

WS24

ORDER #86009

Betco Watchman™ 24 Automatic Scrubber

FEATURES

- Simple Design for Easy Operation
- Large Tank Capacity Increases Productivity
- Easy Access Parts Design
- Heavy Duty Squeegee Assembly
- Built Durable for Maximum Performance
- Self Propelled

The Betco Watchman™ series of automatic scrubbers bring a new dimension to cleaning maintenance. A simple design makes the WS24 easy to operate and reduces operator training. The 24" cleaning path along with the 13-gallon solution and 15-gallon recovery tank increases productivity. A heavy-duty squeegee assembly provides maximum water recovery, and easy access to all areas of the machine reduces service down time. Betco's Watchman™ Automatic Scrubbers are built durable to last and will help make your cleaning maintenance jobs easier!

WARRANTY

Tank: 10 Year

Other components: 3 Year*

*Please refer to Betco Equipment Price/Product Guide for complete equipment warranty information.



SPECIFICATIONS

- Cleaning Path: 24"
- Pad Drivers: (2) 12"
- Brush Motor: (1) .75 hp
- Brush Pressure: 106 lbs
- Brush Speed: 135 rpm
- Vacuum Motor: 0.75 hp
- Drive Motor: 1/8 hp
- Maximum Drive Speed: 2.5 mph
- Solution Control: Gravity Feed - Adjustable
- Solution Tank: 13 Gallon
- Recovery Tank: 15 Gallon
- Volts: 24 volt system
- Weight: 210 lbs. w/o batteries
310 lbs. w/batteries
- Tires: (2) 8"
- Dimensions: Length 40"
Width 23"
Height 39"

APPLICATIONS

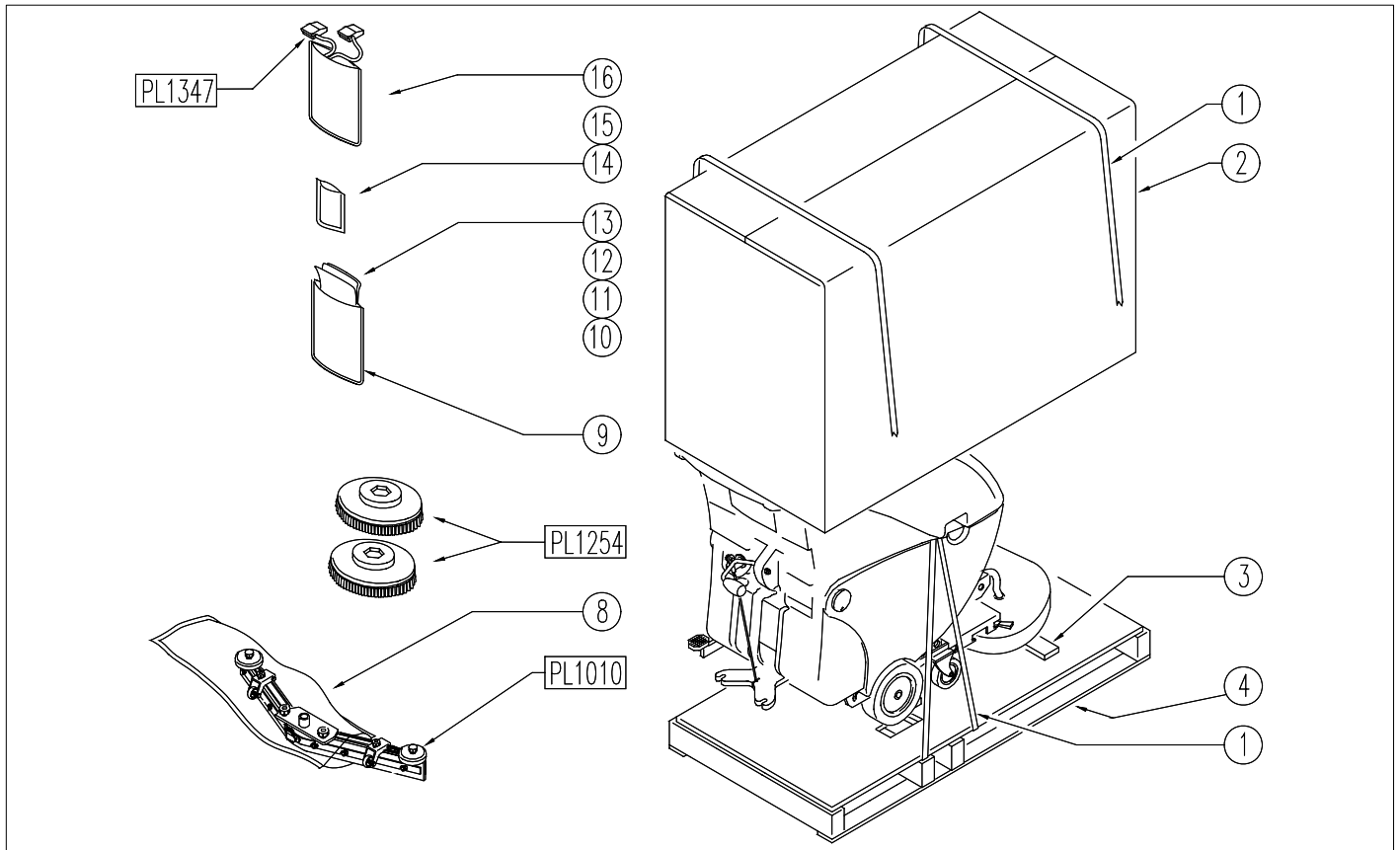
- General Cleaning
- Heavy Duty Scrubbing
- Stripping

Authorized Betco Distributor:

Better Resources. Better Results.
BETCO®

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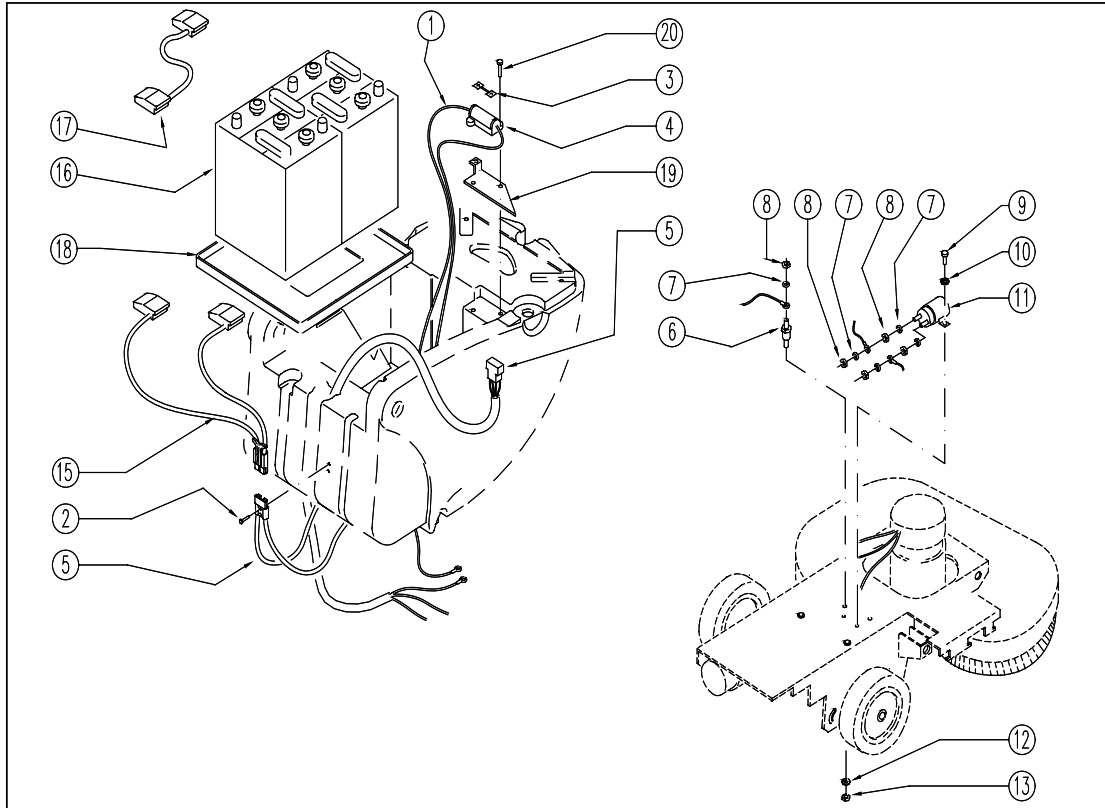
PACKAGING



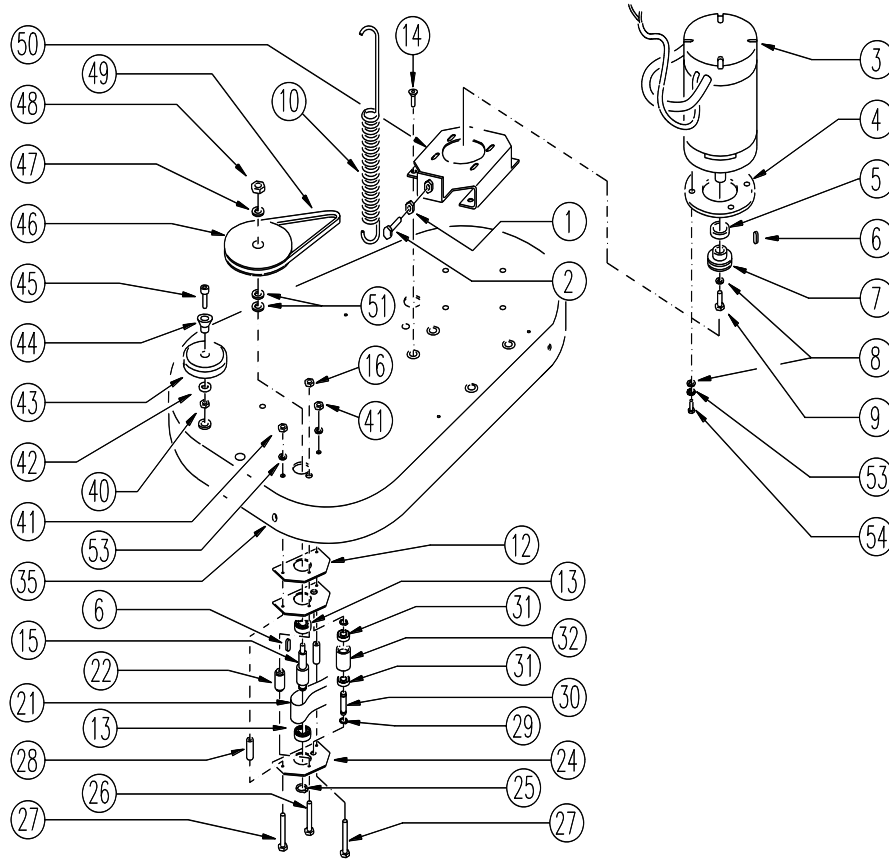
ITEM	SKU	DESCRIPTION	QTY
1	MP14300	STRAP	/
2	SL26133	CARDBOARD	1
3	SL26011	REINFORCEMENT	1
4	SL26132	PALLET	1
8	MP14302	ENVELOPE	1
9	SL25374N	ENVELOPE	1
10	SL25303N	SHEET	1
11	SL25401-3	WARRANTY COUPON	1
12	SL25401-8	EC CERTIFICATION	1
13	SL25888-4	MANUAL	1
14	SL26029	ENVELOPE	1
15	SL23010K	CONNECTOR	1
16	SL26017	ENVELOPE	1

BATTERIES WIRING

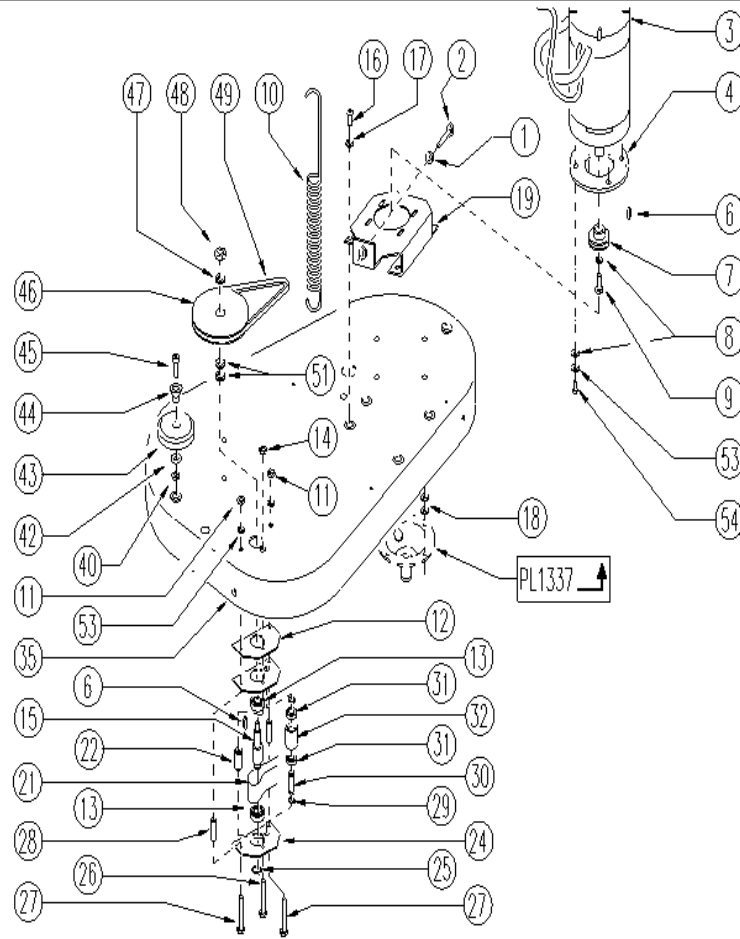
SN from 01B600



ITEM	SKU	DESCRIPTION	QTY
1	E86778	Wire WS20/24	1
2	E86597	screw	2
3	E87883	60 AMP Fuse for WS20/24	1
4	E86373	master fuse carrier WS20/24	1
5	E86370	wiring harness WS24	1
6	E86563	support	1
7	E86702	Cham Washer D8	5
8	E86703	Nut M8	5
9	SL04108	SCREW	2
10	E86448	AS20 Washer	2
11	E86420	Relay	1
12	E86565	washer	1
13	E86853	Self-locking nut M8	1
15	E87846	Battery Cable Harness w/50A Red Connector	1
16	AL03122	BATTERY	2
17	E86433	Cable, 6 AWG, Black, 17" L, 1R & 1L Bat Term	1
18	E86925	Battery tray	1
19	E86398	support WS20/24	1
20	SL04316	SCREW	2

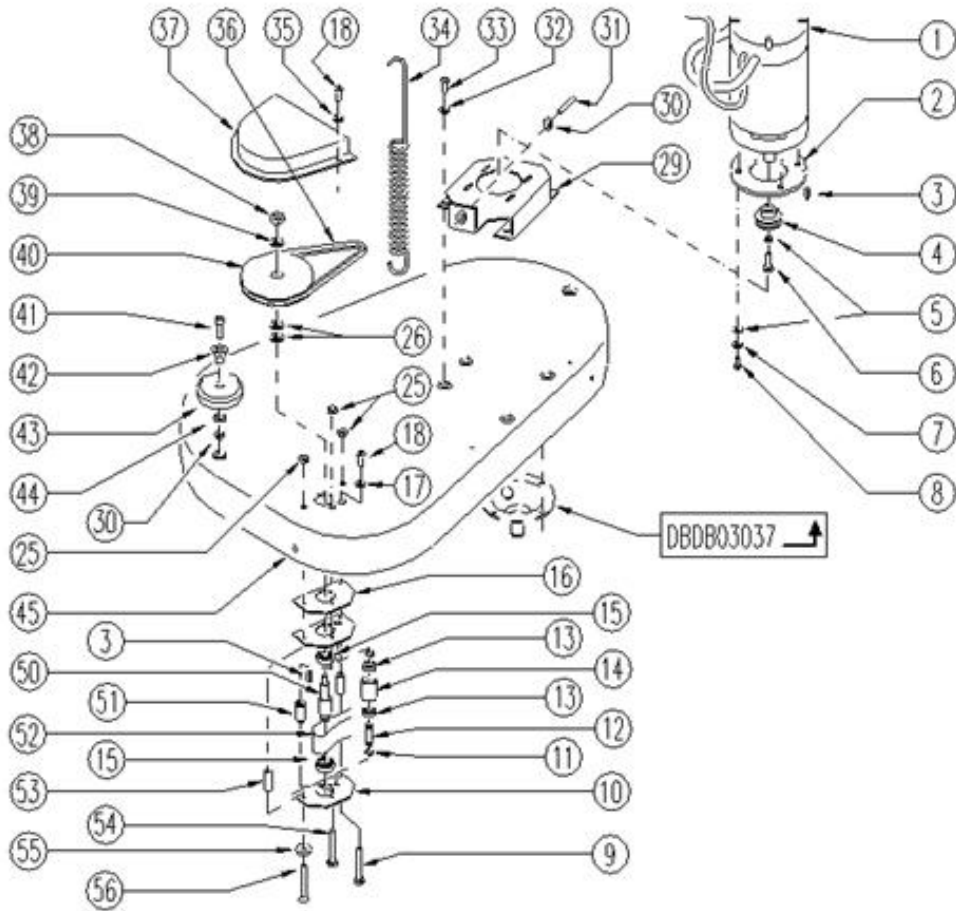


ITEM	SKU	DESCRIPTION	QTY	ITEM	SKU	DESCRIPTION	QTY
1	E86703	Nut M8	1	27	E87833	Screw WS20	2
2	E86542	Screw AS20	1	28	E89485	Spacer	2
3	E86608	Brush Motor	1	29	E89408	Stop Ring	2
4	E86374	flange WS20/24	1	30	E86666	AS28 Pin	1
5	E86375	spacer WS20/24	1	31	E86667	Bearing, 6001 2RS	2
6	E86536	Key	2	32	E86727	Neutral Pulley	1
7	E87871	Pulley, Brush Motor	1	35	SL39051	HEAD	1
8	E86758	Washer	5	40	E86876	Nut	3
9	E86737	Screw	1	41	E87868	Self Locking Nut	2
10	E86911	Spring	1	42	E86878	Washer	3
11	E86499	Hex Bolt M6x55 SS	1	43	E86451	AS20 Wheel	3
12	E86763	Gasket	1	44	E87862	Spacer WS20/24	3
13	E83310	Bearing, 6203 2RS	2	45	E86360	Screw for WS24	3
14	E87864	Screw WS20/24	4	46	E89139	Pulley WS24	1
15	E86535	Shaft B-4 serial# 04B004	1	47	E86565	washer	1
16	E86873	Nut	1	48	E86853	Self-locking nut M8	1
21	SL16041	BELT	1	49	E86516	Belt	1
22	E86995	Spacer WS20/24	1	50	E87933	Support	1
24	E86764	Plate	2	51	E86744	AS20 Washer	2
25	E86537	Ring	1	53	E86716	Cham Washer	8
26	E86499	Hex Bolt M6x55 SS	1	54	E86475	AS20 Screw TE M .6-20	4



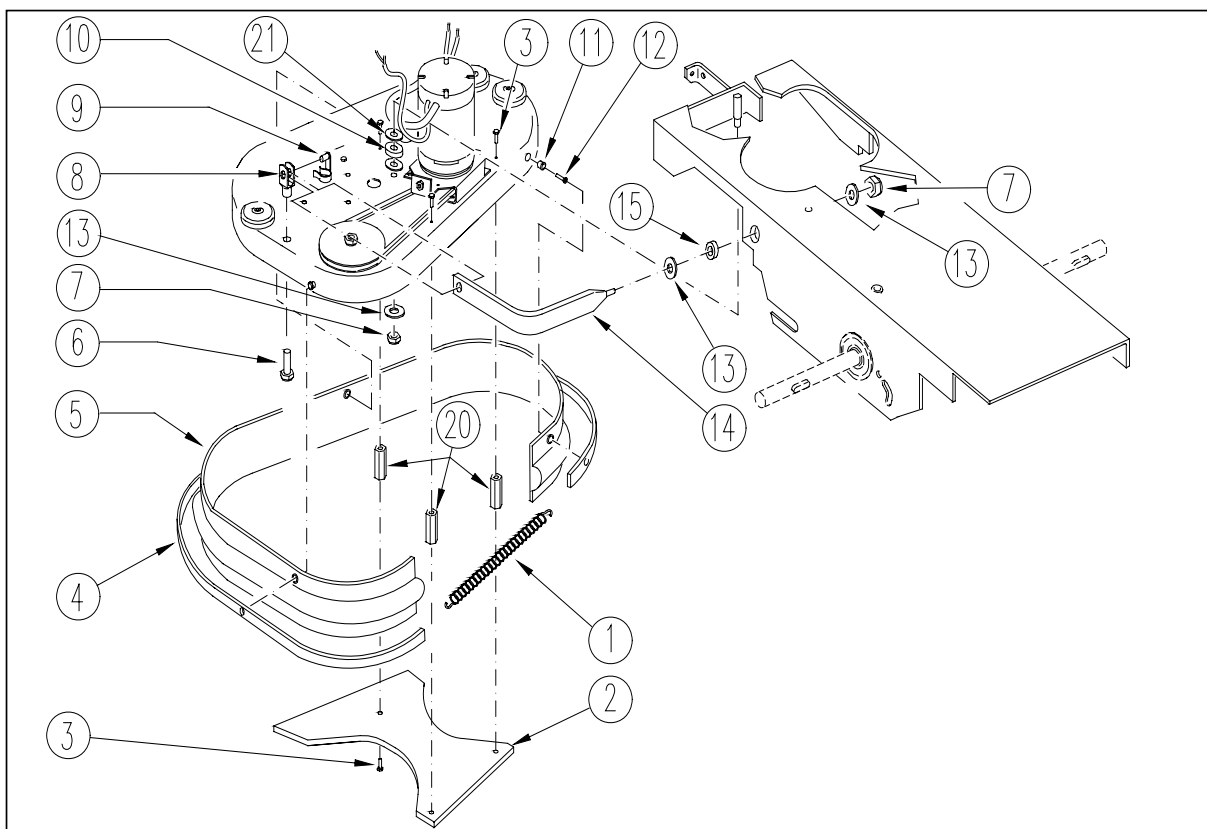
ITEM	SKU	DESCRIPTION	QTY	ITEM	SKU	DESCRIPTION	QTY
1	E86703	Nut M8	1	25	E86537	Ring	1
2	E86486	Screw TE M8-45	1	26	E86499	Hex Bolt M6x55 SS	1
3	E86608	Brush Motor	1	27	E87833	Screw WS20	2
4	E86374	flange WS20/24	1	28	E89485	Spacer	2
6	E86536	Key	2	29	E89408	Stop Ring	2
7	SL10098	PULLEY	1	30	E86666	AS28 Pin	1
8	E86758	Washer	5	31	E86667	Bearing, 6001 2RS	2
9	E86737	Screw	1	32	E86727	Neutral Pulley	1
10	E86911	AS30/36 Spring	1	35	E87937	Head WS24	1
11	E87868	Self Locking Nut	2	40	E86876	Nut	3
12	E86763	Gasket	1	42	E86878	Washer	3
13	E83310	Bearing, 6203 2RS	2	43	E86451	AS20 Wheel	3
14	E86873	Nut	1	44	E87862	Spacer WS20/24	3
15	E86535	Shaft B-4 serial# 04B004	1	45	E86360	Screw for WS24	3
16	E89251	Screw	4	46	E89139	Pulley WS24	1
17	E87921	Washer	4	47	E86565	washer	1
18	E86427	Washer for AS20	8	48	E86853	Self-locking nut M8	1
19	E87933	Support	1	49	E86516	Belt	1
21	E89463	Flat Belt, WS24	1	51	E86744	AS20 Washer	2
22	E86995	Spacer WS20/24	1	53	E86716	Cham Washer	8
24	E86764	Plate	2	54	E86475	AS20 Screw TE M .6-2	4

BRUSH DRIVE, NEW STYLE



ITEM	SKU	DESCRIPTION	QTY	FROM
1	E86608	Brush Motor	1	10/2002
2	E86374	flange WS20/24	1	10/2002
3	E86536	Key	2	02/2004
4	MTPL00151	PULLEY	1	04/2003
5	E86758	Washer	5	10/2002
6	E86737	Screw	1	10/2002
7	E86716	Cham Washer	4	10/2002
8	E86475	Screw M .6-20	4	10/2002
9	E87833	Screw WS20	1	02/2004
10	E86764	Plate	2	02/2004
11	E89408	Stop Ring	2	02/2004
12	E86666	AS28 Pin	1	02/2004
13	E86667	Bearing, 6001 2RS	2	
14	E86727	Neutral Pulley	1	02/2004
15	E83310	Bearing, 6203 2RS	2	02/2004
16	E86763	Gasket	1	02/2004
17	E89118	Washer	1	02/2004
18	E86336	M4 - 10 Screw	3	02/2004
25	E86738	Nut M6 w/ Nylon Ring	3	02/2004
26	E86744	AS20 Washer	2	
29	E87933	Support	1	10/2002
30	E86876	Nut	4	10/2002

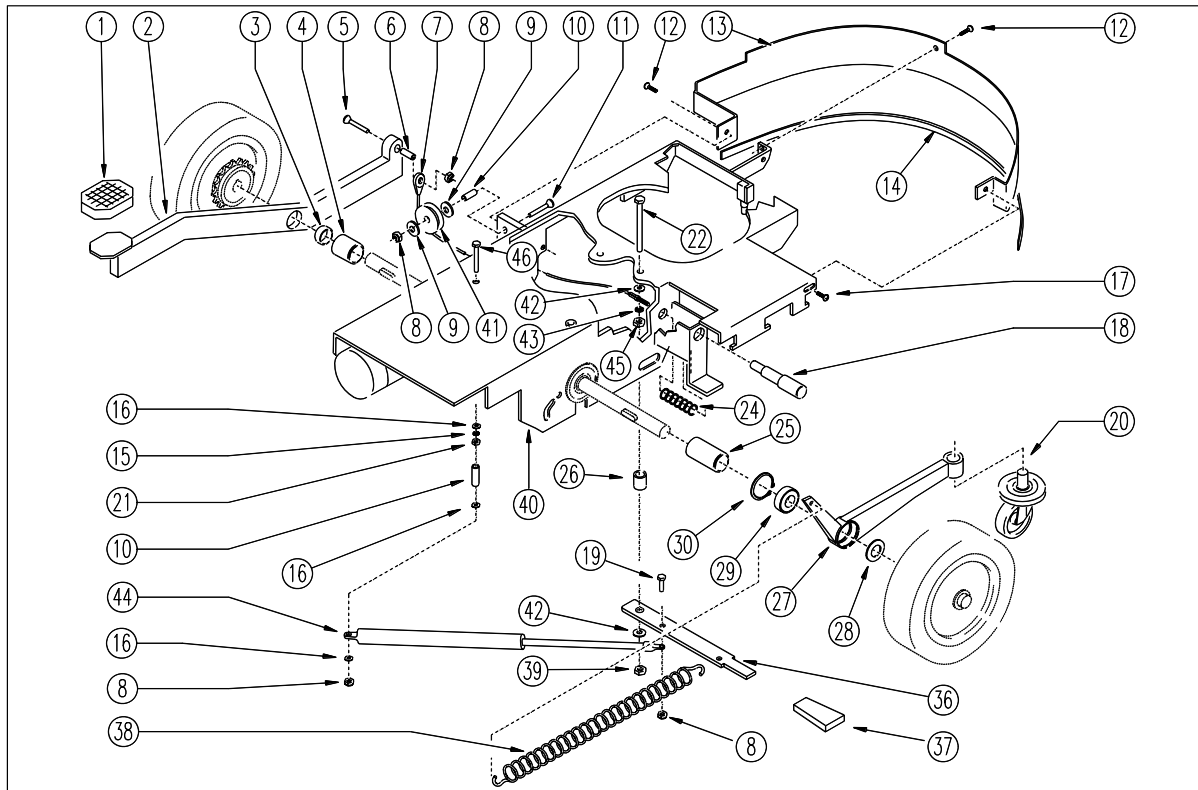
ITEM	SKU	DESCRIPTION	QTY	FROM
31	VTVT00897	SCREW M 8/35	1	10/2002
32	E87921	Washer	4	10/2002
33	E89251	Screw	4	10/2002
34	E86911	AS30/36 Spring	1	10/2002
35	E86768	Washer	2	02/2004
36	E86516	Belt	1	10/2002
37	E89179	Case	1	02/2004
38	E86853	Self-locking nut M8	1	10/2002
39	E86565	washer	1	10/2002
40	E89139	Pulley WS24	1	10/2002
41	E86360	Screw for WS24	3	10/2002
42	E87862	Spacer WS20/24	3	10/2002
43	E86451	AS20 Wheel	3	10/2002
44	E86878	Washer	3	10/2002
45	E87937	Head WS24	1	02/2004
50	E89253	Shaft after 04B004	1	02/2004
51	LAFN04056	SPACER	1	02/2004
52	E89463	Flat Belt, WS24	1	02/2004
53	E89485	Spacer	2	02/2004
54	E86499	Hex Bolt M6x55 SS	1	02/2004
55	LAFN04163	WASHER	1	02/2004
56	VTVT00869	SCREW M.6-60	1	02/2004



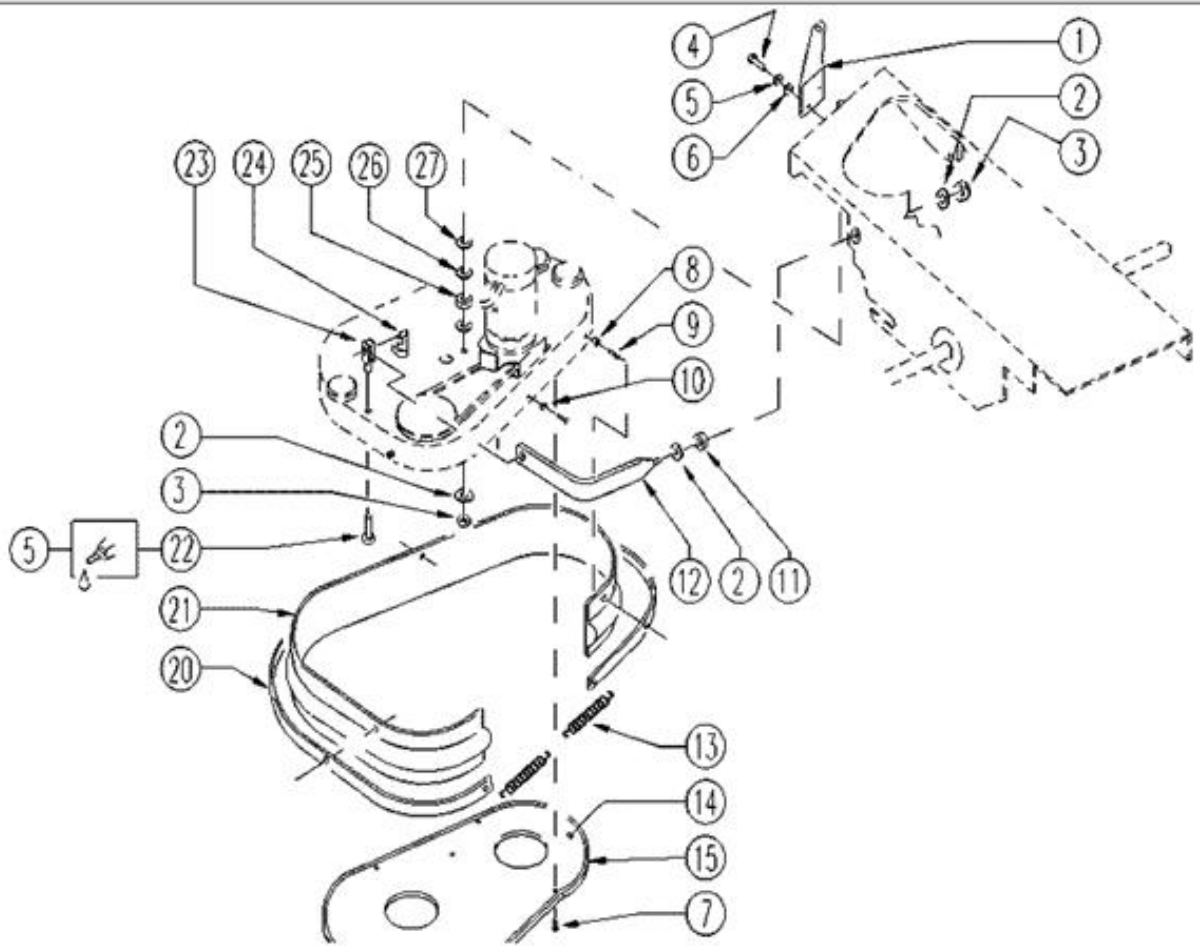
ITEM	SKU	DESCRIPTION	QTY
1	E86541	Spring	1
2	SL03537	GUARD	1
3	E86970	Screw - Self Thread M4, 2-13	6
4	E86507	Flap Press	1
5	E86506	Splash Guard	1
6	E89182	Screw	1
7	E86853	Nyloc Hex Nut, M8 Zinc	2
8	E86672	Fork for AS24/28	1
9	E86673	Bracket for Squeegee AS24/28	1
10	E86975	Rubber Gasket D11.25 L=10	1
11	SL07375	SPACER	3
12	E87934	Screw	3
13	E86879	Washer	3
14	SL39047	LEVER	1
15	E86453	AS20 Bushing	1
20	SL14339	SPACER	3
21	E86980	Washer PPL66 D13-24-2.5 Uni 6592	2

WS24 CHASSIS B OLD STYLE

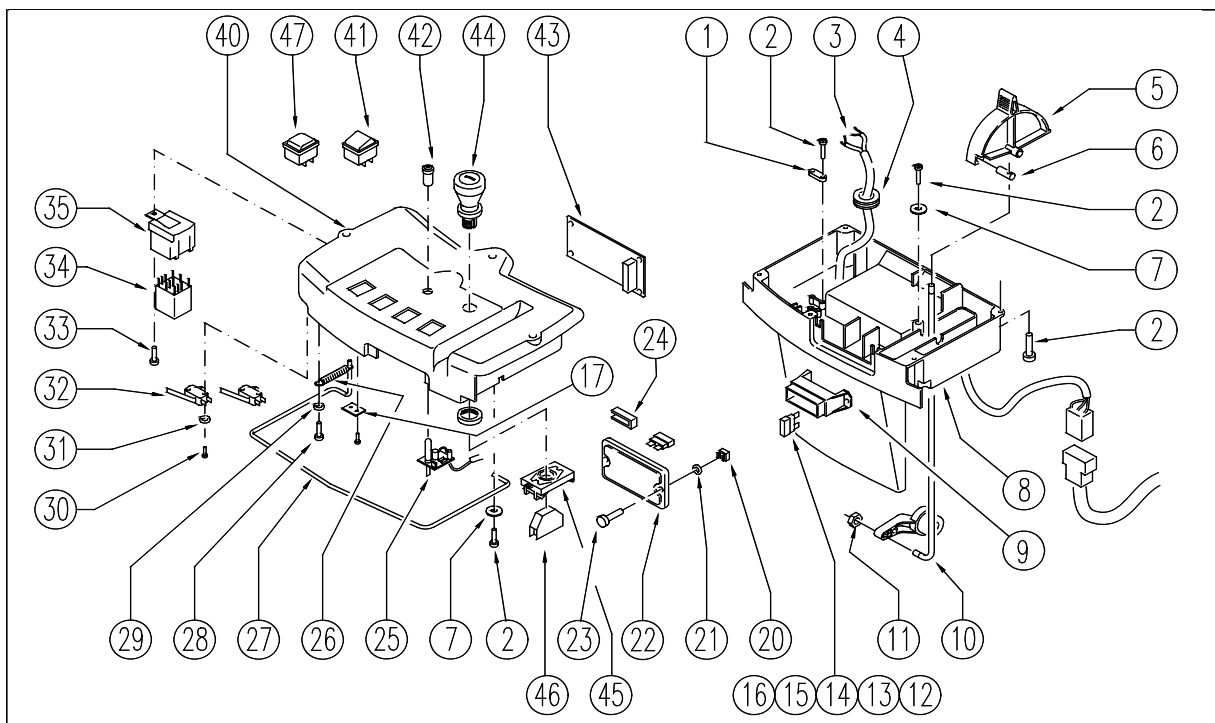
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ITEM	SKU	DESCRIPTION	QTY
1	E87807	Foot Petal pad WS20/24	1
2	E89235	Pedal	1
3	E89186	Bearing	1
4	E89449	Spacer	1
5	E87768	Screw	1
6	E86766	Spacer WS24	1
7	E86501	Cable	1
8	E87868	Self Locking Nut WS20/24 FS28/32	4
9	E86881	Washer	2
10	E86561	spacer	1
11	E87758	Screw	1
12	E86336	M4 - 10 Phil Pan Head Screw	2
13	E87902	Bulk head WS24	1
14	E88127	Gasket-Edge Protector-Outline	1
15	E86716	Cham Washer	1
16	E86427	Washer for AS20	3
17	E89469	M4 - 15 Phil Pan Head Screw	1
18	E86562	pin	1
19	E86737	Screw	1
20	E86511	Wheel	1
21	E86873	Nut	5
22	E86869	Screw	1
24	E89092	Spring	1
25	E89187	Spacer	1
26	SL07112	SPACER	1
27	E86500	Small Wheel Arm	1
28	E86744	AS20 Washer	2
29	E89189	Bearing 6003-2RS	1
30	E89188	Seeger	1
36	SL39048	LEVER	1
37	SL20054	HANDGRIP	1
38	E86515	Spring	1
39	E86853	Self-locking nut M8	1
40	SL39050	FRAME	1
41	E86550	pulley WS24	1
42	E86879	Washer	2
43	E89183	Washer	1
44	E89465	Spring	1
45	E86876	Nut	1
46	E86465	AS20 Screw	1

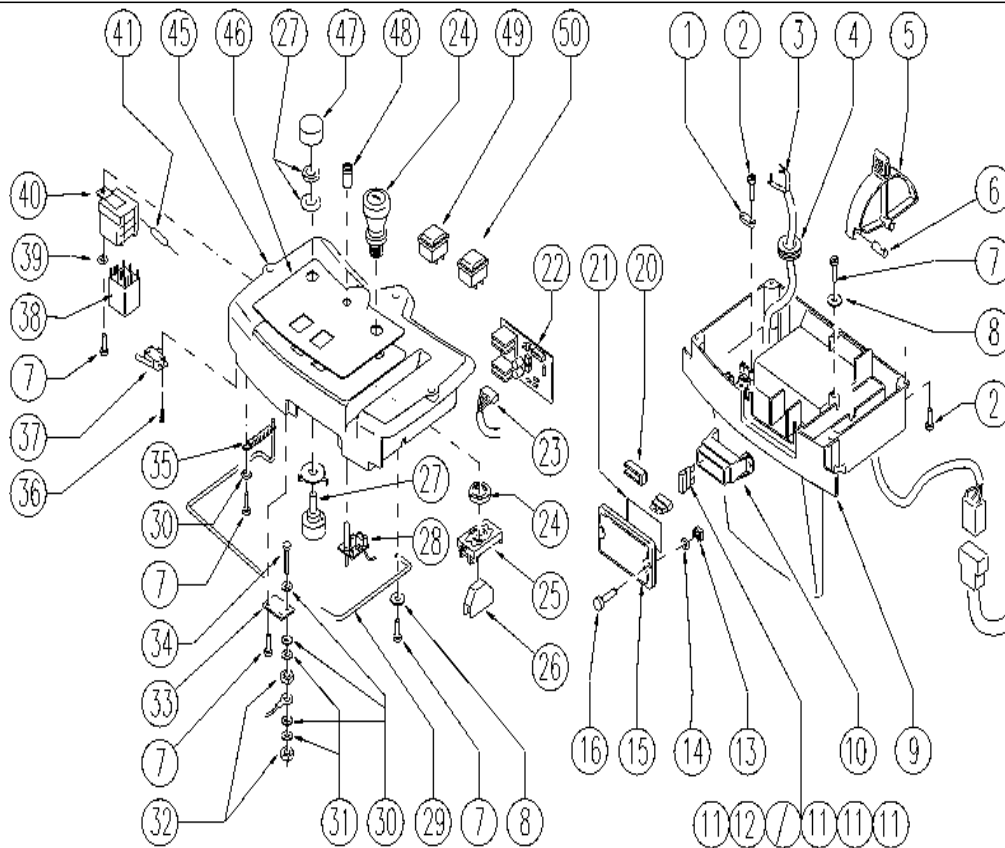


ITEM	SKU	DESCRIPTION	QTY	FROM
1	LAFN05896	BRACKET	1	02/2004
2	E86879	Washer	3	10/2002
3	E86853	Self-locking nut M8	2	10/2002
4	E86475	AS20 Screw TE M .6-20	2	02/2004
5	E87921	Washer	2	02/2004
6	E86427	Washer for AS20	2	02/2004
7	E86336	M4 - 10 Phil Pan Head Screw	7	04/2003
8	LAFN03901	BUSHING	3	10/2002
9	E87934	Screw	4	10/2002
10	VTDD07727	NUT M 5 INOX	1	10/2002
11	E86453	AS20 Bushing	1	10/2002
12	LAFN05670	LEVER	1	10/2002
13	E86541	Spring	2	10/2002
14	E89172	Guard	1	02/2004
15	E89173	Gasket	1	02/2004
20	E86507	Flap Press	1	10/2002
21	E86506	Splash Guard	1	10/2002
22	E89182	Screw	1	10/2002
23	CMCV35596	FORK M 8 X42 BT	1	10/2002
24	E86673	Bracket for Squeegee	1	10/2002
25	E86975	Rubber Gasket D11.25 L=10	1	10/2002
26	VTRS43258	WASHER D.13	2	10/2002
27	VTRS15523	WASHER D.10	1	10/2002



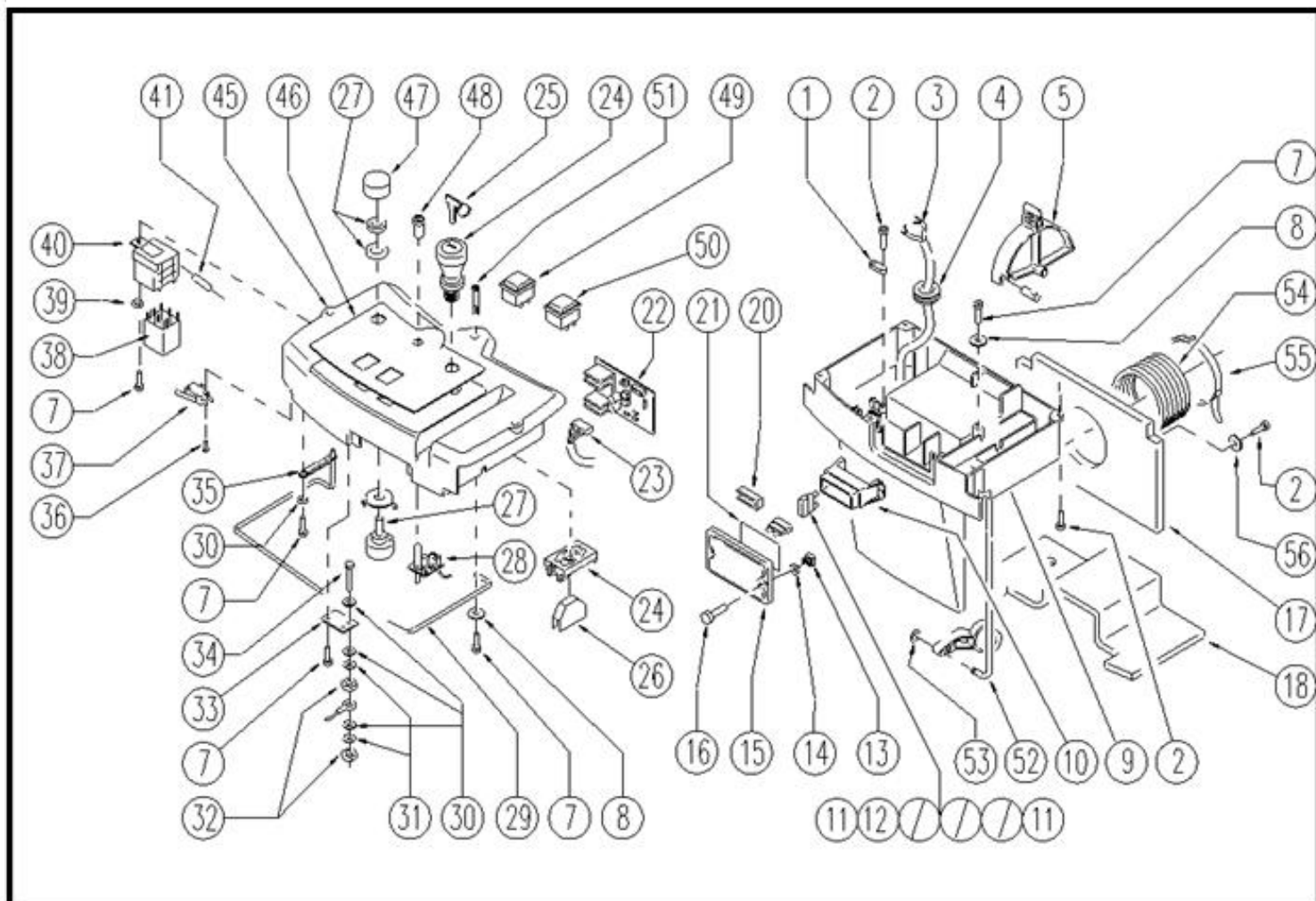
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	E86776	Control panel complete WS24	1
1	SL09908	CABLE CLAMPING STAPLE	1
2	SL04187	SCREW	8
3	E88174	Wiring, Control Panel WS20 New Style	1
4	SL23695	FAIRLEAD	1
5	E86519	Lever	1
6	E89474	Solution Rod ADJ	1
7	E86448	AS20 Washer	2
8	E86798	Lower control panel WS20	1
9	E89468	Fuse Carrier	1
10	E87826	Solution Control Rod WS20	1
11	E86875	Self-Locking Nut	1
12	E86825	Fuse 5 amp	2
13	E89342	Fuse 30 Amp	2
14	E89342	Fuse 30 Amp	2
15	E86825	Fuse 5 amp	2
16	E89342	Fuse 30 Amp	1
17	SL09955	SUPPORT	1
20	E87830	Nut	2
21	E87876	Gasket WS20/24 FS28/32	2
22	E86543	Fuse Cover for AS20	1
23	E87877	Screw WS20/24 FS28/32	2
24	SL23209	FUSE TWEEZERS	1
25	E86496	Circuit Board	1
26	E89530	Spring WS20/24	1
27	E87923	Handle	1
28	SL04215	SCREW	3
29	E86797	Washer	1
30	E89154	Screw	6
31	SL06009	WASHER	4
32	E86527	Microswitch	2
33	SL04226	SCREW	1
34	E89471	Vac Motor Relay	1
35	E89529	Relay Support WS20/24	1
40	E86997	Upper Control Panel WS20/24	1
41	E86423	Bipolar Switch	2
42	E86421	Reflector	1
43	E86528	Gearcase Board	1
44	E86988	Operator D22 Mushroom complete	1
45	E86988	Operator D22 Mushroom complete	1
46	E86988	Operator D22 Mushroom complete	2
47	E89143	Black plug	2

CONTROL PANEL WITH SPEED CONTROL



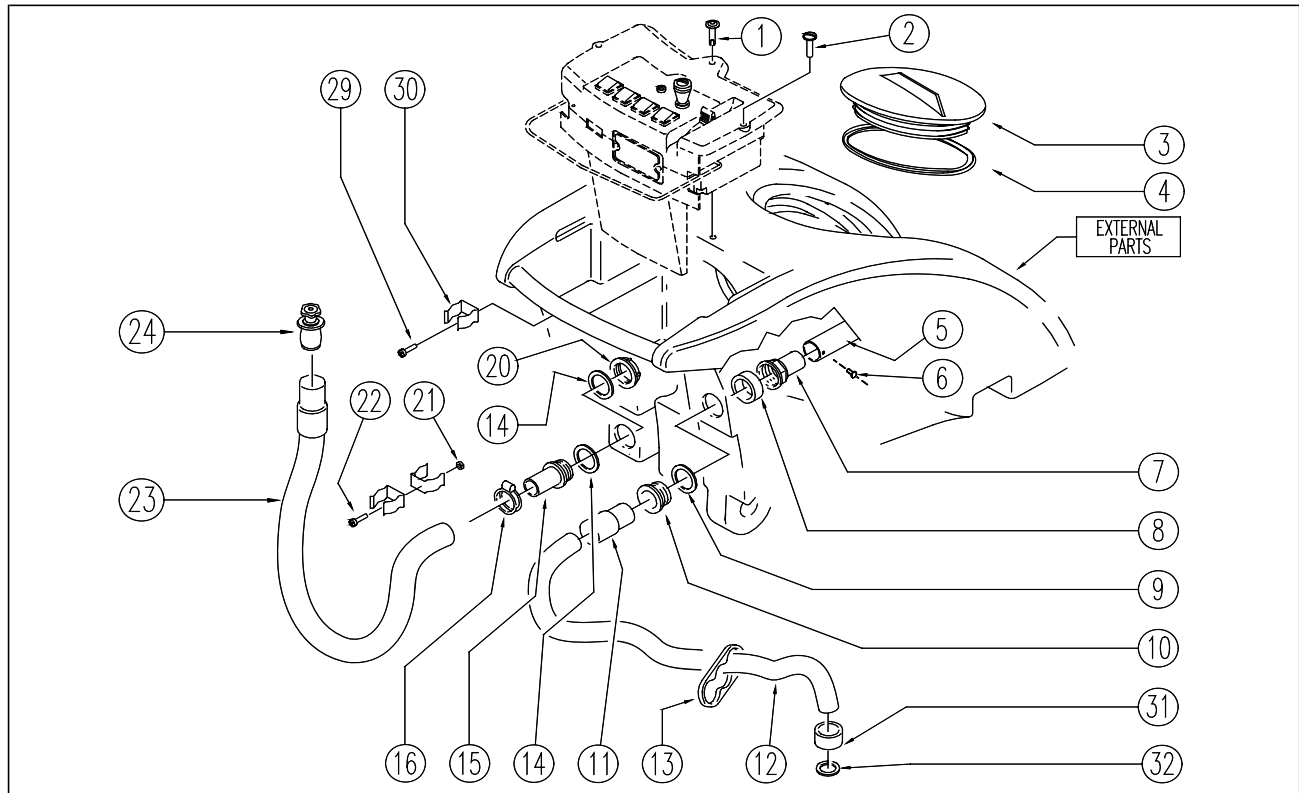
ITEM	SKU	DESCRIPTION	QTY
	E86776	Control panel complete	1
1	SL09908	CABLE	1
2	SL04187	SCREW	6
3	SL23733-1	WIRING	1
4	SL23695	FAIRLEAD	1
5	E86519	Lever	1
6	E89474	Solution Rod ADJ	1
7	SL04240	SCREW	6
8	E86448	AS20 Washer	2
9	E86798	Lower control panel WS20	1
10	E89468	Fuse Carrier	1
11	E89342	Fuse 30 Amp	6
12	E86647	Fuse 40A	2
13	E87830	Nut	2
14	E87876	Gasket WS20/24 FS28/32	2
15	E86543	Fuse Cover for AS20	1
16	E87877	Screw WS20/24 FS28/32	2
20	SL23209	FUSE TWEEZERS	1
21	SL55061	LABEL	1
22	E89234	Traction card WS24	1
23	SL23221	CONNECTOR	1
24	E86988	Main Key Switch	1
25	E86988	Main Key Switch	1
26	E86988	Main Key Switch	2
27	E89153	Potentiometer	1
28	E86496	Circuit Board	1
29	E87923	Handle	1
30	E86750	Washer D5	6
31	SL06094	WASHER	2
32	E86749	Nut M5 UNI 5588	2
33	SL03607	SUPPORT	1
34	SL04244	SCREW	1
35	E89530	Spring WS20/24	1
36	E89154	Screw	2
37	E89087	Microswitch	1
38	E89471	Vac Motor Relay	1
39	E86797	Washer	1
40	E89529	Relay Support WS20/24	1
41	E89223	Resistor	1
45	E86997	Upper Control Panel WS20/24	1
46	SL55039	LABEL	1
47	E86644	Knob for Potentiometer	1
48	E86421	Reflector	1
49	E89255	Brush rocker switch WS24	1
50	E86423	Bipolar Switch	1

Control Panel New Style A



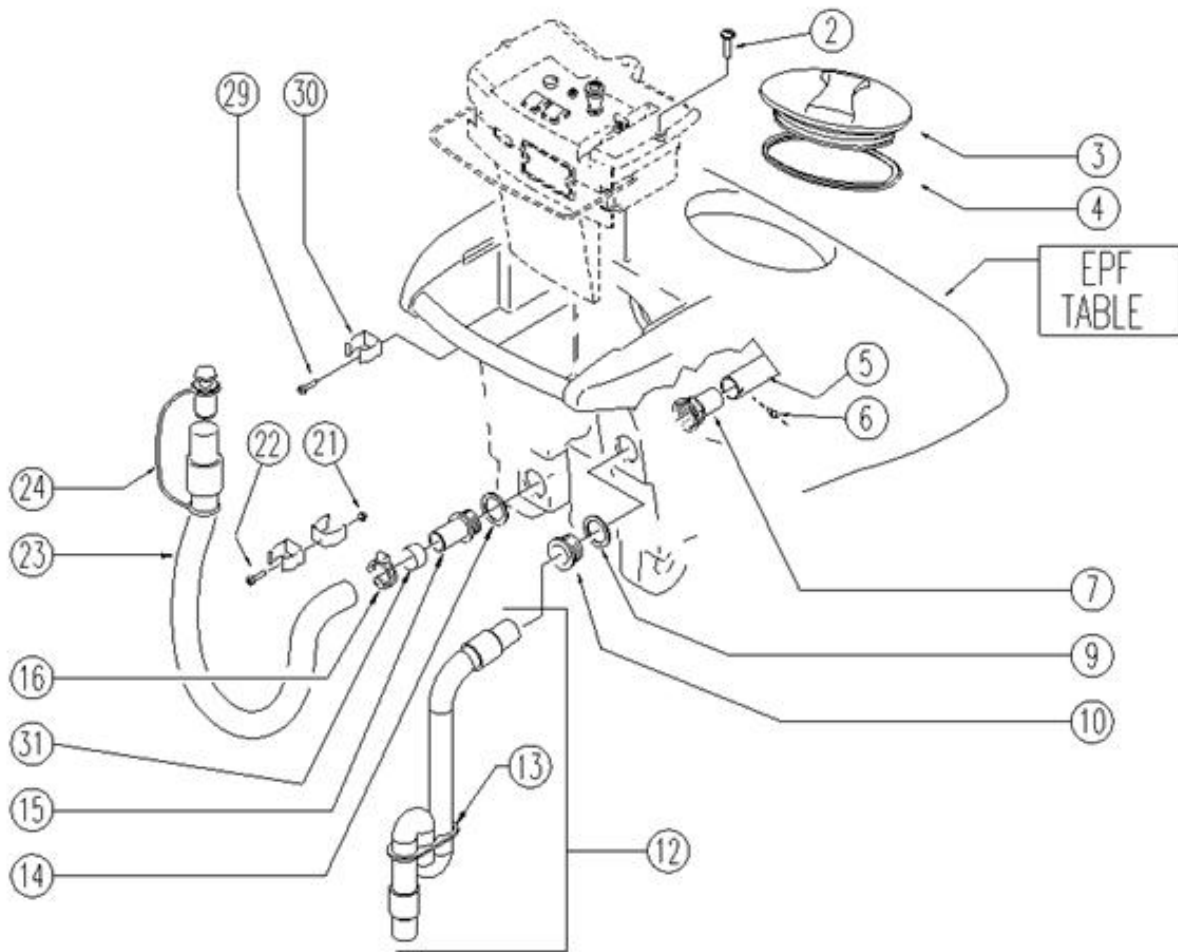
ITEM	SKU	DESCRIPTION	QTY	ITEM	SKU	DESCRIPTION	QTY
1	LAFN05201	CABLE CLAMPING	1	28	E86496	Circuit Board	1
2	VTVT28553	SCREW TCB-TC 3.5X16	8	29	E87923	Handle	1
3	MECB00772	WIRING PANNELLO	1	30	E86750	Washer D5	6
4	MEVR01331	FAIR-LEAD	1	31	VTRS15908	WASHER D. 5	2
5	MPVR03845	LEVER	1	32	VTDD07727	NUT M 5 INOX	2
6	LAFN05103	ARTICULATION	1	33	MPVR02820	SUPPORT	1
7	VTVT07859	SCREW 3.5X13	6	34	VTVT00766	SCREW TE M. 5-25	1
8	E86448	AS20 Washer	2	35	MLML00215	SPRING	1
9	MPVR03844	PANEL	1	36	E89154	Screw	2
10	E89468	Fuse Carrier	1	37	MEC 00310	MICROSWITCH	1
11	E89342	Fuse 30 Amp	6	38	E89471	Vac Motor Relay	1
12	E86647	Fuse 40A	2	39	E86797	Washer	1
13	E87830	Nut	2	40	E89529	Relay Support WS20/24	1
14	GUGO00150	NUT	2	41	E89223	Resistor	1
15	E86543	Fuse Cover for AS20	1	45	E86997	Upper Control Panel	1
16	E87877	Screw	2	46	ETET01342	LABELPANN.COMANDI100	1
17	ITSO00031	SOUND-PROOFING	1	47	E86644	Knob for Potentiometer	1
18	ITSO00032	SOUND-PROOFING	1	48	E86421	Reflector	1
20	MEVR01153	FUSE	1	49	MEC 00336	SWITCHBIPO.LUMIN.100	1
21	ETET01352	LABEL	1	50	E86423	Bipolar Switch	1
22	E89234	Traction card WS24	1	51	MPVR02940	CLIP D. 6,5	1
23	MEC 00277	CONNECTOR	1	52	LAFN05758	ROD	1
24	MEC 00323	BUTTON	1	53	E89475	Snap Ring	1
25	E89243	Key(set of 2)	1	54	E88420	Hose, Motor Exhaust Vent	1
26	MEC 00403	CONTACT -	2	55	FSVR00083	CLAMP 62-82100	1
27	E89153	Potentiometer	1	56	E86577	washer WS20/24	2

Recovery Tank/Hoses SN from 01D150



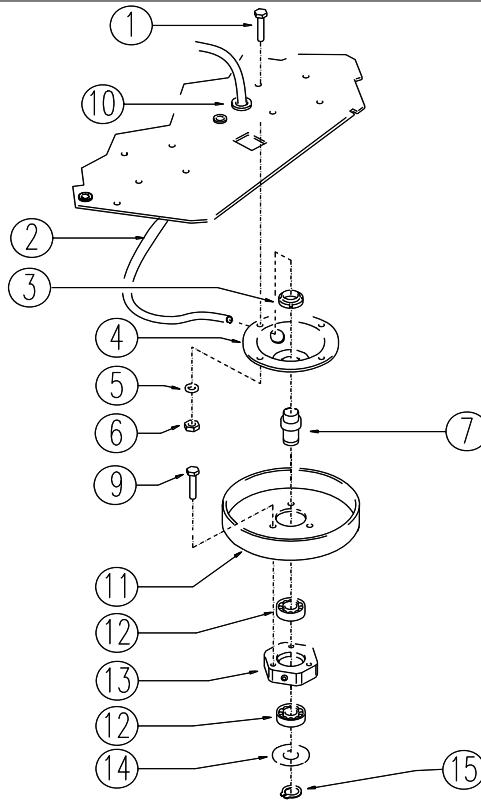
ITEM	SKU	DESCRIPTION	QTY
1	E86367	clip WS20	1
2	E87877	Screw WS20/24 FS28/32	2
3	E86518	Cover	1
4	E86503	Gasket	1
5	E87922	Hose	1
6	E86306	Screw	1
7	E89152	Connector WS20/24	1
8	E89280	Spacer	1
9	E87857	Gasket WS20/24	1
10	E87858	Suction Opening WS20/24	1
11	E86849	Sleeve	1
12	E86521	Hose	1
13	E86759	Plaque	1
14	E89089	Gasket	2
15	E87772	Connector for WS20	1
16	E86480	Double Wire Clamp	1
20	E89236	Nut	1
21	E86735	Nut	2
22	E86734	Screw	2
23	E86522	Hose	1
24	E86993	Drain hose plug with clamp	1
29	E89473	Screw	2
30	E86992	Hose Clips	3
31	E87785	Sleeve	1
32	E87786	Gasket	1

RECOVERY TANK/HOSES NEW



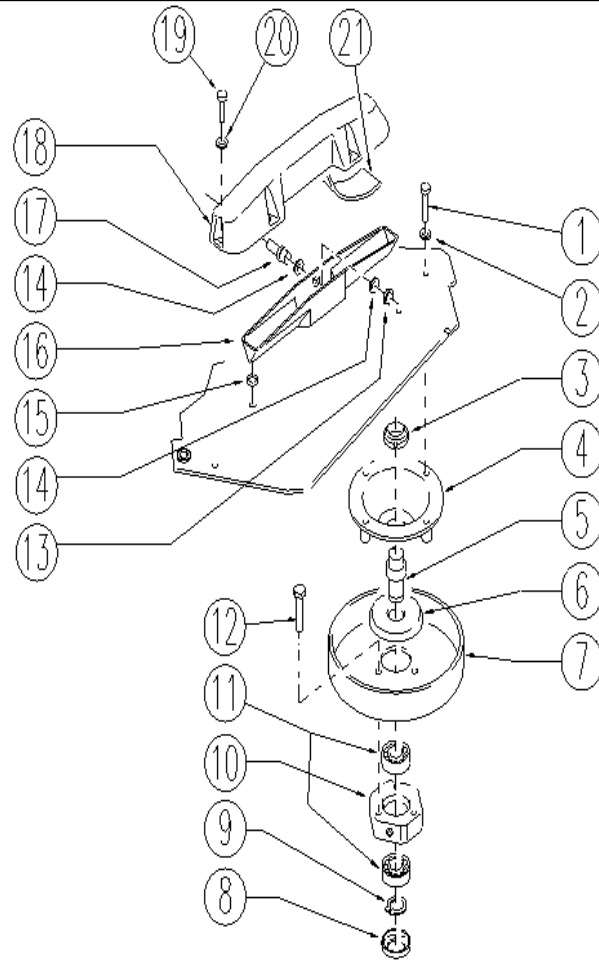
ITEM	SKU	DESCRIPTION	QTY
2	E87877	Screw WS20/24 FS28/32	2
3	E86518	Cover	1
4	E86503	Gasket	1
5	E87922	Hose	1
6	VTVT00881	SCREW M4x6	1
7	E89152	Connector WS20/24	1
9	E87857	Gasket WS20/24	1
10	E87858	Suction Opening WS20/24	1
12	E89237	Squeegee Hose ASM	1
13	E86759	Plaque	1
14	E89089	Gasket	1
15	E87772	Connector for WS20	1
16	E86480	Double Wire Clamp	1
21	VTDD00147	NUT M 4 INX U.5588	2
22	E86734	Screw	2
23	E86522	Hose	1
24	E86993	Drain hose plug with clamp	1
29	E89473	Screw	2
30	E86992	Hose Clips	3
31	E89506	Drain hose protector WS20	1

SCRUB DECK, OLD STYLE

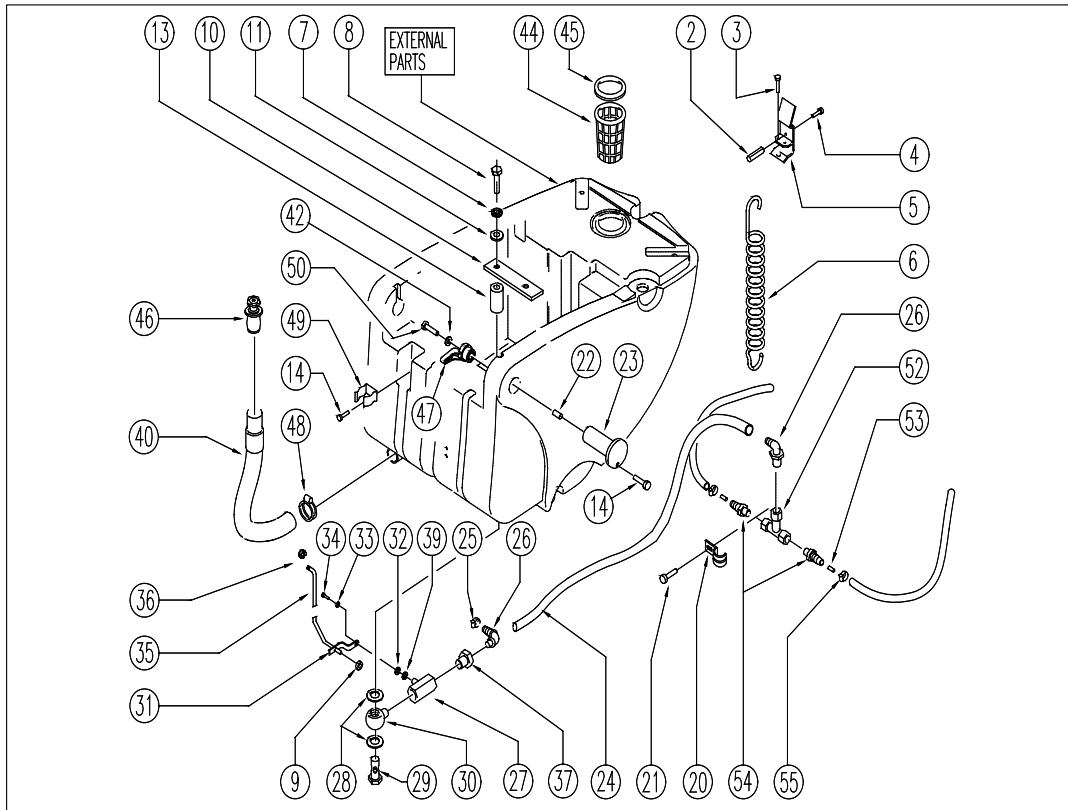


REF.	CODE	DESCRIPTION	QT
1	E86383	screw WS24	8
2	E86337	hose WS24	2
3	E86468	AS20 Nut	2
4	E86382	Flange, WS24 before 04B004	2
5	E86726	Washer	8
6	E86853	Self-locking nut M8	8
7	E86381	Pin, WS24 before 04B004	2
9	E86977	Screw M5-16 Zinc Plated	6
10	E87906	Fairlead	2
11	E86724	Pulley, pipe WS24 before 04B004	2
12	E86409	Bearing, 6005 2RS	4
13	E89431	Hexagon, WS24 before 04B004	2
14	E86617	Lower Protection	2
15	E86812	Seeger	2

SCRUB DECK NEW STYLE



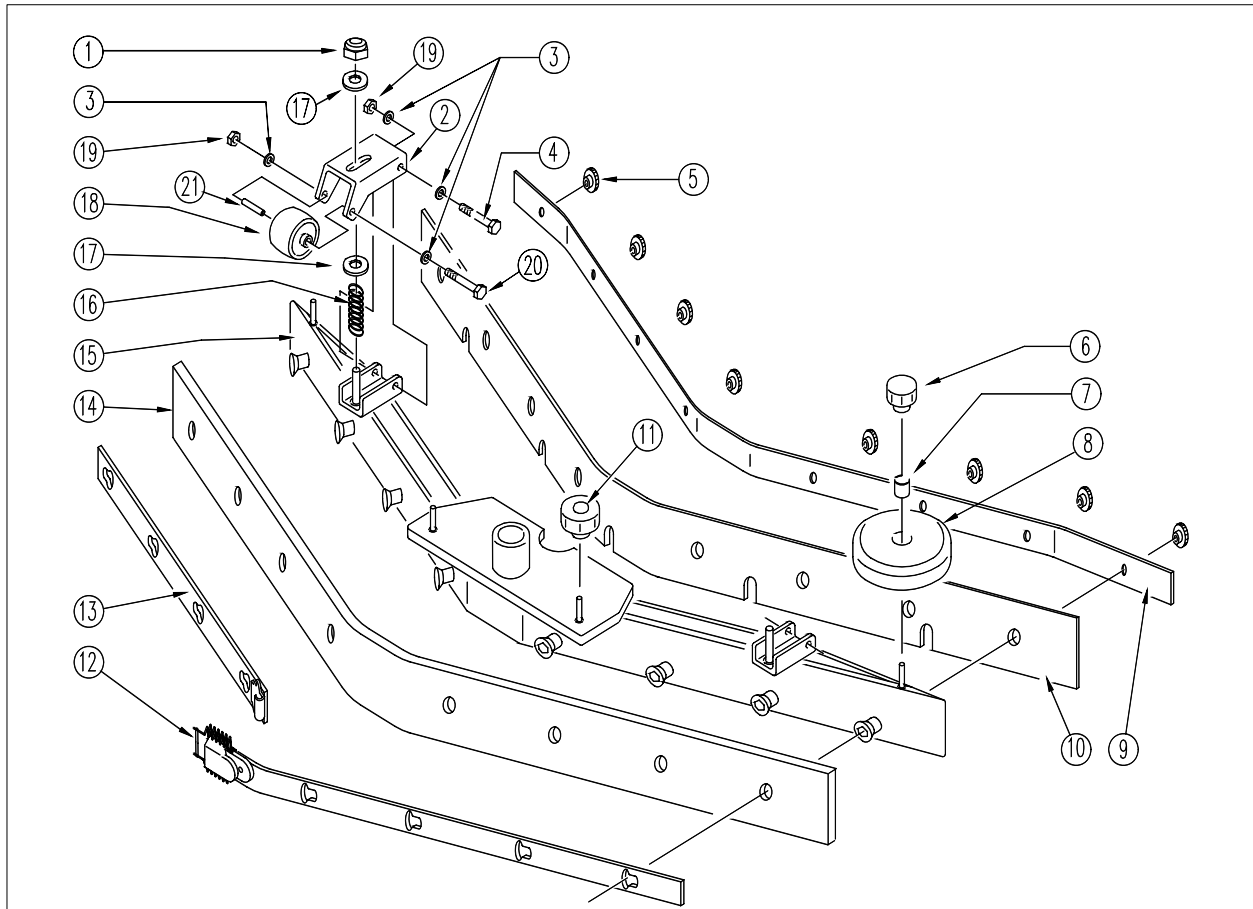
ITEM	SKU	DESCRIPTION	QTY
1	E89251	Screw	8
2	E86427	Washer for AS20	8
3	E86468	AS20 Nut	2
4	E89252	Flange, WS24 after 04B004	2
5	E89127	Pin, WS24 after 04B004	2
6	E86618	Upper Protection	2
7	E86724	Pulley, pipe WS24 before 04B004	2
8	E89128	Oil splash guard WS20/24	2
9	E86812	Seegeer	2
10	E89129	Hexagon, WS24 after 04B004	2
11	E86409	Bearing, 6005 2RS	4
12	E86977	Screw TCEI M5-16 Uni 5931 Zinc Plated	6
13	E87943	Nut	1
14	E86915	AS30/36 Gasket	2
15	E86744	AS20 Washer	2
16	E89246	Distributor	1
17	E89095	Union/connector	1
18	E89239	Cover	1
19	E89285	Screw	4
20	E89286	Washer	4
21	E89261	Gasket WS24	1



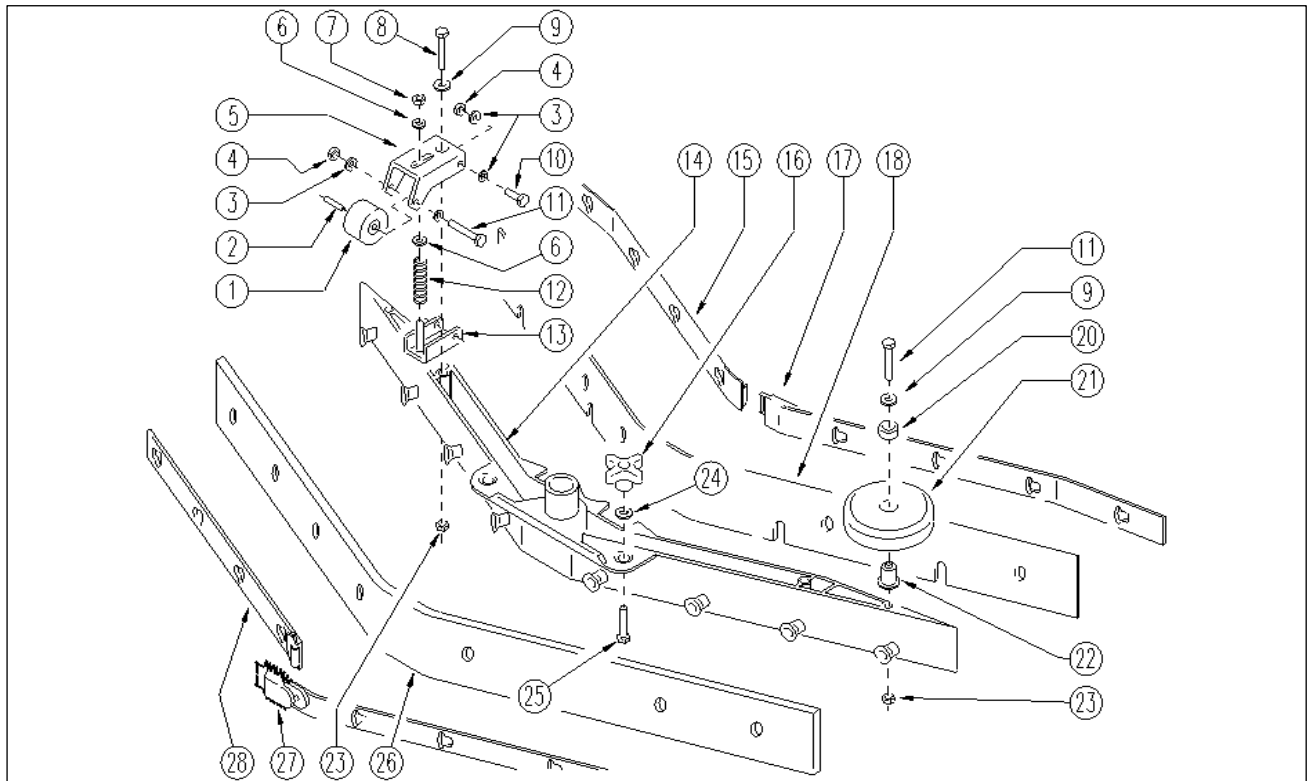
ITEM	SKU	DESCRIPTION	QTY	ITEM	SKU	DESCRIPTION	QTY
2	E86796	Spacer WS24	1	30	E87828	Connector	1
3	SL04222	SCREW	2	31	E87861	Lever	1
4	SL04278	SCREW	1	32	E89119	Washer	1
5	SL09829-4	HOOK	1	33	E89118	Washer	1
6	E86513	Spring	1	34	E89117	Screw	1
7	E86702	Cham Washer D8	2	35	E87860	Solution Rod WS20/24	1
8	E86542	Screw AS20	2	36	E89475	Snap Ring	1
9	E86875	Self-Locking Nut	3	37	E86377	reduction WS20/24	1
10	SL39098	BRACKET	1	39	E86879	Washer	1
11	E86726	Washer	2	40	E86523	Hose Foreman28	1
13	E86567	spacer	2	42	E86704	Washer D 6-18	3
14	E89473	Screw	4	44	E87799	Filter WS20/24	1
20	E87895	clamp	1	45	E89142	Gasket	1
21	E87864	Screw WS20/24	1	46	E86993	Drain hose plug with cla	1
22	E86372	insert	2	47	E87897	lever WS20/24 FS28/32	1
23	E86574	pin WS20/24	2	48	E86480	Double Wire Clamp	1
24	E86525	Hose	1	49	E86992	Hose Clips	1
25	SL14007	CLAMP	1	50	E86737	Screw	2
26	E86940	L Coupling, 3/8" D.15	2	52	E87894	Connector	1
27	E87936	TAP	1	53	E86927	Inserto	2
28	E87815	Washer WS24	2	54	E86752	Coupling 10 x 3-8 M	2
29	SL18257	SCREW	1	55	E86751	Clamp 10-16	2

SQUEEGEE ASSEMBLY OLD STYLE

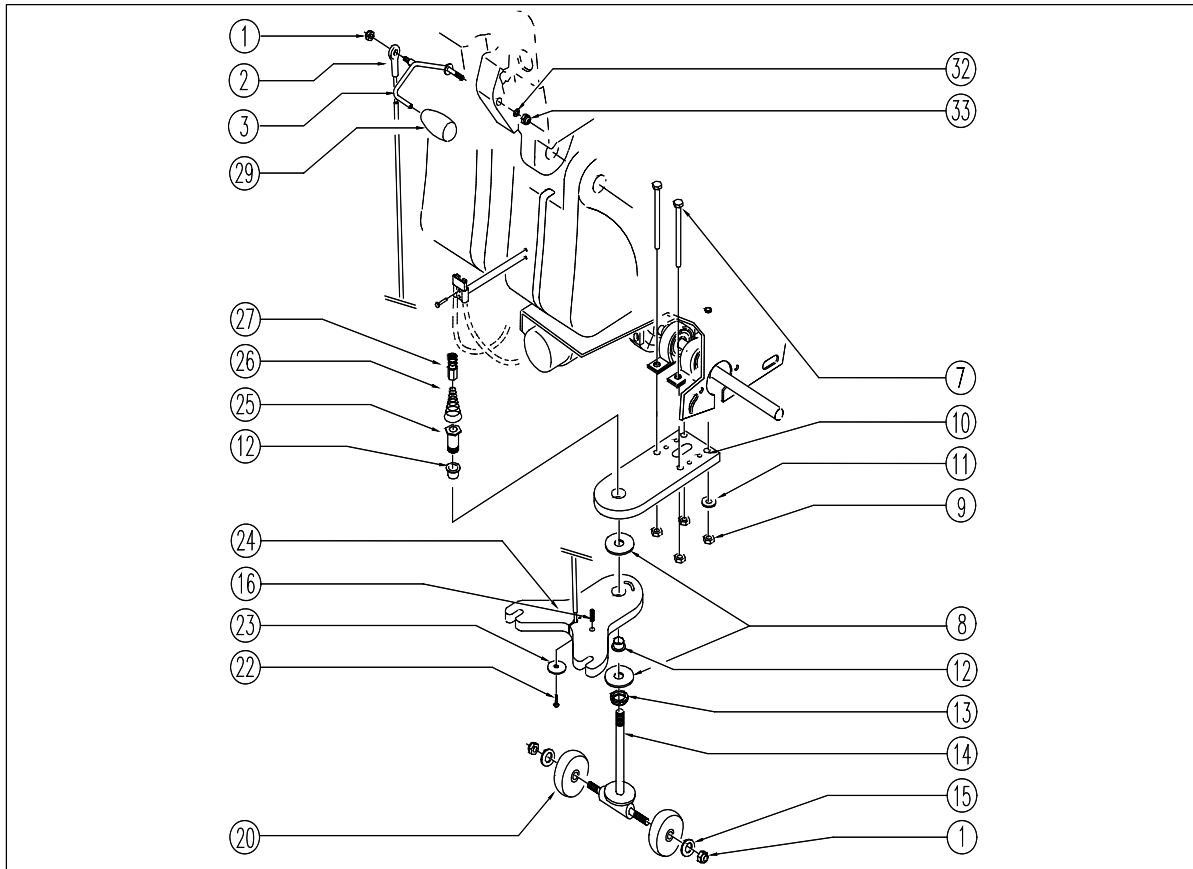
SN FROM 01B000



ITEM	SKU	DESCRIPTION	QTY
	E87800	Complete Squeegee for WS20/24	
1	E86853	Self-locking nut M8	2
2	E89218	Squeegee support	2
3	E86427	Washer	12
4	E86737	Screw	4
5	E86526	Handle	8
6	E86850	Knob	2
7	E86560	spacer	2
8	E86451	AS20 Wheel	2
9	E86529	Blade Holder	1
10	E86504	Front Curved Squeegee Blade WS20/24	1
11	E86867	Squeegee Knob	2
12	E86530	Blade Holder	1
13	E86531	Blade Holder	1
14	E86505	Rear Curved Squeegee Blade WS20/24	1
15	SL39027	BODY	1
16	E86514	Spring	2
17	E86879	Washer	4
18	E89520	Small Wheel	2
19	E87868	Self Locking Nut	6
20	E86499	Hex Bolt M6x55 SS	2
21	E89521	Spacer FS28/32	2

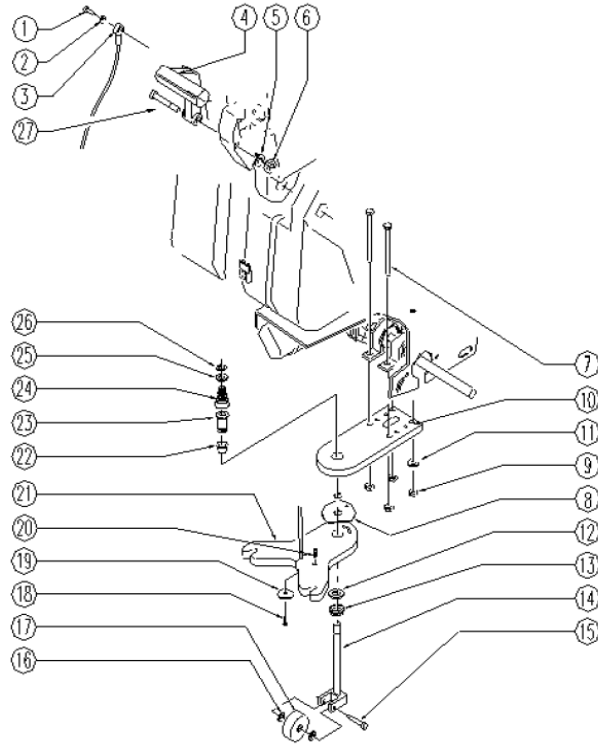


REF.	CODE	DESCRIPTION	QT
	E87800	Complete Squeegee for WS20/24	
1	E89520	Small wheel FS28/32	2
2	E89521	Spacer FS28/32	2
3	E86427	Washer for AS20	12
4	E86738	Nut M6 w/ Nylon Ring	6
5	E89218	Squeegee support	2
6	E86879	Washer	4
7	E86853	Self-locking nut M8	2
8	E89171	Screw	2
9	E87921	Washer	4
10	E86737	Screw	4
11	E86499	Hex Bolt M6x55 SS	4
12	E86514	Spring	2
13	E89287	Support	2
14	E89004	Squeegee body WS20/24	1
15	E89284	Squeegee holder with latch	1
16	E86867	Squeegee Knob WS20/24 FS28	2
17	E89283	Squeegee holder with hook	1
18	E86504	Front Curved Squeegee Blade WS20/24	1
20	E87834	Bushing WS20	2
21	E86451	AS20 Wheel	2
22	E86560	spacer	2
23	E86873	Nut	4
24	E89211	Washer	2
25	E89212	Screw	2
26	E86505	Rear Curved Squeegee Blade WS20/24	1
27	E86530	Blade Holder	1
28	E86531	Blade Holder	1

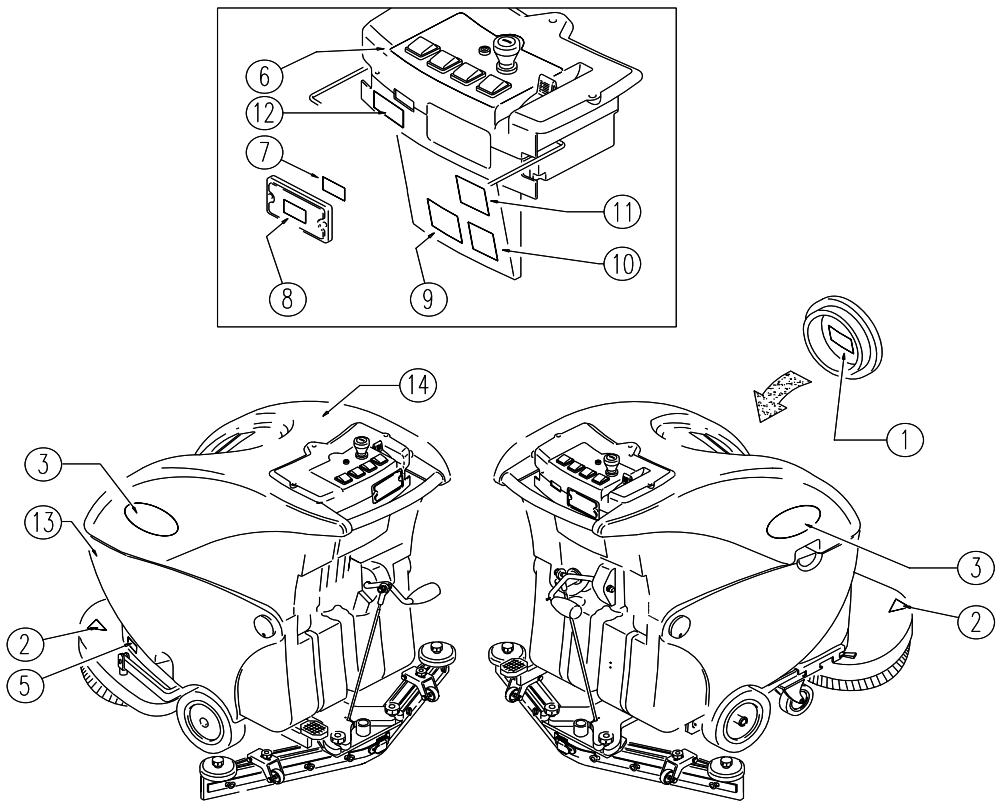


ITEM	SKU	DESCRIPTION	QTY
1	E86853	Self-locking nut M8	3
2	E89462	WS 24 Squeegee Cable	1
3	E89094	Lever, Metal Squeegee Lift	1
7	E89194	Screw	5
8	E89404	Washer	2
9	E86853	Self-locking nut M8	5
10	E89197	Support	1
11	E86726	Washer	4
12	E89403	Bushing	2
13	E87836	Nut WS 24	1
14	E87791	Rear Wheel Kit WS20/24	1
15	E86879	Washer	2
16	E89195	Screw	1
20	E86508	Small Wheel	2
22	E86578	screw WS20/24	1
23	E86577	washer WS20/24	1
24	E89196	Plate	1
25	E89405	Pin	1
26	E89406	Spring	1
27	SL07522	NUT	1
29	E86599	handgrip WS20/24	1
32	E89120	Washer	1
33	E86462	AS20 Nut	1

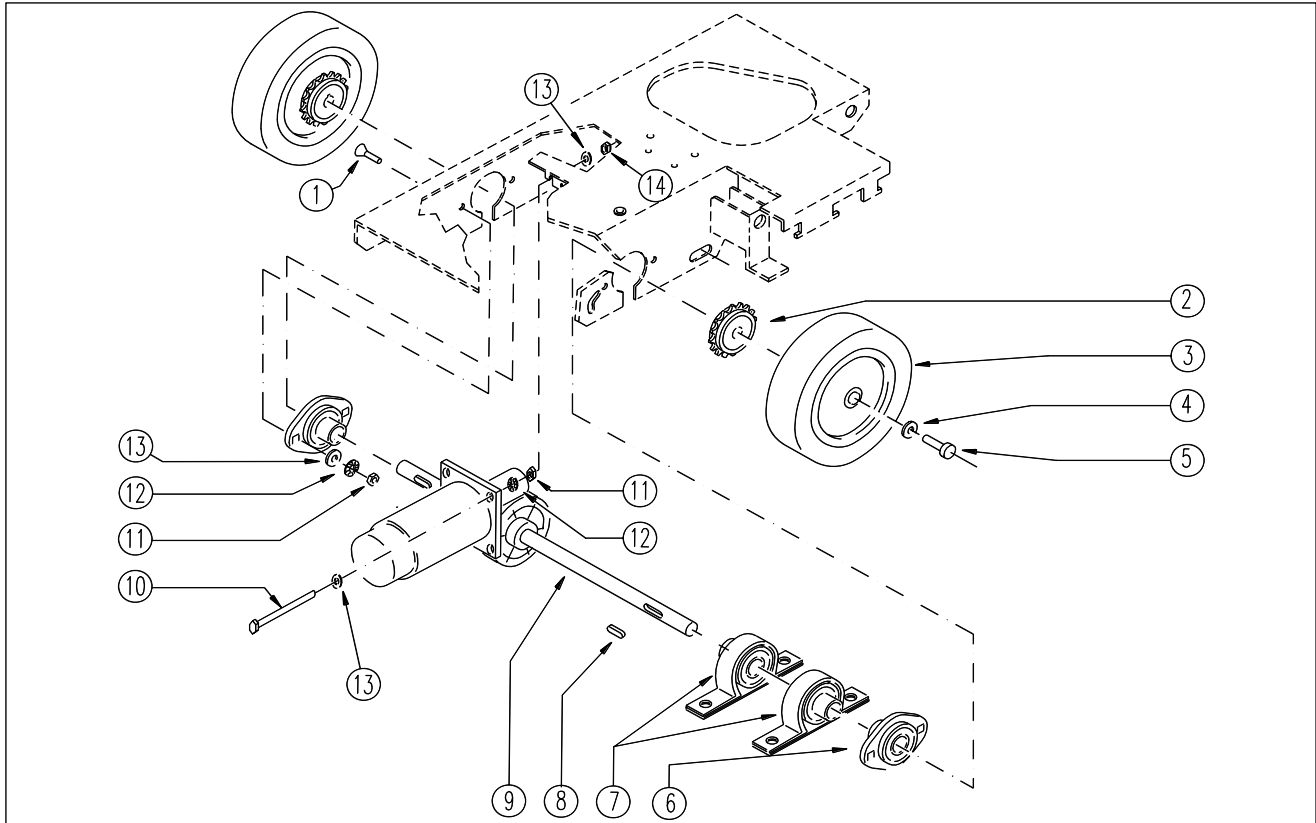
Squeegee Support New Style



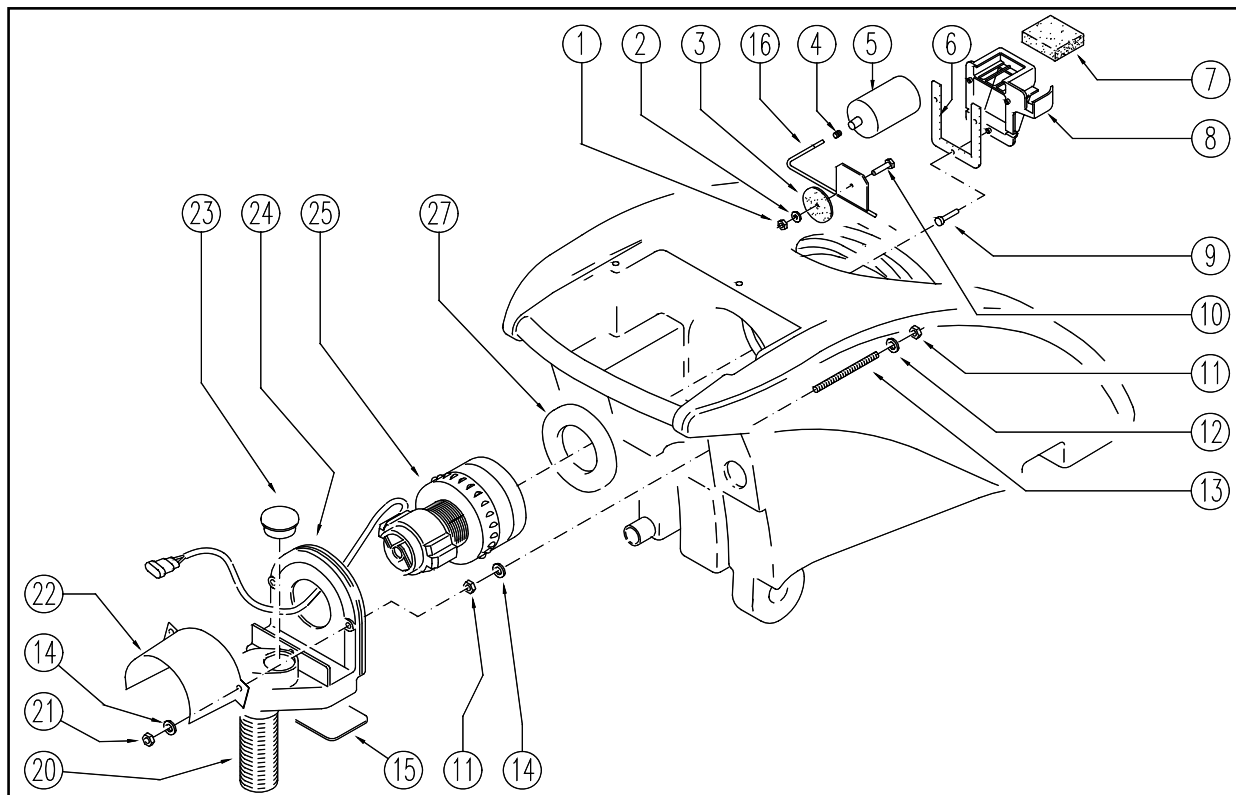
ITEM	SKU	DESCRIPTION	QTY	FROM
1	E88004	Screw, Machine M4 x 12	1	05/2003
2	E89118	Washer	1	05/2003
3	E89462	WS 24 Squeegee Cable	1	09/2003
4	E89108	Lever, Plastic Squeegee Lift	1	05/2003
5	E88091	Washer	1	05/2003
6	E86462	AS20 Nut	1	10/2002
7	E89194	Screw	4	10/2002
8	VTRS00363	WASHER D.6	1	03/2004
9	E86853	Self-locking nut M8	4	05/2003
10	LAFN51070	SQUEEGEE ARM	1	03/2004
11	E86726	Washer	4	10/2002
12	VTRS00259	RING	1	04/2004
13	E87836	Nut WS 24	1	
14	E87872	Support for WS20/24	1	10/2002
15	E87850	Screw Squeegee Support	1	04/2003
16	E86878	Washer	2	10/2002
17	E87845	Red Wheel	1	10/2002
18	E86578	screw	1	10/2002
19	E86577	washer	1	10/2002
20	E89195	Screw	1	07/2004
21	LAFN05555	PLATE	1	04/2004
22	E89403	Bushing	1	03/2004
23	E89405	Pin	1	03/2004
24	E89406	Spring	1	10/2002
25	E87873	Washer for WS20	1	10/2002
26	E89408	Stop Ring	1	10/2002
27	E89217	Squeegee handle bolt	1	05/2003



ITEM	SKU	DESCRIPTION	QTY
1	SL25056	LABEL	1
2	SL25364	LABEL	2
3	SL25744	LABEL	2
5	SL25369	LABEL	1
6	E86575	control panel label	1
7	SL25928	LABEL	1
8	E89162	Label for fuse FS28	1
9	SL25002	LABEL	1
10	SL25177	LABEL	1
11	SL25053	LABEL	1
12	SL25401-3	PART, SERIAL NUMBER LABEL	1
13	E87851	Solution Tank	1
14	E86401	Recovery tank, red	1



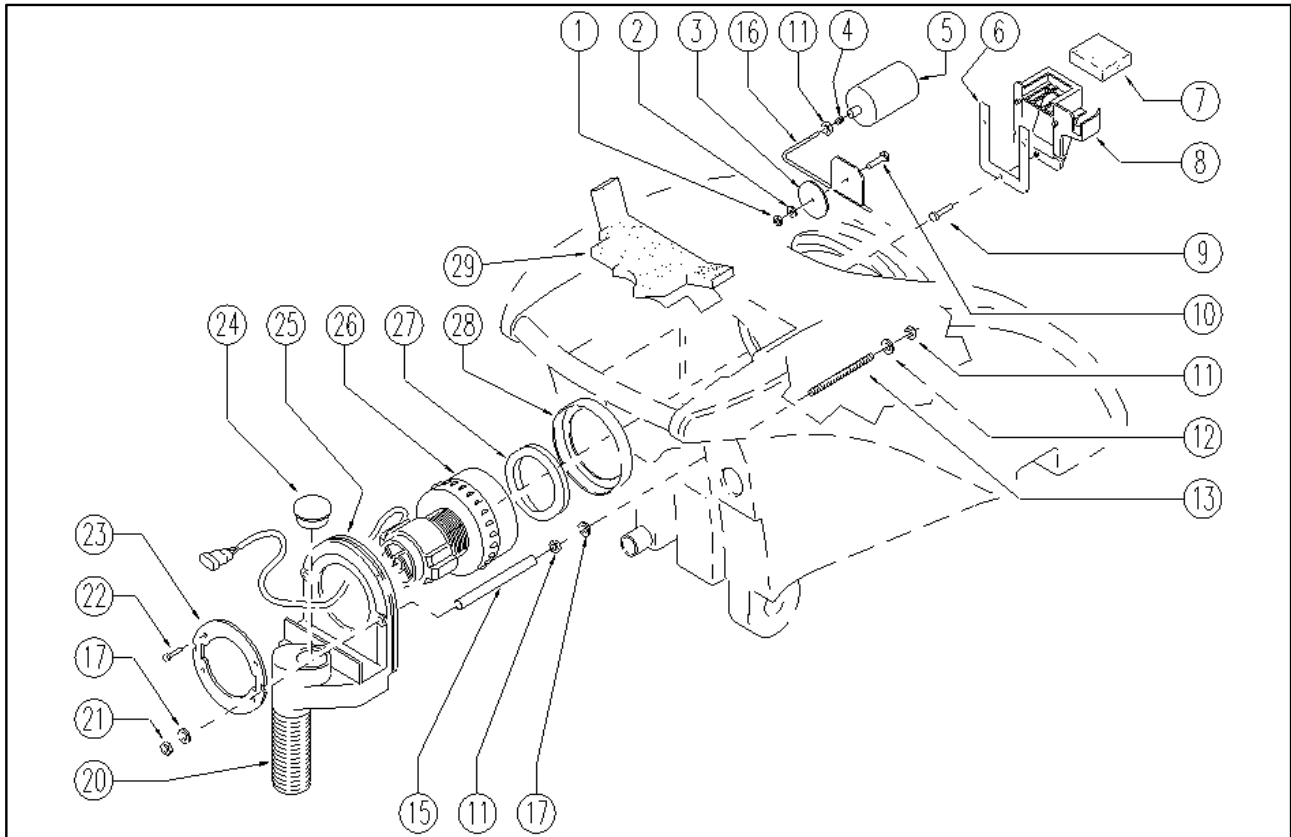
ITEM	SKU	DESCRIPTION	QTY
1	E87864	Screw	4
2	E86601	Bearing	2
3	E86625	Wheel	2
4	E86878	Washer	2
5	E86540	Screw M8x10	2
6	E86742	Support	2
7	E86359	Support	2
8	E89466	Square key	2
9	E89459	Drive Motor Shaft	1
10	E86871	Screw	1
11	E86873	Nut	5
12	E86716	Cham Washer	5
13	E86427	Washer	7
14	E86875	Self-Locking Nut	1



ITEM	SKU	DESCRIPTION	QTY
1	E86772	Nut	1
2	E86448	AS20 Washer	1
3	E86591	Gasket WS20/24-FS28/32	1
4	E89213	Insert FS28/32	1
5	E86593	Float WS20/24-FS28/32	1
6	E86365	filter gasket WS20	1
7	E86502	Filter	1
8	E86595	Support WS20/24-FS28/32	1
9	E89451	Screw	3
10	E86594	Screw WS20/24-FS28/32	1
11	E86873	Nut	4
12	E86719	AS20 Washer	2
13	E87910	Screw	2
14	E86427	Washer for AS20	4
15	SL17554	BULKHEAD	1
16	E86592	Rod WS20/24-FS28/32	1
20	E86524	Pipe	1
21	E86875	Self-Locking Nut	2
22	E89131	Suction conveyor	1
23	E89132	Cap	1
24	E89133	Cap / shell	1
25	E89478	Vac. Motor	1
27	E86403	Gasket for Vacuum Motor	1

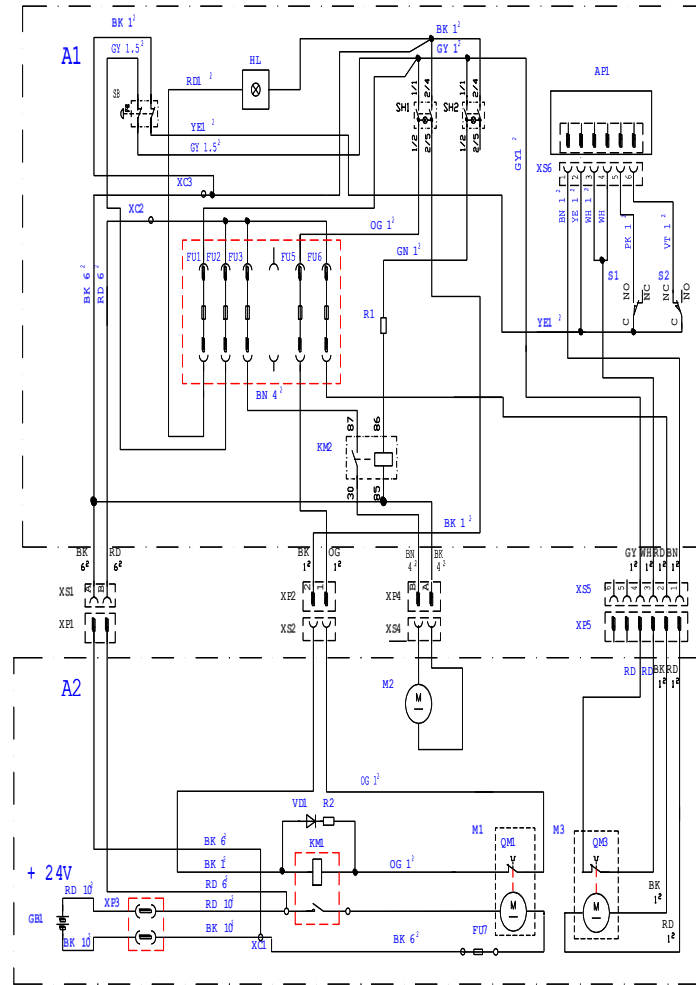
Vacuum Motor Group

SN FROM 04C335



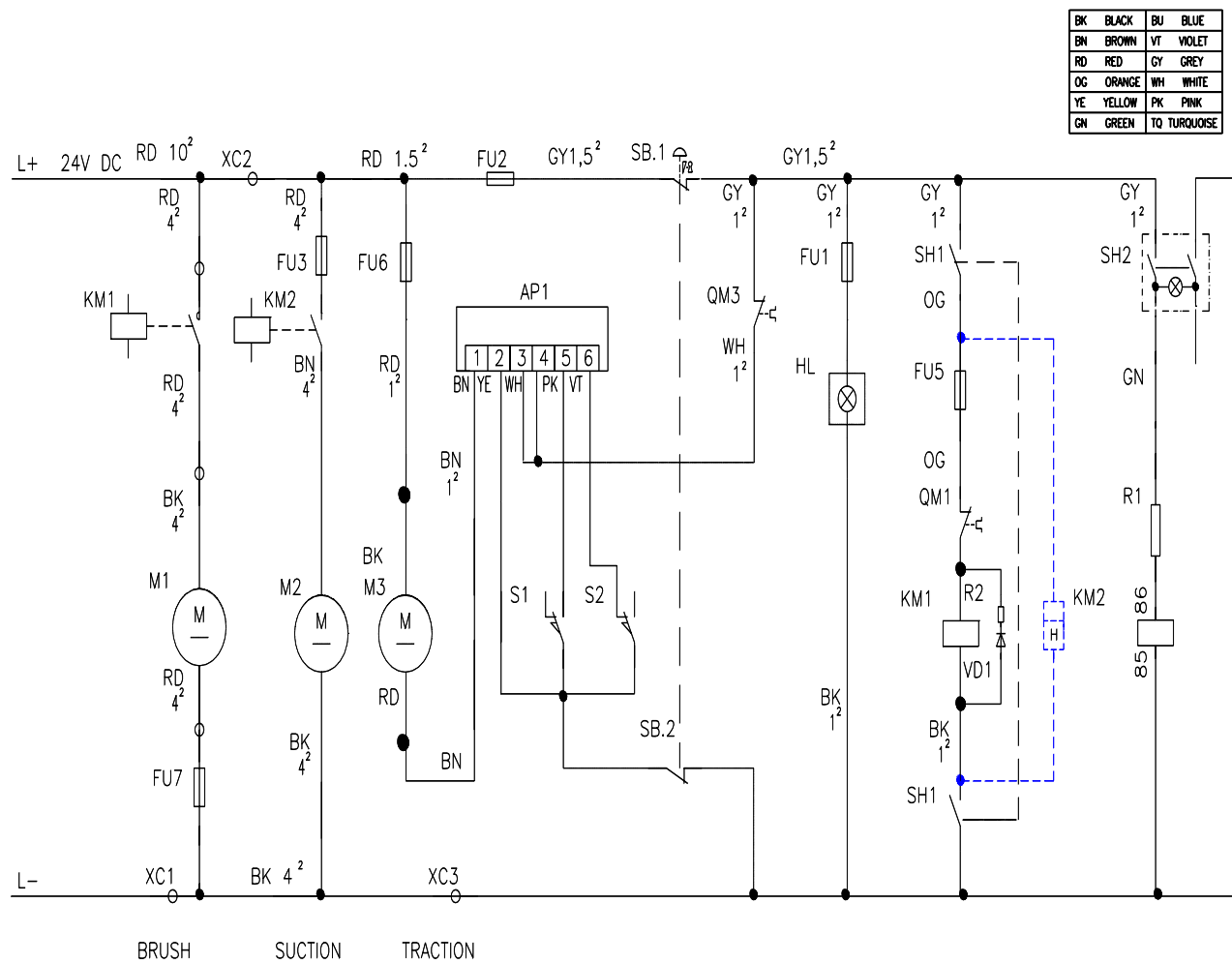
ITEM	SKU	DESCRIPTION	QTY
1	E86772	Nut	1
2	E86448	AS20 Washer	1
3	E86591	Gasket WS20/24-FS28/32	1
4	E89213	Insert FS28/32	1
5	E86593	Float WS20/24-FS28/32	1
6	E86365	filter gasket WS20	1
7	E86502	Filter	1
8	E86595	Support WS20/24-FS28/32	1
9	SL04342	SCREW	3
10	E86594	Screw WS20/24-FS28/32	1
11	E86873	Nut	5
12	E86719	AS20 Washer	2
13	E87910	Screw	2
15	E89125	Spacer WS20/24	2
16	E86592	Rod WS20/24-FS28/32	1
17	E86758	Washer	4
20	E86524	Pipe	1
21	E86875	Self-Locking Nut	2
22	SL04421	SCREW	4
23	E89126	Flange vac plate WS20/24	1
24	E89132	Cap	1
25	E89133	Cap / shell	1
26	E89124	2 stage vac motor WS20/24 after 04B	1
27	E87832	O Ring for Gasket FS28	1
28	E86612	Gasket for vacuum motor	1
29	MPVR51075	GASKET	1

BK	BLACK	BU	BLUE
BN	BROWN	VF	VIOLET
RD	RED	GY	GRAY
OG	ORANGE	WR	WHITE
YE	YELLOW	PK	PINK
GN	GREEN	TQ	TURQUOISE



ITEM	SKU	DESCRIPTION
AP1	E86528	Gearcase Board
FU1	E86825	Fuse 5 amp
FU2	E89342	Fuse 30 Amp
FU3	E89342	Fuse 30 Amp
FU5	E86825	Fuse 5 amp
FU6	E89342	Fuse 30 Amp
FU7	E87883	60 AMP Fuse for WS20/24
GB1	E11767	BATTERY
HL	E86496	Circuit Board
KM1	E86420	Relay
KM2	E89471	Vac Motor Relay
M1	E86608	Brush Motor
M2	E89478	Vac. Motor
M3	E89459	Drive Motor Shaft
QM1	INTERNAL	THERMAL PROTECTION
QM3	INTERNAL	THERMAL PROTECTION
R1	E89223	Resistor
R2	SL23899	RESISTANCE
S1	E86527	Microswitch

ITEM	SKU	DESCRIPTION
S2	E86527	Microswitch
SB	INTERNAL	PUSH-BUTTON
SH1	E86423	Bipolar Switch
SH2	E86423	Bipolar Switch
VD1	E87965	Diode, 5 OHM Watchman 20
XC1	E86563	support
XC2	SL23414	CLAMP
XC3	SL23414	CLAMP
XP1	E89281	Female connector kit
XP2	E86307	Connector
XP3	SL23010K	CONNECTOR
XP4	E89281	Female connector kit
XP5	SL23558	CONNECTOR
XS1	E89282	Male connector kit
XS2	E86308	Connector
XS4	E89282	Male connector kit
XS5	SL23559	CONNECTOR
XS6	SL23902	CONNECTOR

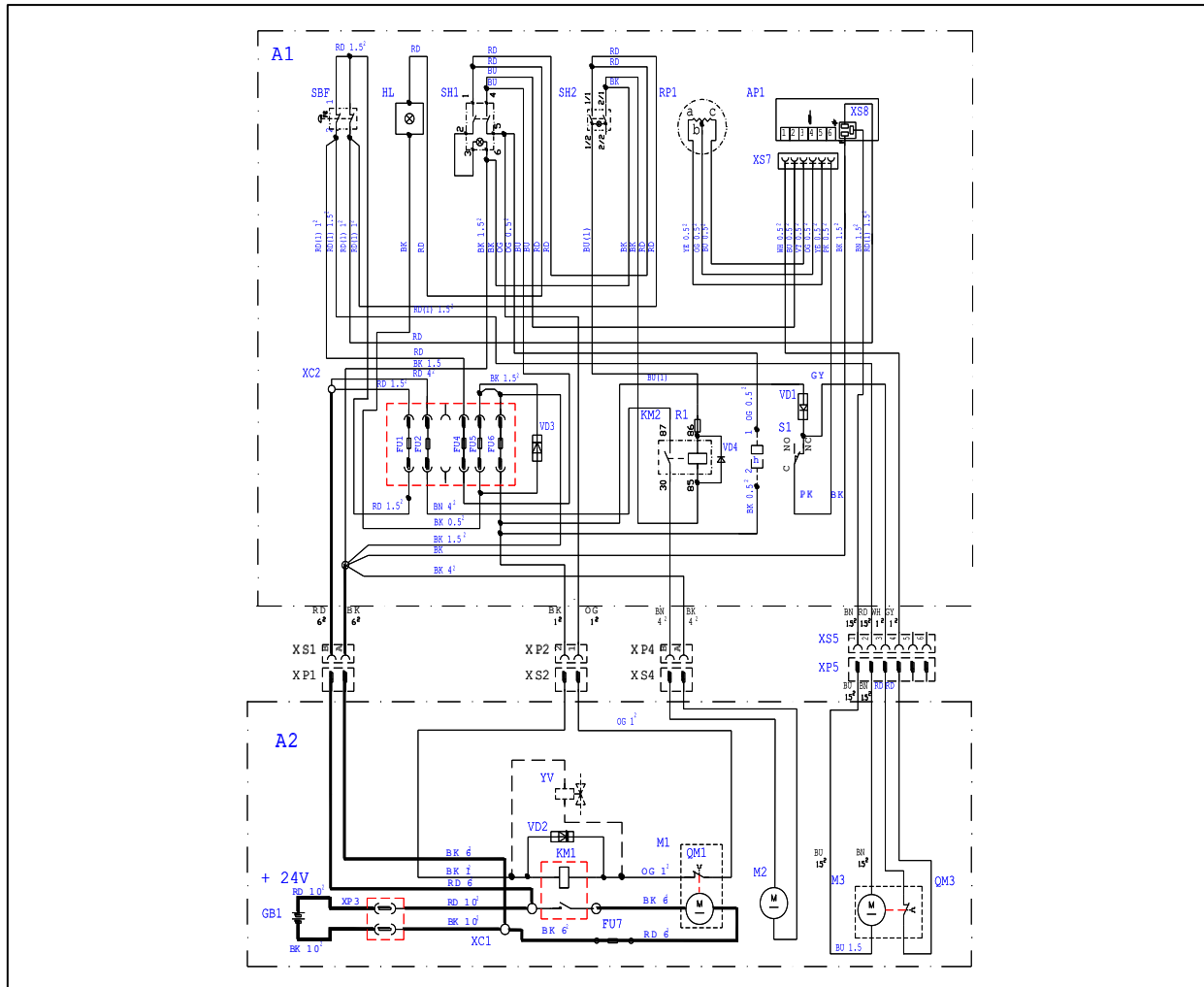


ITEM	SKU	DESCRIPTION
AP1	E86528	Gearcase Board
FU1	E86825	Fuse 5 amp
FU2	E89342	Fuse 30 Amp
FU3	E89342	Fuse 30 Amp
FU5	E86825	Fuse 5 amp
FU6	E89342	Fuse 30 Amp
FU7	E87883	60 AMP Fuse
GB1	E11767	BATERÍA
HL	E86496	Circuit Board
KM1	E86420	Relay
KM2	E89471	Vac Motor Relay
M1	E86608	Brush Motor
M2	E89478	Vac. Motor
M3	E89459	Drive Motor Shaft

ITEM	SKU	DESCRIPTION
QM1	INTERNAL	THERMAL PROTECTION
QM3	INTERNAL	THERMAL PROTECTION
R1	E89223	Resistor
R2	SL23899	RESISTANCE
S1	E86527	Microswitch
S2	E86527	Microswitch
SB	INTERNAL	PUSH-BUTTON
SH1	E86423	Bipolar Switch
SH2	E86423	Bipolar Switch
VD1	E87965	Diode, 5 OHM
XC1	E86563	support
XC2	SL23414	CLAMP
XC3	SL23414	CLAMP

WIRING VARIABLE SPEED CONTROL

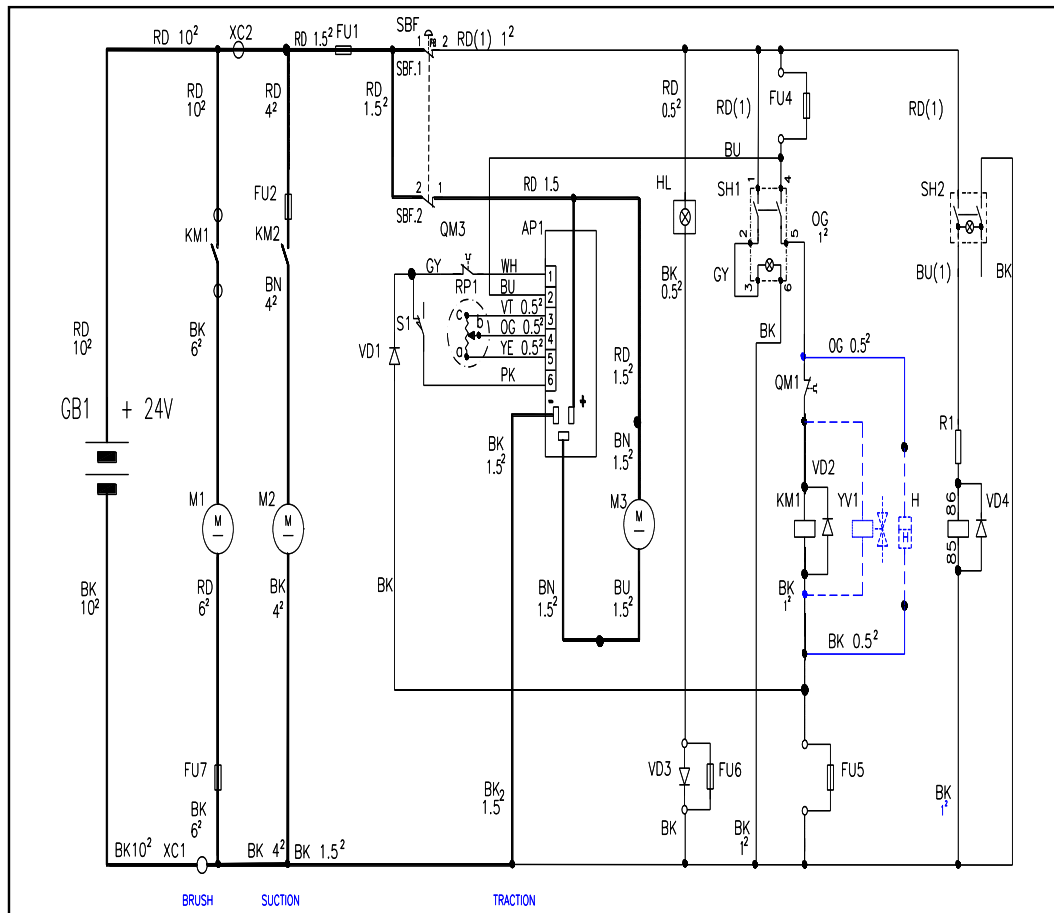
SN FROM 03A000



ITEM	SKU	DESCRIPTION	ITEM	SKU	DESCRIPTION
AP1	E89234	Traction card	SH1	E89255	Switch after ser# 03A000
FU1	E89342	Fuse 30 Amp	SH2	E86423	Bipolar Switch
FU2	E86647	Fuse 40A	VD1	E87965	Diode
FU4	E89342	Fuse 30 Amp	VD2	E87965	Diode
FU5	E89342	Fuse 30 Amp	VD3	E87965	Diode
FU6	E89342	Fuse 30 Amp	VD4	E87965	Diode
FU7	E87883	60 AMP Fuse	XC1	E86563	support
GB1	E11767	BATTERY	XC2	SL23428	CLAMP
HL	E86496	Circuit Board	XP1	E89281	Female connector kit
KM1	E86420	Relay	XP2	E86307	Connector
KM2	E89471	Vac Motor Relay	XP3	SL23010K	CONECTOR
M1	E86608	Brush Motor	XP4	E89281	Female connector kit
M2	E89478	Vac. Motor	XP5	SL23558	CONECTOR
M3	E89459	Drive Motor Shaft	XS1	E89282	Male connector kit
QM1	INTERNAL	TH OVERLOAD	XS2	E86308	Connector
QM3	INTERNAL	TH OVERLOAD	XS4	E89282	Male connector kit
R1	E89223	Resistor	XS5	SL23559	CONECTOR
RP1	E89153	Potentiometer	XS6	SL23902	CONECTOR
S1	E89087	Microswitch	H	SL23984J	HOUR METER (OPT)
SBF	E86988	MAIN KEY SWITCH	YV	SL18404	ELECTROVALVE (OPT)

WIRING, LADDER W/SPEED CONTROL

SN FROM 03A000



ITEM	SKU	DESCRIPTION
AP1	E89234	Traction card WS24
FU1	E89342	Fuse 30 Amp
FU2	E86647	Fuse 40A
FU4	E89342	Fuse 30 Amp
FU5	E89342	Fuse 30 Amp
FU6	E89342	Fuse 30 Amp
FU7	E87883	60 AMP Fuse
GB1	E11767	Battery
HL	E86496	Circuit Board
KM1	E86420	Relay
KM2	E89471	Vac Motor Relay
M1	E86608	Brush Motor
M2	E89478	Vac. Motor
M3	E89459	Drive Motor Shaft
QM1	INTERNAL	THERMAL PROTECTION
QM3	INTERNAL	THERMAL PROTECTION
R1	E89223	Resistor
RP1	E89153	Potentiometer
S1	E89087	Microswitch
SBF	E86988	Main Switch
SBF.1	E86988	Main Switch
SH1	E89255	Rocker Switch
SH2	E86423	Bipolar Switch
VD1	E87965	Diode
VD2	E87965	Diode
VD3	E87965	Diode
VD4	E87965	Diode
XC1	E86563	support
XC2	SL23428	CLAMP
H	SL23984J	HOURL METER (OPTIONAL)
YV	SL18404	ELECTROVALVE (OPTIONAL)

BETCO US WARRANTY POLICY

10 year coverage

Subject to the conditions stated below, Betco warrants parts and labor on rotationally molded polyethylene tanks/housings and injection molded vacuum head assemblies to be free from defects in materials and workmanship for a period of ten years to the original purchaser.

3 Year Coverage

Subject to the conditions stated below, Betco warrants parts and labor on all other Betco components to be free from defects in materials and workmanship for a period of three years to the original purchaser.

1 Year Coverage

Subject to the conditions stated below, Betco offers a limited warranty on parts and labor on the following equipment: parts and accessories to be free from defects in materials and workmanship for a period of one year to the original purchaser.

- DM Series Vacuums: #85506-00, #85507-00
- Bac Pac Lite Vacuum: #85903-00
- FiberPRO® Floor Dryer: #85507-00
- WORKMAN™ Series Vacuums: #85024-00, #85025-00, #85026-00, #85027-00
- CV100T Vacuum: #85023-00
- All Tools and Accessories
- All Battery Chargers
- All Batteries are pro-rated for 1 year

Allowable Travel Time Warranty Reimbursement:

Eligible equipment: All battery and propane powered equipment products. Warranty period: 90 days from date of sale to the original purchaser. A maximum 60 mile round trip at 44 cents per mile will be allowed for warranty consideration.

Propane Machine Warranty:

Honda engines are warranted by Honda for a period of 2 years against manufacturer defects. Kawasaki engines are warranted by Kawasaki for a period of 2 years against manufacturer defects. All other components (except wear items)* are warranted by Betco for a period of 3 years.

***Wear Items exempt from Warranty consideration include but may not be limited to: power cords, transport wheels, vacuum bags, belts, squeegee blades, pad drivers, clutch plates, handle grips, filters, screens, throttle cables, brushes and carbon brushes.**

Subject to the conditions and exceptions stated in this warranty, Betco warrants the Betco products to be free from defects in material and workmanship, under normal use and service, for the periods listed under the warranty policy to the original purchaser. At any time during the warranty period, Betco will furnish replacement parts for the Betco parts to the original purchaser. Such parts will be furnished and charged including transportation costs, to the original owner through any Betco authorized Service Distributor. If the original part is returned within the warranty policy period from date of delivery for inspection by Betco and is found to be defective the owner will be credited for the cost of replacement parts plus shipping and handling. Replacement parts that have become defective through wear or abuse are not included in this warranty.

This warranty does not apply to damage or defect caused by accident, misuse, Negligence, fire, or to any Betco product which has been serviced or repaired by other than an authorized Betco Service Distributor or Betco factory personnel. This warranty is void if products are used for any purpose other than that which was intended. There are no other warranties expressed or implied. In no event shall Betco be liable for incidental or consequential damages or any damage to person or property. (Please note some states do not allow the exclusion or limitations for incidental and consequential damages)

