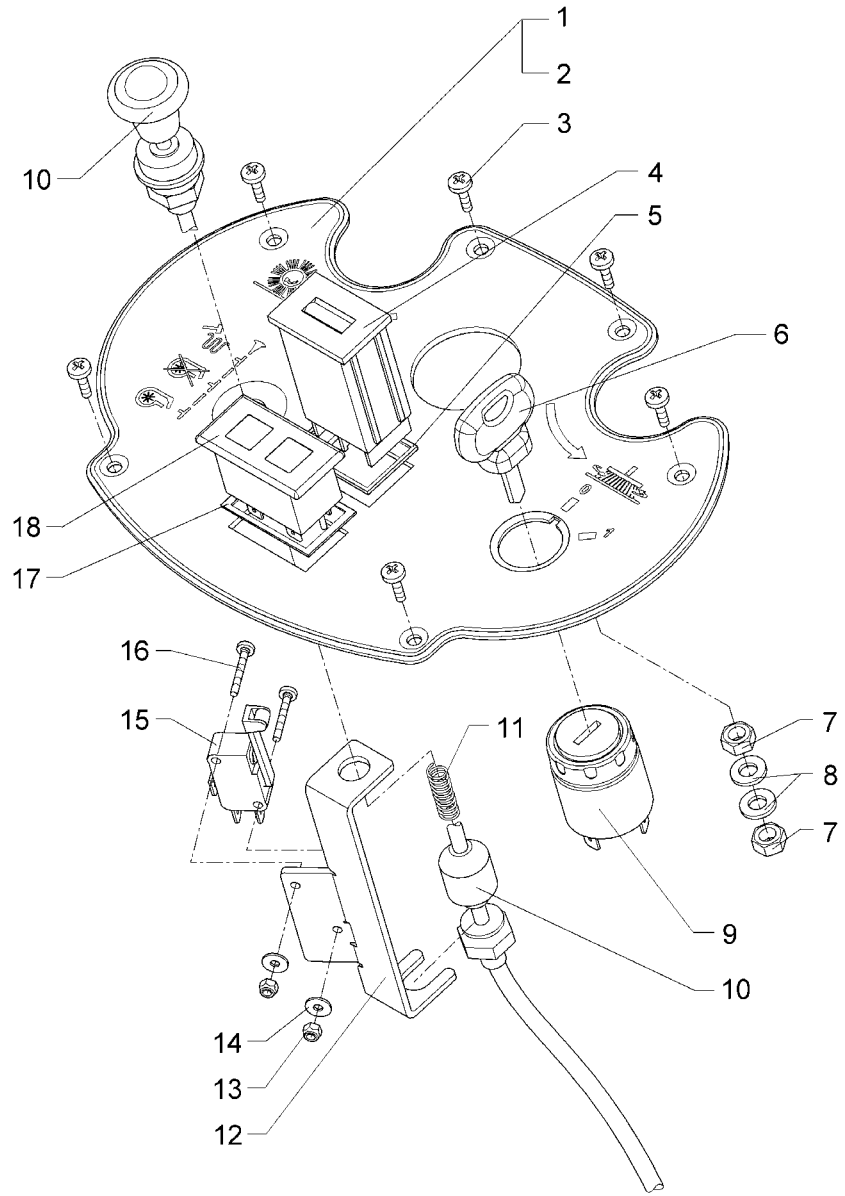
Accelerator			
Item	PN	Qty.	
1	00051490	1	Hex.nut
2	01130490	2	Bush
3	01130500	1	Plate
4	01130510	2	Bush
5	01130520	1	Bush
6	01130530	1	Spring
7	00154550	1	Washer
8	01130540	1	Accelerator
9	01130550	2	Countersunk screw
10	00875950	1	Detent washer
11	00105390	1	Hex.bolt
12	00740090	2	Detent washer
13	00053350	7	Hex.nut
14	00053770	1	Washer
15	00740310	5	Detent washer
16	00053750	3	Washer
17	00077110	3	Hex.bolt
18	00054890	1	Cotter pin
19	01130560	1	Pull spring
20	01130570	2	Hex.bolt
21	00874720	4	Washer
22	00975500	1	Turn angle transmitter
23	01073530	1	Transparency
24	01006210	6	Pin contact
25	01006190	6	Gasket
26	03003250	1	Pin housing
27	00559670	4	Flat connector sleeve
28	00083640	4	Socket housing
29	03003260	1	Line
30	00133830	2	Hex.nut
31	00053020	2	Hex.bolt
32	00051520	4	Hex.nut
33	00053730	1	Washer
34	01130580	1	Bush
35	01130590	1	Bush
36	01073650	1	Countersunk screw
37	01130600	2	Plate
38	00046440	1	Tightening sleeve
39	00053320	1	Hex.nut
40	00051340	2	Hex.nut
41	00053040	1	Hex.bolt
42	00135120	1	Washer
43	03003270	1	Angle
44	00924700	2	Washer
45	00045540	2	Socket head cap screw
46	00053330	1	Hex.nut
47	00737680	1	Hex.bolt
48	00022200	4	Hex.nut
49	03003280	1	Plate
50	00975510	2	Micro switch
51	00022180	4	Hex.bolt



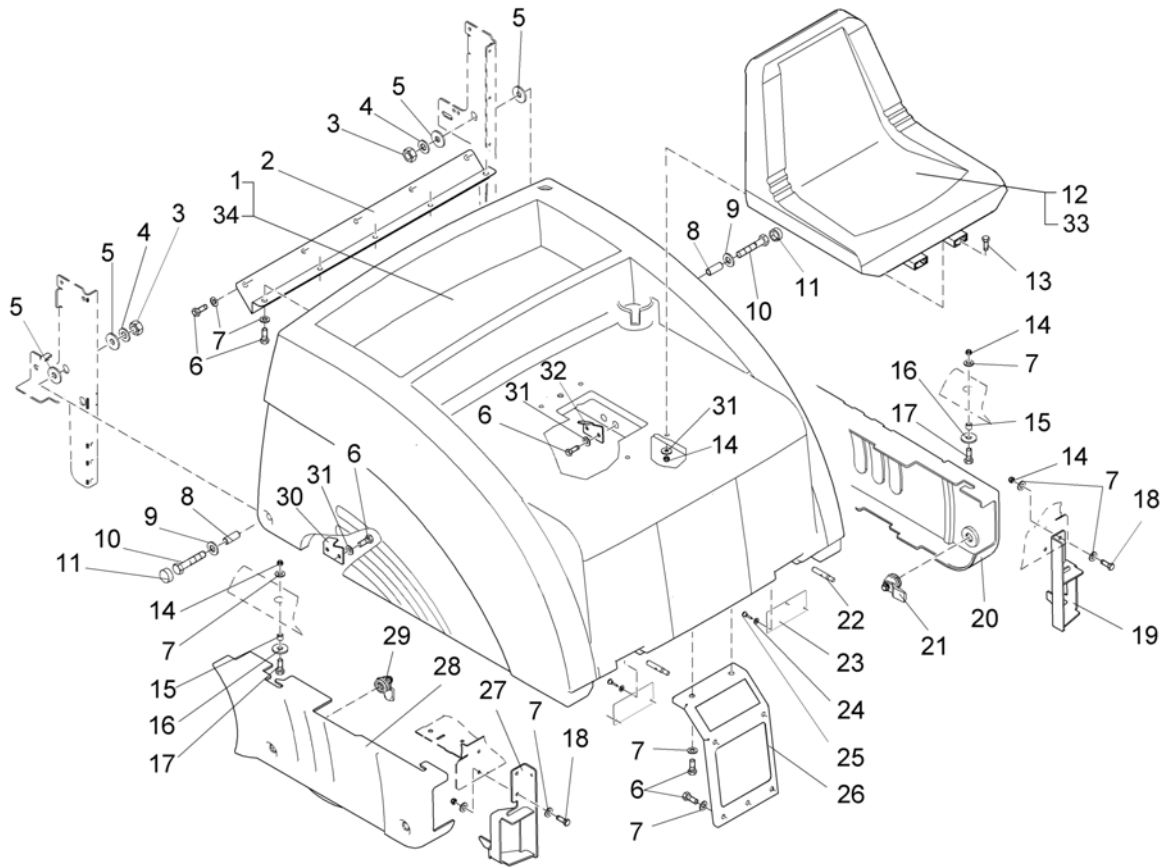
Pedal brake			
Item	PN	Qty.	
1	01130320	1	Pedale brake
2	00051510	5	Hex.nut
3	00053750	7	Washer
4	00854270	1	Bow
5	00042900	2	Washer
6	00124290	1	Socket head cap screw
7	01130330	1	Bolt
8	00555130	1	Packing ring
9	01055930	1	Pull spring
10	01130340	1	Barrier lever
11	00053110	1	Hex.bolt
12	03003170	1	Bow
13	00974400	1	Bushing
14	00521270	1	Pulley
15	01130350	1	Brake bowden cable
16	00706180	2	Retaining washer
17	00133830	2	Hex.nut
18	00557150	2	Washer
19	00927610	1	Switch
20	03003180	1	Bracket
21	00108490	2	Hex.bolt
22	00879630	2	Bolt
23	00053100	2	Hex.bolt
24	00074500	2	Hex.bolt
25	00740090	2	Detent washer
26	00053350	2	Hex.nut



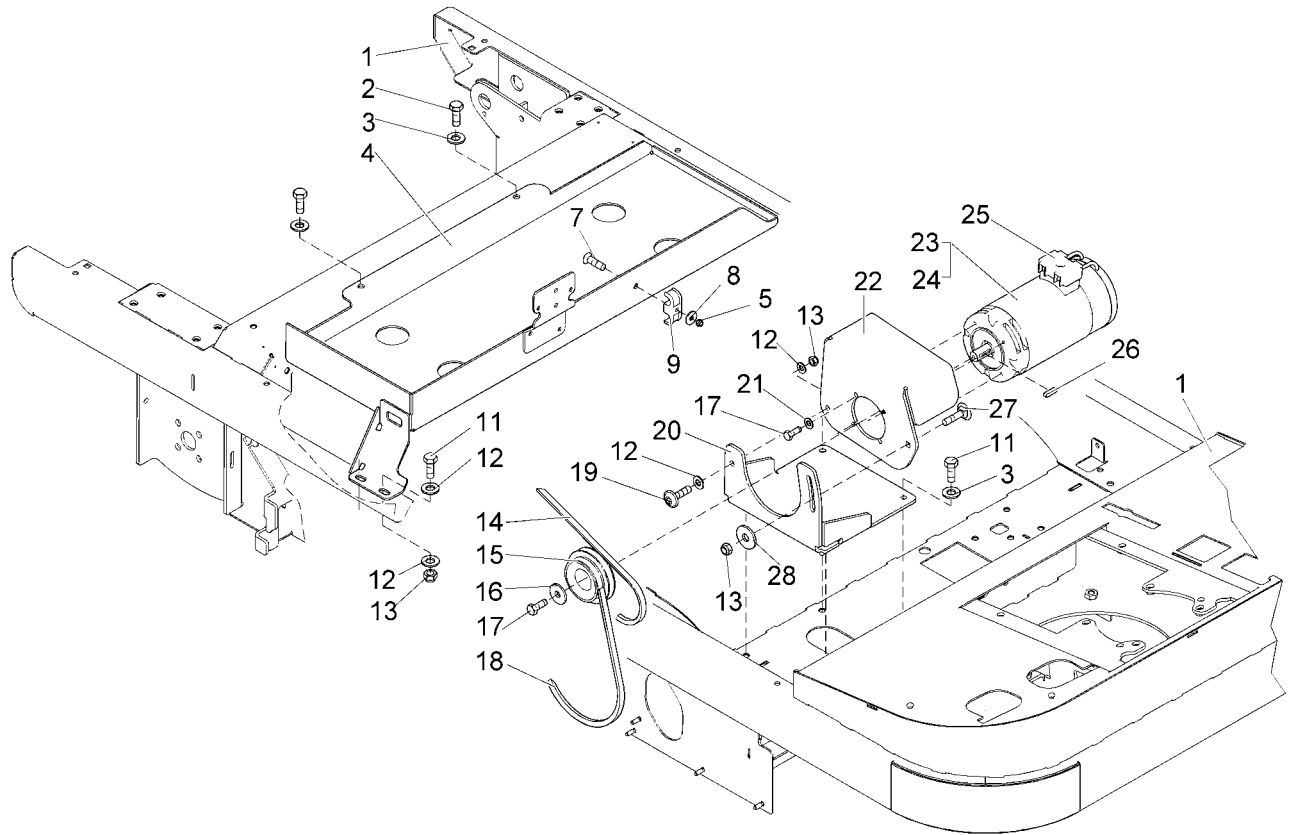
Steering			
Item	PN	Qty.	
1	01130360	1	Steering bar
2	01130370	1	Protective cap
4	01130390	1	Bellows
5	01130400	2	Handle
6	01130410	2	Arc
7	01130420	2	Bellows
8	00051520	3	Hex. nut
9	01093180	2	Countersunk screw
10	00044160	4	Tightening pin
11	01130430	2	Lever
12	00054690	2	Hex. bolt
13	00053750	4	Washer
14	00733400	2	Spacer bushing
15	00695300	2	Washer
16	00051510	3	Hex. nut
17	01130440	1	Supporting plate
18	01130450	1	Steering column
19	00521100	1	Grommet
20	01130460	1	Slide bearing bush
21	00154410	2	Cylinder head stud
22	01130470	4	Slide bearing bush
23	00046430	4	Adjusting shim
24	03003230	1	Carrier
25	00045540	4	Socket head cap screw
26	00740090	4	Detent washer
27	00053160	2	Hex. bolt
28	00053760	2	Washer
29	00132880	2	Hex. nut
30	01090960	2	Stop buffer
31	00535840	2	Countersunk screw
32	00051500	2	Hex. nut
33	00046520	2	Washer
34	01130480	1	Hold plate
35	01130020	2	Saucer head screw
36	03003240	1	Plate
37	00123690	1	Hex. bolt
38	00132880	1	Hex. nut



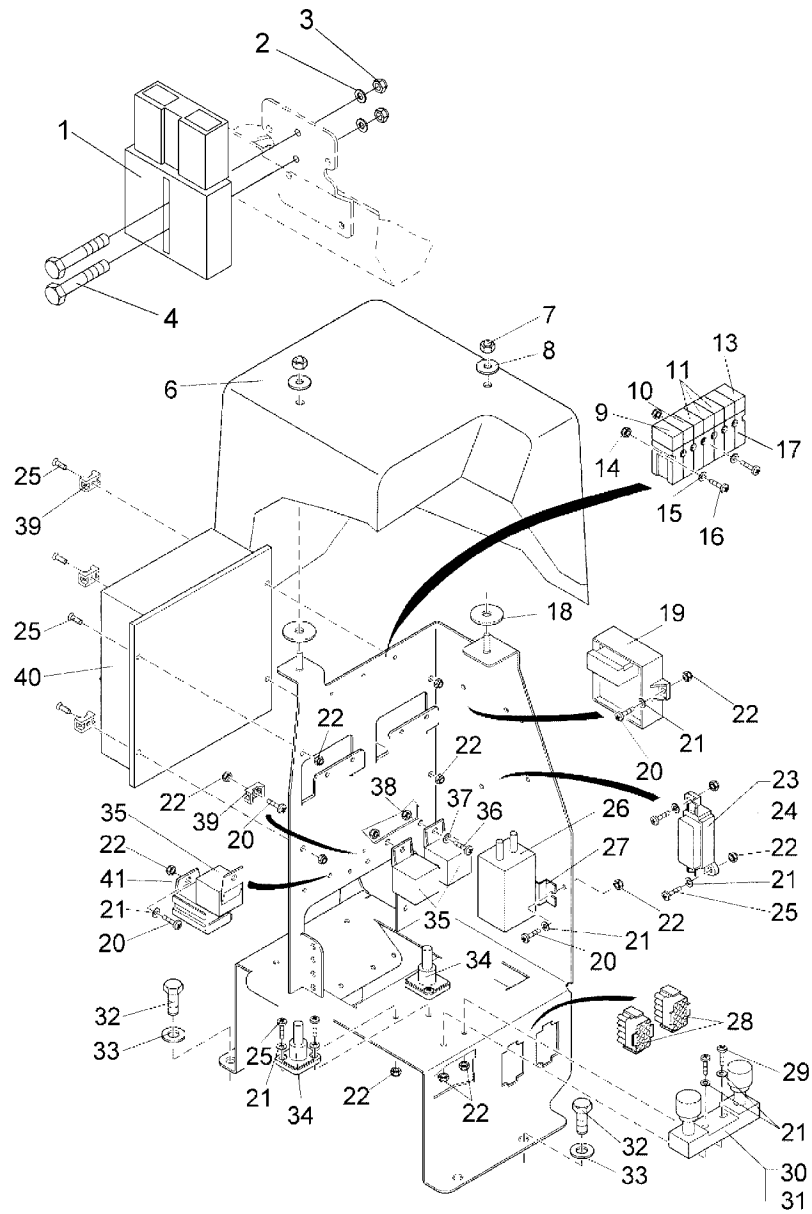
Control panel			
Item	PN	Qty.	
1	00131610	1	Control panel, tin plate
2	01131620	1	Control panel, foil
3	00052620	5	Filister head screw
4	01131640	1	Hour meter
5	01092720	1	Gasket
6	00745890	1	Key
7	00053330	2	Hex. nut
8	00053730	2	Washer
9	00021710	1	Key switch
10	01131520	1	Actuating cable
11	00902200	1	Compression spring
12	03003450	1	Holder
13	00022200	2	Hex. nut
14	00747400	2	Washer
15	00975510	1	Micro switch
16	00955220	2	Screw
17	01131640	1	Gasket
18	01131650	1	Control light



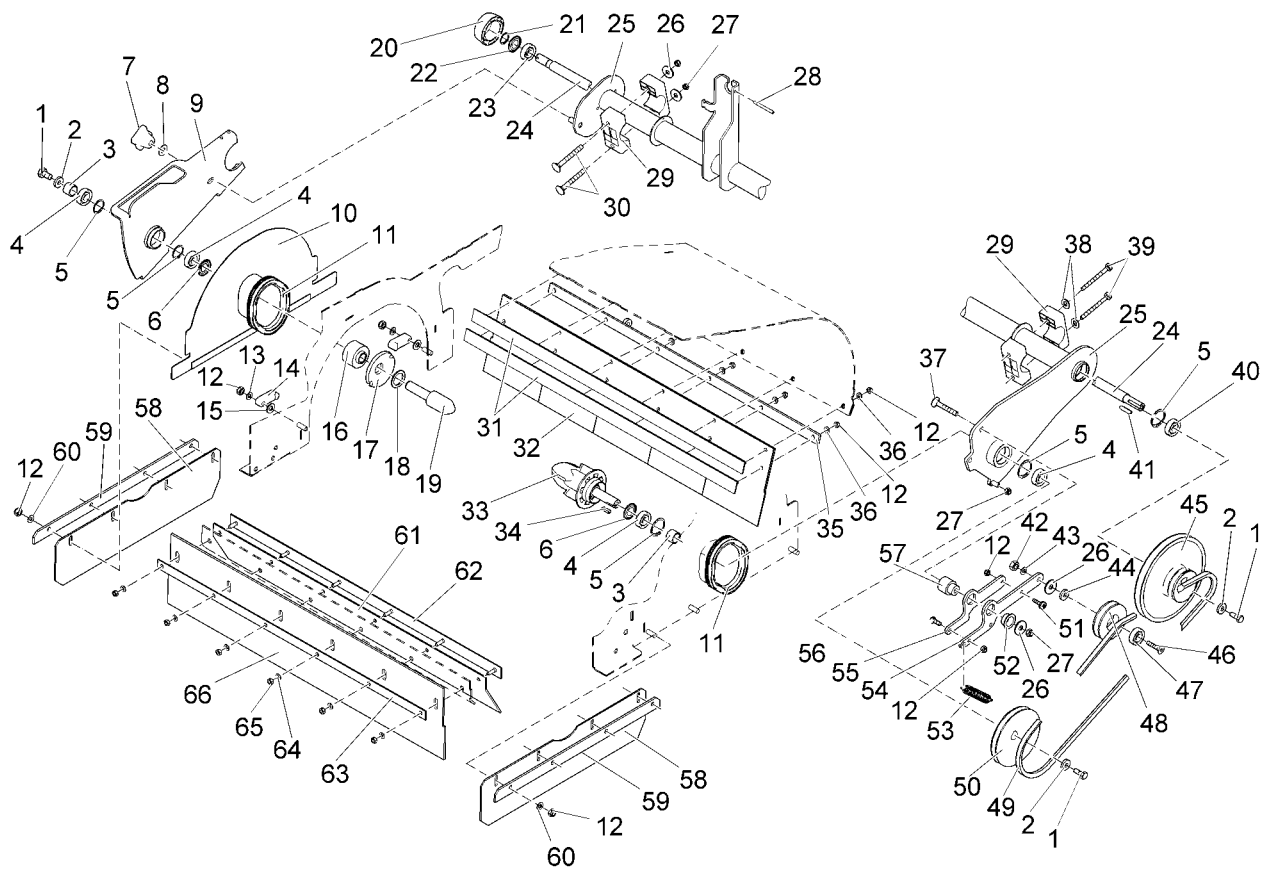
Covering - Seat			
Item	PN	Qty.	
1	01075610	1	Covering
2	03003290	1	Carrier seat
3	00053370	2	Hex. nut
4	00875950	2	Detent washer
5	00132610	4	Washer
6	00536320	17	Hex. bolt
7	00053750	24	Washer
8	01130230	2	Bush
9	00127290	2	Washer
10	00693010	2	Hex. bolt
11	01031540	2	Protective cap
12	01130240	1	Seat
13	00133700	4	Hex. bolt
14	00051510	12	Hex. nut
15	00733400	4	Spacer bushing
16	00042900	4	Washer
17	00053110	4	Hex. bolt
18	00053090	4	Hex. bolt
19	03003140	1	Holder, l.h.
20	01130250	1	Covering, l.h.
21	00121730	2	Casement fastener
22	00853700	2	Bolt
23	03003110	2	Plate
24	00053710	6	Washer
25	00961490	13	Screw
26	03003300	1	Holder seat
27	03003150	1	Holder, r.h.
28	01130260	1	Covering, r.h.
29	01130270	2	Casement fastener
30	01130280	1	Holder, r.h.
31	00740310	8	Detent washer
32	01130290	1	Holder, l.h.
33	01134330	1	Seat contact switch
34	01134810	1	Insulation mat



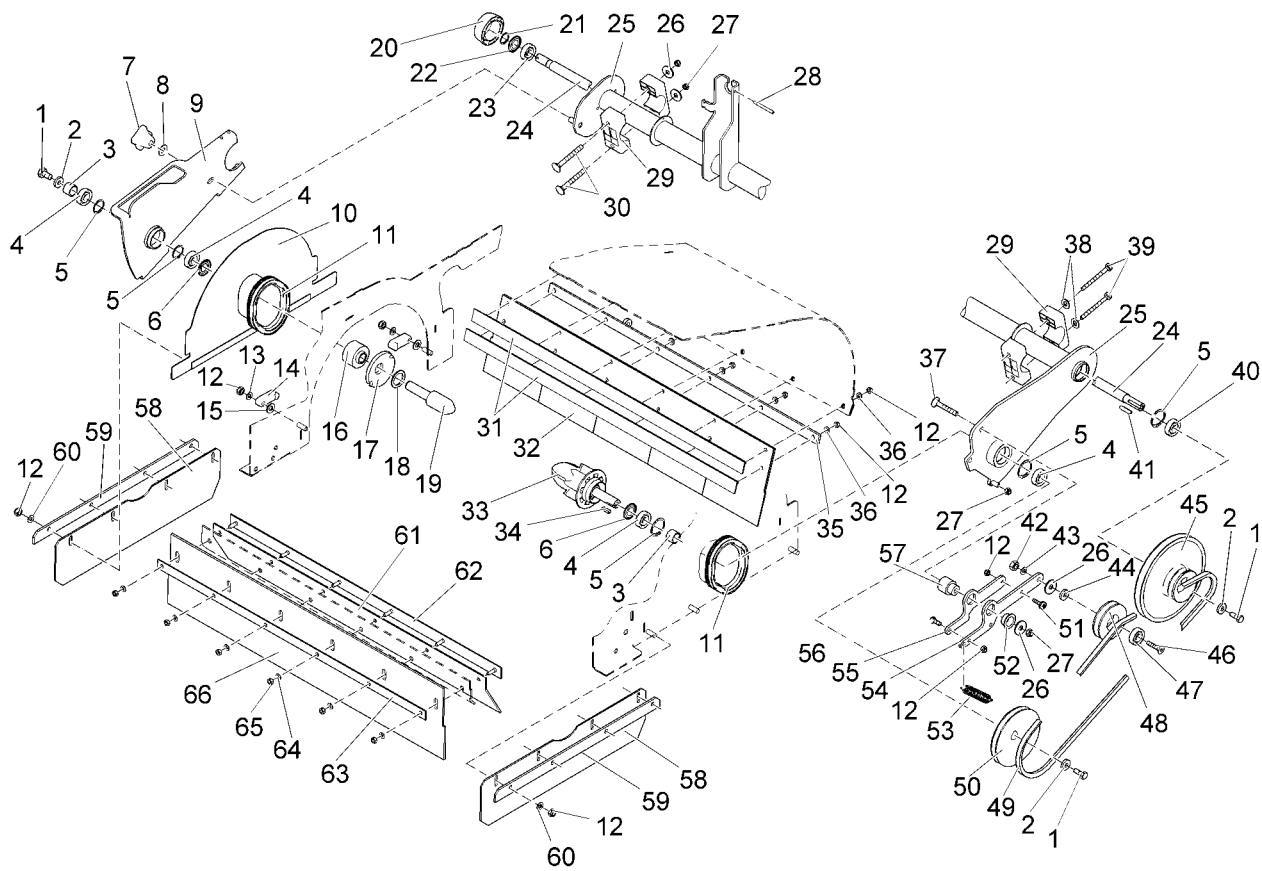
Motor - Chassis			
Item	PN	Qty.	
1	03003360	1	Chassis
2	00053080	2	Hex.bolt
3	00740090	6	Detent washer
4	03003370	1	Battery console
5	00051520	3	Hex.nut
6	00053730	2	Washer
7	00126010	1	Countersunk screw
8	00135120	1	Washer
9	00748300	1	Cable clamb
10	00053050	2	Hex.bolt
11	00053090	6	Hex.bolt
12	00053750	6	Washer
13	00051510	4	Hex.nut
14	01131280	1	Drive belt
15	01131290	1	Drive belt pulley
16	00874340	1	Washer
17	00053010	5	Hex.bolt
18	01131300	1	Drive belt
19	01092910	1	Filister head screw
20	03003380	1	Console
21	00730940	4	Detent washer
22	03003390	1	Holder
23	01131310	1	Motor
24	01131670	1	Carbon brush
25	01131660	1	Thermal relay
26	00054260	1	Adjusting spring
27	00864520	1	Cup square bolt
28	00042900	1	Washer



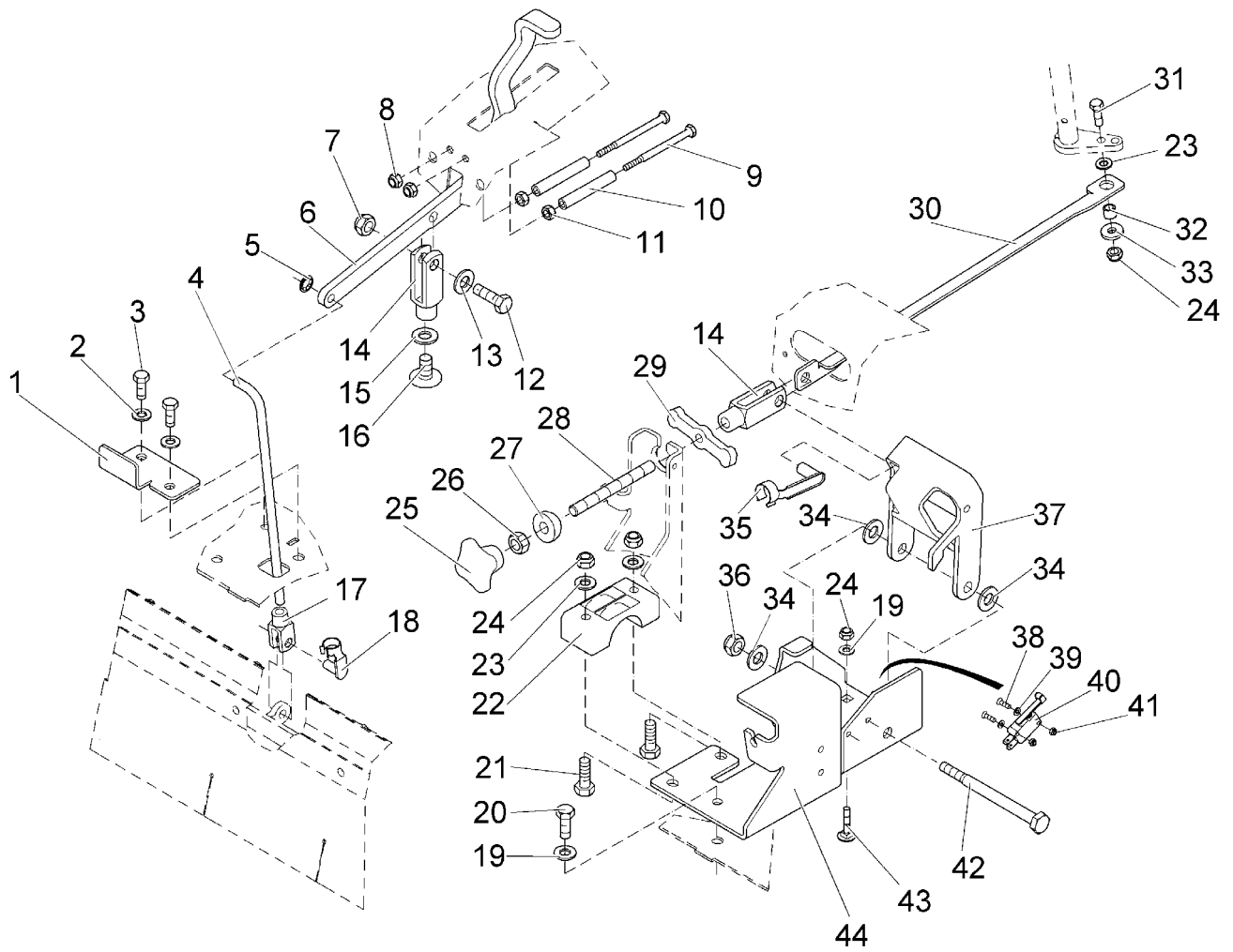
Electrical equipment			
Item	PN	Qty.	
1	01075720	1	Device plug
2	00053730	2	Washer
3	00051520	2	Hex.nut
4	00053050	1	Hex.bolt
6	01131430	1	Dust cover
7	00053330	2	Hex.nut
8	00135120	2	Washer
9	00500360	1	Fuse link
10	00733630	1	Fuse link
11	00906120	3	Fuse link
13	00152060	1	Fuse link
14	00022200	2	Hex.nut
15	00553740	2	Washer
16	00101580	2	Fillister head screw
17	00733650	7	Fuse holder
18	00106050	2	Rubber washer
19	00957270	1	Signal transmitter for low-level discharge
20	00052620	6	Fillister head screw
21	00053710	6	Washer
22	00133830	6	Hex.nut
23	00903510	1	Fuse holder
24	00903550	1	Fuse motor
25	00731550	2	Fillister head screw
26	01131420	1	Solenoid
27	03003420	1	Mounting kit for solenoid
28	01019610	2	Pin housing 15-pole
29	00954570	2	Screw
30	00121440	1	Fuse holder
31	01056100	1	Fuse
32	00053080	4	Hex.bolt
33	00053750	4	Washer
34	00744670	2	Single clamp
35	00965030	3	Relay
36	00108650	2	Fillister head screw
37	00053720	2	Washer
38	00051340	2	Hex.nut
39	00780710	4	Screw base
40	01130760	1	Control system 120A
41	01018100	1	Plug-in housing



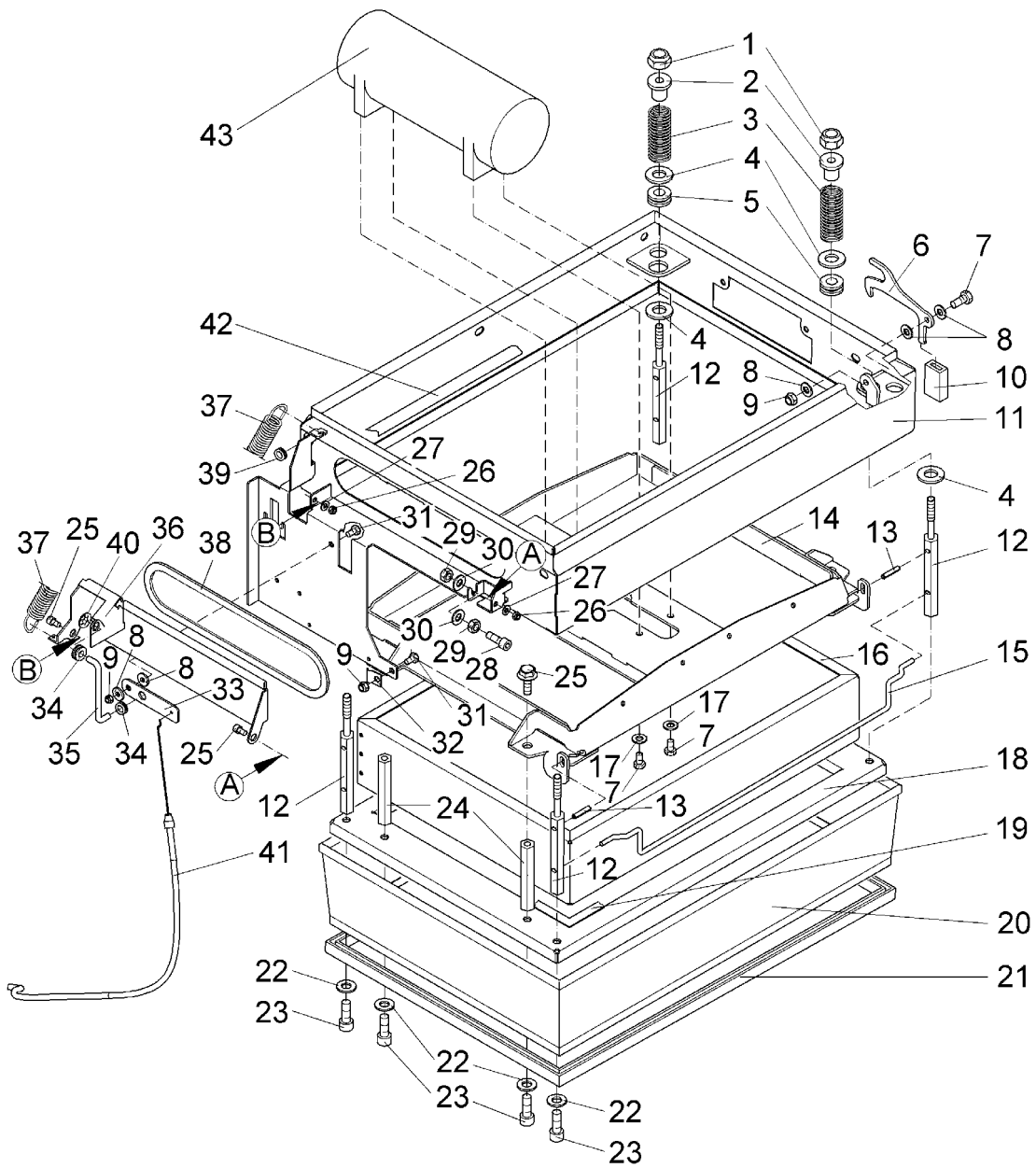
Group of main sweeper roller			
Item	PN	Qty.	
1	00053080	3	Hex.bolt
2	00695300	3	Washer
3	00509180	2	Distance sleeve
4	00106300	4	Ball bearing
5	00101660	5	Retaining ring
6	00102410	2	Nilos-ring
7	00866720	1	Star handle
8	00740290	1	Detent washer
9	01130830	1	Brush rocker, l.h.
10	01130840	1	Side shield
11	00681570	2	Edge protection
12	00051520	24	Hex.nut
13	00053840	2	Spring washer
14	00968190	2	Toggle
15	00053750	2	Washer
16	01130850	1	Gasket
17	01130860	1	Washer
18	00135560	1	Washer
19	01130870	1	Drag element
20	01130880	1	Centering bush
21	00022340	1	Retaining ring
22	00104480	1	Nilos-ring
23	00706360	1	Ball bearing
24	01130890	1	Shaft
25	03003310	1	Torque shaft
26	00042900	4	Washer
27	00051510	7	Hex.nut
28	00861020	1	Tensioning sleeve
29	01130610	4	Bearing
30	01130900	2	Cup head square neck bolt
31	01130910	2	Retaining strip
32	01130800	1	Brush apron, front
33	01130920	1	Drag element
34	00054260	1	Adjusting spring
35	01130930	1	Strip
36	00053730	12	Washer
37	01130940	1	Cup head square neck bolt
38	00740080	2	Safety washer
39	00557600	2	Hex.bolt
40	00538360	1	Ball bearing
41	00107380	1	Adjusting spring
42	00046500	1	Hex.nut
43	00740310	1	Detent washer
44	01130950	1	Bush
45	01130960	1	Belt pulley
46	00509000	1	Countersunk screw
47	00126330	1	Ball bearing
48	01130970	1	Idler
49	01130980	1	V-belt
50	01130990	1	Belt pulley



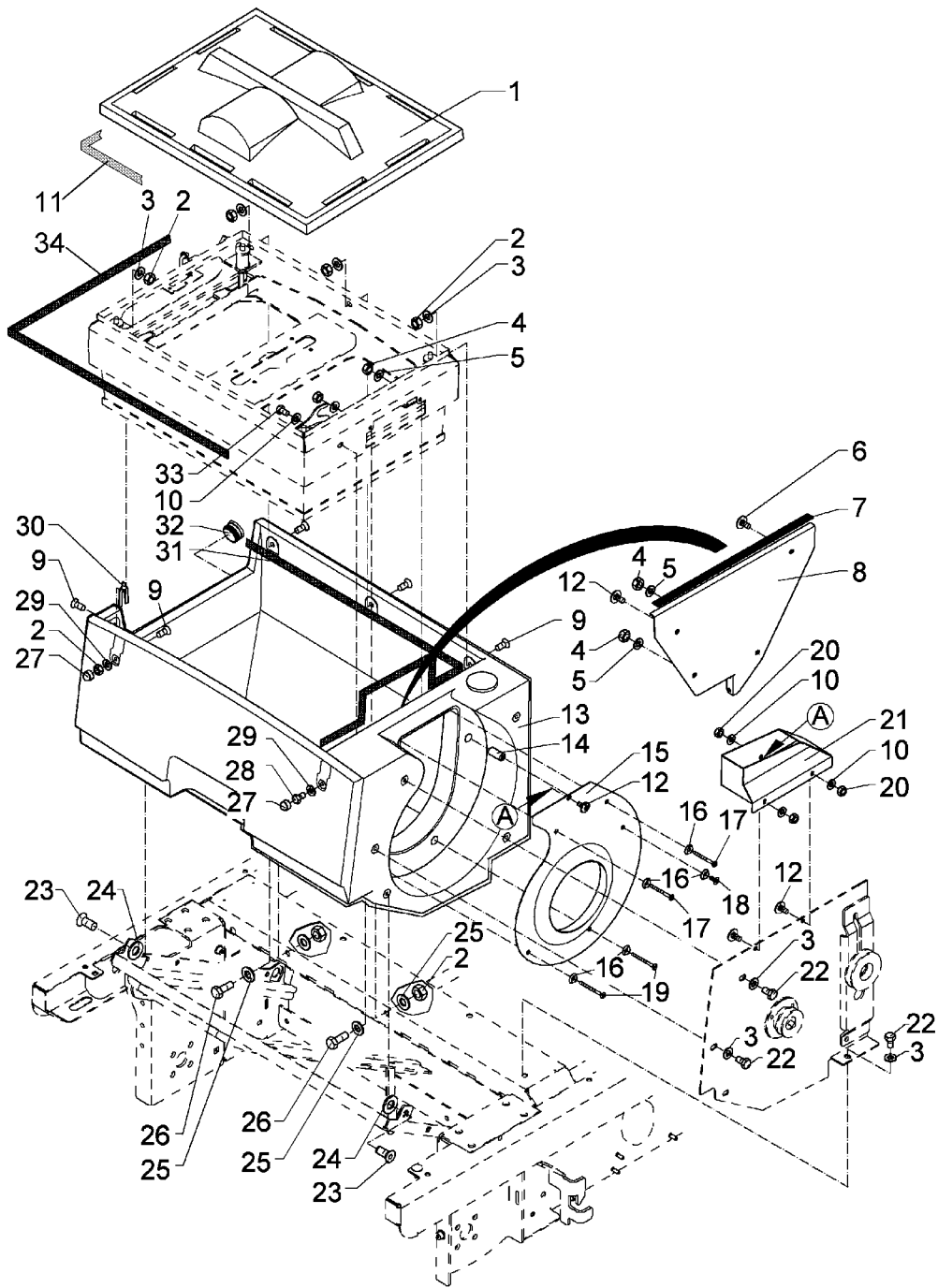
51	00053550	1	Screw
52	01130470	1	Bearing bush
53	01131000	1	Pult spring
54	01131010	1	Holder
55	01131020	1	Holder for idler
56	00053020	1	Hex.bolt
57	01131030	1	Bolt
58	01130820	2	Brush apron
59	01131050	2	Strip
60	00053730	8	Washer
61	01131040	1	Brush apron, rear
62	01130910	1	Strip
63	00243450	1	Clamping strip
64	00740280	6	Detent washer
65	00053330	8	Hex.nut
66	01130810	1	Brush apron, rear



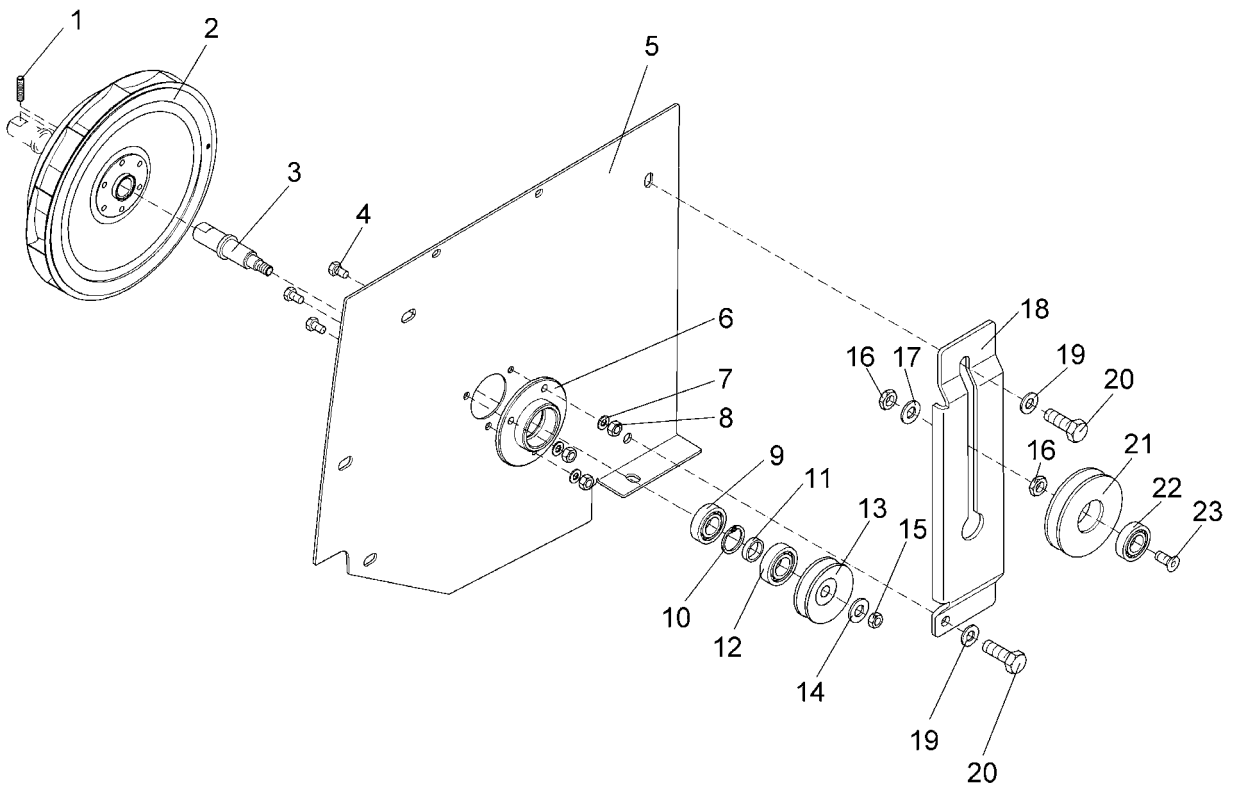
Manipulation for brush apron - Lifter for sweeping roller			
Item	PN	Qty.	
1	01131320	1	Stop angle
2	00740090	2	Detent washer
3	00053080	2	Hex. bolt
4	01131330	1	Bar
5	00854420	1	Retaining washer
6	01131340	1	Pedal bar
7	00051500	1	Hex. nut
8	00051520	2	Hex. nut
9	00526320	2	Hex.bolt
10	01064890	2	Hose
11	00053330	2	Hex. nut
12	00123690	1	Hex. bolt
13	00130290	1	Adjusting shim
14	00925430	2	Fork head
15	00740290	1	Detent washer
16	01131350	1	Filister head screw
17	00151440	1	Forked end
18	00151400	1	ES bolt
19	00740080	3	Safety washer
20	00053090	1	Hex. bolt
21	00041600	2	Hex. bolt
22	01130610	1	Bearing
23	00053750	3	Washer
24	00051510	5	Hex. nut
25	00866720	1	Star handle
26	01050160	1	Hex. nut
27	01131360	1	Tap
28	01131370	1	Spindle
29	01131380	1	Countering latch
30	01131390	1	Draw angle
31	00054690	1	Hex. bolt
32	00733400	1	Spacer bushing
33	00695300	1	Washer
34	00053760	3	Washer
35	00925420	1	ES-bolt
36	00132880	1	Hex. nut
37	03003400	1	Angle
38	00955220	2	Screw
39	00747400	2	Washer
40	00975510	1	Micro switch
41	00022200	2	Hex. nut
42	00109460	1	Hex. bolt
43	00878410	2	Cup head square neck bolt
44	03003410	1	Holder



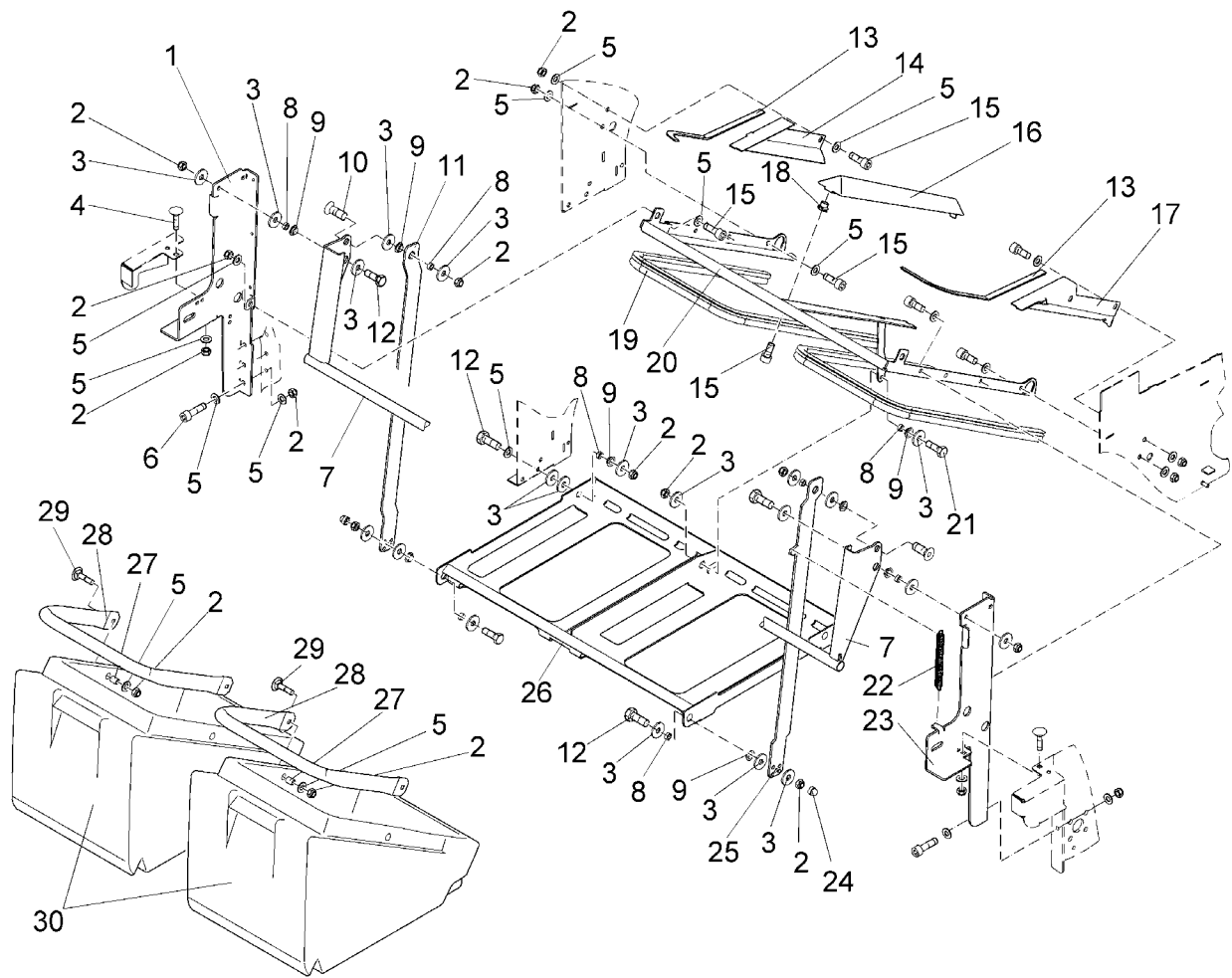
Filter installation			
Item	PN	Qty.	
1	00051510	4	Hex. nut
2	01131100	4	Bolt
3	01074080	4	Compression spring
4	00042900	8	Washer
5	00027190	4	Grommet
6	01131110	1	Lever
7	00053020	5	Hex. bolt
8	00135120	5	Washer
9	00051520	3	Hex. nut
10	00451220	1	Hose
11	01131410	1	Frame
12	01131120	4	Spacer
13	00045620	2	Tensioning sleeve
14	01131130	1	Frame
15	01131140	1	Bow
16	01130750	1	Plate filter
17	00730940	4	Detent washer
18	01131150	1	U-panel
19	00420290	1	Gasket
20	01131160	1	Annular filter
21	00161240	1	Edge protector
22	00740310	8	Detent washer
23	00045540	8	Socket head cap screw
24	01131170	4	Spacer
25	01131440	2	Socket head cap screw
26	01017660	2	Hex. nut
27	00958770	1	Washer
28	00071450	1	Hex. socket head cap screw
29	00053350	2	Hex. nut
30	00053750	1	Washer
31	00053010	2	Hex. bolt
32	00534470	1	Clamp
33	01131180	1	Holder
34	01131190	2	Grommet
35	01131200	1	Rod
36	01131210	1	Air vent
37	01130560	1	Pull spring
38	01075290	1	Gasket
39	00740360	1	Grommet
40	00023290	1	Retaining washer
41	01131520	1	Actuating cable
42	00830680	1	Hose
43	01000890	1	Shaker motor



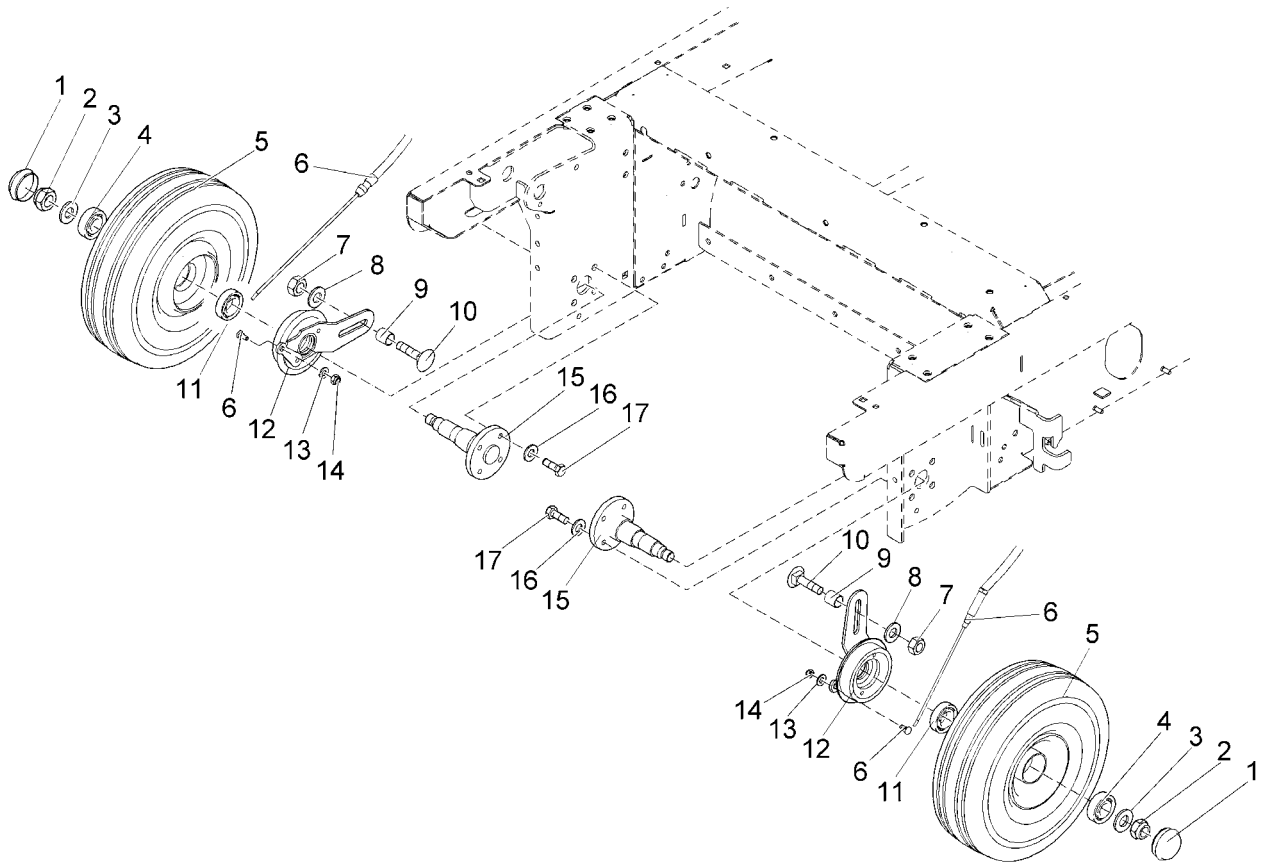
Dust extraction			
Item	PN	Qty.	
1	01131510	1	Filter cover
2	00053350	7	Hex. nut
3	00740090	7	Detent washer
4	00053330	4	Hex. nut
5	00740280	4	Detent washer
6	01092780	1	Filister head flange screw
7	00420290	1	Gasket
8	03003430	1	Covering
9	00903480	5	Countersunk screw
10	00730940	4	Detent washer
11	01131840	1	Gasket filter cover
12	01131450	4	Filister head flange screw
13	03003440	1	Housing
14	01131460	1	Threaded bushing
15	01131470	1	Nozzle
16	00157690	5	Hollow disc
17	00127360	2	Countersunk screw
18	00871440	1	Countersunk screw
19	00120130	1	Countersunk screw
20	00135790	3	Hex. nut
21	01131480	1	Air scoop
22	00864230	3	Hex. bolt
23	00059080	2	Countersunk screw
24	00070170	2	Washer
25	00042900	2	Washer
26	00133700	2	Hex. bolt
27	00131610	2	Protective cap
28	00151810	1	Hex.bolt
29	00053750	2	Washer
30	01131490	1	Sheet metall
31	00420290	1	Gasket
32	01131500	1	Plug
33	00104500	1	Hex. bolt
34	01130200	1	Gasket



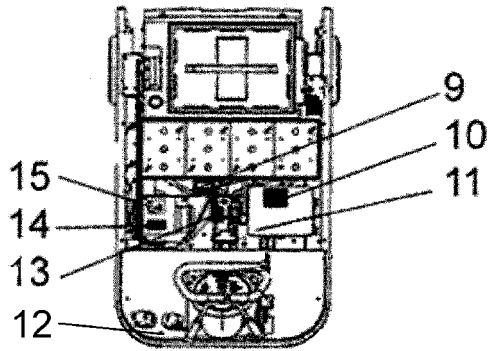
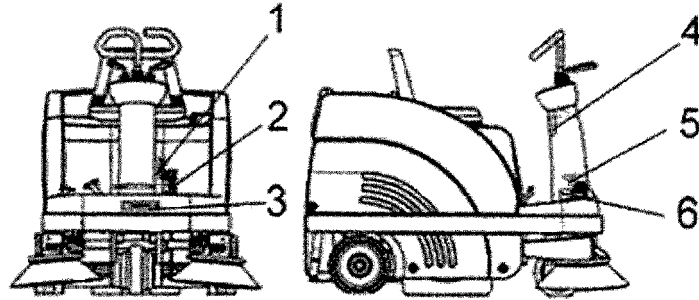
Fan bearing			
Item	PN	Qty.	
1	00506780	1	Threaded pin
2	01131220	1	Rotating fan
3	01131230	1	Shaft
4	00053010	3	Hex. bolt
5	03003350	1	Bearing plate
6	01131240	1	Bearing bush
7	00740280	3	Detent washer
8	00053330	3	Hex. nut
9	00706360	1	Cylindrical bearing
10	00126320	1	Retaining ring
11	01131250	1	Distance tube
12	00538360	1	Cylindrical bearing
13	01131260	1	Belt pulley
14	00740090	1	Detent washer
15	00022330	1	Hex. nut
16	00074710	2	Hex. nut
17	00740290	1	Detent washer
18	01131270	1	Holder
19	00740090	2	Detent washer
20	00553690	2	Hex. bolt
21	01130970	1	Idler
22	00126330	1	Cylindrical bearing
23	00021800	1	Countersunk screw



Dirt hopper - Dirt hopper lifter			
Item	PN	Qty.	
1	01130050	1	Holder, l.h.
2	00051510	10	Hex. nut
3	00042900	12	Washer
4	00878410	2	Cup square bolt
5	00053750	6	Washer
6	00103300	6	Socket head cap screw
7	01130060	1	Handle
8	01130070	9	Bush
9	01130080	9	Slide bearing bush
10	00101500	2	Countersunk screw
11	01130090	1	Holder, l.h.
12	00053100	2	Hex. bolt
13	01130200	1	Gasket
14	01130300	1	Angle, l.h.
15	00045540	4	Socket head cap screw
16	01130100	1	Plate
17	01130310	1	Angle, r.h.
18	01130110	1	Nut
19	00750430	2	Edge protector profil
20	01130120	1	Sealing plate
21	00077110	1	Hex. bolt
22	01130130	1	Pull spring
23	01130140	1	Holder, r.h.
24	00874930	2	Protective cap
25	01130150	1	Holder, r.h.
26	01130160	1	Plate
27	01130170	4	Bush
28	01130180	2	Handle
29	00078920	4	Saucer head screw
30	01130190	2	Dirt hopper



Rear wheel - Brake			
Item	PN	Qty.	
1	01131060	2	Cap
2	00135350	2	Hex. nut
3	01131070	2	Washer
4	00706370	2	Ball bearing
5	01130770	2	Rear wheel
6	01130350	2	Bowden cable for brake
7	00074710	2	Hex. nut
8	00053760	2	Washer
9	01130780	2	Bush
10	01130790	2	Cup head square neck bolt
11	00281050	2	Ball bearing
12	01131080	2	Brake
13	00053730	2	Washer
14	00051520	2	Hex. nut
15	01131090	2	Axle
16	00740290	8	Detent washer
17	00021130	8	Hex. bolt



Lable			
Item	PN	Qty.	
1	00113140	1	Lable brush apron
2	01131550	1	Lable brake
3		1	Lable, Minuteman
4	01071010	1	Lable instruction manual
5	01131560	1	Lable brake
6	01073530	1	Lable noise performance
9	00871160	1	Lable 24V
10	01055410	1	Lable battery setting
11	01131570	1	Lable high-pressure cleaner
12	01073530	1	Lable
13	01073530	1	Lable cylinder broom wearing take-up
14	01131590	1	Lable rotating parts
15	01131600	1	Lable battery charging