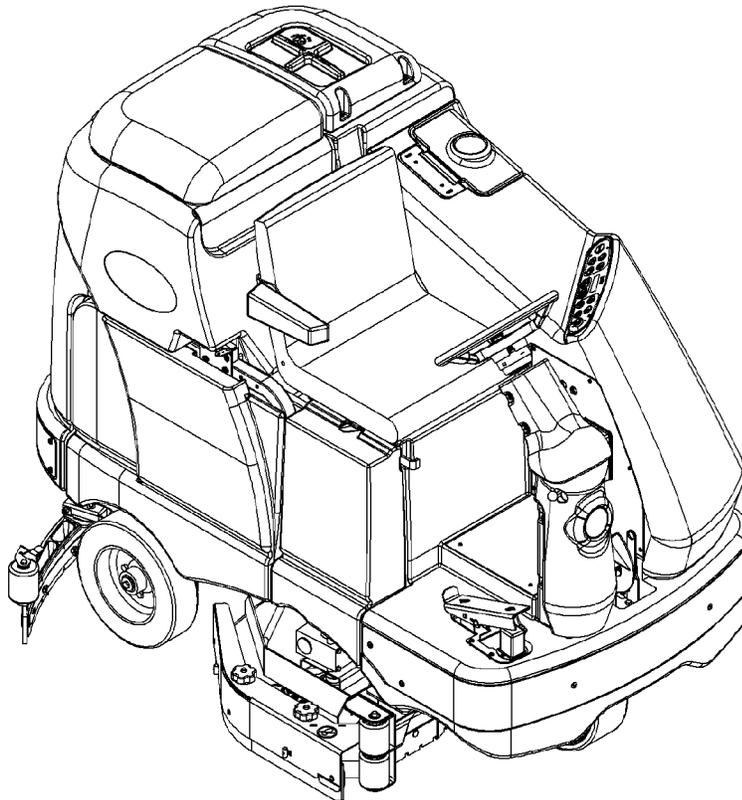


# BR 1100S, BR 1300S

## PARTS LIST



**Standard Models After SN1000038925:**

**56413006(BR 1100S), 56413007(BR 1100S C / w/sweep system), 56413889(OBS / BR 1100S C / w/o sweep system)  
56413010(BR 1300S), 56413011(BR 1300S C / w/sweep system), 56413890(OBS / BR 1300S C / w/o sweep system)**

**Obsolete EDS Models:**

**56413785(BR 1100S EDS), 56413781(BR 1100S C EDS / w/sweep system),  
56413782(BR 1300S EDS), 56413783(BR 1300S C EDS / w/sweep system),  
56413897(BR 1100S C EDS / w/o sweep system)  
56413898(BR 1300S C EDS / w/o sweep system)**



5/08 revised 2/11

FORM NO. 56042498

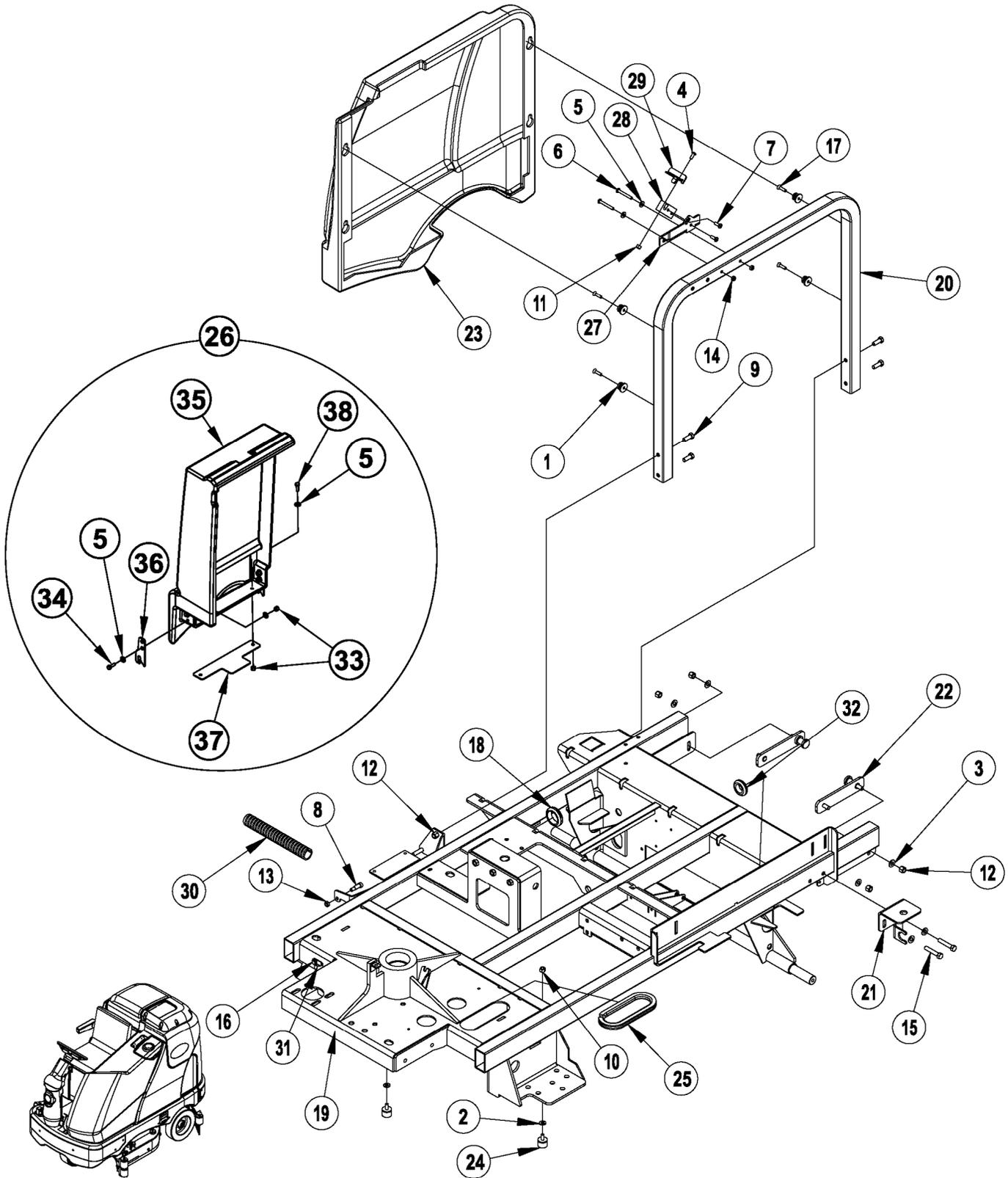


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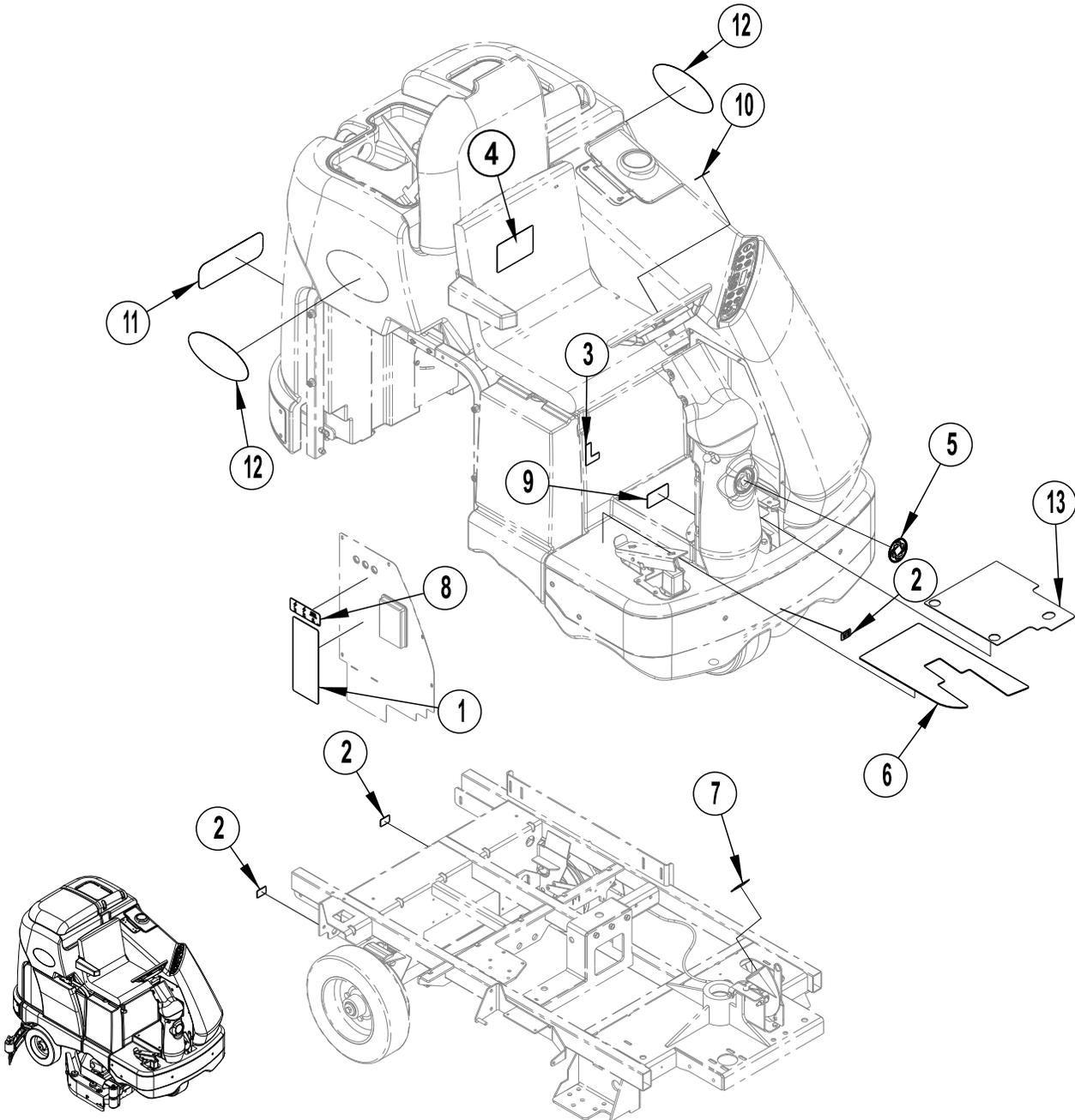
- \* Use the numbers from the "Ref. No." columns in this parts list.
- \* Specify the model and serial number of the machine.
- \* Use the space below to record the model and serial number for future reference.

Model \_\_\_\_\_ Serial No. \_\_\_\_\_



**CHASSIS SYSTEM**  
**BR 1100S / BR 1300S**

Item	Ref. No.	Qty	Description
1	56365777	4	Lug, Brush Driver
2	56001939	2	Wsh, Flt SAE 5/16
3	56002063	6	Wsh, Flt SAE 3/8
4	56002066	1	Scr, Pan Phil 1/4-20 X .62
5	56002098	2	Wsh, Flt SAE 1/4
6	56002108	2	Scr, Pan Phil 1/4-20 X 2.00
7	56002507	2	Scr, Pan Phil 1/4-20 X .75
8	56002622	1	Scr, Soc Shd .38 X .75 X 5/16-18
9	56002663	4	Scr, Hex 3/8-16 X 1.00
10	56002701	2	Nut, Hex Nyl Loc 5/16-18
11	56002708	1	Nut, Hex Nyl Loc 1/4-20
12	56002769	8	Nut, Hex Nyl Loc 3/8-16
13	56002826	1	Nut, Hex Nyl Loc-Thin 5/16-18
14	56002840	2	Nut, Hex Nyl Loc-Thin 1/4-20
15	56003031	2	Scr, Hex Hd Loc 3/8-16x2.00
16	56009033	1	Scr, Hex Thd Form 1/4-20 X .50
17	56009101	4	Scr, Flt Phil Thd Form 1/4-20 x 1.00
18	56054715	1	Grommet
19	56413035	1	Weld't, Chassis
20	56413252	1	Support, Chassis
21	56413254	1	Support
22	56413373	2	Pin Plate Weldt
23	56413386	1	Panel, Side Rear
24	56413714	2	Bumper, Rubber
25	56413724	1	Trim, Edge
26	56413795	1	Side Panel Assy (#33-37)
27	56413798	1	Plate, Latch Mount
28	56413802	1	Latch, RH
29	56413843	1	Lever
30	56413847	1	Conduit
31	56486112	1	Clamp, P
32	56486116	1	Grommet
33	56003403	6	Nut, Hex Nyl Loc M6-1
34	56003454	6	Scr, Hex Thd To Hd SS M6-1 X 20mm
35	56413387	1	Panel, Side Front
36	56413433	2	Hinge
37	56413796	1	Plate



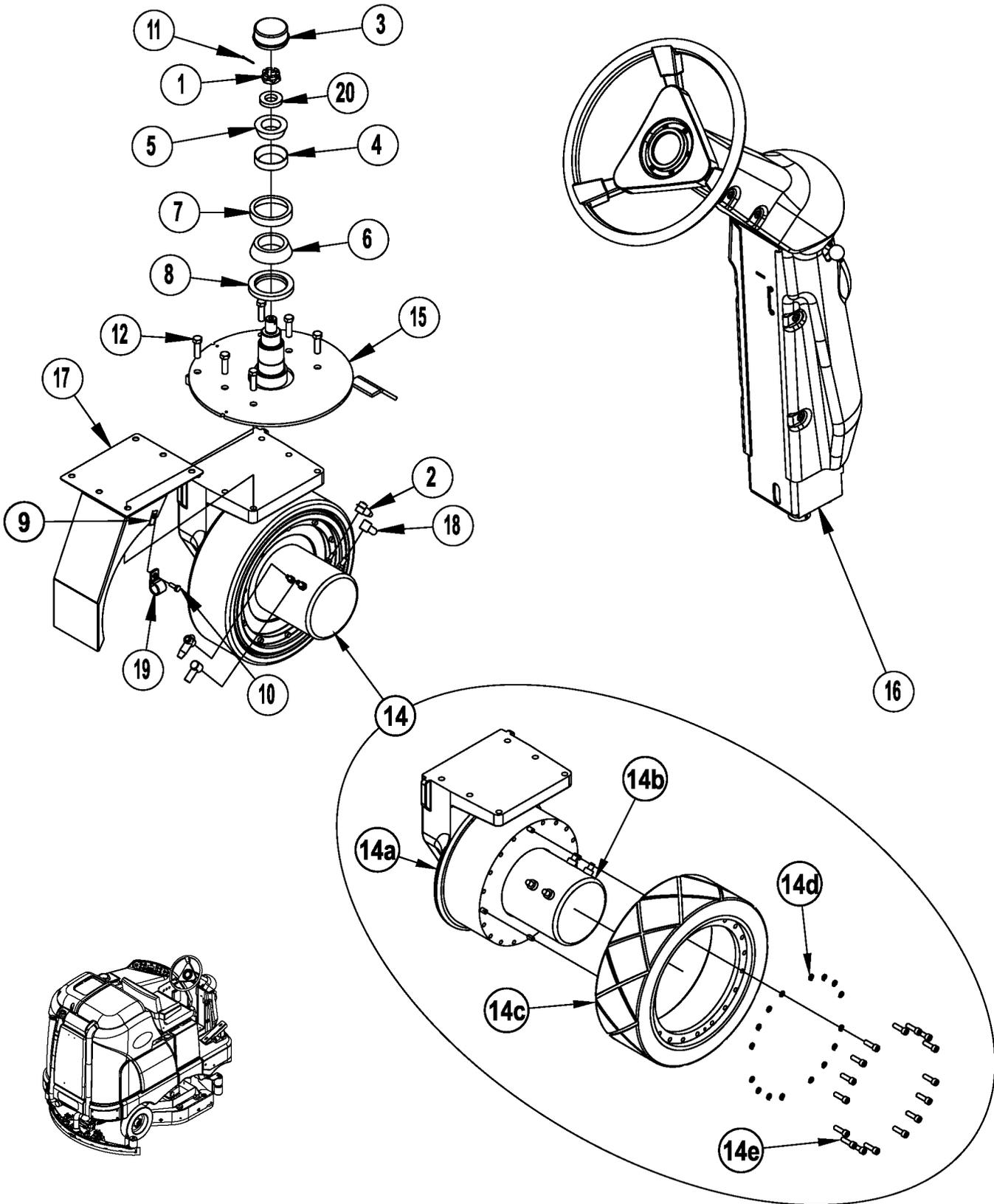
08-5

**DECAL SYSTEM**

10-3

**BR 1100S / BR 1300S****5**

Item	Ref. No.	Qty	Description
1	56014601	1	Decal, Caution
2	56015370	3	Decal, Tie Down
3	56015179	1	Decal, Emergency
4	56015272	1	Decal, Battery Wiring Diagram
5	56016348	1	Decal, Logo
6	56413630	1	Mat, Lower Floor
7	56413797	1	Mat, Pedal
8	56015374	1	Decal, Circuit Breaker
9	56016401	1	Decal, Parking Brake
10	56016421	1	Decal, Logo 2 Inch
11	56016731	1	Decal, Nilfisk
12	56016737	2	Decal, BR 1100S
	56016739	2	Decal, BR 1300S
	56016738	2	Decal, BR 1100S EDS
	56016740	2	Decal, BR 1300S EDS
	56381117	2	Decal BR 1100S EcoFlex
	56381118	2	Decal BR 1300S EcoFlex
13	56413629	1	Mat, Upper Floor

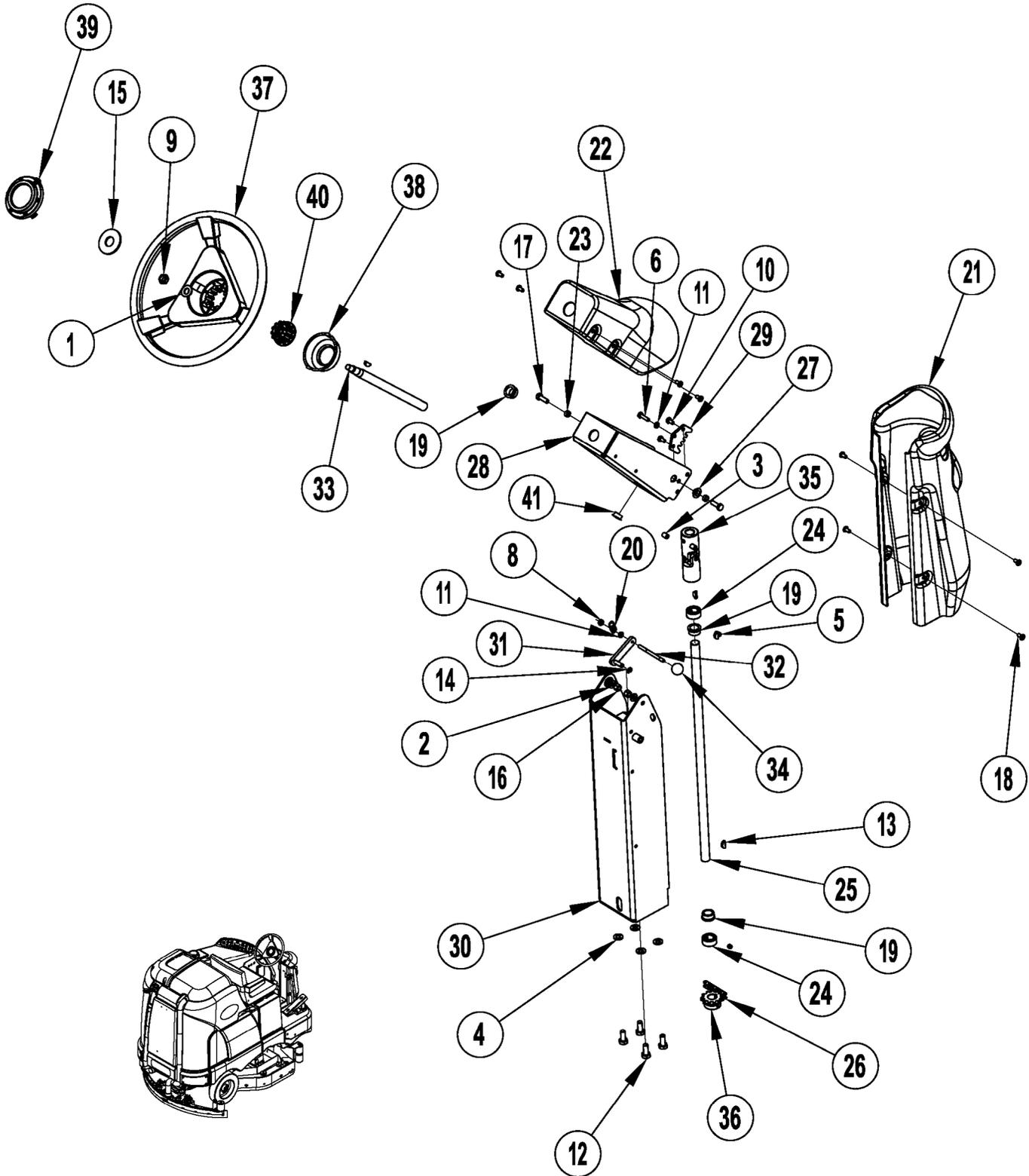


08-5	<b>DRIVE WHEEL SYSTEM</b>		
10-10		<b>BR 1100S / BR 1300S</b>	<b>7</b>

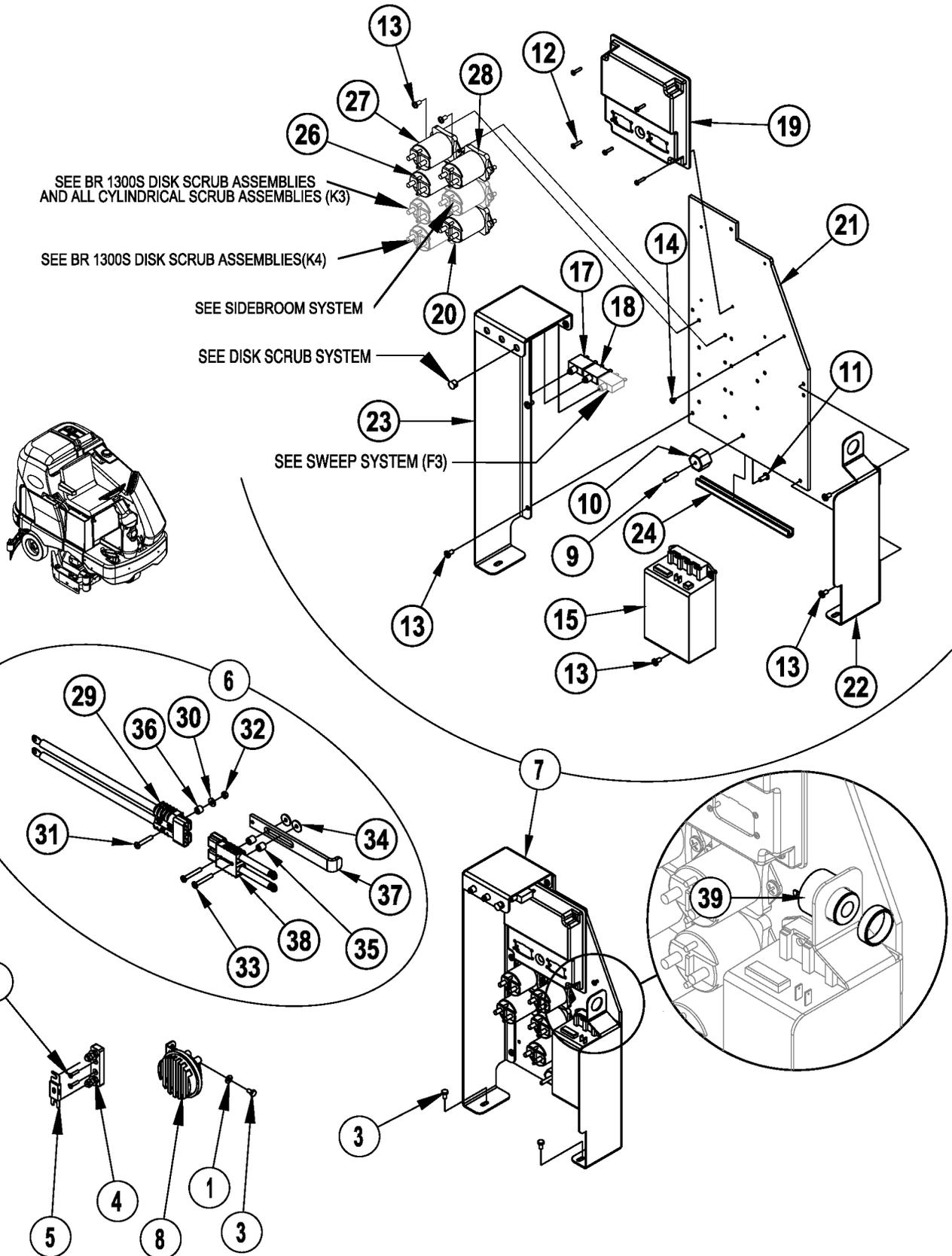
Item	Ref. No.	Qty	Description
1	56110817	1	Nut, Castle 7/8-14
2	56409538	2	Insulator, Terminal
3	56483135	1	Cap, Grease
4	56492697	1	Bearing, Cup
5	56492699	1	Bearing, Cone
6	56492700	1	Bearing, Cone
7	56492702	1	Bearing, Cup
8	56493191	1	Seal, Radial Lip
9	56009289	1	Nut, Retainer 1/4-20
10	56002155	1	Scr, Hex 1/4-20 X .75
11	56002181	1	Pin Cotter, 1/8 X 1 1/2
12	56003743	6	Scr, Hex 7/16-14 X 1.75
14	56413885	1	Wheel Drive Assy
14a	56102257	1	Drive Motor Assy <b>TSBUS2007-971</b>
*	56380262	1	Kit Gear Driven
*	56380263	1	Kit Gear Pinion
*	56380264	1	Kit Retainer Seal
*	56380266	1	Kit Gear Internal
14b	56413615	1	Motor, Traction <b>(M1)</b>
*	56413616	1	Carbon Brush Set
14c	56380443	1	Poly Front Wheel <b>TSBUS2008-1007</b>
14d	56003781	16	Wsh, High Collar Lock 5/16
14e	56003203	16	Scr, Soc Hd 5/16-18 x 1.00
15	56413160	1	Front Spindle Weld't
16	56413174	1	Steering Assy
17	56413178	1	Splash Guard
18	56492305	2	Boot, Rubber
19	56496276	1	Clamp, Hose Support
20	56497241	1	Bushing

\* = Not Shown

\*\* = Optional (Not Included)



Item	Ref. No.	Qty	Description
1	56001879	1	Wsh, Flt SAE 1/2
2	56001939	2	Wsh, Flt SAE 5/16
3	56001958	2	Scr, Soc Set Loc 3/8-16 x .50
4	56002063	4	Wsh, Flt SAE 3/8
5	56002086	2	Scr, Soc Set Loc 5/16-18 x .25
6	56002093	1	Scr, Hex 1/4-20 x 1.00
8	56002840	1	Nut, Hex Nyl Loc-Thin 1/4-20
9	56002843	1	Nut, Hex Nyl Loc-Thin 1/2-13
10	56002933	2	Scr, Hex Hd Loc 1/4-20 x .38 (before serial number 1926681)
	56003039	2	Scr, Hex Hd Loc 1/4-20 x .50 (after serial number 1926680)
11	56003145	2	Nut, Hex Jam SS 1/4-20
12	56003186	4	Scr, Hex Thd To Hd M10-1.5 x 25mm
13	56003228	4	Key, Wdf .75 x .19
14	56003261	1	Ring, Ret Ext Type E 0.31 Dia
15	56003342	1	Washer Flt .88 x 2.25 x .13
16	56003389	2	Nut, Hex Nyl Loc M8-1.25
17	56003436	2	Scr, Hex SS M8-1.25 x 25mm
18	56009062	8	Scr, Pan Phil Thd Form 1/4-20 x .50
19	56250414	3	Bearing, Flange
20	56305072	1	Spring, Extension .075
21	56314295	1	Shroud, Lower Column
22	56314296	1	Shroud, Upper Column
23	56320595	2	Bushing .32 x .50 x .28
24	56367095	2	Collar, Shaft
25	56413175	1	Shaft, Lower Steering
26	56412198	1	Chain, Roller #40 x 35
27	56413211	2	Bearing, Flange .625 x .500 x .250
28	56413657	1	Column, Upper
29	56413658	1	Ratchet, Steering Column
30	56413659	1	Lower Column Weldment
31	56413661	1	Steering Pawl Weldment
32	56413664	1	Rod
33	56420059	1	Shaft, Upper Steering
34	56440817	1	Knob
35	56454081	1	Universal Joint
36	56471148	1	Sprocket
37	56497306	1	Steering Wheel
38	56497308	1	Cup
39	56497543	1	Cap
40	56497560	1	Wheel Adapter
41	56900041	1	Plug, Cap



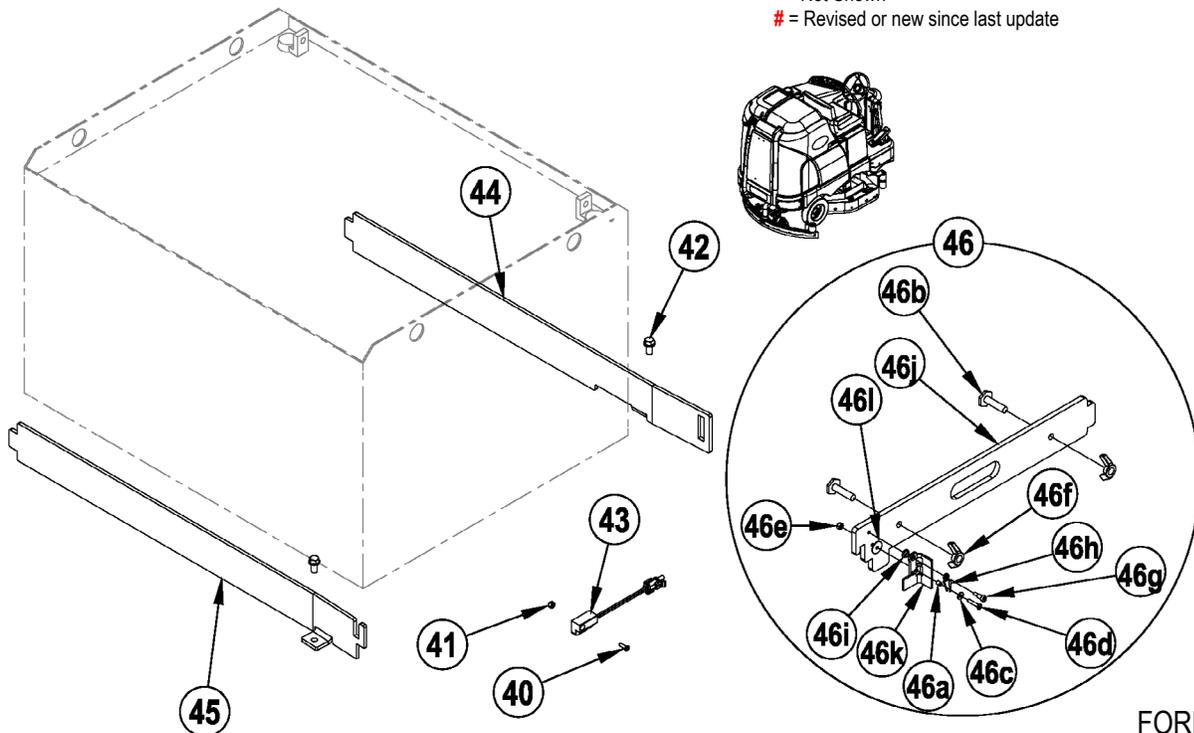
Item	Ref. No.	Qty	Description	Item	Ref. No.	Qty	Description
1	56002098	1	Wsh, Flt SAE 1/4	36	56050872	1	Spacer, Phenolic
2	56002417	2	Scr, Flt Phil 10-24 X .88	37	56413132	1	Bar, Disconnect
3	56009033	3	Scr, Hex Thd Form 1/4-20 X .50	38	56413217	1	Connector Assy
4	56303295	1	Fuse Block	39	56412177	1	Horn / Backup Alarm
5	56410044	1	Fuse, 250 Amp (F4)	40	56002124	1	Scr, Pan Phil 10-24 x .62
6	56413067	1	Disconnect, Battery (#29-38)	41	56002768	1	Scr, Hex Nyl Loc 10-24
7	56413631	1	Electrical Component Assembly (#9-28) NOTE 1	42	56003710	2	Scr, Hex Type 1 3/8-16 x .75
	56381084	1	Electrical Component Assembly (#9-28) NOTE 2	43	56305053	1	Sensor, Proximity
8	56482365	1	Horn 36v (H4)	44	56413255	1	Guide, Battery, Fwd
9	56009203	1	Stud, 1/4-20	45	56413256	1	Guide, Battery, Rear
10	56469858	1	Electrical Mount	46	56413720	1	Plate Assy, Battery Stop, Wide
11	56002066	1	Scr, Pan Phil 1/4-20 X .62	46a	56369004	1	Bushing
12	56003698	5	Scr, Pan Phil Thd Form 8-32 X .75	46b	56413713	2	Leveler 3/8-16
13	56009033	18	Scr, Hex Thd Form 1/4-20 X .50	46c	56001954	1	Wsh, Flt SAE #10
14	56009030	1	Scr, Pan Phil Thd Form 10-24 X .38	46d	56002674	1	Scr, Pan Phil 10-24 x 1.00
15	56413041	1	Controller, 36vdc (A1)	46e	56002768	1	Nut, Hex Nyl Loc 10-24
17	56413406	1	Circuit Breaker, 3.0 Amp (Control / F1)	46f	56009252	2	Nut, Wing SS 3/8-16
18	56413407	1	Circuit Breaker, 15 Amp (Auxiliary / F2)	46g	56003537	1	Scr, Soc Shd .25 x .38 x 10-24
19	56413483	1	Main PCB Box Assembly (A2) NOTE 1	46h	56245060	1	Spring, Torsion .38 x 2
	56381049	1	Main PCB Box Assembly (A2) NOTE 2	46i	56303284	1	Bearing, Flange .375 x .250 x .188
20	56413516	1	Contact, 36vdc 200A (Main / K7) TSBUS2008-1020	46j	56413320	1	Plate, Battery Stop
21	56413622	1	Mount, Electrical	46k	56413848	1	Latch, Battery Stop
22	56413623	1	Mount, Electrical Panel	46l	56413875	1	Washer, Teflon .21 x .88 x .045
23	56413627	1	Mount, Electrical				
24	56413841	1	Edge Trim, .25	*	56409485	5	Cable, Battery
26	56413516	1	Contact, 36vdc 200A (Right Brush / K2) TSBUS2008-1020	*	56413215	1	Main, Harness TSBUS2008-986
27	56413516	1	Contact, 36vdc 200A (Vacuum / K1) TSBUS2008-996	*	56413883	5	Ferrite Bead (Found on Main harness)
28	56413516	1	Contact, 36vdc 200A (Auxiliary / K5) TSBUS2008-996	*	56413881	1	Ferrite Bead (Found on Main Harness)
29	56409444	1	Connector Assy	*	56413216	1	Harness, Traction Motor
30	56002098	1	Wsh, Flt SAE 1/4	*	56413219	1	Cable Asm, Blk 4-1
31	56002786	1	Scr, Pan Phil 1/4-20 X 1.50	*	56413220	1	Cable Asm, Red 1-3
32	56002840	1	Nut, Hex Nyl Loc-Thin 1/4-20	*	56413221	1	Cable Asm, Red 6-1
33	56002997	2	Scr, Pan Phil 1/4-20 X 1.75	*	56413222	1	Cable Asm, Red 4-1
34	56009002	2	Wsh, Flt .266 X .906 X .060	*	56478246	5	Tie, Cable
35	56046309	2	Spacer, Phenolic	*	56477613	20	Tie, Cable
				*	56413847	1	Conduit

#NOTE 1: Used on machines built before SN1000038925

#NOTE 2: Used on machines built after SN1000038924

\* = Not Shown

# = Revised or new since last update

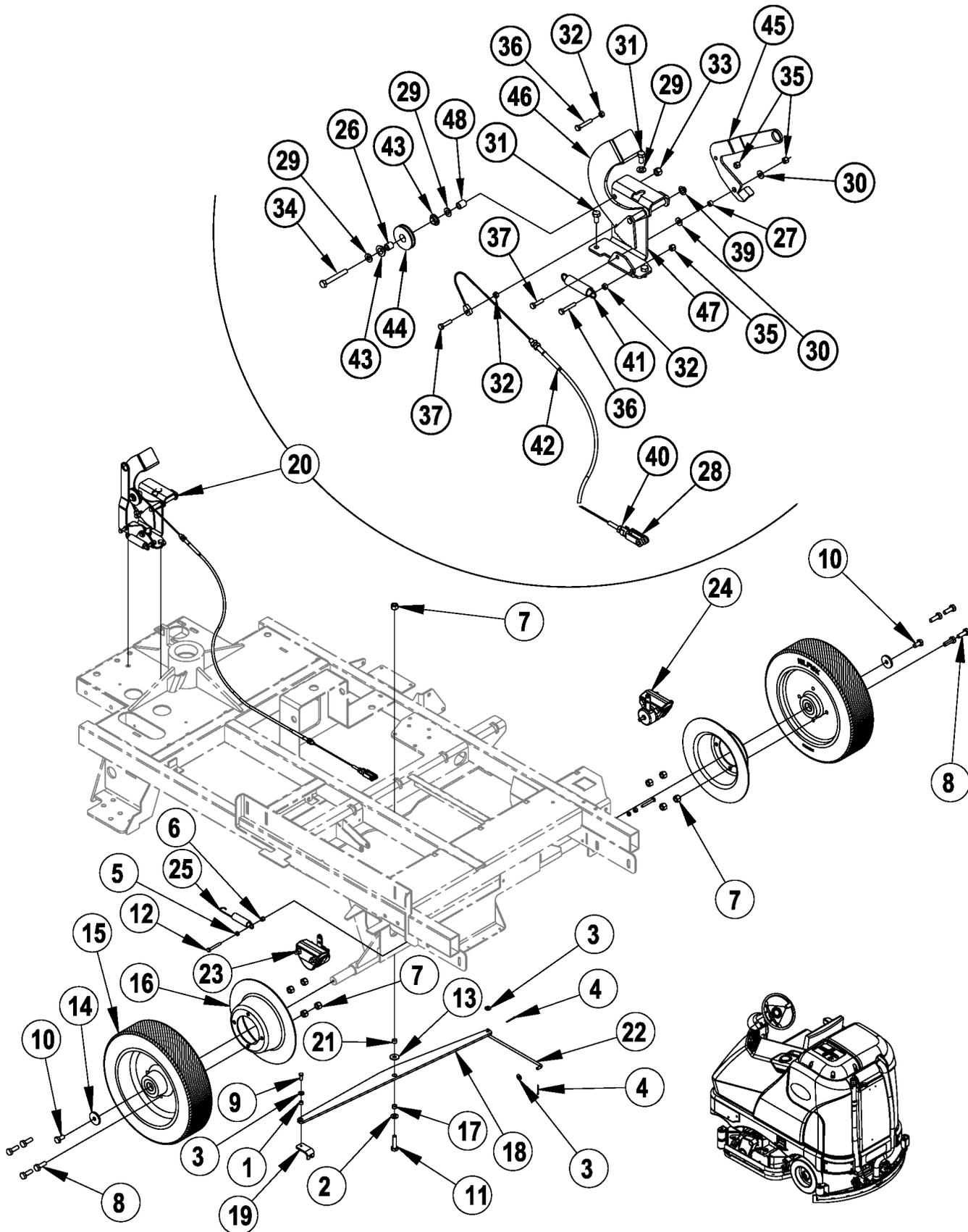


REAR WHEEL SYSTEM  
BR 1100S / BR 1300S

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09-11



08-5	<b>REAR WHEEL SYSTEM</b>			
10-3	<b>BR 1100S / BR 1300S</b>			<b>13</b>

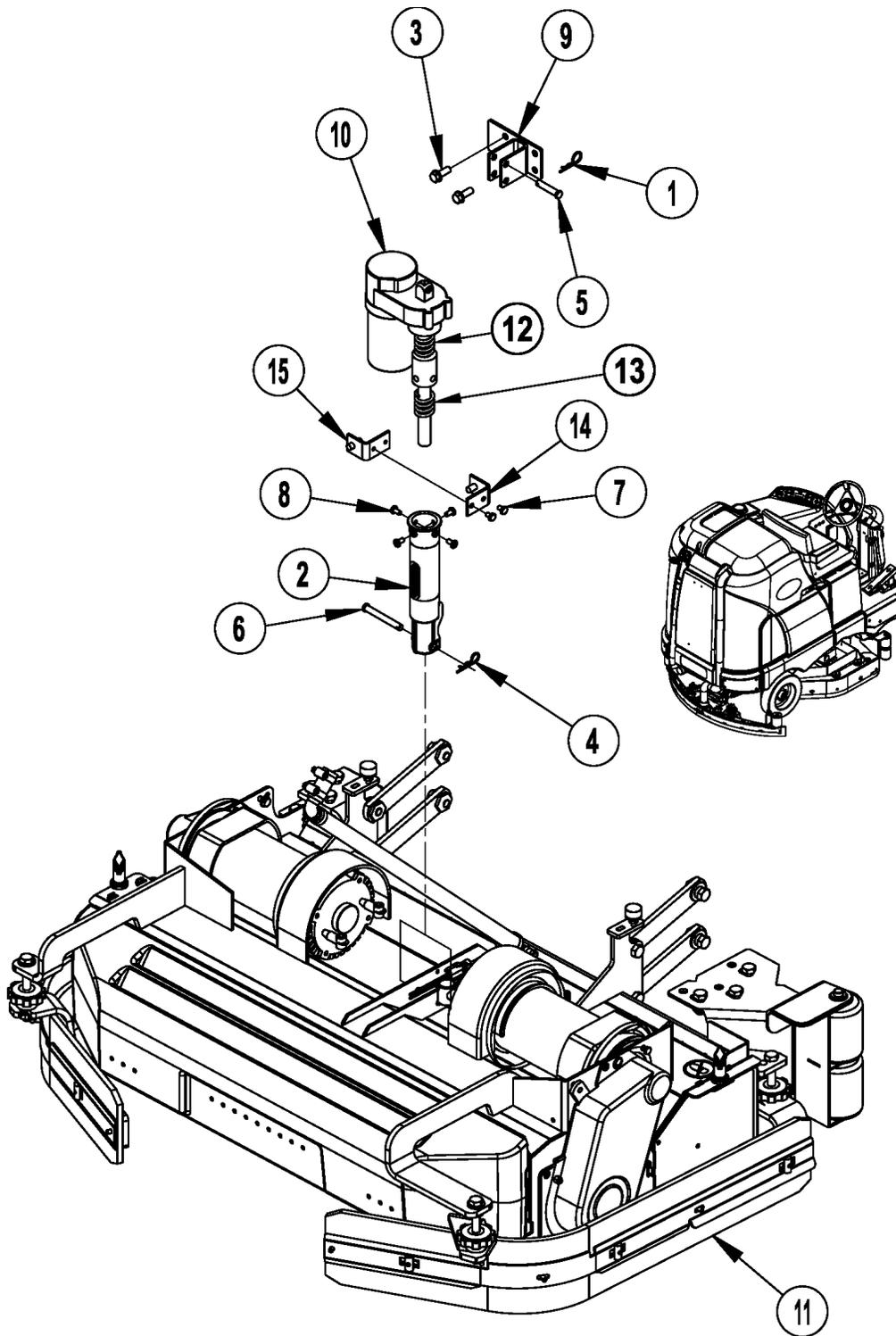
Item	Ref. No.	Qty	Description
1	56453849	1	Bushing .26 x .37 x .28
2	56002063	1	Wsh, Flt SAE 3/8
3	56002098	3	Wsh, Flt SAE 1/4
4	56001882	2	Pin, Cotter 1/16 x 3/4
5	56003350	2	Nut, Hex M6-1 <b>TSBUS2006-936 / NOTE 1</b>
6	56003403	2	Nut, Hex Nyl Loc M6-1 <b>TSBUS2006-936 / NOTE 1</b>
7	56003406	9	Nut, Hex Nyl Loc M10-1.5
8	56003439	8	Scr, Hex SS M10-1.5 x 30mm
9	56003441	1	Scr, Hex Loc M6-1 x 16mm
10	56003442	2	Scr, Hex Loc M10-1.5 x 20mm
11	56003491	1	Scr, Hex M10-1.5 x 40mm
12	56003631	2	Scr, Hex M6-1 x 45mm <b>TSBUS2006-936 / NOTE 1</b>
13	56009213	1	Wsh, Flt .392 x 1.00 x .075
14	56367117	2	Wsh, Flt .406 x 1.5 x .1875
15	56109559	2	Wheel, Rear
*	56412243	4	Ball Bearing for 56109559 (2 per wheel) <b>TSBUS2009-1043</b>
16	56413293	2	Rotor
17	56413498	1	Spacer, .390 x .500 x .280
18	56413500	1	Equalizer
19	56413501	1	Yoke
20	56413533	1	Brake Pedal Assy ( <b>#26-48</b> )
21	56413552	1	Bushing.410 x .50 x .30
22	56413598	1	Linkage, Brake
23	56413025	1	Brake-CW <b>TSBUS2006-936 / TSBUS2007-970</b>
24	56413024	1	Brake-CCW <b>TSBUS2006-936 / TSBUS2007-970</b>
25	56413812	2	Spring, Extension <b>TSBUS2006-936</b>
26	56228052	1	Bushing
27	56413888	1	Bushing
28	56407133	1	Yoke, Clevis
29	56001939	3	Wsh, Flt SAE 5/16
30	56002098	2	Wsh, Flt SAE 1/4
31	56002929	3	Scr, Hex Hd Loc 5/16-18 x .62
32	56003350	3	Nut, Hex M6-1
33	56003389	1	Nut, Hex Nyl Loc M8-1.25
34	56003398	1	Scr, Hex M8-1.25 x 60mm
35	56003403	3	Nut, Hex Nyl Loc M6-1
36	56003420	2	Scr, Hex M6-1 x 35mm
37	56003430	2	Scr, Hex SS M6-1 x 25mm
39	56009123	1	Nut, Push Cap 3/8
40	56009142	1	Nut, Hex Machine 1/4-28
41	56397348	1	Spring, Extension
42	56413208	1	Cable Assy
43	56413211	2	Bearing, Flange .625 x .500 x .250
44	56413508	1	Pulley
45	56413527	1	Pawl
46	56413534	1	Brake Pedal Weld't.
47	56413538	1	Bracket, Brake Pedal
48	56413787	1	Spacer

**NOTE 1:** Machines built after serial number 1959307 have a modified chassis which eliminates the need for these hardware items.



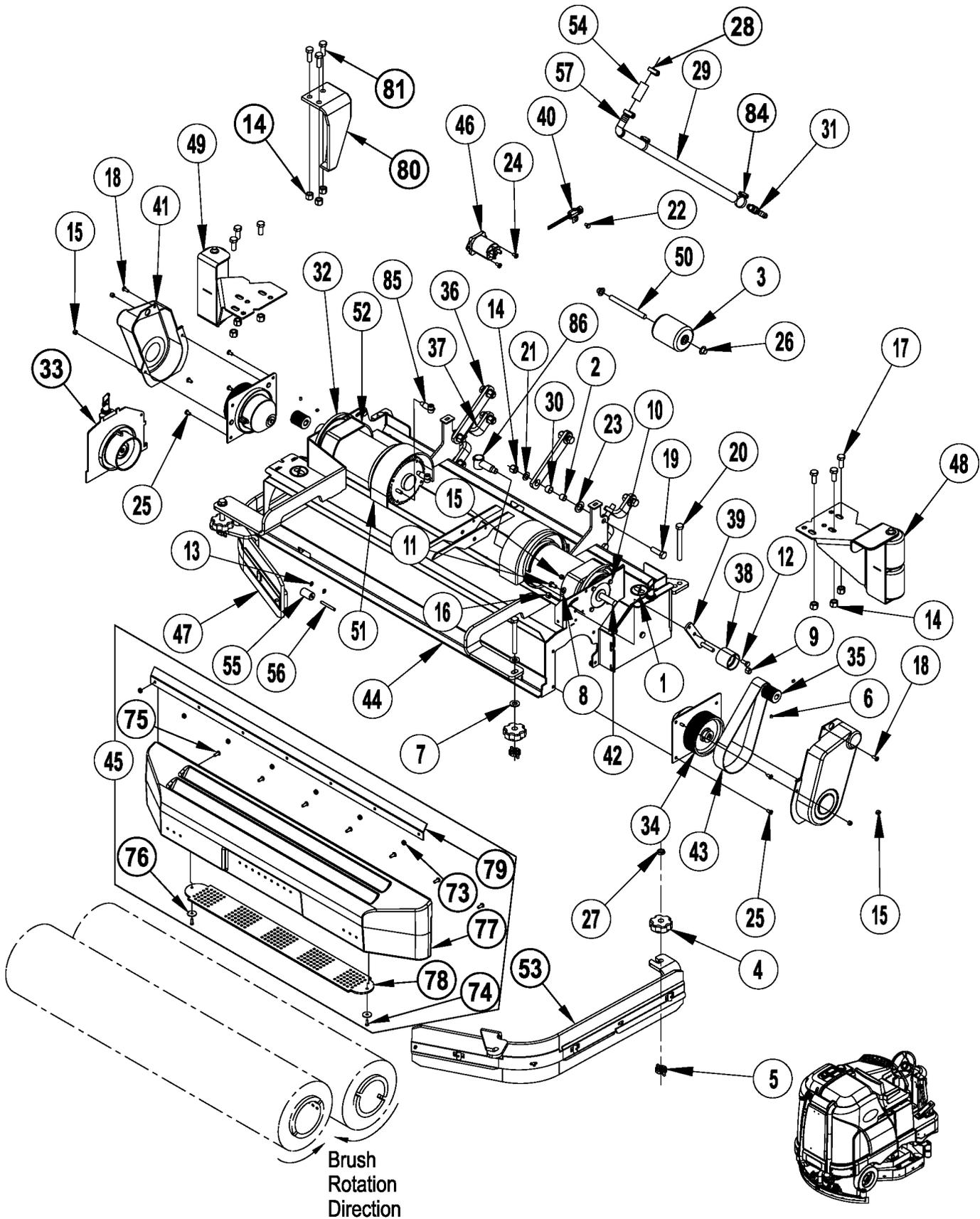
Item	Ref. No.	Qty	Description	Item	Ref. No.	Qty	Description
1	56391807	1	Foam, Acoustical	32	56413196	1	Top Cover Assy ( <b>50-61</b> )
2	56001939	3	Wsh, Flt SAE 5/16	33	56413218	1	Harness, Recovery Tank
3	56002066	4	Scr, Pan Phil 1/4-20 x .62	34	56413377	1	Hose, Squeegee Vac
4	56002507	1	Scr, Pan Phil 1/4-20 x .75	35	56413404	2	Arm, Lid Hinge
5	56002098	2	Wsh, Flt SAE 1/4	36	56413555	1	Hinge Plate, Right
6	56002624	1	Scr, Soc Shd .38 x 1.25 x 5/16-18	37	56413577	1	Panel, Exhaust
7	56002708	5	Nut, Hex Nyl Loc 1/4-20	38	56413589	1	Prop
8	56002786	5	Scr, Pan Phil 1/4-20 x 1.50	39	56413606	1	Bumper, Right Rear
9	56002788	4	Scr, Pan Phil 1/4-20 x 2.25	40	56413607	1	Bumper, Left Rear
10	56002859	4	Wsh, Flt SAE SS 1/4	41	56413699	1	Gasket, Recovery Lid
11	56002896	8	Scr, Pan Phil SS 10-24 x .62	42	56413458	1	Plate, Cable Mount
12	56002938	4	Wsh, Flt SAE SS 5/16	43	56413723	1	Cable Assembly
13	56002989	4	Scr, Pan Phil SS 1/4-20 x .62	44	56413800	3	Bushing .32x.50x.18
14	56003003	2	Scr, Pan Phil 5/16-18 X .62	45	56413801	1	Bushing .32x.50x.35
15	56003012	4	Scr, Hex SS 5/16-18 X .75	46	56440213	1	Clamp, Hose SAE #32
16	56003014	4	Scr, Pan Phil Ss 5/16-18 X .75	47	56456797	2	Clamp, Hose SAE #36
17	56003696	4	Wsh, Flt SS .33 X 1.00 X.060	48	56477613	1	Tie, Cable
18	56009225	4	Wsh, Fender .281x1.50x.074	49	56478246	1	Tie, Cable
19	56212236	4	Clamp, Plastic	50	56324497	2	Cage, Float
20	56314488	1	Muffler, Vac	51	56391690	1	Ball, Float
21	56314760	1	Gasket, Vacuum Duct	52	56009191	2	Scr, Pan Phil Plastite 10-14 X .50
22	56315141	2	Mount, Vibration	53	56009210	2	Scr, Pan Phil Type B 1/4-14 X .62
23	56368989	1	Bushing	54	56314400	1	Wire Rope, 9 Inch
24	56410065	1	Vac Motor Assy ( <b>M5</b> )	55	56109539	1	Vac Filter Lid <b>NOTE 1</b>
25	56413091	1	Lid, Recovery Tank	57	56413155	1	Top, Recovery Tank
26	56413150	1	Tank, Recovery	58	56413194	1	Screen, Filter
27	56601408	1	Drain Hose	59	56413195	1	Filter
*	56601411	1	Drain Hose Cap Kit	60	56413408	1	Plate, Vac Cover
28	56413163	1	Mount, Recovery Tank	61	56413416	1	Gasket, Vac Fan Top
29	56413171	1	Hose, Vac 2.00 X 42.00 X 975018	62	56413846	1	Gasket, RS Strip
30	56413187	2	Gasket, Vac Fan	63	56009002	5	Wsh, Flt .266 x .906 x .060
31	56413191	1	Plate, Vac Fan				

**NOTE 1:** 56314461 and 56314491 are no longer used in production. If you need to replace either of these items please order 56109539.



**SCRUB SYSTEM-CYLINDRICAL**  
**BR 1100S / BR 1300S**

Item	Ref. No.	Qty	Description
1	56002959	1	Pin, Cotter Hair
2	56412262	1	Housing, Spring
3	56002256	2	Scr, Hex Type 1 3/8-16 X 1.00
4	56003120	1	Pin, Cotter Hair .0915 X .375
5	56003597	1	Pin, Clevis .375 X 1.75
6	56003704	1	Pin, Clevis .38 X 3.00
7	56009019	2	Scr, Hex Thd Form 1/4-20 X .38
8	56009062	4	Scr, Pan Phil Thd Form 1/4-20 X .50
9	56413455	1	Mount Weldment
10	56413700	1	Actuator <b>(M2)</b>
11	56413788	1	40" Cyl Scrub Assembly <b>(BR 1100SC)</b>
	56413792	1	48" Cyl Scrub Assembly <b>(BR 1300SC)</b>
12	56413828	1	Spring, Upper Housing
13	56413829	1	Spring, Lower Housing
14	56420019	1	Nut Retainer
15	56420020	1	Nut Retainer



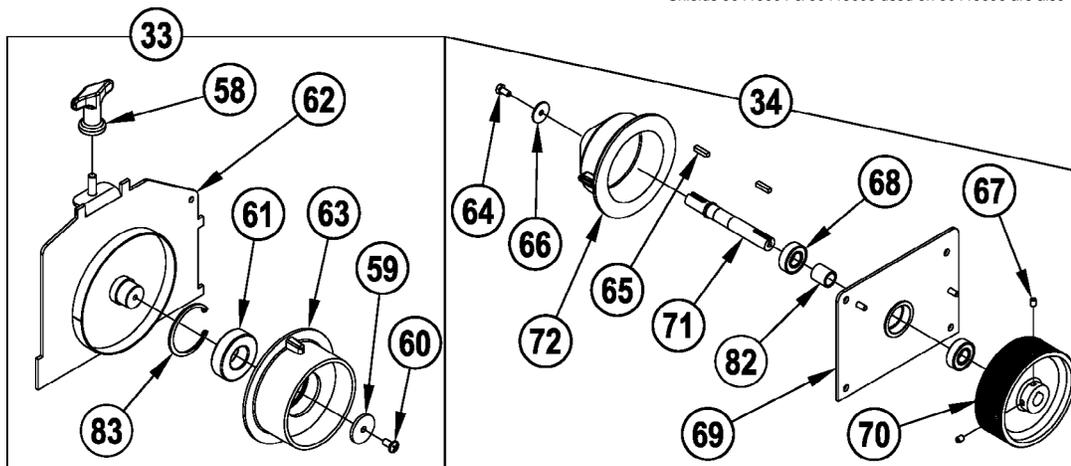
Item	Ref. No.	Qty	Description	Item	Ref. No.	Qty	Description
	56413788	1	40" Cyl Scrub Assembly (BR 1100SC)	44	56413247	1	Cyl Scrub Deck Weld't-40 (BR 1100SC)
	56413792	1	48" Cyl Scrub Assembly (BR 1300SC)		56413344	1	Cyl Scrub Deck Weld't-48 (BR 1300SC)
1	56016163	2	Decal, No Step	45	56413331	1	Hopper Assembly-40 (BR 1100SC) (73-79)
2	56367206	8	Bushing		56413346	1	Hopper Assembly-48 (BR 1300SC) (73-79)
3	56407006	2	Wheel, Roller	46	56413516	1	Contactora, 36vdc 200A (K3) TSBUS2008-1020
4	56380149	4	Knob TSBUS2010-1060	47	56413871	1	Left Skirt Assembly (BR 1100SC)
5	56407334	4	Knob		56413556	1	Left Skirt Assembly (BR 1300SC)
6	56001841	4	Scr, Soc Set Loc 1/4-20 X .25	48	56413578	1	Right Guard Assy
7	56001879	4	Wsh, Fit SAE 1/2	49	56413584	1	Left Guard Assy (BR 1300SC)
8	56002063	2	Wsh, Fit SAE 3/8	50	56413596	2	Pin
9	56002769	2	Nut, Hex Nyl Loc 3/8-16	51#			No Longer Used
10#	56003179	8	Scr-Hex Thd to Hd M8-1.25 x 20mm	52#			No Longer Used
11	56003178	2	Scr, Hex M8-1.25 X 16mm	53	56413609	1	Right Skirt Assembly
12	56003179	2	Scr, Hex Thd To Hd M8-1.25 X 20mm	54	56413813	1	Hose, .75 Clear Pvc
13	56003268	4	Ring, Ret Ext Type E Reinf. 0.25 Dia	55	56413817	2	Roller, Rear
14	56003312	14	Nut, Hex Nyl Loc M12-1.75	56	56413818	2	Pin
15	56003403	6	Nut, Hex Nyl Loc M6-1	57	56900272	1	Barb, 3/4 90 Deg. Elbow
16	56003405	2	Nut, Hex Nyl Loc SS M8-1.25	58	56370711	1	Nut, Thumb
17	56003418	6	Scr, Hex M12-1.75 X 30mm	59	56009199	1	Wsh, Fit Brass .266 x 1.250 x .125
18	56003627	2	Scr, Pan Phil M6-1 X 16mm	60	56009069	1	Scr, Pan Phil Loc 1/4-20 X .50
19	56003637	8	Scr, Hex M12-1.75 X 40mm	61	56111531	1	Bearing- Ball NOTE 1
20	56003707	4	Scr, Hex Thd To Hd M12-1.75 X 110mm	62	56413267	1	Broom Hanger Weld't (Used before May 2010)
21	56009017	8	Wsh, Fit Harden .516x.938 X.75		56109572	1	Broom Hanger (Used after April 2010)
22	56009019	1	Scr, Hex Thd Form 1/4-20 X .38	63	56109690	1	Idler, Brush NOTE 1 (TSBUS2009-1048)
23	56009022	8	Wsh, Fit .754 X 1.250 X .120	64	56003155	1	Scr, Hex M6-1 X 12mm
24	56009062	2	Scr, Pan Phil Thd Form 1/4-20 X .50	65	56003238	2	Key, Sq .19 X .78
25	56009069	8	Scr, Pan Phil Loc 1/4-20 X .50	66	56009060	1	Wsh, Fit SS .260 X 1.000 X .074
26	56009097	4	Nut, Push Cap 1/2	67	56002930	2	Scr, Soc Set Loc 1/4-20 X .38
27	56009258	4	Nut, Hex Jam M12-1.75	68	56303050	2	Bearing, Ball
28	56112771	4	Clamp, Hose SAE #10	69	56413276	1	Broom Hanger Weld't (Used before May 2010)
29	56303394	1	Hose, Spiral .75 x 25.00		56109573	1	Broom Hanger (Used after April 2010)
30	56304586	8	Bearing .750 X .625 X .500	70	56413284	1	Sheave, Poly V
31	56305760	1	Tee, Barb 3/4 X 1/2 X 1/2	71	56413620	1	Shaft, Broom Drive Lug
32#			No Longer Used	72	56109628	1	Drive Lug
33	56413269	2	Broom Idler Assy (58-63, 83)	73	56002850	7	Nut, Hex Nyl Loc-Thin Ss 1/4-20
34	56413275	2	Broom Drive Lug Assy (64-72, 82)	74	56002896	2	Scr, Pan Phil SS 10-24 X .62
35	56413285	2	Sheave, Poly V	75	56002989	7	Scr, Pan Phil SS 1/4-20 X .62
36	56413302	2	Arm Parallel 6 In	76	56009060	2	Wsh, Fit SS .260 X 1.000 X .074
37	56413303	2	Arm, Adjustable Assy	77	56413333	1	Hopper, 40 In. (BR 1100SC)
38	56413324	2	Idler		56413348	1	Hopper, 48 In. (BR 1300SC)
39	56413325	2	Tensioner Weld't	78	56413338	1	Screen, Hopper-40 In. (BR 1100SC)
40	56413393	1	Resistor Assy, 10k Ohm (BR 1100SC / R2)		56413349	1	Screen, Hopper-48 In. (BR 1300SC)
	56413391	1	Resistor Assy, 40k Ohm (BR 1300SC / R2)	79	56413339	1	Threshold, Hopper-40 In. (BR 1100SC)
41	56413395	2	Guard, Belt		56413350	1	Threshold, Hopper-48 In. (BR 1300SC)
42#	56380617	2	Motor, 36vdc 1.5 Hp (M9 / M10) NOTE 2	80	56413831	1	Roll Bar Weld't. (BR 1100SC only)
*#	56381479	1	Kit Brush Amer Motor (for 56380617)	81	56003415	3	Scr, Hex M12-1.75 x 35mm (BR 1100SC only)
*#	56413628	1	Brush & Spring Kit (for obsolete motor 56413398)	82	56413877	1	Spacer
43	56413419	2	Belt, 260j16	83	56003314	1	Ring, Retainer NOTE 1
				84	56244969	1	Clamp, Hose SAE #12
				85	56409538	3	Insulator, Terminal
				86	56493357	1	Insulator, Terminal

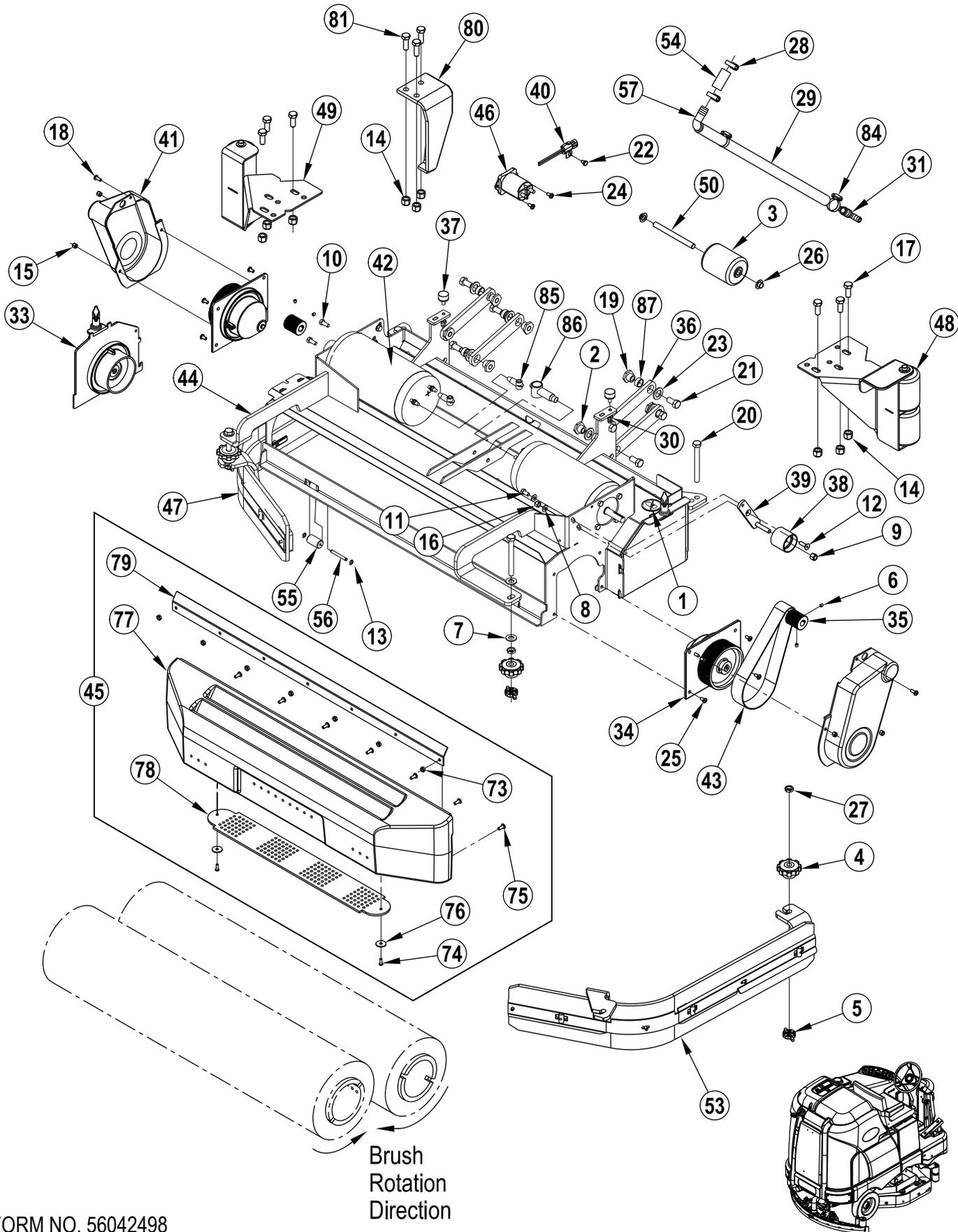
\* = Not Shown

# = Revised or new since last update

NOTE 1: If you need to replace these items before SN 1000022903 please order Broom Kit 56414000.

NOTE 2: Brush motor 56413398 is no longer used in production and replaced by 56380617. The Water Shields 56413604 &amp; 56413605 used on 56413398 are also obsolete.





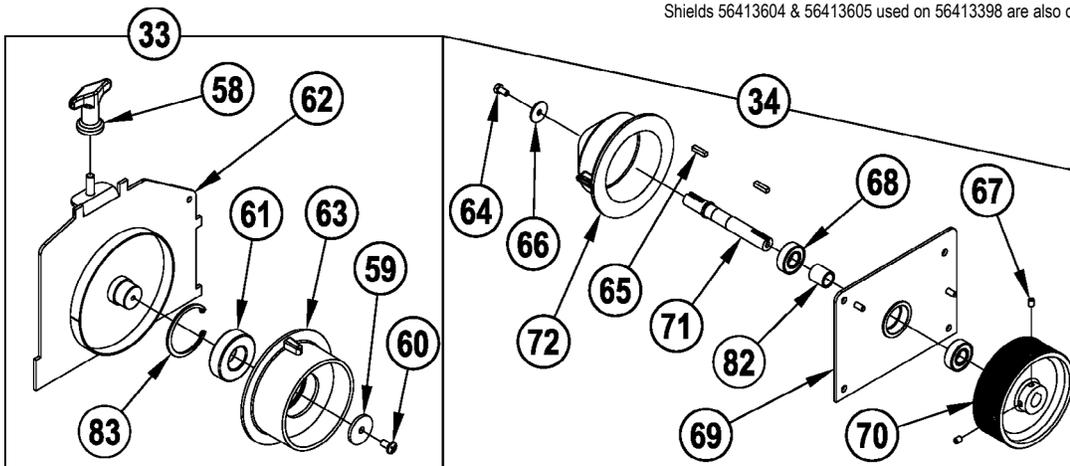
Item	Ref. No.	Qty	Description	Item	Ref. No.	Qty	Description
	56413788	1	40" Cyl Scrub Assembly (BR 1100SC)	44	56413247	1	Cyl Scrub Deck Weld't-40 (BR 1100SC)
	56413792	1	48" Cyl Scrub Assembly (BR 1300SC)		56413344	1	Cyl Scrub Deck Weld't-48 (BR 1300SC)
1	56016163	2	Decal, No Step	45	56413331	1	Hopper Assembly-40 (BR 1100SC) (73-79)
2	56380646	2	Bushing Cam		56413346	1	Hopper Assembly-48 (BR 1300SC) (73-79)
3	56407006	2	Wheel, Roller	46	56413516	1	Contact, 36vdc 200A (K3) TSBUS2008-1020
4	56380149	4	Knob TSBUS2010-1060	47	56413871	1	Left Skirt Assembly (BR 1100SC)
5	56407334	4	Knob		56413556	1	Left Skirt Assembly (BR 1300SC)
6	56001841	4	Scr, Soc Set Loc 1/4-20 X .25	48	56413578	1	Right Guard Assy
7	56001879	4	Wsh, Flt SAE 1/2	49	56413584	1	Left Guard Assy (BR 1300SC)
8	56001939	4	Wsh, Flt SAE 5/16	50	56413596	2	Pin
9	56002769	2	Nut, Hex Nyl Loc 3/8-16	51#			DELETED
10#	56003179	8	Scr-Hex Thd to Hd M8-1.25 x 20mm	52#			DELETED
11	56003178	2	Scr, Hex M8-1.25 X 16mm	53	56413609	1	Right Skirt Assembly
12	56002159	2	Scr-Fit Soc 5/16-18 x 1.00	54	56413813	1	Hose, .75 Clear Pvc
13	56003268	4	Ring, Ret Ext Type E Reinf. 0.25 Dia	55	56413817	2	Roller, Rear
14	56003312	6	Nut, Hex Nyl Loc M12-1.75	56	56413818	2	Pin
15	56003403	4	Nut, Hex Nyl Loc M6-1	57	56900272	1	Barb, 3/4 90 Deg. Elbow
16	56002701	2	Nut, Hex Nyl Loc 5/16-18	58	56370711	1	Nut, Thumb
17	56003418	6	Scr, Hex M12-1.75 X 30mm	59	56009199	1	Wsh, Flt Brass .266 x 1.250 x .125
18	56003627	2	Scr, Pan Phil M6-1 X 16mm	60	56009069	1	Scr, Pan Phil Loc 1/4-20 X .50
19	56380614	6	Bushing, 1/2-20 x 3/4 Od	61	56111531	1	Bearing- Ball NOTE 1
20	56003707	4	Scr, Hex Thd To Hd M12-1.75 X 110mm	62	56109572	1	Broom Hanger
21	56003485	8	Scr, Hex 1/2-20 x 1.00	63	56109690	1	Idler, Brush NOTE 1 (TSBUS2009-1048 / TSBUS2010-1070)
22	56009019	1	Scr, Hex Thd Form 1/4-20 X .38	64	56003155	1	Scr, Hex M6-1 X 12mm
23	56009022	8	Wsh, Flt .754 X 1.250 X .120	65	56003238	2	Key, Sq. 19 X .78
24	56009062	2	Scr, Pan Phil Thd Form 1/4-20 X .50	66	56009060	1	Wsh, Flt SS .260 X 1.000 X .074
25	56009069	8	Scr, Pan Phil Loc 1/4-20 X .50	67	56002930	2	Scr, Soc Set Loc 1/4-20 X .38
26	56009097	4	Nut, Push Cap 1/2	68	56303050	2	Bearing, Ball
27	56009258	4	Nut, Hex Jam M12-1.75	69	56109573	1	Broom Hanger
28	56112771	4	Clamp, Hose SAE #10	70	56413284	1	Sheave, Poly V TSBUS2010-1070
29	56303394	1	Hose, Spiral .75 x 25.00	71	56413620	1	Shaft, Broom Drive Lug
30	56009086	2	Nut, Hex Jam 5/16-18	72	56109628	1	Drive Lug TSBUS2010-1070
31	56305760	1	Tee, Barb 3/4 X 1/2 X 1/2	73	56002850	7	Nut, Hex Nyl Loc-Thin Ss 1/4-20
32#			DELETED	74	56002896	2	Scr, Pan Phil SS 10-24 X .62
33	56413269	2	Broom Idler Assy (58-63, 83)	75	56002989	7	Scr, Pan Phil SS 1/4-20 X .62
34	56413275	2	Broom Drive Lug Assy (64-72, 82)	76	56009060	2	Wsh, Flt SS .260 X 1.000 X .074
35	56413285	2	Sheave, Poly V TSBUS2010-1070	77	56413333	1	Hopper, 40 In. (BR 1100SC)
36	56380153	4	Arm Parallel 6 In TSBUS2010-1070		56413348	1	Hopper, 48 In. (BR 1300SC)
37	56413714	2	Bumper, Rubber	78	56413338	1	Screen, Hopper-40 In. (BR 1100SC)
38	56413324	2	Idler		56413349	1	Screen, Hopper-48 In. (BR 1300SC)
39	56413325	2	Tensioner Weld't	79	56413339	1	Threshold, Hopper-40 In. (BR 1100SC)
40	56413393	1	Resistor Assy, 10k Ohm (BR 1100SC / R2)		56413350	1	Threshold, Hopper-48 In. (BR 1300SC)
	56413391	1	Resistor Assy, 40k Ohm (BR 1300SC / R2)	80	56413831	1	Roll Bar Weld't. (BR 1100SC only)
41	56413395	2	Guard, Belt	81	56003415	3	Scr, Hex M12-1.75 x 35mm (BR 1100SC only)
42#	56380617	2	Motor, 36vdc 1.5 Hp (M9 / M10) NOTE 2	82	56413877	1	Spacer
*#	56381479	1	Kit Brush Amer Motor (for 56380617)	83	56003314	1	Ring, Retainer NOTE 1
*#	56413628	1	Brush & Spring Kit (for obsolete motor 56413398)	84	56244969	1	Clamp, Hose SAE #12
43	56413419	2	Belt, 260j16	85	56409538	3	Insulator, Terminal
				86	56493357	1	Insulator, Terminal
				87	56380646	8	Bearing .875 x .572 x .375

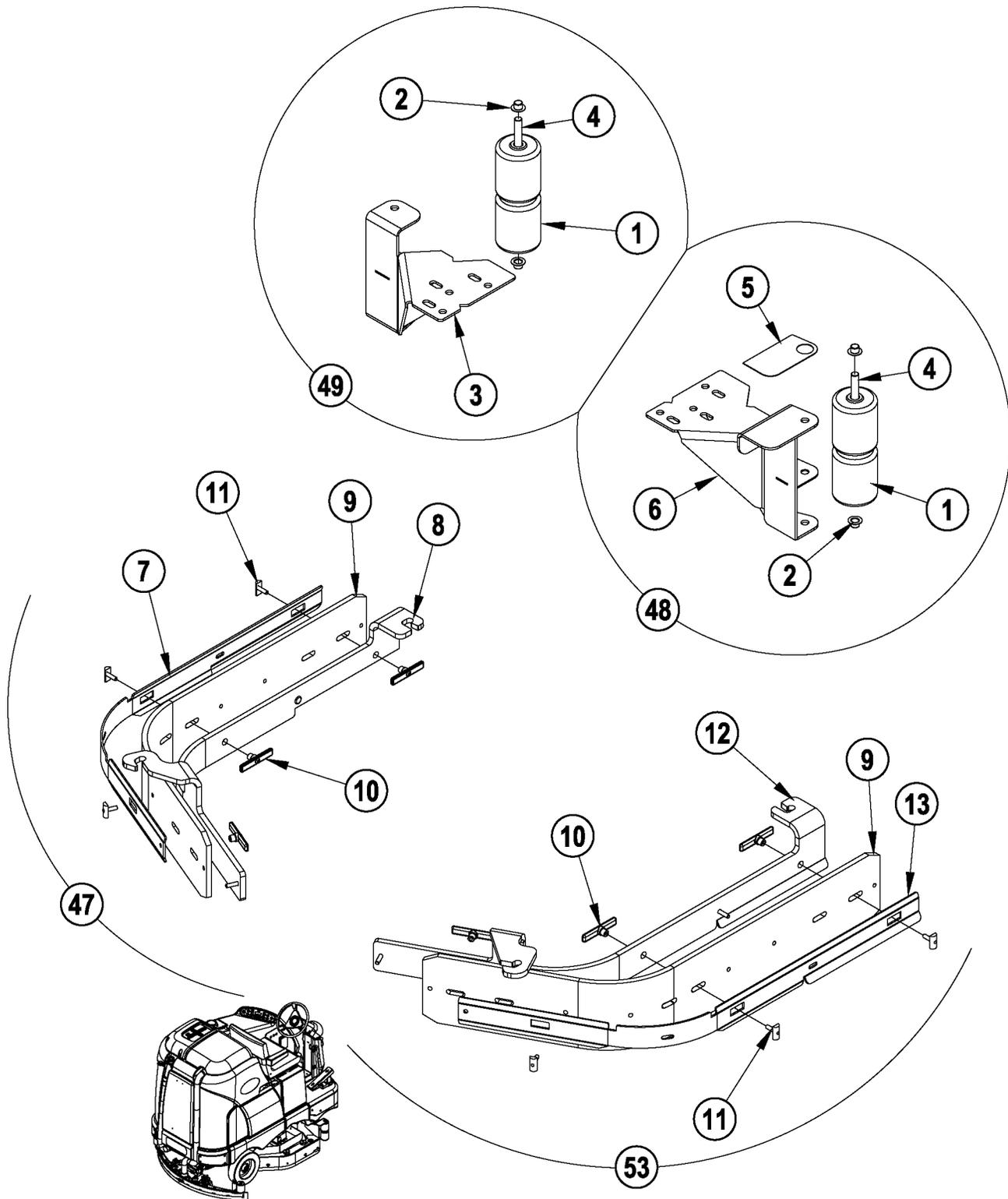
\* = Not Shown

# = Revised or new since last update

NOTE 1: If you need to replace these items before SN 1000022903 please order Broom Kit 56414000.

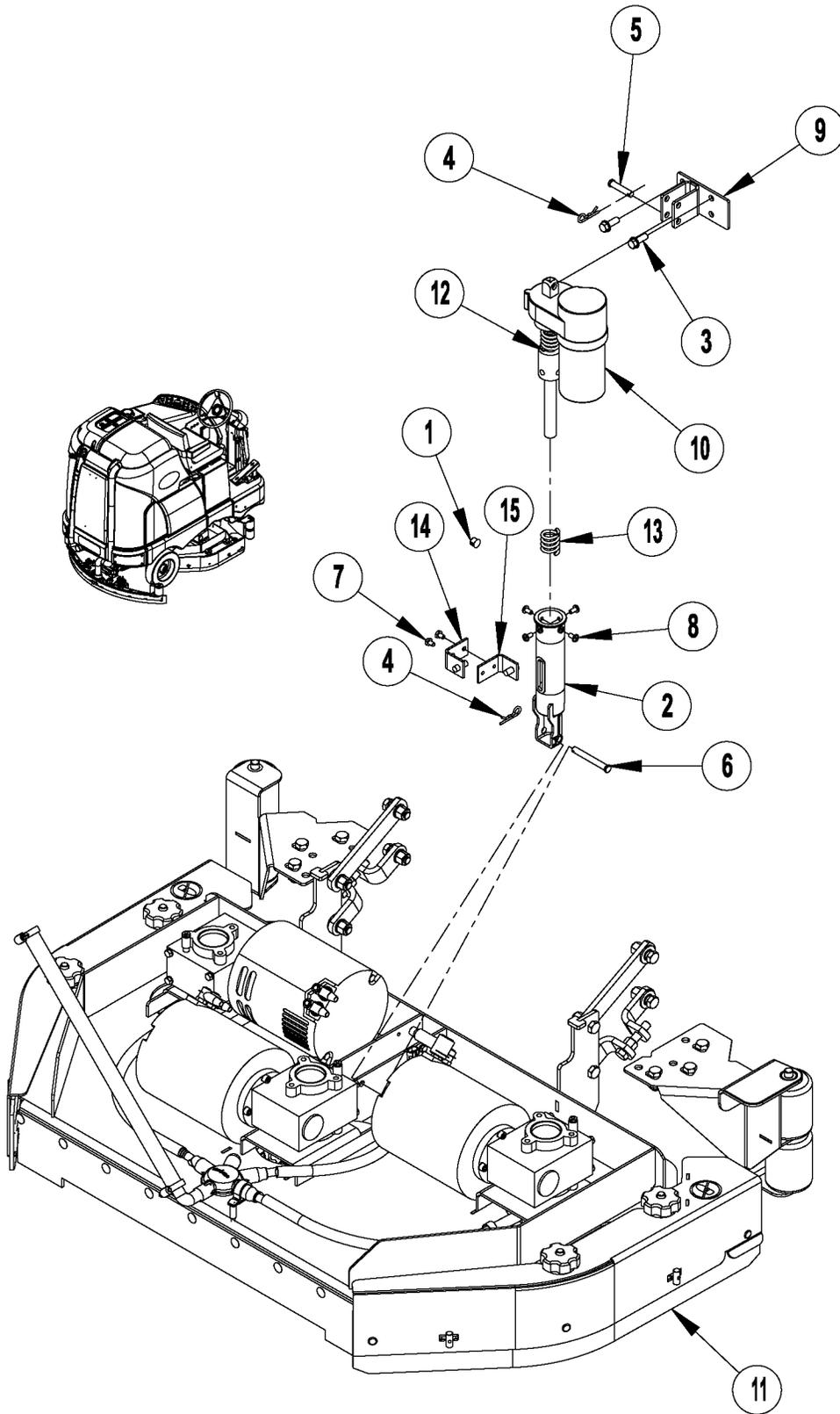
#NOTE 2: Brush motor 56413398 is no longer used in production and replaced by 56380617. The Water Shields 56413604 &amp; 56413605 used on 56413398 are also obsolete.





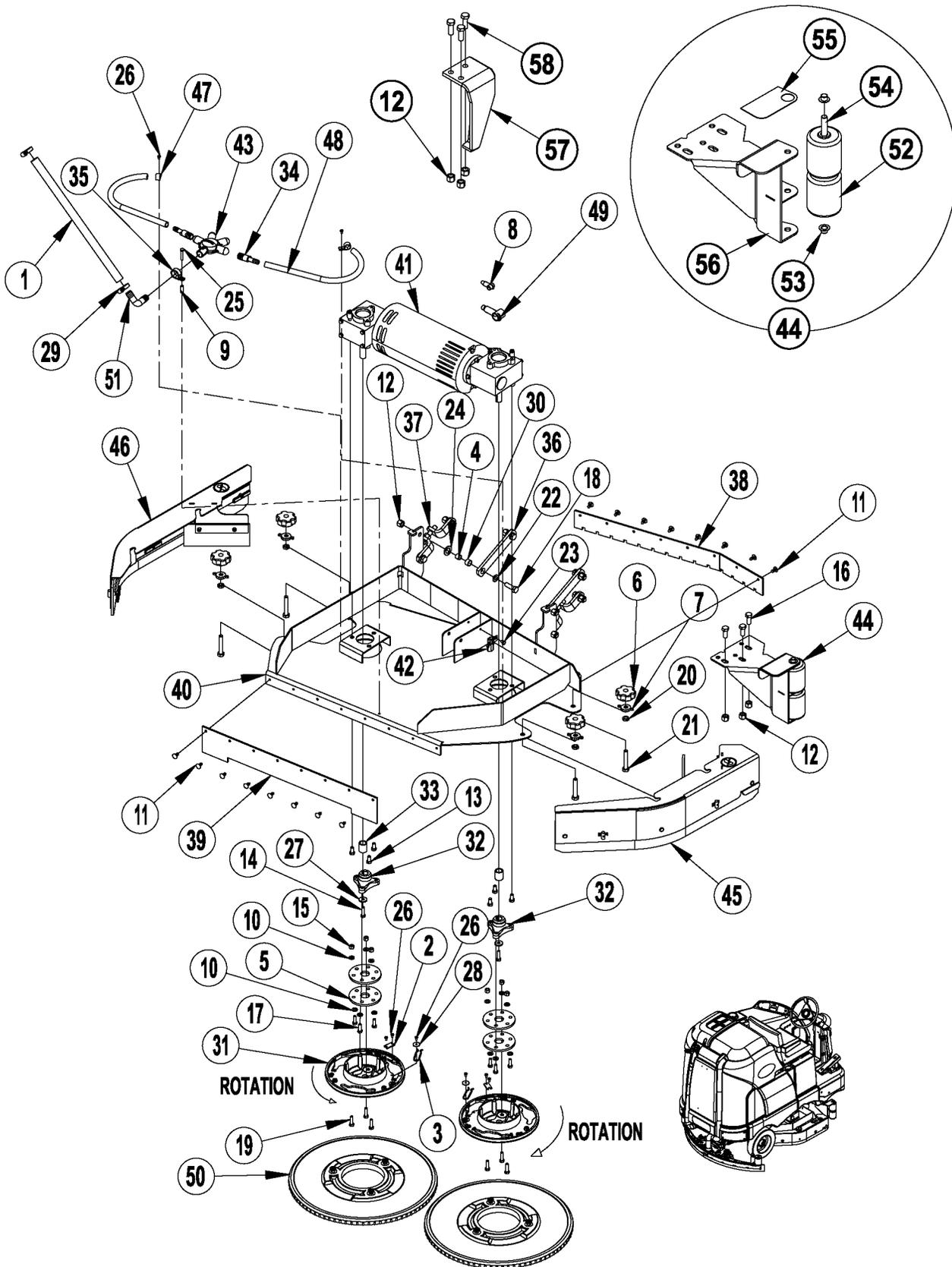
Item	Ref. No.	Qty	Description
47	56413871	1	Left Skirt Assembly (#7-11 / BR 1100SC only) Page 18
47	56413556	1	Left Skirt Assembly (#7-11 / BR 1300SC only) Page 18
48	56413578	1	Right Guard Assy (#1, 2, 4, 5, 6) Page 18
49	56413584	1	Left Guard Assy (#1-4 / BR 1300SC only) Page 18
53	56413609	1	Right Skirt Assembly (#9-13) Page 18
1	56407006	4	Wheel, Roller
2	56009097	4	Nut, Push cap 1/2
3	56413571	1	Left guard Weld't.
4	56413590	2	Pin
5	56413721	1	Grip Surface
6	56413837	1	Right Guard Weld't.
7	56413860	1	Strap, Skirt-LT
8	56413872	1	Left Bracket Weld't.-40" (BR 1100SC)
	56413858	1	Left Bracket Weld't.-48" (BR 1300SC)
9	56413654	2	Skirt, Linatex
**	56413820	2	Skirt, Gum Rubber
**	56413743	2	Skirt, Polyurethane
10	56413717	6	Thumb Nut
11	56413850	6	Skirt Retainer Assy
12	56413854	1	Right Bracket Weld't.
13	56413857	1	Strap, Skirt-RT

\*\* = Optional, Not Included



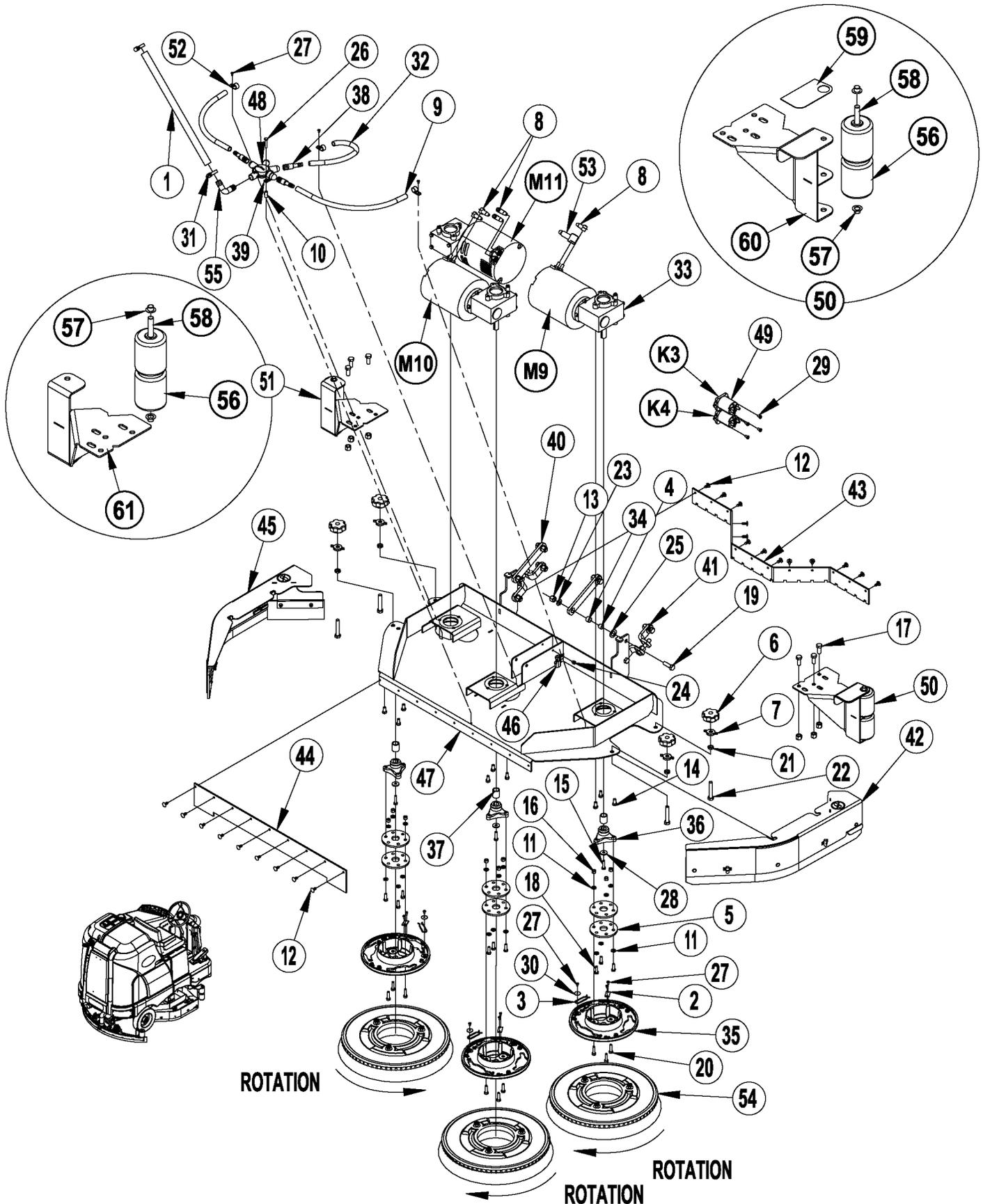
**SCRUB SYSTEM-DISK**  
**BR 1100S / BR 1300S**

Item	Ref. No.	Qty	Description
1	56323560	1	Plug, Cap
2	56412262	1	Housing, Spring
3	56002256	2	Scr, Hex Type 1 3/8-16 X 1.00
4	56003222	2	Pin, Cotter Hair
5	56003597	1	Pin, Clevis .375 X 1.75
6	56003704	1	Pin, Clevis .38 X 3.00
7	56009019	2	Scr, Hex Thd Form 1/4-20 X .38
8	56009062	4	Scr, Pan Phil Thd Form 1/4-20 X .50
9	56413455	1	Mount Weldment
10	56413700	1	Actuator <b>(M2)</b>
11	56413793	1	BR 1100S Scrub Assembly <b>(BR 1100S)</b>
	56413791	1	48" Disk Scrub Assembly <b>(BR 1300S)</b>
12	56413828	1	Spring, Upper Housing
13	56413829	1	Spring, Lower Housing
14	56420019	1	Nut Retainer
15	56420020	1	Nut Retainer



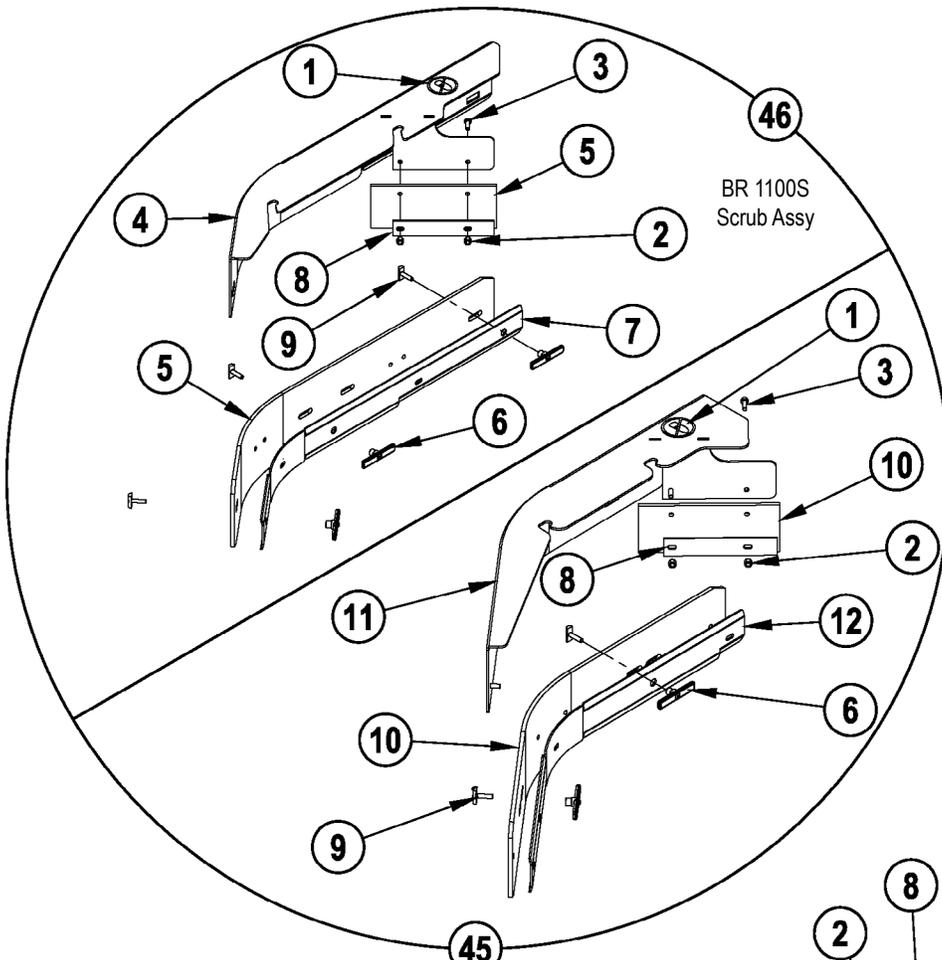
Item	Ref. No.	Qty	Description	Item	Ref. No.	Qty	Description
	56413793	1	BR 1100S Scrub Assembly	31	56314030	2	Brush Holder
1	56264262	1	Hose	32	56314108	2	Hub, Drive
2	56366455	2	Plate, Stop	33	56314109	2	Spacer
3	56366463	2	Spring Retainer	34	56315625	2	Barb, Coupler 1/2 X 3/4
4	56367206	8	Bushing	35	56410223	1	Clamp, P
5	56407053	4	Thermoid Disk	36	56413302	2	Arm Parallel 6 In
6	56380149	4	Knob TSBUS2010-1060	37	56413303	2	Arm, Adjustable Asm
7	56407334	4	Knob	38	56413318	1	Blade, Front
8	56409538	1	Insulator, Terminal	39	56413319	1	Blade, Rear
9	56471220	1	Bushing	40	56413334	1	Weldment, 40 Disk Deck
10	56002938	12	Wsh, Flt Sae Ss 5/16	41	56413336	1	Gearbox Assembly, 20" (M9)
11	56003263	16	Rivet, Nylon Tree Push-In (.25)	*	56410182	1	Bearing B.E. (for 56413336)
12	56003312	14	Nut, Hex Nyl Loc M12-1.75	*	56410183	1	Bearing F.E. (for 56413336)
13	56002885	6	Scr, Hex SS 3/8-16 X .75	*	56412266	1	Brush Board Assy (for 56413336)
14	56003372	2	Scr, Hex Loc Ss 5/16-18 X 1.25	*	56407500	1	Brush Assy Kit (for 56413336)
15	56003405	6	Nut, Hex Nyl Loc Ss M8-1.25	*	56389395	1	Brush Spring Set (for 56413336)
16	56003418	3	Scr, Hex M12-1.75 X 30mm	*	56407196	1	Gearbox (for 56413336)
17	56003477	6	Scr, Hex Loc Ss M8-1 X 25mm	42	56413390	1	Resistor Assy, 1k Ohm (R2)
18	56003637	8	Scr, Hex M12-1.75 X 40mm	43	56413426	1	Manifold, Solution
19	56003639	6	Scr, Hex Ss M8-1.25 X 30mm	44	56413578	1	Right Guard Assy (#52-56)
20	56003657	4	Nut, Hex Jam Ss M12-1.75	45	56413737	1	Right Skirt Assembly
21	56003658	4	Scr, Hex Thd To Hd Ss M12-1.75 X 70mm	46	56413738	1	Left Skirt Assembly
22	56009017	8	Wsh, Flt Harden .516x.938 X.75	47	56442003	2	Clamp,P
23	56009019	1	Scr, Hex Thd Form 1/4-20 X .38	48	56459064	2	Hose, PVC Clear 21.00 In.
24	56009022	8	Wsh, Flt .754 X 1.250 X .120	49	56493357	1	Insulator, Terminal
25	56009028	1	Scr, Hex Thd Form 1/4-20 X 1.50	50	56505794	2	Brush Prolene 20
26	56009030	8	Scr, Pan Phil Thd Form 10-24 X .38	51	56900272	1	Barb, 3/4 90 Deg. Elbow
27	56009057	2	Wsh, Flt Harden .344x1.000x.120/.135	52	56407006	2	Wheel, Roller
28	56009096	2	Wsh, Flt .193 X .875 X .060	53	56009097	2	Nut, Push Cap 1/2
29	56112771	2	Clamp, Hose Sae #10	54	56413590	1	Pin
30	56304586	8	Bearing .750 X .625 X .500	55	56413721	1	Grip Surface
				56	56413837	1	Guard Weld't.
				57	56413831	1	Roll Bar Weld't.
				58	56003415	3	Scr, Hex M12-1.75 x 35mm

\* = Not Shown

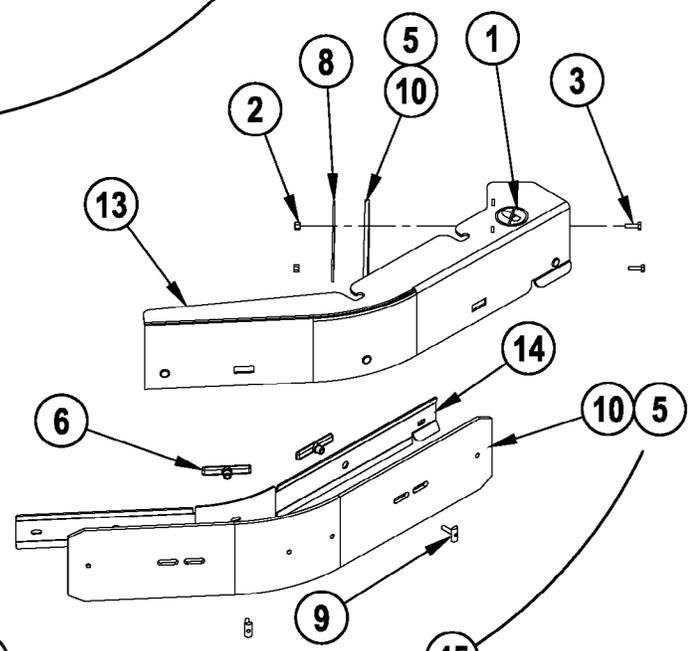


Item	Ref. No.	Qty	Description	Item	Ref. No.	Qty	Description
1	56264262	1	Hose	31	56112771	2	Clamp, Hose SAE #10
2	56366455	3	Plate, Stop	32	56380543	1	Hose PVC Clear 15.00 In.
3	56366463	3	Spring Retainer	33	56303083	3	Gearmotor (M9, M10, M11)
4	56367206	8	Bushing	*	56303444	4	Carbon Brush Assy (for 56303083)
5	56407053	6	Thermoid Disk	*	56303419	4	Brush Spring (for 56303083)
6	56380149	4	Knob TSBUS2010-1060	34	56304586	8	Bearing .750 X .625 X .500
7	56407334	4	Knob	35	56314030	3	Brush Holder
8	56409538	5	Insulator, Terminal	36	56314108	3	Hub, Drive
9	56459064	2	Hose, PVC Clear 21.00 In	37	56314109	3	Spacer
10	56471220	1	Bushing	38	56315625	3	Barb, Coupler 1/2 X 3/4
11	56002938	18	Wsh, Flt SAE SS 5/16	39	56410223	1	Clamp, P
12	56003263	22	Rivet, Nylon Tree Push-In (.25)	40	56413302	2	Arm Parallel 6 In
13	56003312	14	Nut, Hex Nyl Loc M12-1.75	41	56413303	2	Arm, Adjustable Assy
14	56002885	9	Scr, Hex SS 3/8-16 X .75	42	56413307	1	Right Skirt Assembly
15	56003372	3	Scr, Hex Loc SS 5/16-18 X 1.25	43	56413374	1	Blade Front
16	56003405	9	Nut, Hex Nyl Loc SS M8-1.25	44	56413379	1	Blade, Rear
17	56003418	6	Scr, Hex M12-1.75 X 30mm	45	56413381	1	Left Skirt Assembly
18	56003477	9	Scr, Hex Loc SS M8-1 X 25mm	46	56413392	1	Resistor Assy, 20k Ohm (R2)
19	56003637	8	Scr, Hex M12-1.75 X 40mm	47	56413396	1	Deck Weldment
20	56003639	9	Scr, Hex SS M8-1.25 X 30mm	48	56413426	1	Manifold, Solution
21	56003657	4	Nut, Hex Jam SS M12-1.75	49	56413516	2	Contactora, 36vdc 200A (K3, K4) TSBUS2008-1020
22	56003658	4	Scr, Hex Thd To Hd SS M12-1.75 X 70mm	50	56413578	1	Right Guard Assy (#56-60)
23	56009017	8	Wsh, Flt Harden .516x.938 X.75	51	56413584	1	Left Guard Assy (#56-58 & 61)
24	56009019	1	Scr, Hex Thd Form 1/4-20 X .38	52	56442003	3	Clamp,P
25	56009022	8	Wsh, Flt .754 X 1.250 X .120	53	56493357	1	Insulator, Terminal
26	56009028	1	Scr, Hex Thd Form 1/4-20 X 1.50	54	56505784	3	Brush Prolene 17
27	56009030	12	Scr, Pan Phil Thd Form 10-24 X .38	55	56900272	1	Barb, 3/4 90 Deg. Elbow
28	56009057	3	Wsh, Flt Harden .344x1.000x.120/.135	56	56407006	2	Wheel, Roller (qty per assy)
29	56009062	4	Scr, Pan Phil Thd Form 1/4-20 X .50	57	56009097	2	Nut, Push Cap 1/2 (qty per assy)
30	56009096	3	Wsh, Flt .193 X .875 X .060	58	56413590	1	Pin (qty per assy)
				59	56413721	1	Grip Surface
				60	56413837	1	Guard Weld't.
				61	56413571	1	Guard Weld't.

\* = Not Shown

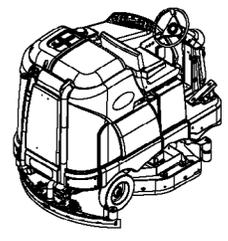


BR 1300S Scrub Assy



BR 1300S Scrub Assy

BR 1100S Scrub Assy

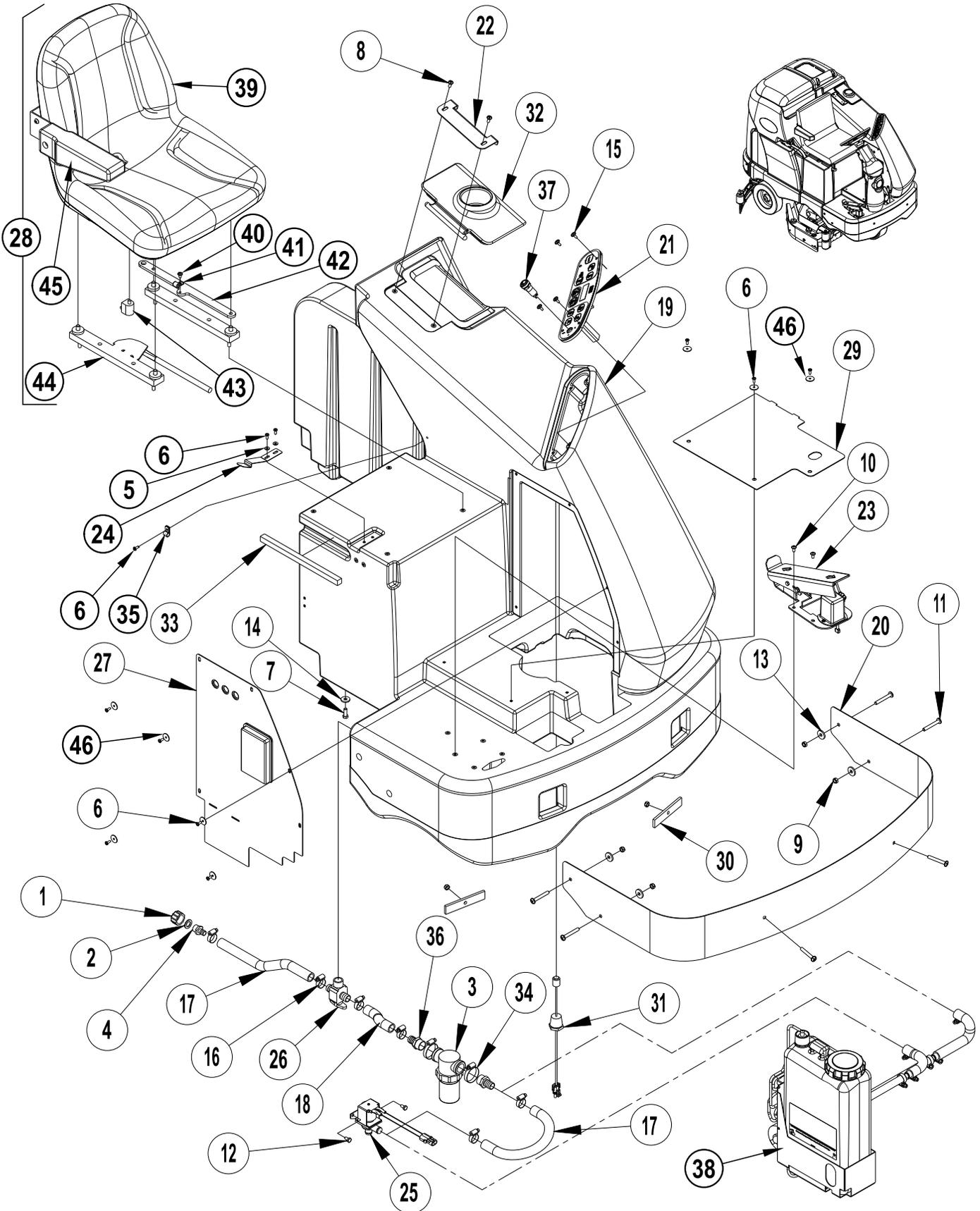


08-5	<b>SCRUB SYSTEM-DISK (skirt assemblies)</b>			
09-11	<b>BR 1100S / BR 1300S</b>			<b>31</b>

Item	Ref. No.	Qty	Description
45	56413737	1	Right Skirt Assembly (BR 1100S) Page 24
46	56413738	1	Left Skirt Assembly (BR 1100S) Page 24
42	56413307	1	Right Skirt Assembly (BR 1300S) Page 26
45	56413381	1	Left Skirt Assembly (BR 1300S) Page 26
1	56016163	1	Decal, No Step (qty per skirt assy)
2	56003426	2	Nut, Hex Nyl loc SS M6-1.00 (qty per skirt assy)
3	56003454	2	Scr, Hex Thd to Hd SS M6-1.00 x 20mm (qty per skirt assy)
4	56413314	1	Skirt Weld't. Left (BR 1100S)
5	56413768	1	Kit, Linatex 40 Disk Blade (BR 1100S) NOTE 1
**	56413767	1	Kit, Gum Rubber 40 Disk Blade (BR 1100S) NOTE 1
**	56413754	1	Kit, Polyurethane 40 Disk Blade (BR 1100S) NOTE 1
6	56413717	3	Thumb Nut (BR 1100S / qty per skirt assy)
	56413717	2	Thumb Nut (BR 1300S / qty per skirt assy)
7	56413718	1	Strap, Left (BR 1100S)
8	56413725	1	Strap (qty per skirt assy)
9	56413850	3	Skirt Retainer Assy (BR 1100S / qty per skirt assy)
	56413850	2	Skirt Retainer Assy (BR 1300S / qty per skirt assy)
10	56413770	1	Kit, Linatex (BR 1300S) Disk Blade NOTE 1
**	56413769	1	Kit, Gum Rubber (BR 1300S) Disk Blade NOTE 1
**	56413755	1	Kit, Polyurethane (BR 1300S) Disk Blade NOTE 1
11	56413389	1	Skirt Weld't. Left (BR 1300S)
12	56413712	1	Strap, Left (BR 1300S)
13	56413308	1	Skirt Weld't. Right (BR 1100S / BR 1300S)
14	56413690	1	Strap, Right (BR 1100S / BR 1300S)

\*\* = Optional, Not Included

**NOTE 1:** All scrub deck blade kits include enough blades to replace all blades on both skirt assemblies.



Item	Ref. No.	Qty	Description
1	56255076	1	Cap, Pipe Ght Nylon
2	56368776	1	Washer, Rubber
3	56407162	1	Filter
4	56900273	1	Barb
5	56001954	2	Wsh, Flt SAE #10
6	56001993	11	Scr, Pan Phil 10-24 X .50
7	56002037	4	Scr, Hex 5/16-18 X .88
8	56002066	2	Scr, Pan Phil 1/4-20 X .62
9	56002826	6	Nut, Hex Nyl Loc-Thin 5/16-18
10	56003119	5	Scr, Pan Phil SS 1/4-20 X .50
11	56003718	6	Scr, Pan Phil 5/16-18 X 2.25
12	56009033	2	Scr, Hex Thd Form 1/4-20 X .50
13	56009057	4	Wsh, Flt Harden .344x1.000x.120/.135
14	56009294	4	Wsh, Flt .354 X 1.247 X .125
15	56009206	4	Scr, Truss Phil-Blk 10-24x.50
16	56112771	6	Clamp, Hose SAE #10 (qty of 4 on EDS™ models)
17	56392193	2	Hose, .75 X 14.00 (qty of 1 on EcoFlex models)
18	56413876	1	Hose .75 X 5.50
19	56413081	1	Tank, Solution
20	56413082	1	Bumper, Front
21#	56413157	1	Touch Pad Assy (A3) NOTE 3
#	56381083	1	Touch Pad Assy (A3) NOTE 4
22	56413249	1	Mount, Lid
23	56413421	1	Pedal Assy TSBUS2008-1001
24	56413482	1	Clip
25	56413510	1	Solenoid Valve Assy
26	56413581	1	Valve, T Shutoff
27	56413594	1	Panel, Elect. Cover Asm
28	56413619	1	Seat Mounting Assembly (39-45) NOTE 1
*	56003032	1	Scr, Hex Hd loc 1/2-13 x .75 NOTE 2
*	56003119	4	Scr, Pan Phil SS 1/4-20 x .50 NOTE 2
#	56109291	1	Seat Assy NOTE 1
*	56409613	1	Switch, Seat (S2) NOTE 2
*	56409536	1	Strap NOTE 2
*	56323260	1	Clamp, Hose Support NOTE 2
*	56002507	1	Scr, Pan Phil 1/4-20 x .75 NOTE 2
29	56413624	1	Floor Plate
30	56413653	2	Mount Plate, Bumper
31	56413669	1	Switch, Liquid Level (S5)
32	56413683	1	Solution Lid Assembly
*	56413682	1	Solution Lid Gasket
33	56413811	1	Gasket, .62 X .62 X 11.50"
34	56413839	2	Clamp, Hose SAE #20
35	56342319	1	Clamp, P
36	56900292	2	Barb, Adapter 3/4 X 3/4npt
37	1450372000	1	Key Switch (S1)
*	1462887000	1	Key, Replacement
38	56413862	1	Chemical Metering Assy NOTE 3
	56381105	1	Chemical Metering Assy NOTE 4
39	7-69-00008	1	Seat
40	56003603	1	Scr, Pan Phil Thd Form 1/4-20 x .38
41	56323260	1	Clamp, Hose Support
42	56109274	1	Strap
43	7-82-00050	1	Switch
44	56109300	1	Slide, Seat
45	7-03-04250	1	Arm Rest Option
46#	56009096	8	Wsh, Flt .193 x .875 x .060

\* = Not Shown

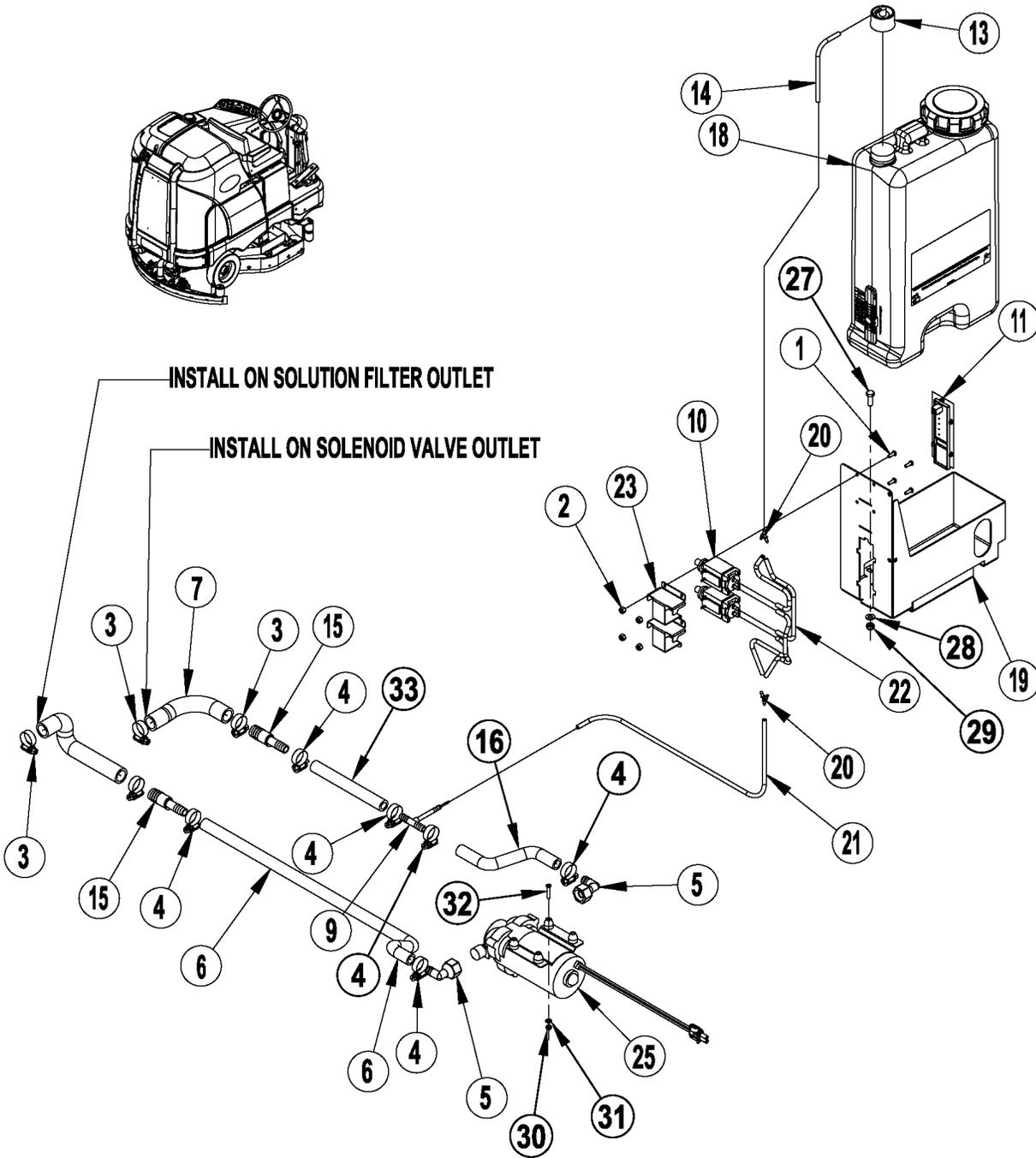
# = Revised or new since last update

**NOTE 1:** Starting in August 2007 Seat Assy 56409021 will no longer be available. If you order part number 56409021 you will automatically receive Seat Assy Kit 56109291. When replacing 56409021 with 56109291 you will also need to order items (40, 41 & 42) above. Machines built after August 2007 will have the new seat assembly as pictured on the left.

**NOTE 2:** These items are replacement parts for machines built prior to August 2007. If your seat assembly looks like the one pictured on the left these parts are not used on your machine.

**#NOTE 3:** Only used before SN1000038925

**#NOTE 4:** Only used after SN1000038924.



08-5	<b>SOLUTION SYSTEM (chemical metering kit )</b>			
11-2	<b>BR 1100S / BR 1300S</b>			<b>35</b>

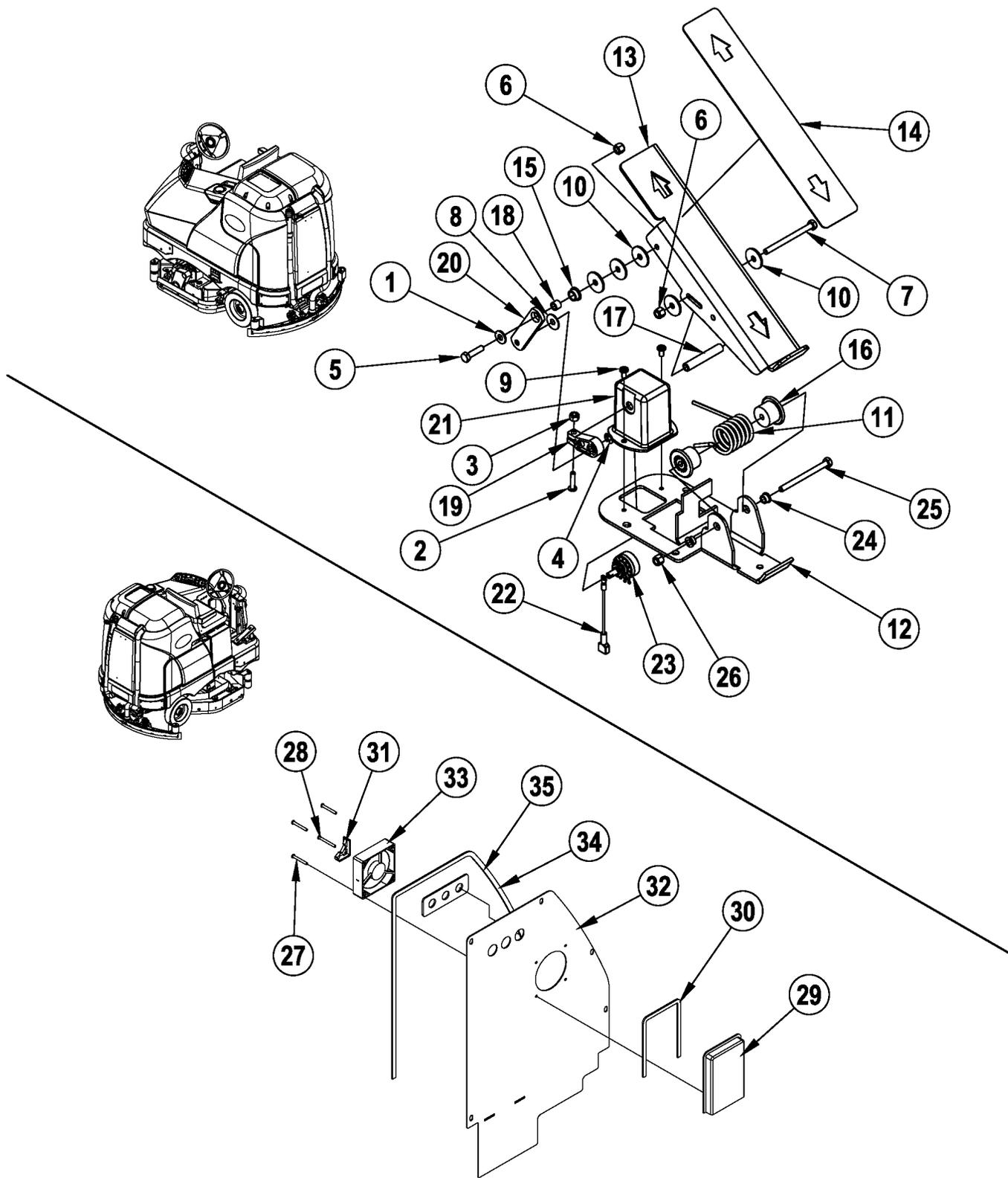
Item	Ref. No.	Qty	Description
	56413862	1	Chemical Metering Assy <b>NOTE 3</b>
	56381105	1	Chemical Metering Assy <b>NOTE 4</b>
1	56002003	4	Scr, Pan Phil 8-32 X .50
2	56002808	4	Nut, Hex Nyl Loc 8-32
3	56112771	4	Clamp, Hose SAE #10
4	56219932	6	Clamp, Hose SAE #6
5	56261246	2	Elbow
6	56412275	1	Hose, Spiral .50
7	56305762	1	Hose, Spiral .750
9	56314983	1	Tee Assembly
10#	56314984	2	Pump-Detergent ( <b>M13 / M16</b> )
11	56315340	1	Chemical Sensor Assy ( <b>A4</b> ) <b>NOTE 3</b>
13	56315523	1	Cap, Dry Break, 1/8 Barb, 90
14	56315524	1	Hose, Chemical Resistant, 7.00
15	56315625	2	Barb, Coupler 1/2 X 3/4
16	56262180	1	Hose, Spiral .50
18#	56413999	1	Bottle, Chemical Assy-EDS <b>NOTE 3</b>
	56111855	1	Bottle, Chemical Assy-EcoFlex <b>NOTE 4</b>
19	56413330	1	Plate, Mount, Chemical Meter
20	56413691	2	Fitting, Y, Barb
21	56413692	1	Hose, Chemical Resistant, 21.00
22	56413693	4	Hose, Chemical Resistant, 5.00
23	56413775	2	Bracket, Pump Mount
25#	56413810	1	Pump-Solution Control ( <b>M12</b> ) <b>TSBUS2008-988</b>
26	56481452	1	Hose, Spiral .750
27	56002507	3	Scr, Pan Phil 1/4-20 x .75
28	56002098	3	Wsh, Flt SAE 1/4
29	56002708	3	Nut, Nyl Loc 1/4-20
30	56002768	4	Nut, Nyl Loc 10-24
31	56001954	4	Wsh, Flt SAE #10
32	56002136	4	Scr, Flat Phil 10-24 x 1.25
33	56412276	1	Hose, Spiral .50
*	56478246	2	Tie-Cable

\* = Not Shown

# = Revised or new since last update

#NOTE 3: Only used before SN1000038925

#NOTE 4: Only used after SN1000038924.



08-5	<b>SOLUTION SYSTEM (drive pedal / electrical panel assy's)</b>		
09-5		<b>BR 1100S / BR 1300S</b>	<b>37</b>

Item	Ref. No.	Qty	Description
	56413421	1	Pedal Assy <b>(#1-26) TSBUS2008-1001</b>
	56413594	1	Panel, Elect. Cover Assy <b>(#27-35)</b>
1	56002098	1	Wsh, Flt Sae 1/4
2	56002733	1	Scr, Pan Phil 10-24 X .88
3	56002768	1	Nut, Hex Nyl Loc 10-24
4	56003268	1	Ring, Ret Ext Type E Reinf. 0.25 Dia
5	56003358	1	Scr, Hex M6-1 X 25mm
6	56003403	2	Nut, Hex Nyl Loc M6-1
7	56003428	1	Scr, Hex M6-1 X 75mm
8	56009025	1	Wsh, Flt .266 X .750 X .036
9	56009030	2	Scr, Pan Phil Thd Form 10-24 X .38
10	56009060	5	Wsh, Flt Ss .260 X 1.000 X .074
11	56314037	1	Spring, Torsion
12	NA	1	Bracket, Foot Pedal <b>NOTE 1</b>
13	NA	1	Foot Pedal <b>NOTE 1</b>
14	56314176	1	Mat, Pedal
15	56324505	1	Bearing, Flange
16	56380438	2	Spacer, Spring
17	56380439	1	Bushing
18	56380440	1	Bushing, M6 X .375 X .295
19	56409471	1	Lever, Throttle
20	56409610	1	Link Weldment
21	56412094	1	Housing, Potentiometer
22	56412331	1	Wire Assy.
23	56454740	1	Potentiometer, 5k <b>(R1)</b>
24	56756318	2	Bearing, Flange
25	56002603	1	Scr-Hex 1/4-20 x 3.00
26	56002708	1	Nut-Hex Nyl Loc 1/4-20
27	56003199	3	Scr, Pan Phil Plastite 8-16 X 1.50
28	56003635	1	Scr, Pan Phil Plastite 8-16 X 1.75
29	56314590	1	Cover, Fan
30	56314594	1	Gasket
31	56314595	1	Board Holder
32	56413170	1	Cover, Electrical
33	56413597	1	Fan Assy <b>(M14)</b>
34	56413625	1	Gasket, Panel
35	56413626	1	Gasket, Circuit Breaker

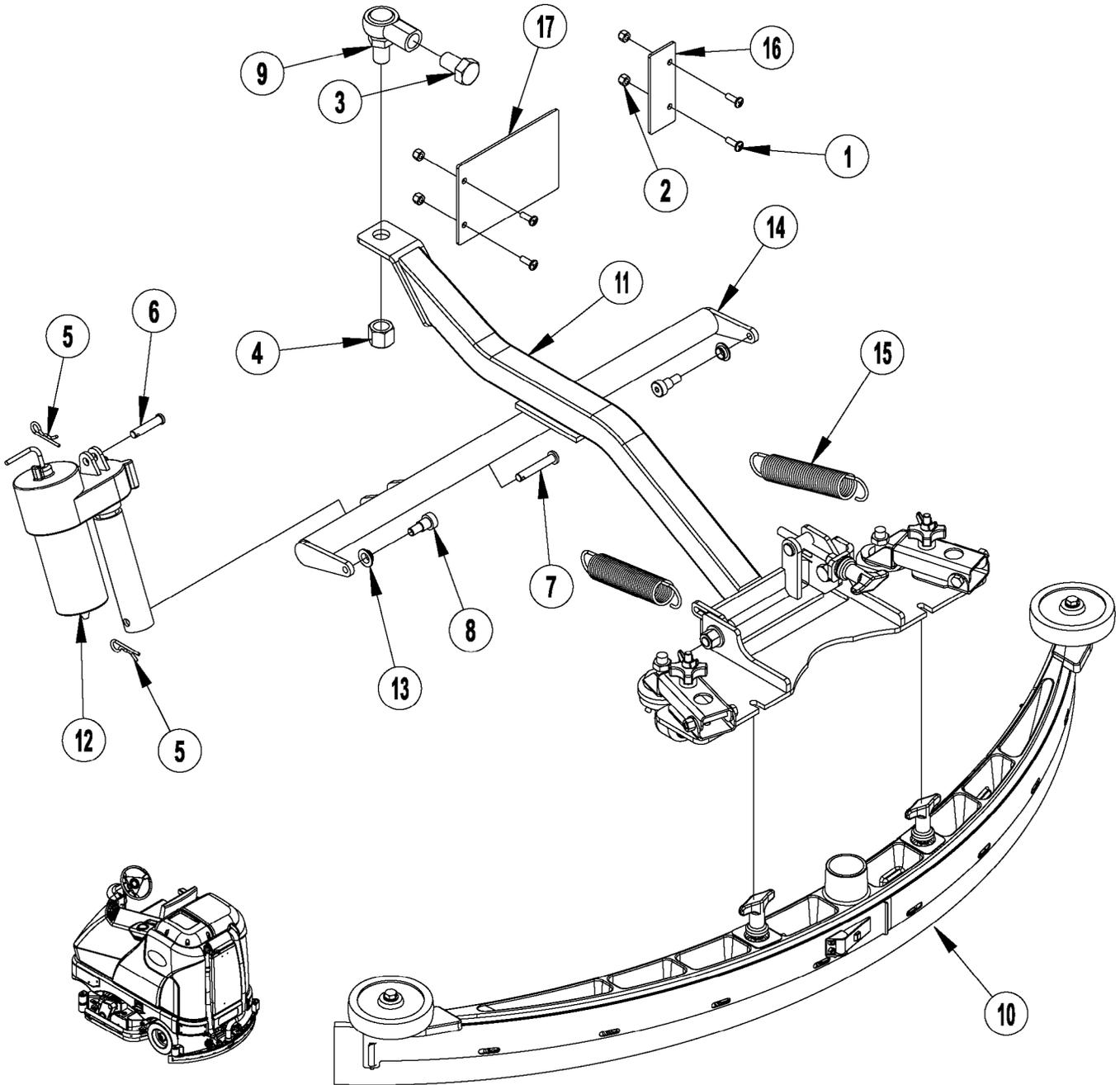
**NOTE 1:** If you need to replace either of these items please order Pedal Assembly 56413421.

**SQUEEGEE SYSTEM**  
**BR 1100S / BR 1300S**

08-5

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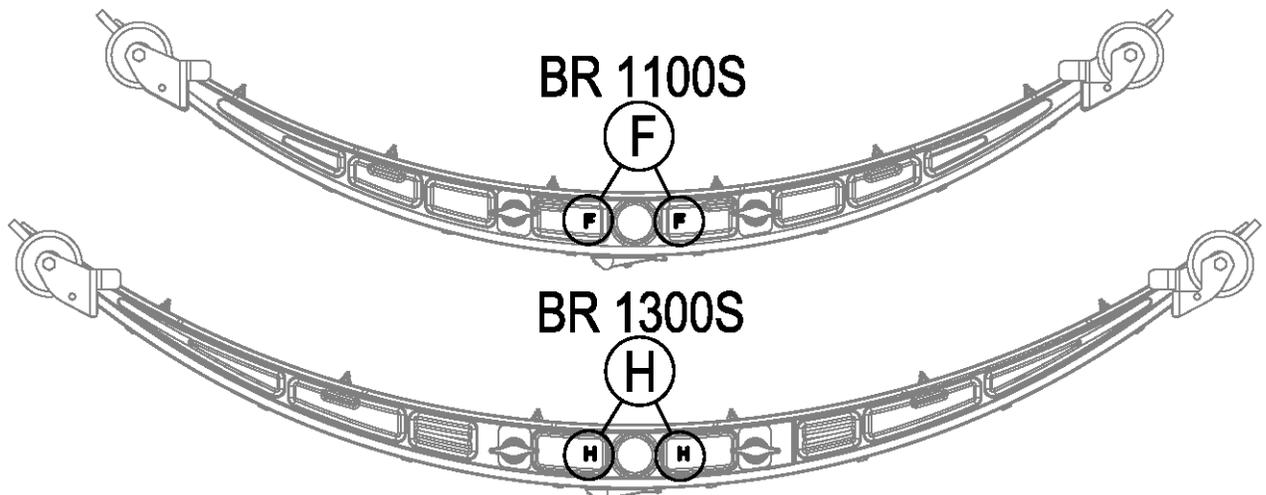
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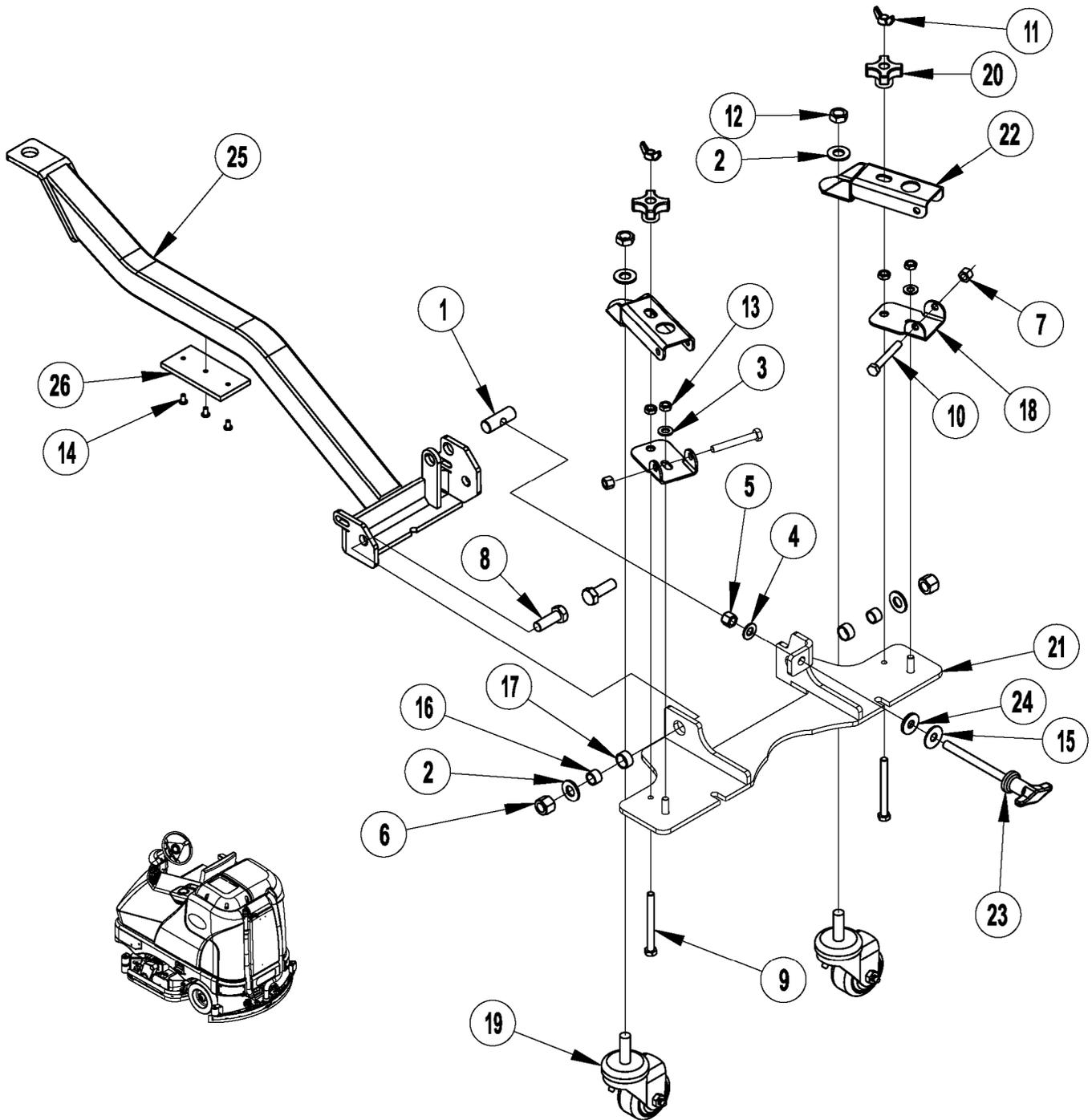


Item	Ref. No.	Qty	Description
1	56002507	4	Scr, Pan Phil 1/4-20 X .75
2	56002708	4	Nut, Hex Nyl Loc 1/4-20
3	56002739	1	Scr, Hex 3/4-16 X 1.25 Grade 8
4	56002863	1	Nut, Hex Nyl Loc 3/4-16
5	56003222	2	Pin, Cotter Hair
6	56003597	1	Pin, Clevis .375 X 1.75
7	56003656	1	Pin, Clevis .375 X 2.25
8	56003682	2	Scr, Soc Shd .50 X .50 X 3/8-16
9	56380431	1	Ball Joint <b>TSBUS2008-987</b>
10	56413038	1	Squeegee Assembly F ( <b>BR 1100S C</b> )
	56413739	1	Squeegee Assembly F Gum Rubber ( <b>BR 1100S</b> )
	56413641	1	Squeegee Assembly H ( <b>BR 1300S</b> )
11	56413110	1	Squeegee Arm Assembly
12	56413111	1	Actuator 36v ( <b>M3</b> )
13	56413211	2	Bearing, Flange .625 X .500 X .250
14	56413429	1	Squeegee Lift Arm Weldment
15	56412216	2	Spring, Extension
16	56413776	1	Stop Plate, Small ( <b>BR 1100S</b> )
17	56413778	1	Stop Plate, Large ( <b>BR 1100S</b> )
*	56413777	2	Stop Plate, Medium ( <b>BR 1300S</b> )

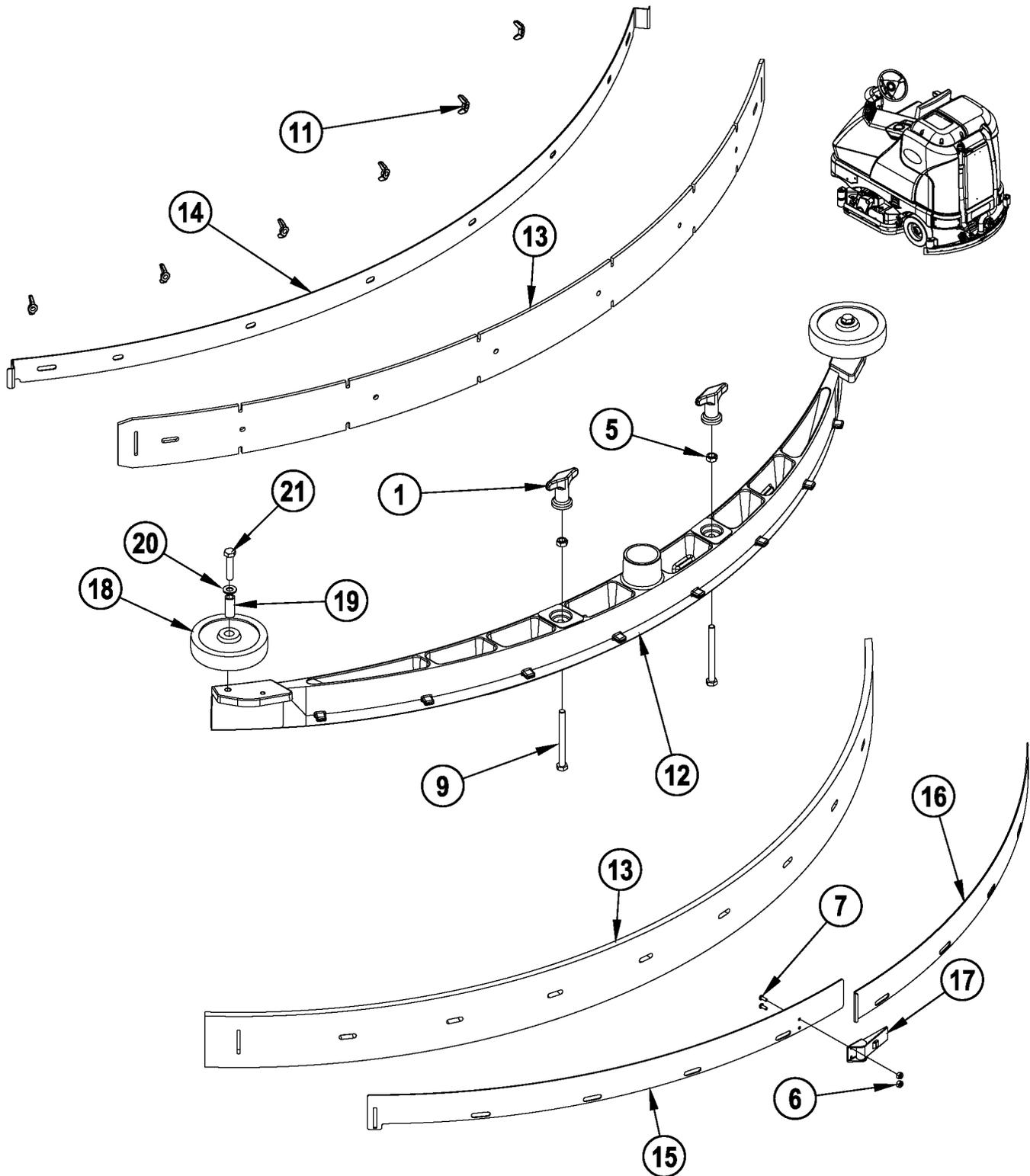
\* = Not Shown

\*\* = Optional, Not Included





Item	Ref. No.	Qty	Description
	56413110	1	Squeegee Arm Assembly
1	56324369	1	Pin
2	56001879	4	Wsh, Flt SAE 1/2
3	56001939	2	Wsh, Flt SAE 5/16
4	56002063	1	Wsh, Flt SAE 3/8
5	56002769	1	Nut, Hex Nyl Loc 3/8-16
6	56003312	2	Nut, Hex Nyl Loc M12-1.75
7	56003405	2	Nut, Hex Nyl Loc Ss M8-1.25
8	56003415	2	Scr, Hex M12-1.75 X 35mm
9	56003463	2	Scr, Hex Thd To Hd SS 5/16-18 X 3.25
10	56003464	2	Scr, Hex SS M8-1.25 X 60mm
11	56003465	2	Nut, Wing SS 5/16-18
12	56009016	2	Nut, Hex Jam 1/2-13
13	56009086	4	Nut, Hex Jam 5/16-18
14	56009139	3	Scr, Pan Phil Loc 10-24 X .38
15	56151068	1	Washer, Fibre
16	56360627	2	Bushing
17	56370878	2	Bearing, Sleeve
18	56407302	2	Bracket
19	56407344	2	Caster Wheel
20	56407510	2	Knob, 5/16-18 Nyl Loc
21	56413264	1	Squeegee Mount Weldt <b>TSBUS2007-969</b>
22	56413517	2	Bracket
23	56413576	1	Knob
24	56413599	1	Washer, Rubber
25	56413640	1	Squeegee Arm Weldment
26	56413742	1	Pad, Wear, Squeegee Arm

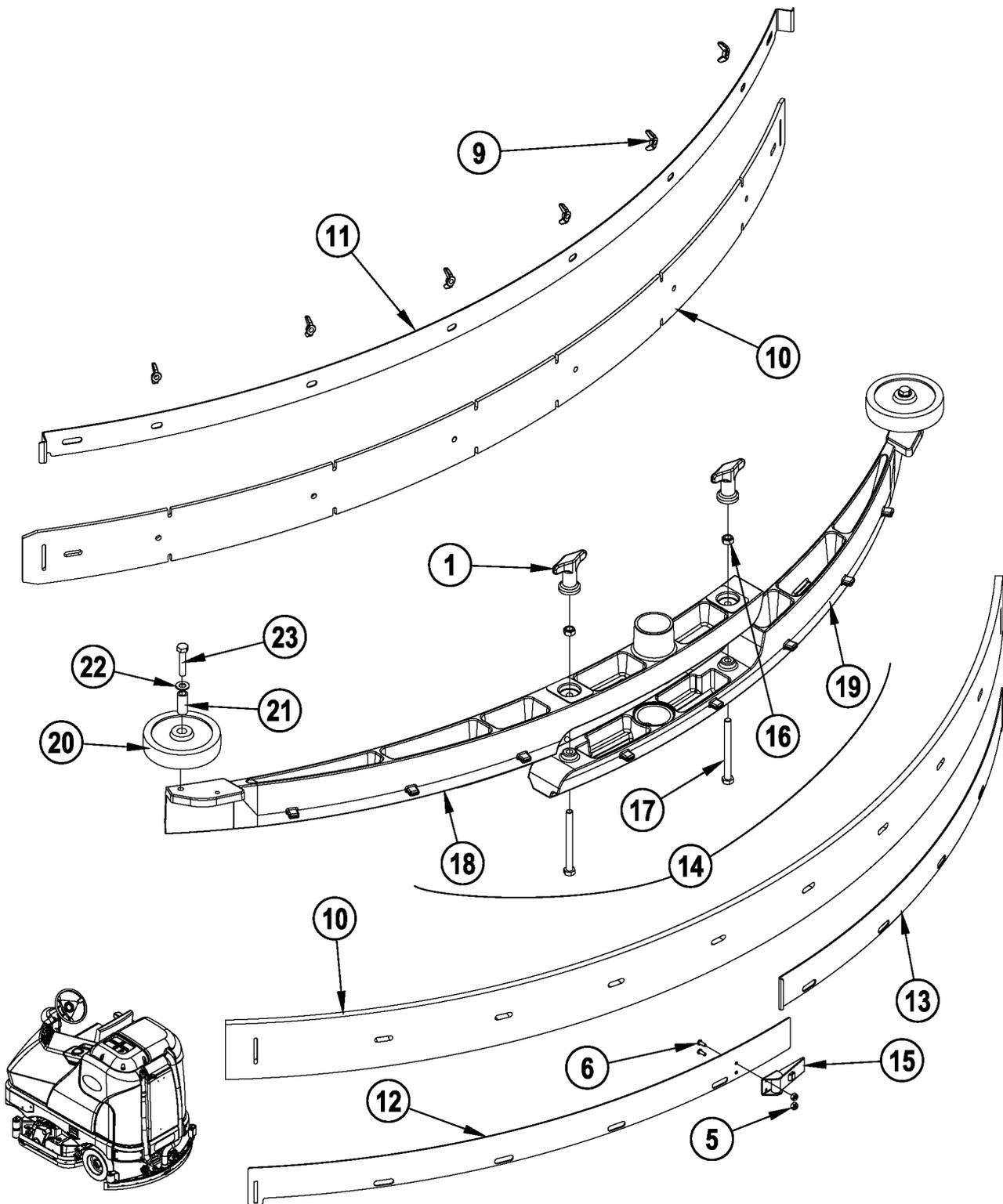


08-5	<b>SQUEEGEE SYSTEM (squeegee assembly F / BR 1100S)</b>		
09-11	<b>BR 1100S / BR 1300S</b>		<b>43</b>

Item	Ref. No.	Qty	Description
	56413038	1	Squeegee Assembly F ( <b>BR 1100S C</b> )
	56413739	1	Squeegee Assembly F Gum Rubber ( <b>BR 1100S</b> )
1	56370711	2	Nut, Thumb
5	56002851	2	Nut, Hex Nyl Loc-Thin Ss 5/16-18
6	56002907	2	Nut, Hex Nyl Loc SS 6-32
7	56002909	2	Scr, Pan Phil SS 6-32 X .38
9	56003481	2	Scr, Hex Thd To Hd Ss 5/16-18 X 3.50
11	56009111	6	Nut, Wing SS 1/4-20
12	56413037	1	Squeegee, Cast F
13	56413762	1	Kit, Linatex Squeegee Blade F ( <b>used on 56413038</b> )
	56413761	1	Kit, Gum Rubber Squeegee Blade F ( <b>used on 56413739</b> )
**	56413745	1	Kit, Polyurethane Squeegee Blade F
14	56109614	1	Strap, Front "F"
15	56109615	1	Strap, Rear F
16	56413329	1	Strap, Rear F
17	56471194	1	Latch Assembly
18	56111639	2	Wheel
19	56109581	2	Bushing
20	56001939	2	Wsh-Fit SAE 5/16
21	56003437	2	Scr-Hex SS M8-1.25 x 40mm

\*\* = Optional, Not Included

**NOTE:** All squeegee blade kits include both front and rear squeegee blades.



08-5	<b>SQUEEGEE SYSTEM (squeegee assembly H / BR 1300S)</b>		
09-11	<b>BR 1100S / BR 1300S</b>		<b>45</b>

Item	Ref. No.	Qty	Description
	56413641	1	Squeegee Assembly H ( <b>BR 1300S</b> )
1	56370711	2	Nut, Thumb
5	56002907	2	Nut, Hex Nyl Loc SS 6-32
6	56002909	2	Scr, Pan Phil SS 6-32 X .38
9	56009111	6	Nut, Wing SS 1/4-20
10	56413766	1	Kit, Linatex Squeegee Blade H
**	56413765	1	Kit, Gum Rubber Squeegee Blade H
**	56413747	1	Kit, Polyurethane Squeegee Blade H
11	56109620	1	Strap, Front H
12	56109621	1	Strap, Left Rear H
13	56109677	1	Strap, Right Rear H
14	56413679	1	Squeegee Cast Assy H ( <b>#16-19</b> )
15	56471194	1	Latch Assembly
16	56002851	2	Nut, Hex Nyl Loc-Thin SS 5/16-18
17	56003481	2	Scr, Hex Thd to Hd SS 5/16-18 x 3.50
18	56413645	1	Squeegee, Cast H Top
19	56413644	1	Squeegee, Cast H Bottom
20	56111639	2	Wheel
21	56109581	2	Bushing
22	56001939	2	Wsh-Fit SAE 5/16
23	56003437	2	Scr-Hex SS M8-1.25 x 40mm

\*\* = Optional, Not Included

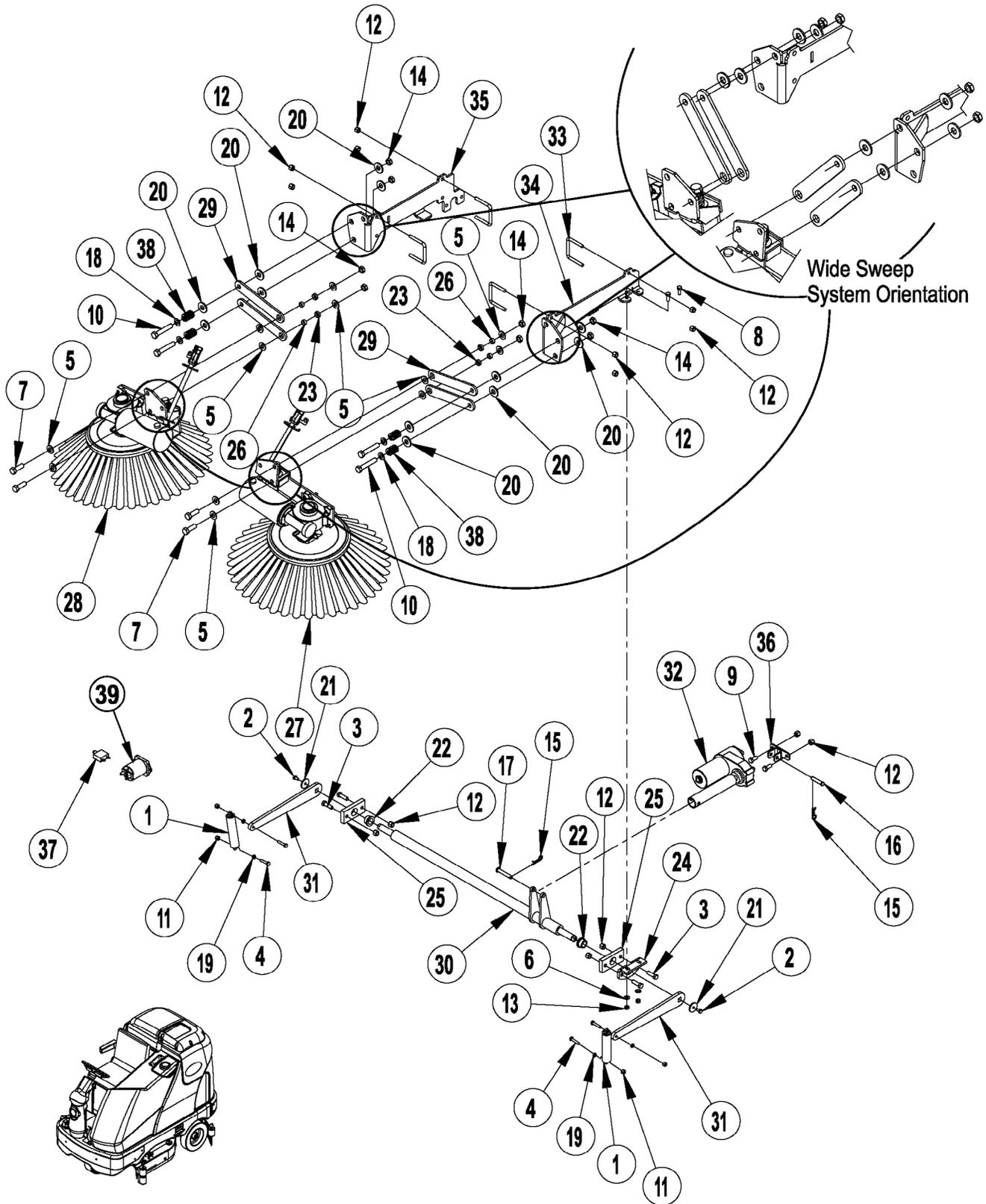
**NOTE:** All squeegee blade kits include both front and rear squeegee blades.

**SWEEP SYSTEM**  
**BR 1100S / BR 1300S**

08-5

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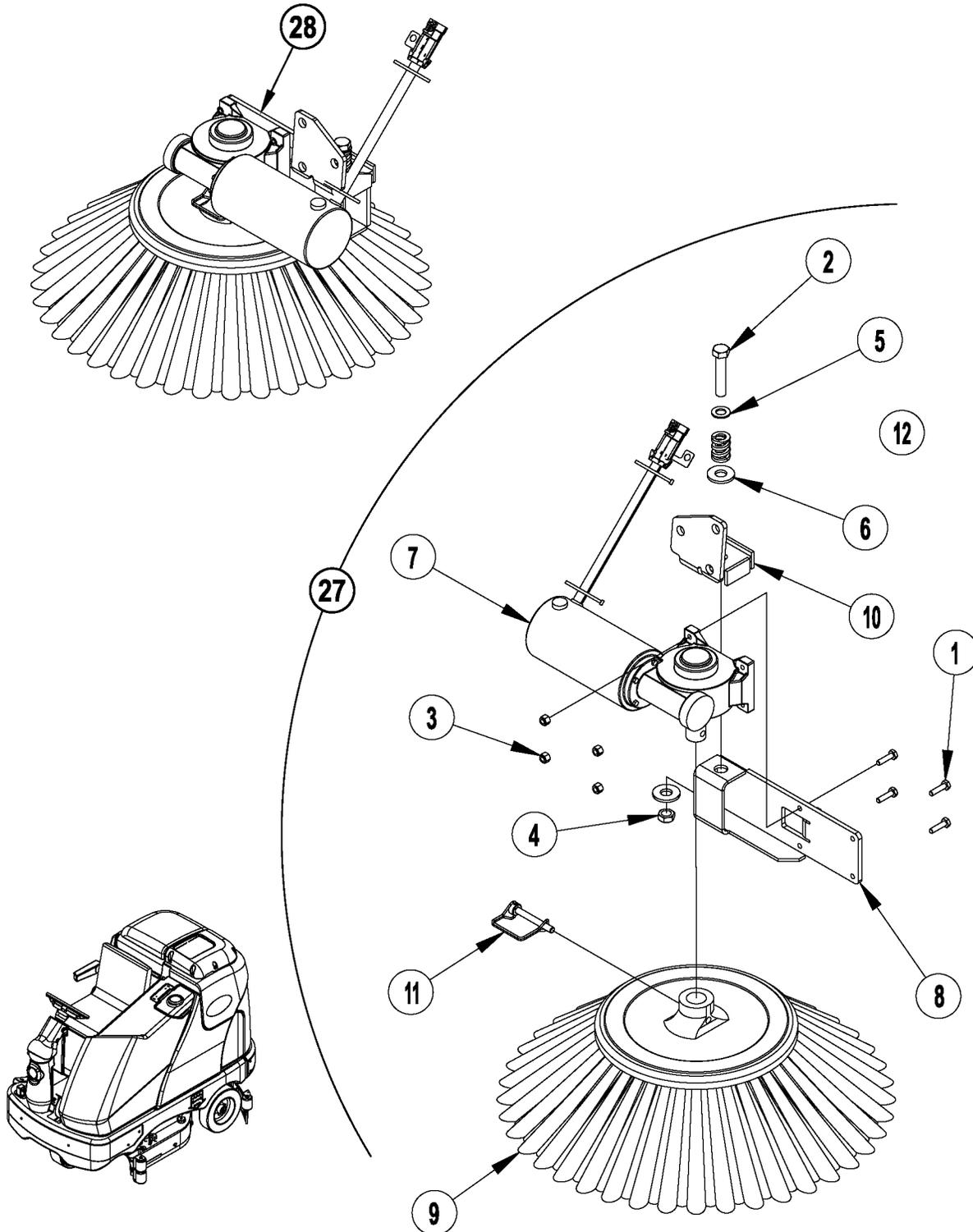
08-11



Item	Ref. No.	Qty	Description
1	56407335	2	Chain Assembly
2	56001854	2	Scr, Hex 1/4-20 X .50
3	56001858	4	Scr, Hex 3/8-16 X 1.25
4	56001878	4	Scr, Hex 1/4-20 X 1.25
5	56001879	12	Wsh, Flt SAE 1/2
6	56001939	2	Wsh, Flt SAE 5/16
7	56001968	4	Scr, Hex 1/2-13 X 1.50
8	56002037	2	Scr, Hex 5/16-18 X .88
9	56002271	2	Scr, Hex 3/8-16 X .88
10	56002680	4	Scr, Hex 1/2-13 X 2.75
11	56002708	4	Nut, Hex Nyl Loc 1/4-20
12	56002769	14	Nut, Hex Nyl Loc 3/8-16
13	56002826	2	Nut, Hex Nyl Loc-Thin 5/16-18
14	56002843	8	Nut, Hex Nyl Loc-Thin 1/2-13
15	56003222	2	Pin, Cotter Hair
16	56003597	1	Pin, Clevis .375 X 1.75
17	56003656	1	Pin, Clevis .375 X 2.25
18	56009017	4	Wsh, Flt Harden .516x.938 X.75
19	56009087	4	Nut, Hex Jam 1/4-20
20	56009115	12	Wsh, Flt Harden .594x1.375x.134
21	56009199	2	Wsh, Flt Brass .266x1.250x.125
22	56303071	2	Bearing, Flange
23	56304893	4	Bearing, Sleeve .625 X .750 X .250
24	56305080	1	Bracket, Side Broom Lift
25	56305091	2	Pillow Block
26	56365030	4	Bushing .50x.62x.27
27	56413039	1	Left Side Broom Assembly
28	56413040	1	Right Side Broom Assembly
29	56413048	4	Link
30	56413053	1	Sidebroom Lift Arm Weldment
31	56413055	2	Lift Arm
32	56413129	1	Actuator, Motor 36V (M4)
33	56413403	4	Clamp, Wide
34	56413453	1	Sidebroom Brkt Weld't, Lt
35	56413454	1	Sidebroom Brkt Weld't, Rt
36	56413479	1	Actuator Mount
37	56413822	1	Circuit Breaker, 20 Amp
38	56416508	4	Spring, Die
39	56413516	1	Contact, 36vdc 200a (K6) TSBUS2008-996

\* = Not Shown

**NOTE:** As of October 2008 machines are no longer being manufactured with the "Narrow Sweep" system.



08-5	<b>SWEEP SYSTEM (side broom assemblies)</b>		
11-2	<b>BR 1100S / BR 1300S</b>		<b>49</b>

Item	Ref. No.	Qty	Description
27	56413039	1	Left Side Broom Assembly <b>Page 44</b>
28	56413040	1	Right Side Broom Assembly <b>Page 44</b>
1	56002093	4	Scr, Hex 1/4-20 X 1.00
2	56002533	1	Scr, Hex 1/2-13 X 2.50
3	56002708	4	Nut, Hex Nyl Loc 1/4-20
4	56002843	1	Nut, Hex Nyl Loc-Thin 1/2-13
5	56009017	1	Wsh, Flt Harden .516x.938 X.75
6	56009115	2	Wsh, Flt Harden .594x1.375x.134
7	56413695	1	Gearmotor Assembly, 36VDC ( <b>Left-56413039 / M7</b> )
*	56413696	1	Gearmotor Assembly, 36VDC ( <b>Right-56413040 / M8</b> )
<b>#</b>	52803A	2	Carbon Brush for 56413695 / 56413696
8	56413051	1	Sidebroom Bracket Weld't, Lt ( <b>56413039</b> )
*	56413062	1	Sidebroom Bracket Weld't, Rt ( <b>56413040</b> )
9	56413056	1	Sidebroom ( <b>Standard</b> )
**	56380335	1	Sidebroom ( <b>Commercial Option</b> )
10	56413142	1	Sidebroom Spring Mt Weld't, Lt ( <b>56413039</b> )
*	56413143	1	Sidebroom Spring Mt Weld't, Rt ( <b>56413040</b> )
11	56413845	1	Pin, .31 With Retainer
12	56416508	1	Spring, Die

\* = Not Shown

\*\* = Optional, Not Included

**#** = Revised or new since last update



Item	Ref. No.	Qty	Description	Item	Ref. No.	Qty	Description
A1	56413041	1	Speed Control	M9	56413336	1	Gearbox Assy (BR 1100S disk)
A2	56413483	1	Control Board Assembly <b>NOTE 1</b>	*	56410182	1	Bearing B.E. (for 56413336)
	56381049	1	Control Board Assembly <b>NOTE 2</b>	*	56410183	1	Bearing F.E. (for 56413336)
A3	56413157	1	Switch/Display Panel Assembly <b>NOTE 1</b>	*	56412266	1	Brush Board Assy (for 56413336)
	56381083	1	Switch/Display Panel Assembly <b>NOTE 2</b>	*	56407500	1	Brush Assy Kit (for 56413336)
A4	56315340	1	Chemical Sensing Board <b>NOTE 1</b>	*	56389395	1	Brush Spring Set (for 56413336)
BT1	N/A		Battery	M9	56303083	1	Gearmotor (BR 1300S disk right motor)
				*	56303444	4	Carbon Brush Assy (for 56303083)
D1	NA	1	Diode	*	56303419	4	Brush Spring (for 56303083)
D2	NA	1	Diode (part of M15)	M9#	56380617	1	Motor, 36VDC 1.5HP (all cylindrical right motor) <b>NOTE 3</b>
F1	56413406	1	Circuit Breaker, 3 Amp (Control Circuit)	*#	56381479	1	Kit Brush Amer Motor (for 56380617)
F2	56413407	1	Circuit Breaker, 15 Amp (Auxiliary Circuit)	*#	56413628	1	Brush & Spring Kit (for obsolete motor 56413398)
F3	56413822	1	Circuit Breaker, 20 Amp (Side Brooms)	M10	56303083	1	Gearmotor (BR 1300S disk center motor)
F4	56410044	1	Fuse, 250 Amp	*	56303444	4	Carbon Brush Assy (for 56303083)
				*	56303419	4	Brush Spring (for 56303083)
H1	56412177	1	Backup Alarm (optional)	M10#	56380617	1	Motor, 36VDC 1.5HP (all cylindrical left motor) <b>NOTE 3</b>
H2	56305223	1	Strobe Light (optional)	*#	56381479	1	Kit Brush Amer Motor (for 56380617)
H3	56409239	1	Headlight (optional)	*#	56413628	1	Brush & Spring Kit (for obsolete motor 56413398)
H4	56482365	1	Horn	M11	56303083	1	Gearmotor (BR 1300S disk left motor)
				*	56303444	4	Carbon Brush Assy (for 56303083)
				*	56303419	4	Brush Spring (for 56303083)
K1	56413516	1	Contact, Vacuum TSBUS2008-996	M12#	56413810	1	Pump-Solution Control (EDS™ / ECOFLEX) TSBUS2008-988
K2	56413516	1	Contact, Right Brush (all models) TSBUS2008-1020	M13#	56314984	1	Pump-Detergent (EDS™ / ECOFLEX)
K3	56413516	1	Contact, Center Brush (BR 1300S disk and all cylindrical)	M14	56413597	1	Fan Assy
K4	56413516	1	Contact, Left Brush (BR 1300S disk only)	M15	56212014	1	Pump, Accessory (optional)
K5	56413516	1	Contact, Auxiliary TSBUS2008-996	**	56109587	1	Pump Head Assy (for 56212014)
K6	56413516	1	Contact, Side Brooms TSBUS2008-996	**	56109588	1	Check Valve Assy (for 56212014)
K7	56413516	1	Contact, Main TSBUS2008-1020	M16#	56314984	1	Pump-Detergent (EDS™ / ECOFLEX)
L1	56413510	1	Solenoid Valve	R1	56454740	1	Potentiometer, 5K Ohm
M1	56413615	1	Motor, Traction	R2	56413390	1	Resistor Assy, 1k Ohm (BR 1100S disk)
*	56413616	1	Carbon Brush Set		56413393	1	Resistor Assy, 10k Ohm (BR 1100S C cylindrical)
M2	56413700	1	Lift Actuator, Brush		56413392	1	Resistor Assy, 20k Ohm (BR 1300S disk)
M3	56413111	1	Lift Actuator, Squeegee		56413391	1	Resistor Assy, 40k Ohm (BR 1300S C cylindrical)
M4	56413129	1	Lift Actuator, Side Broom	S1	1450372000	1	Switch, Key
M5	56410065	1	Motor Assy, Vac	*	1462887000	1	Key, Replacement
*	56212223	1	Carbon Brush Set	S2	56409613	1	Switch, Seat
M6	56410065	1	Motor Assy, Vac (Optional)	S3	56305053	1	Switch, Batter Interlock (optional)
*	56212223	1	Carbon Brush Set	S5	56413669	1	Switch, Solution Empty
M7	56413695	1	Gearmotor Assy, 36VDC (Left-cylindrical models only)				
*#	52803A	2	Carbon Brush for 56413695				
M8	56413696	1	Gearmotor Assy, 36VDC (Right-cylindrical models only)				
*#	52803A	2	Carbon Brush for 56413696				

\* = Not Shown

# = Revised or new since last update

#NOTE 1: Used on machines built before SN 1000038925.

#NOTE 2: Used on machines built after SN 1000038924.

#NOTE 3: Brush motor 56413398 is no longer used in production and replaced by 56380617.

**OPTIONAL KITS AND ACCESSORIES**

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**BR 1100S / BR 1300S**

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Item	Ref. No.	Qty	Description	Item	Ref. No.	Qty	Description
<b>Optional Kits</b>				<b>BR 1100S Cylindrical Scrub Brushes</b>			
**	56413740	1	Kit, Battery Tray Only	**	56413113	2	Soft Nylon
**	56413821	1	Vacuum Motor Kit, (2nd Vac Motor)	**	56413114	2	Hard Nylon
**	56413089	1	Kit, Heavy Front Bumper	**	56413118	2	Prolene
**	56413870	1	Kit, Weighted Bumper	**	56413115	2	180 Grit
**	56413764	1	Kit, Deluxe Seat	**	56413116	2	80 Grit
**	56413687	1	Kit, Spray Wand	<b>BR 1300S Cylindrical Scrub Brushes</b>			
**	56413649	1	Kit, Warning Beacon	**	56413352	2	Soft Nylon
**	56413681	1	Kit, Back-Up Alarm	**	56413353	2	Hard Nylon
**	56413774	1	Kit, Overhead Guard	**	56413357	2	Prolene
**	56109306	1	Kit, Seat Belt <b>NOTE 2</b>	**	56413354	2	180 Grit
**	56314313	1	Kit, Headlight	**	56413355	2	80 Grit
**	56413773	1	Kit, Operator Foot Guard	** = Optional, Not Included			
**	56413685	1	Kit, Solution Auto-Fill	# = Revised or new since last update			
**	56303386	1	Kit, Battery Bracket Disconnect	<b>NOTE 1:</b> Replacement parts for the kits listed above can be found on each kit's associated instruction sheet.			
**	56303429	1	Cart, Battery Exchange	<b>NOTE 2:</b> This seat belt kit is for use on Seat 7-69-00008.			
**	56303430	1	Rack, Battery Storage				
**	56413819	1	Kit, Floor Mat				
**	56413804	1	40" Cyl Scrub Kit ( <b>BR 1100SC</b> )				
**	56413809	1	40" Disk Scrub Kit Euro ( <b>BR 1100S</b> )				
**	56413808	1	48" Cyl Scrub Kit ( <b>BR 1300SC</b> )				
**	56413807	1	48" Disk Scrub Kit ( <b>BR 1300S</b> )				
**#			<b>DELETED</b>				
**#	56381108	1	Kit, Chemical Metering-EU-EcoFlex (only used after SN1000038924)				
<b>BR 1100S Disk Scrub Brushes</b>							
**	56505790	2	Short Trim Pad Holder				
**	56505195	2	Pad Retainer for 56505750				
**	56505791	2	MagnaGrit				
**	56505792	2	DynaGrit				
**	56505793	2	AgLite				
**	56505794	2	Prolene				
**	56505795	2	ProLite				
**	56505796	2	Union Mix				
**	56505797	2	MidGrit				
**	56505798	2	MidLite Grit				
<b>BR 1300S Disk Scrub Brushes</b>							
**	56505780	2	Short Trim Pad Holder				
**	56505195	2	Pad Retainer for 56505750				
**	56505781	2	MagnaGrit				
**	56505782	2	DynaGrit				
**	56505783	2	AgLite				
**	56505784	2	Prolene				
**	56505785	2	ProLite				
**	56505786	2	Union Mix				
**	56505787	2	MidGrit				
**	56505788	2	MidLite Grit				

Item	Ref. No.	Qty	Description
			<b>BR1100S Squeegee Blade Kits</b>
	56413761	1	Kit, Gum Rubber Squeegee Blade F (Std) <b>NOTE 1</b>
	56413762	1	Kit, Linatex Squeegee Blade F (Std) <b>NOTE 1</b>
**	56413745	1	Kit, Polyurethane Squeegee Blade F <b>NOTE 1</b>
			<b>BR 1300S Squeegee Blade Kits</b>
**	56413765	1	Kit, Gum Rubber Squeegee Blade H <b>NOTE 1</b>
	56413766	1	Kit, Linatex Squeegee Blade H (Std) <b>NOTE 1</b>
**	56413747	1	Kit, Polyurethane Squeegee Blade H <b>NOTE 1</b>
			<b>BR 1100S Disk Deck Blade Kits</b>
**	56413767	1	Kit, Gum Rubber 40 Disk Blade <b>NOTE 2</b>
	56413768	1	Kit, Linatex 40 Disk Blade (Std) <b>NOTE 2</b>
**	56413754	1	Kit, Polyurethane 40 Disk Blade <b>NOTE 2</b>
			<b>BR 1300S Disk Deck Blade Kits</b>
**	56413769	1	Kit, Gum Rubber 45/48 Disk Blade <b>NOTE 2</b>
	56413770	1	Kit, Linatex 45/48 Disk Blade (Std) <b>NOTE 2</b>
**	56413755	1	Kit, Linatex 45/48 Disk Blade <b>NOTE 2</b>
			<b>Cylindrical Deck Blades</b>
**	56413820	2	Skirt, Gum Rubber
	56413654	2	Skirt, Linatex (Std)
**	56413743	2	Skirt, Polyurethane
			<b>Optional Battery Kits</b>
**	56413733	1	Kit, Battery 480 A/H (5hr) Roll Out
**	56413734	1	Kit, Battery 480 A/H (5 Hr)
			<b>Optional Batteries</b>
**	80562500	1	Battery, 36V, 480A/H
**	80562600	1	Battery, 36V, 420A/H
			<b>Optional Battery Chargers</b>
**	L00193641	1	Battery Charger-EU, 36VDC, Auto, 80Amp, 380VAC (used on 80562500)
**	80546551	1	Battery Charger-EU, 36VDC, Auto, 20Amp, 230VAC (used on 80562600)
			<b>Accessories</b>
**	56409441	1	Programmer, 1311 User
**	56410508	1	Programmer Cable
**#	56044381	1	Literature Pack (before SN1000038925)
**#	56044592	1	Literature Pack (after SN1000038924)

\*\* = Optional, Not Included

# = Revised or new since last update

**NOTE 1:** Squeegee Blade Kits include both front & rear squeegee blades.

**NOTE 2:** Disk Deck Blade Kits include all skirt assembly blades.

## BRUSH SELECTOR GUIDE-DISK

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### BR 1100S / BR 1300S

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We provide brushes and pad holders that will give you the best possible performance between machine and floor. Following are descriptions of the materials and their applications.

- Union Mix:** Medium grade natural fibers for polishing finished floors with standard-speed equipment. Recommended for use in place of white pads.
- ProLite:** Bristles are made from light-duty polypropylene for general scrubbing when you do not want to scratch or remove finish from the floor. Recommended for use in place of red pads.
- Prolene:** Polypropylene material for medium-duty scrubbing on concrete, terrazzo and vinyl floor tile. Recommended for use in place of green or blue pads.
- Magna Grit:** For extreme heavy-duty scrubbing or stripping of floors. This brush has extra large diameter silicon carbide grit impregnated synthetic bristles. Recommended for use in place of black pads.
- Dyna Grit:** For aggressive, heavy-duty scrubbing or stripping of floors. Recommended for use in place of brown pads.
- MidLite Grit:** For general purpose scrubbing of sealed or unsealed concrete, stone, terrazzo, quarry tile and other resilient hard floor surfaces. Recommended for use in place of green or blue pads.
- MidGrit:** For general purpose scrubbing when you need a lighter action for sealed or unsealed concrete, stone, terrazzo, quarry tile and other resilient hard floor surfaces. Recommended for use in place of green or blue pads.
- AgLite Grit:** For light scrubbing when used wet; buffing or polishing when used dry on urethane coated, sealed concrete or other resilient hard surface floors. Recommended for use in place of red or white pads.
- Short Trim Pad Holder:** Made with a structural foam block and center ring for correct pad centering. It has a "shower feed" design for getting solution to the floor.

#### BR 1100S BRUSHES

- 56505790 - Short Trim Pad Holder
- 56505195 - Pad Retainer for 56505790
- 56505795 - Prolite
- 56505794 - Prolene
- 56505796 - Union Mix
- 56505793 - AgLite Grit
- 56505797 - MidGrit
- 56505798 - MidLite Grit
- 56505792 - Dyna Grit
- 56505791 - Magna Grit

#### BR 1300S BRUSHES

- 56505780 - Short Trim Pad Holder
- 56505195 - Pad Retainer for 56505780
- 56505785 - Prolite
- 56505784 - Prolene
- 56505786 - Union Mix
- 56505783 - AgLite Grit
- 56505787 - MidGrit
- 56505788 - MidLite Grit
- 56505782 - Dyna Grit
- 56505781 - Magna Grit

### DISC BRUSH APPLICATION GUIDE (SUGGESTION ONLY)

Application	46 Grit	80 Grit	180 Grit	240 Grit	500 Grit	Prolene	Prolite	Union Mix
<b>Stripping:</b>								
Concrete	X	X						
Terrazzo	X	X						
Ceramic/Quarry tile		X						
Vinyl tile		X						
<b>General Scrubbing:</b>								
Concrete	X	X	X	X		X		
Terrazzo			X	X	X	X		
Ceramic/Quarry tile			X	X	X	X		
Marble					X		X	
Vinyl tile			X		X	X		
Raised-rubber tile					X		X	
<b>Polishing:</b>								
Raised Disc Tile								X
Marble								X
Vinyl tile								X

We provide brushes and pad holders that will give you the best possible performance between machine and floor. Following are descriptions of the materials and their applications.

- 80 Grit Brush:** Medium aggressive grit brush. Good all-around brush for medium to heavy buildup removal. Can also be used for general stripping operations.
- 180 Grit Brush:** Least aggressive grit brush. Used for daily cleaning of hard-finished floors.
- Polypropylene Brush:** Standard equipment brush. Low cost, yet effective in cleaning many common floor surfaces.
- Stiff Nylon Brush:** Cleaning action similar to polypropylene. More durable and wear-resistant than polypropylene.
- Soft Nylon Brush:** Least aggressive brush available. Used on soft-finish floors where a more aggressive brush would leave scratch marks, or in applications requiring very light cleaning.

**BR 1100S C BRUSHES**

- 56413113 - Soft Nylon
- 56413114 - Hard Nylon
- 56413118 - Prolene
- 56413115 - 180 Grit
- 56413116 - 80 Grit

**BR 1300S C BRUSHES**

- 56413352 - Soft Nylon
- 56413353 - Hard Nylon
- 56413357 - Prolene
- 56413354 - 180 Grit
- 56413355 - 80 Grit

**CYLINDRICAL BRUSH APPLICATION GUIDE (SUGGESTION ONLY)**

Application	80 Grit	180 Grit	Polypropylene	Stiff Nylon	Soft Nylon
<b>Stripping:</b>					
Concrete	X				
Terrazzo	X				
Ceramic/Quarry tile	X				
Vinyl tile	X				
<b>General Scrubbing:</b>					
Concrete	X	X	X	X	
Terrazzo		X	X	X	X
Ceramic/Quarry tile		X	X	X	X
Marble		X		X	X
Vinyl tile		X	X	X	X
Raised-rubber tile		X			X

**SQUEEGEE BLADE SELECTOR GUIDE**

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**BR 1100S / BR 1300S**

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Gum Rubber: Provides superior wiping action on tile, terrazzo, and polished floors.

Red Gum Rubber: Provides longest life on finished or unfinished concrete floors.

Polyurethane: Oil resistance provides superior life in applications with oily floors.

**SQUEEGEE BLADE APPLICATION GUIDE(SUGGESTION ONLY)**

<b>Performance Traits</b>	<b>Gum Rubber (Natural Rubber)</b>	<b>Red Gum Rubber (Natural Rubber)</b>	<b>Polyurethane/ Pentathane</b>
Resilience	X		X
Tear Strength	X		X
Abrasion Resistance	X	X	X
Wear Resistance		X	X
Low Temp Flexibility	X	X	
High Temp Flexibility	X		X
Ozone Resistance			
Chemical Resistance			X
<b>Applications</b>			
Oil Resistant Applications			X
General Purpose	X	X	X
Hot Water Applications		X	X
Chemical Applications			X
<b>Color</b>	Tan	Red	Translucent





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