



Electronic Service Manuals

This electronic document is provided as a service to our customers. We do not create the contents of the information contained in this document. Should you have detailed questions pertaining to the information contained in this document, you may contact Michco, or the manufacturer which provided the original information in this electronic deliverable. Michco's only part in this electronic deliverable was the electronic assembly process.

You may contact Michco through the following methods:
Phone (517) 484-9312 or (800) 331-3339 MI, OH, IN only
2011 N. High St. -- Lansing, Michigan -- 48906
Fax: (517) 484-9836
Email: CustServ@Michco.com
Web site: www.Michco.Com
Parts Web site: www.FloorMachineParts.Com

Order Parts on Line at:
www.FloorMachineParts.Com

Directly to Parts & Service:
By Email: **Shop@Michco.com**
By Fax: (517) 702-2041
By Voice: Use numbers above.

Serving the Cleaning Industry Since 1922

Notice: All copyrighted material remains property of original owners, all trademarks are property of respective owners. Manuals are subject to Manufacturer's reproduction limitations. Originals or reproductions were provided by manufacturers through a request. We make no warranty as to the correctness of information provided in this document and you assume all risk.

HYDRO-RETRIEVER TRAC 380 BHD

MODEL 392600

THIS PARTS LIST IS FOR MACHINES
AFTER SERIAL NUMBER 338637

PARTS LIST



ADVANCE
MACHINE COMPANY

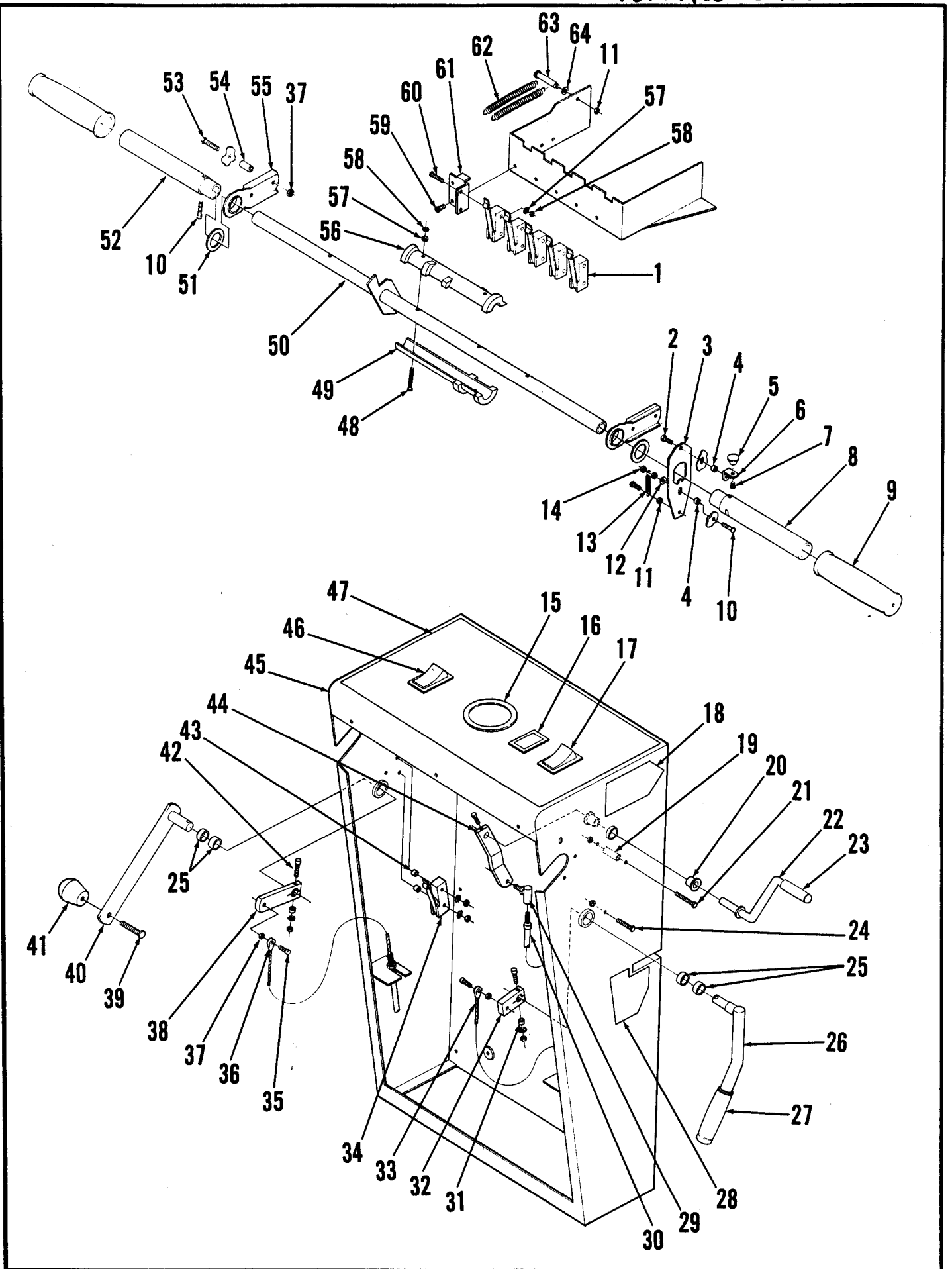
INTERNATIONAL HEADQUARTERS, Plymouth, MN 55447-3408
EUROPE, Llantrisant, Pontyclun, Mid-Glamorgan CF7 8YZ Wales, United Kingdom
CANADA, 1295 Crestlawn Drive, Mississauga, Ontario L4W 1A9

FORM NUMBER 042211 9/89



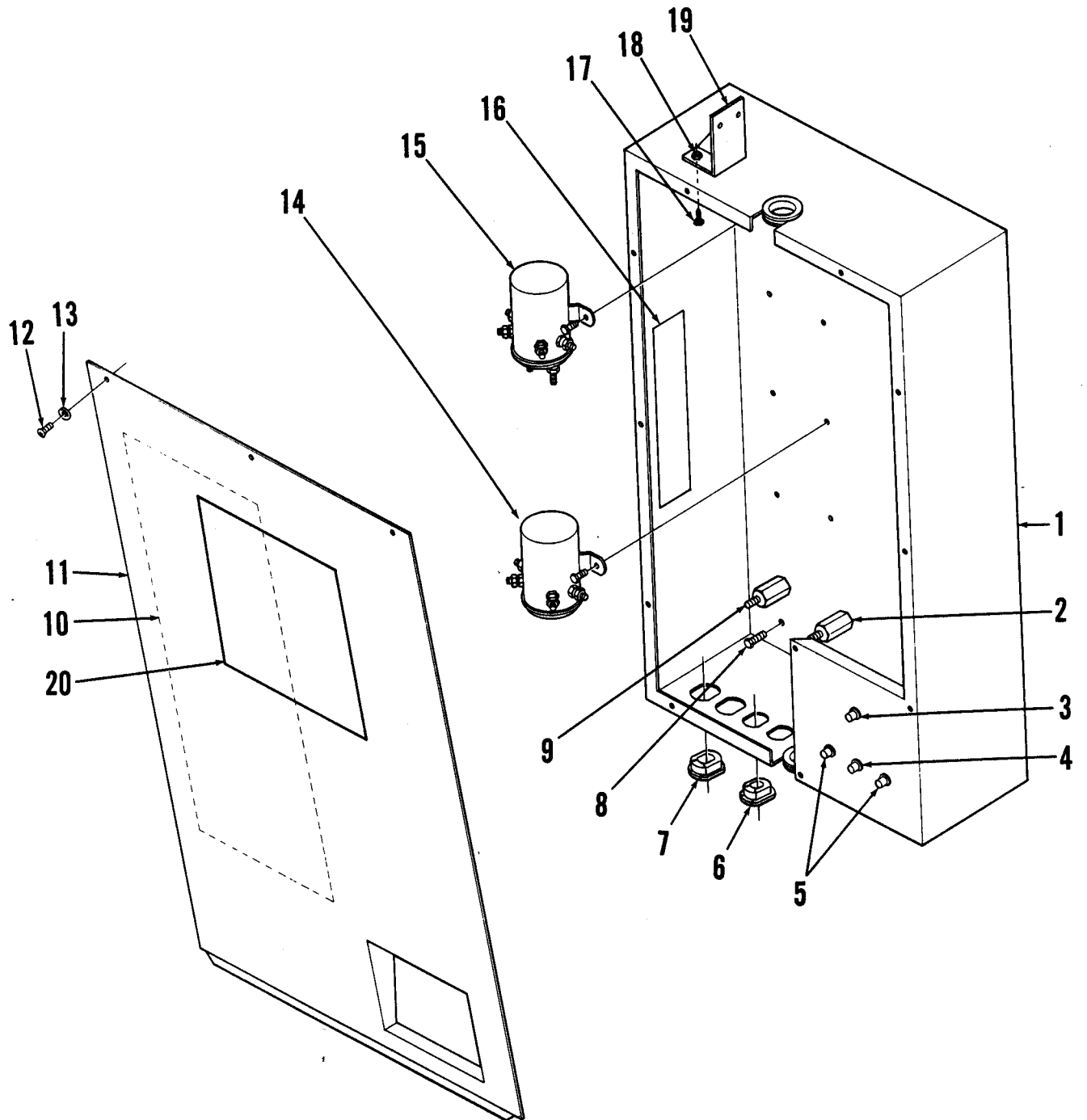
INDEX FOR FORM NUMBER 042211

<u>Description</u>	<u>Location</u>	<u>Page</u>
Brush Drive	B11	17
Brush Lift	B9	15
Casters, Skirts & Chassis	A12	5
Control Handle	A8	1
Electrical Panel	A10	3
Recovery Tank	B1	7
Solution,Tank & Valve	B3	9
Squeegee	B13	19
Vacuum Motor	B5	11
Wheel Drive	B7	13
Wiring Diagram	C1	21



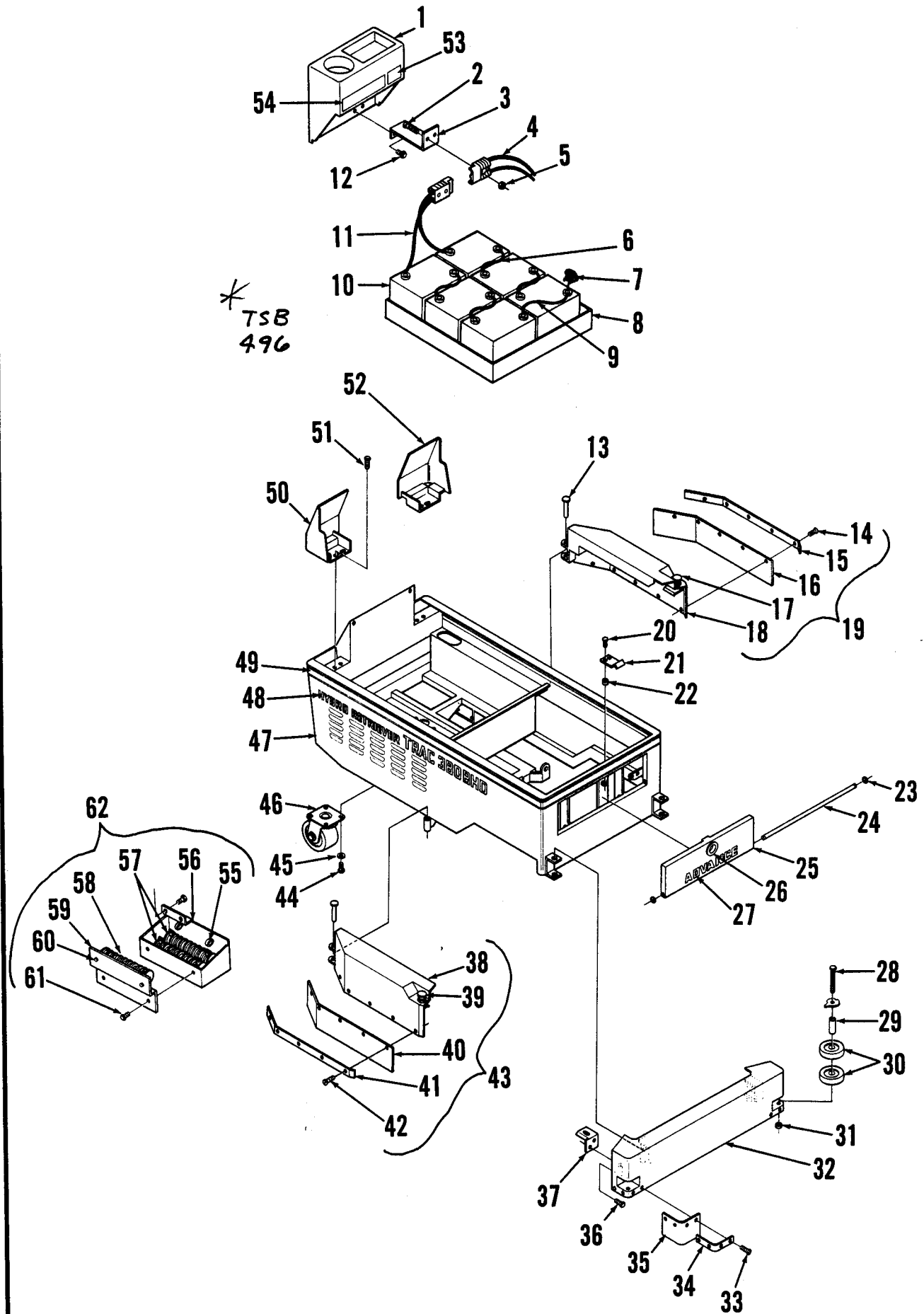
CONTROL HANDLE

Item	Part No.	Qty	Description	Item	Part No.	Qty	Description
	392491	1	Control Handle Assembly	51	367192	2	Washer
1	385615	5	Switch	52	261064	1	Tube
2		2	#10-24 x .75 Screw	53		4	1/4-20 x 1.5 Screw
3	391492	1	Lock	54	261066	4	Bushing
4	151092	2	Bearing	55	261097	2	Bearing
5	151017	1	Knob	56	391505	1	Upper Cam
6	391493	1	Tab	57		12	#6 Shakeproof Washer
7		1	#10-24 x .38 Screw	58		12	#6-32 Nut
8	391490	1	Tube	59		10	#10-24 x .5 Screw
9	388545	2	Grip	60		10	#6-32 x .88 Screw
10		3	#10-24 x 1 Screw	61	391489	5	Bracket
11		8	#10-24 Nut	62	358560	2	Spring
12		1	#10 Washer	63	900481	1	Bolt
13	330178	1	Spring	64		1	#10 Lock Washer
14		1	#10-24 Lock Nut				
15	448677	1	Battery Meter				
16	467410	1	Indicator Light				
17	376348	1	Switch				
18	014725	1	Decal, Important				
19	471220	1	Bushing				
20	324505	2	Bearing				
21		1	#10-24 x .88 Screw				
22	391495	1	Solution Lever				
23	376486	1	Grip				
24		2	1/4-20 x .88 Screw				
25	366633	4	Bearing				
26	391501	1	Brake Lever				
27	391311	1	Grip				
28	014480	1	Decal, Caution				
29	488290	1	Ball Joint				
30	376320	1	Cable				
31	379298	2	Bushing				
32	391504	1	Lever				
33	391306	1	Cable				
34	388019	1	Switch				
35		2	1/4-20 x 1 Screw				
36	392490	1	Cable				
37		12	1/4-20 Nut				
38	391497	1	Lever				
39		1	5/16-18 x .75 Bolt				
40	391496	1	Squeegee Lift Lever				
41	364527	1	Knob				
42		2	1/4-20 x 1.25 Screw				
43	369004	2	Bushing				
44	391494	1	Lever				
45	391481	1	Control Panel				
46	377003	1	Switch				
47	014200	1	Decal, Control Panel				
48		2	#6-32 x 1.5 Screw				
49	391506	1	Lower Cam				
50	391507	1	Tube				



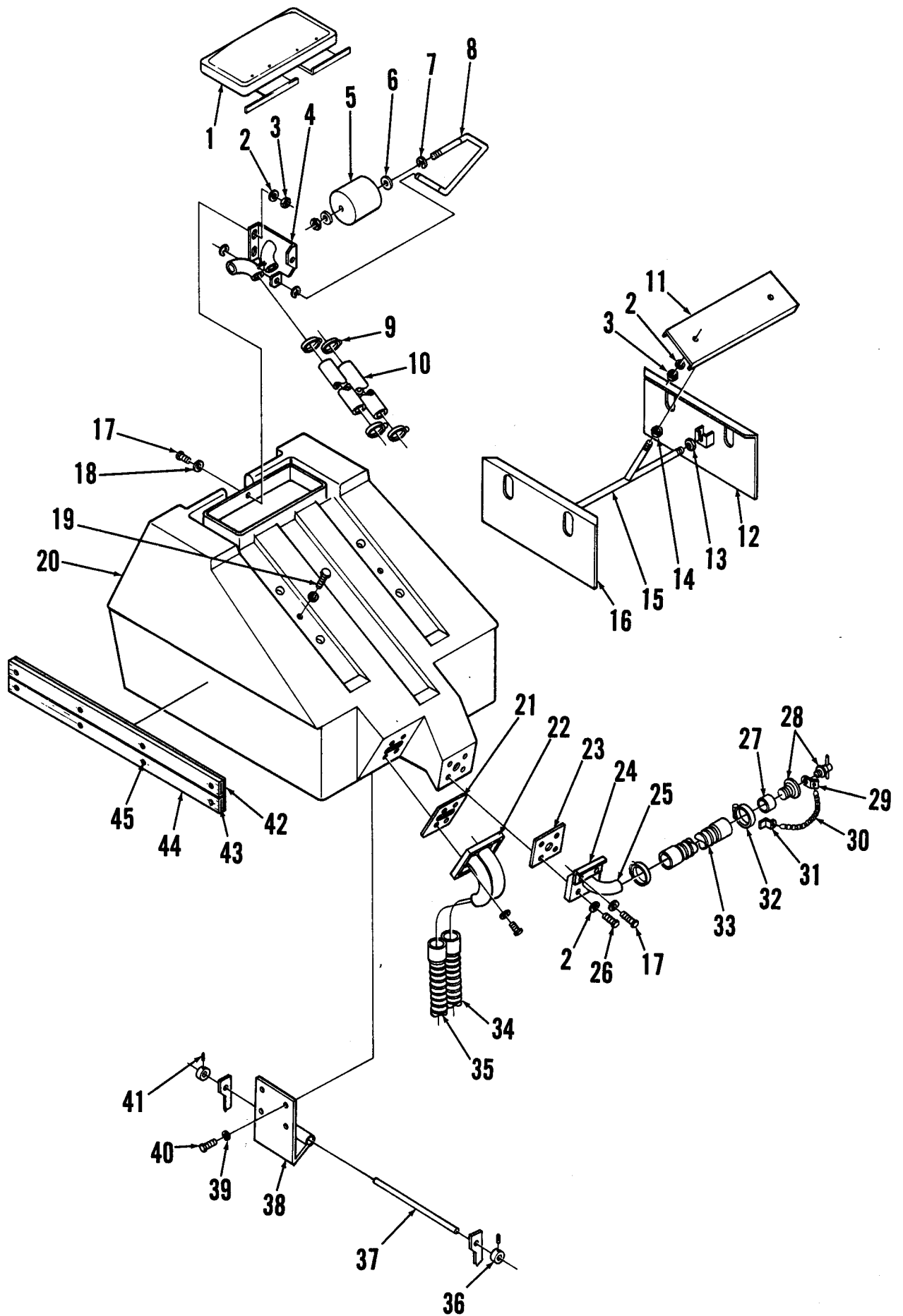
ELECTRICAL PANEL

Item	Part No.	Qty	Description
1	391498	1	Electrical Panel
2	469858	2	Stand-Off
3	454429	1	Circuit Breaker 70A
4	387328	1	Circuit Breaker 5A
5	469788	2	Circuit Breaker 25A
6	382818	2	Strain Relief
7	740200	2	Strain Relief
8		20	1/4-20 x .38 Screw
9	454376	2	Stud
10	014643	1	Decal, Wiring
11	391477	1	Cover Panel
12		3	#10-24 x .5 Screw
13	449340	3	Washer
14	395452	4	Solenoid
15	388534	4	Solenoid
16	025363	1	Decal, Caution
17		4	#10-24 x .38 Screw
18		4	#10-24 Nut
19	391513	1	Bracket
20	014601	1	Decal, Caution



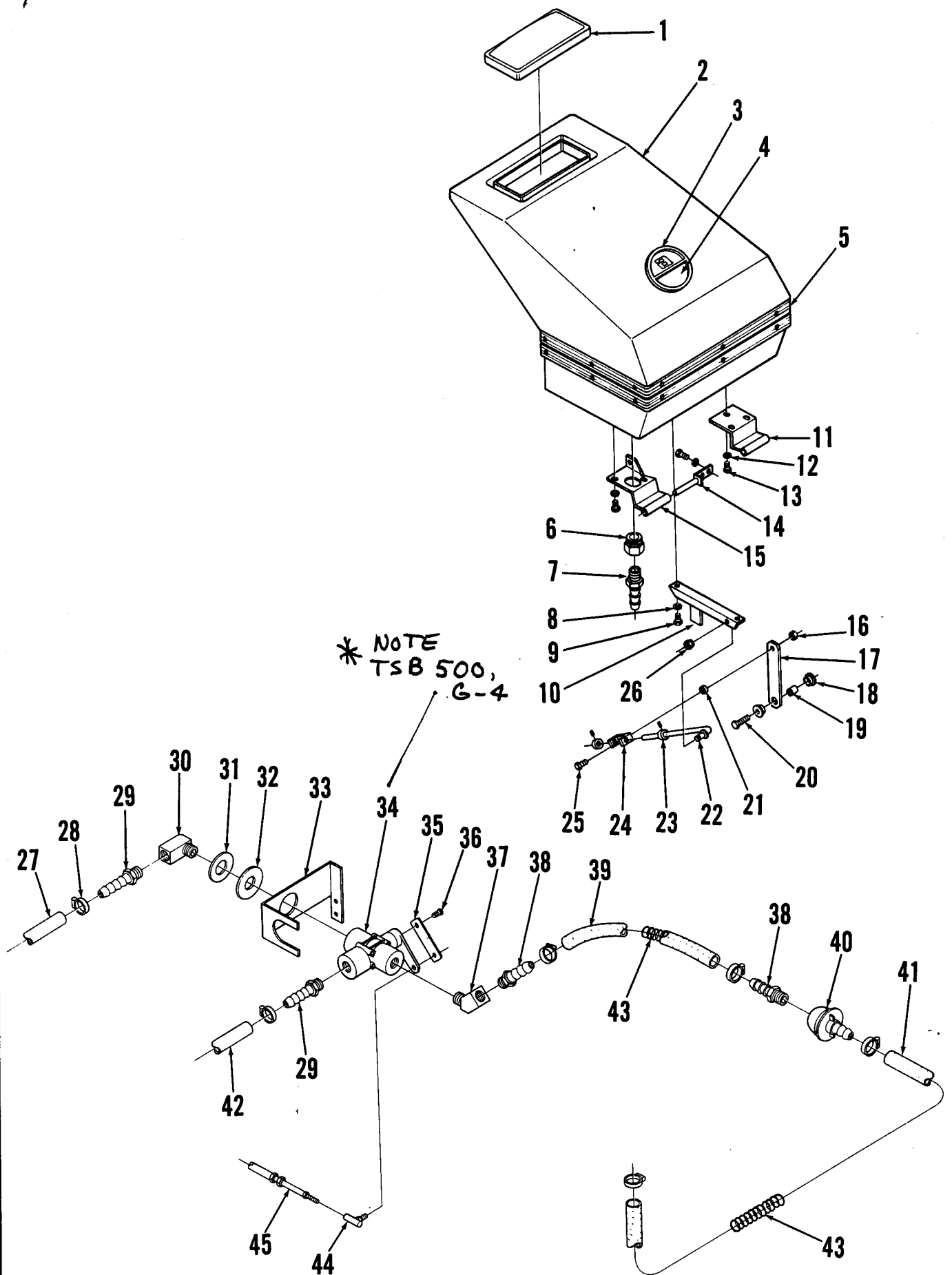
CHASSIS AND SKIRTS

Item	Part No.	Qty	Description	Item	Part No.	Qty	Description
1	392496	1	Tray	49	014645	2	Decal, Stripe
2		2	1/4-20 x 1.5 Screw	50	392521	1	Right Corner
3	392484	1	Bracket	51		4	1/4-20 x .38 Screw
4	392551	1	Connector	52	392524	1	Left Corner
5		4	1/4-20 Nut	53	014461	1	Decal, Cable Route
6	389232	4	Battery Cable	54	014726	1	Decal, Important
7	372673	12	Boot	55	900753	2	Tie Mount
8	389110	1	Battery Tray	56	392527	1	Resistor Mount
9	456460	1	Battery Cable	57	261221	2	Resistor
10	388503	6	Battery, 350AH ** TSB 496 - G5	58	467470	1	Resistor
	3388502	1	Charger, Auto 25 Amp **	59	392539	1	Bracket
11	392562	1	Connector	60		2	#10-24 x .38 Screw
12		2	1/4-20 x .38 Screw	61		6	1/4-20 x .38 Screw
13	360147	2	Hinge Pin	62	392540	1	Resistor Assembly
14		6	#10-24 x .5 Screw				
15	392379	1	Left Strap	** = not included			
16	392377	1	Skirt				
17	578214	1	Lock				
18	392622	1	Left Guard				
19	392633	1	Left Guard Assembly				
20		2	1/4-20 x .5 Screw				
21	391776	1	Clip				
22	369004	2	Bushing				
23	321125	2	Retaining Ring				
24	391781	1	Rod				
25	392362	1	Front Panel				
26	344621	1	Grommet				
27	014637	1	Decal, Advance				
28	391926	2	Rod				
	376544	2	Cap for 391926				
29	111503	4	Bearing				
30	376540	4	Roller				
31	468834	2	Retaining Ring				
32	392610	1	Front Bumper				
	392631	1	Front Bumper Assembly (#28-37)				
33		8	#10-24 x .5 Screw				
34	392381	2	Strap				
35	392380	2	Skirt				
36		4	1/4-20 x .75 Screw				
37	392375	1	Right Bracket				
	392376	1	Left Bracket (not shown)				
38	392621	1	Right Guard				
39	578214	1	Lock				
40	392377	1	Skirt				
41	392378	1	Right Strap				
42		6	#10-24 x .5 Screw				
43	392632	1	Right Guard Assembly				
44		8	3/8-16 x .5 Bolt				
45		8	3/8 Washer				
46	440450	2	Caster TSB 510 - G2, TSB 522 - G1				
47	392310	1	Chassis				
48	014582	2	Decal, 380BHD				



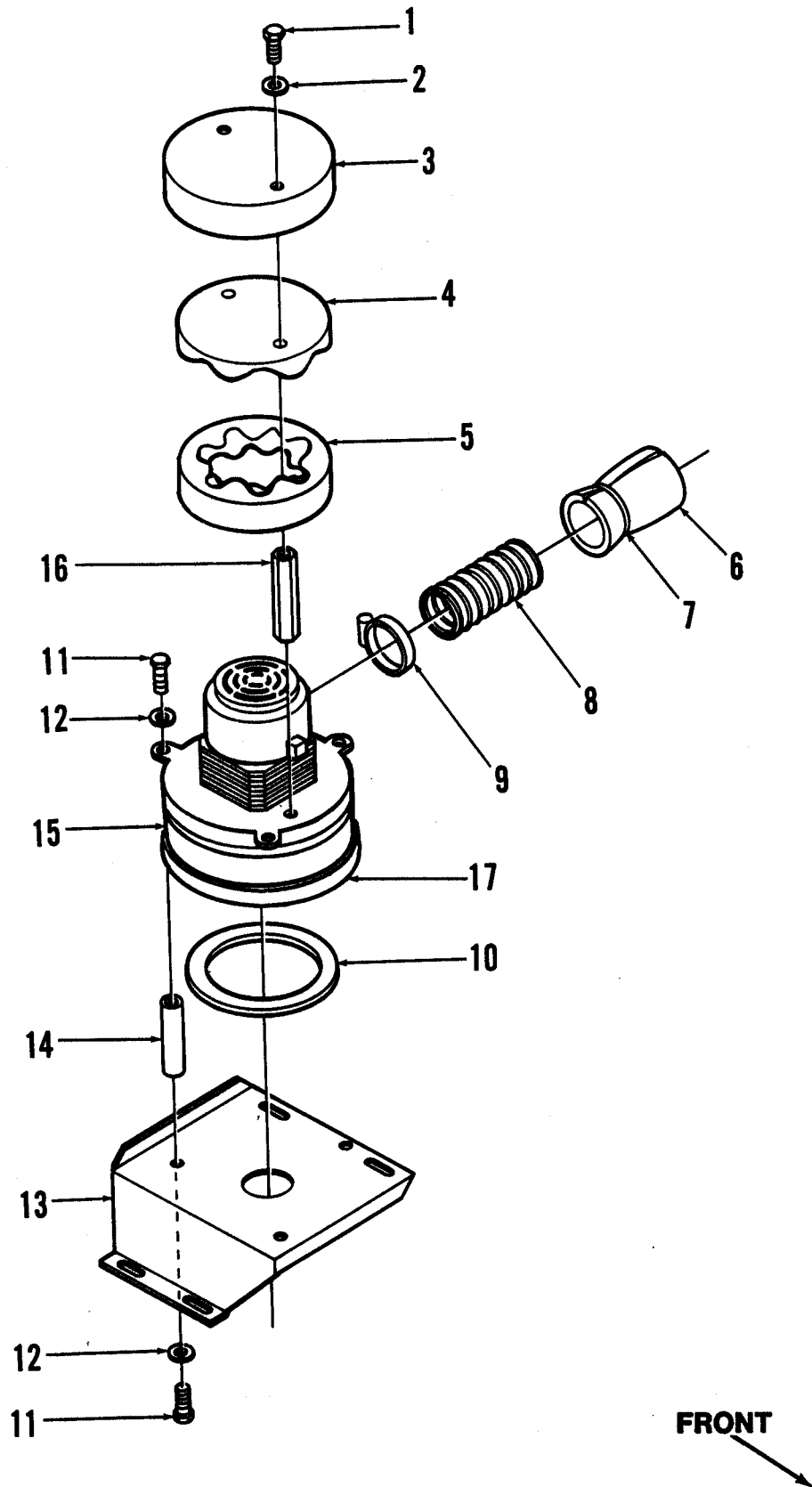
RECOVERY TANK

Item	Part No.	Qty	Description
	392646	1	Recovery Tank Assembly (#1-26, 42-45)
1	261364	1	Cover with Gasket TSB 533 - F13
	261183	1	Gasket for 261364
2		15	1/4 Washer
3		6	1/4-20 Nut
4	391719	1	Float Bracket TSB 526 - F14
5	385349	1	Float TSB 526 - F14
6	454626	2	Washer TSB 526 - F14
7	321125	3	Retaining Ring TSB 526 - F14
8	391723	1	Rod TSB 526 - F14
9	329145	4	Hose Clamp
10	391745	2	Hose
11	391817	1	Channel
12	391820	1	Bracket
13		4	5/8-11 Nut
14		1	1/2-13 Nut
15	391824	1	Rod
16	391821	1	Bracket
17		3	1/4-20 x .62 Screw
18	900737	5	Sealing Washer
19		2	1/4-20 x 1 Screw
20	391705	1	Recovery Tank
21	391313	1	Gasket
22	392547	1	Adapter
23	391312	1	Gasket
24	392560	1	Stop
25	392529	1	Adapter
26		8	1/4-20 x .88 Screw
27	376940	1	Tube
28	376948	1	Plug
29	376942	1	Clip
30	209992	1	Chain
31	376944	1	Clip
32	329145	2	Hose Clamp
33	260820	1	Drain Hose
34	392564	1	Hose (to Vacuum Motor)
	209957	1	Hose Cuff needed with 392564
35	392563	1	Hose (to Squeegee)
	209957	1	Hose Cuff needed with 392563
36	392473	4	Collar
37	392472	2	Pin
38	392469	2	Hinge
39		8	1/4 Washer
40		8	1/4-20 x .5 Screw
41		4	#10-24 x .38 Screw
42	392635	2	Bumper Mounting Panel
43	392636	4	Bumper Strap
44	392637	4	Bumper
45		16	#10-24 x .38 Screw



SOLUTION TANK AND VALVE ASSEMBLY

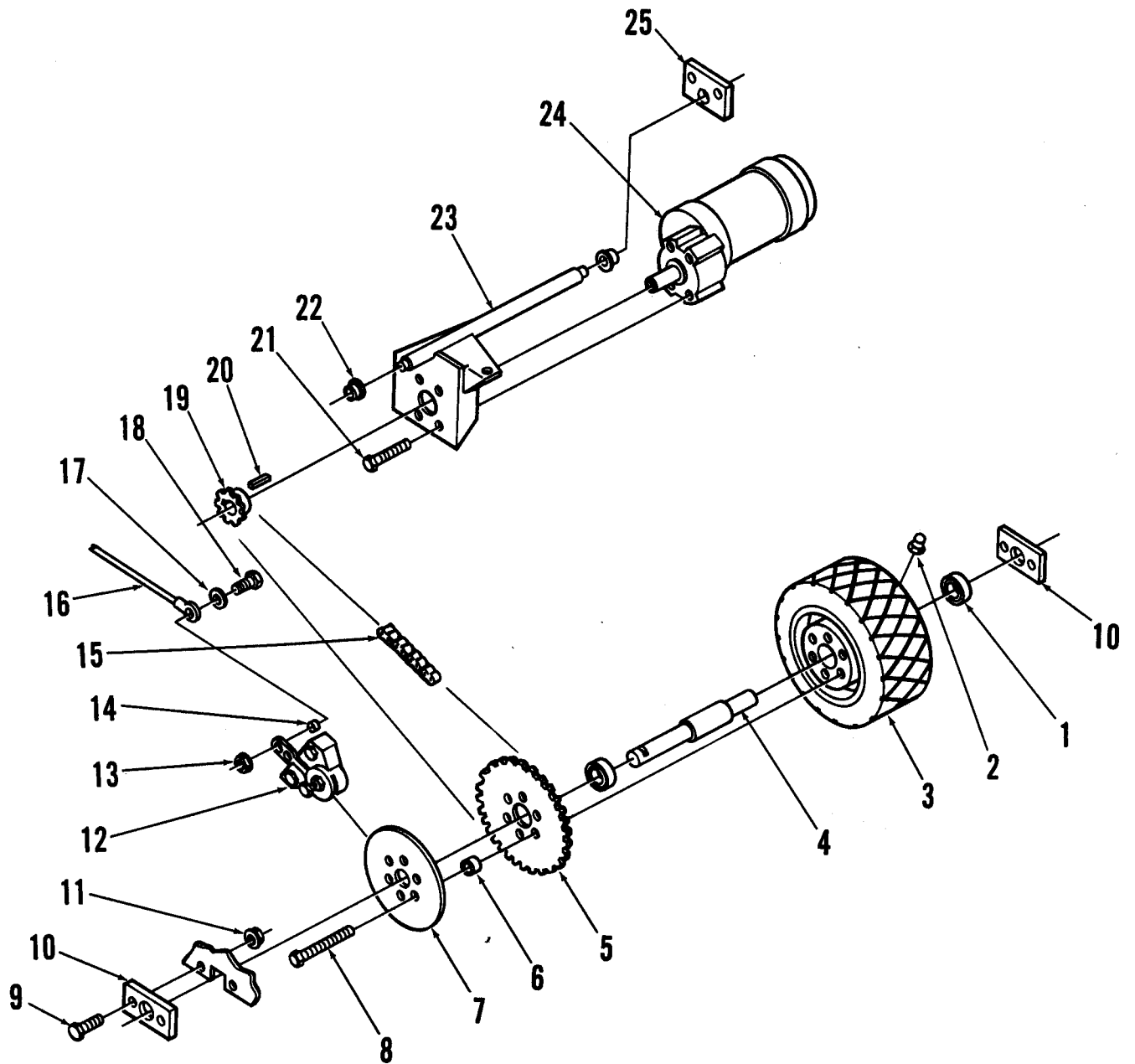
Item	Part No.	Qty	Description
	392528	1	Solution Tank Assembly (#1-10)
1	261204	1	Cover
2	391702	1	Tank
3	016398	1	Emblem
4	025166	1	Decal
5	391796	2	Bumper
	391797	2	Bumper Strap
	391934	1	Bumper Mounting Panel
6	900757	1	Adapter
7	118117	1	Barb
8		2	1/4 Washer
9		2	1/4-20 x .5 Screw
10	391742	1	Stop
11	391737	1	Hinge
12		10	1/4 Washer
13		10	1/4-20 x .5 Screw
14	391735	2	Hinge Pin
15	391740	1	Hinge
16	759060	1	Nut
17	392389	1	Lever
18	185264	2	Bearing
19	391733	1	Bushing
20		1	3/8-16 x 1.5 Bolt
21	163872	1	Bushing
22	391734	1	Rod
23	331076	2	Collar
24	391731	1	Yoke
25		1	1/4-20 x .62 Screw
26	759058	1	Nut
27	391803	1	Hose
28	219932	6	Hose Clamp
29	749202	2	Barb
30	742125	1	Elbow
31	748926	1	Washer
32	249977	1	Gasket
33	392420	1	Bracket
34	454612	1	Valve TSB 500 - G4
35	391836	1	Strap
36		1	#10-24 x .62 Screw
37	900240	1	Elbow
38	118117	2	Barb
39	395870	1	Hose
40	386109	1	Filter
	386108	1	Screen for 386109
41	261263	1	Hose
42	391802	1	Hose
43	471103	2	Spring
44	376320	1	Cable
45	488290	1	Ball Joint



VACUUM MOTOR

Item	Part No.	Qty	Description
1		2	#6-32 x .5 Screw
2		2	#6 Washer
3	391794	1	Cover
4	391808	1	Foam
5	391809	1	Foam
6	391807	1	Foam
7	478246	1	Cable Tie
8	323076	1	Hose
9	440213	1	Hose Clamp
10	385437	1	Gasket
11		6	1/4-20 x .5 Screw
12		6	1/4 Washer
13	392401	1	Motor Mount
14	377474	3	Stand Off
15	377470	1	Vacuum Motor TSB 526 - F14
*	377473	1	Carbon Brush Set for 377470
*	372588	3	Rotating Fan
*	228051	2	Ball Bearing
16	391795	2	Stand Off
17	384898	1	Filter

* = Repair Parts for Vacuum Motor



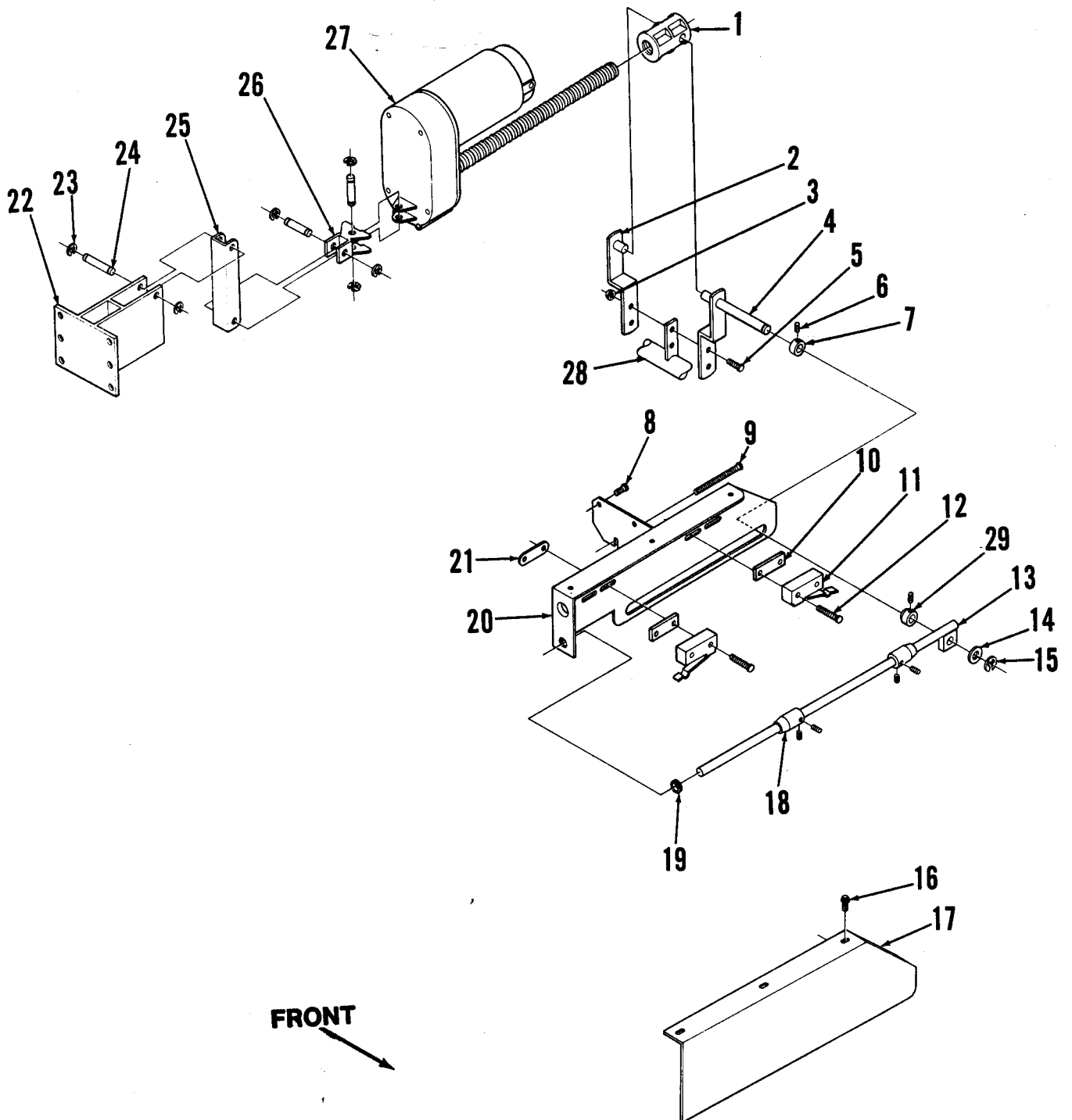
FRONT

DRIVE WHEEL

Item	Part No.	Qty	Description
------	----------	-----	-------------

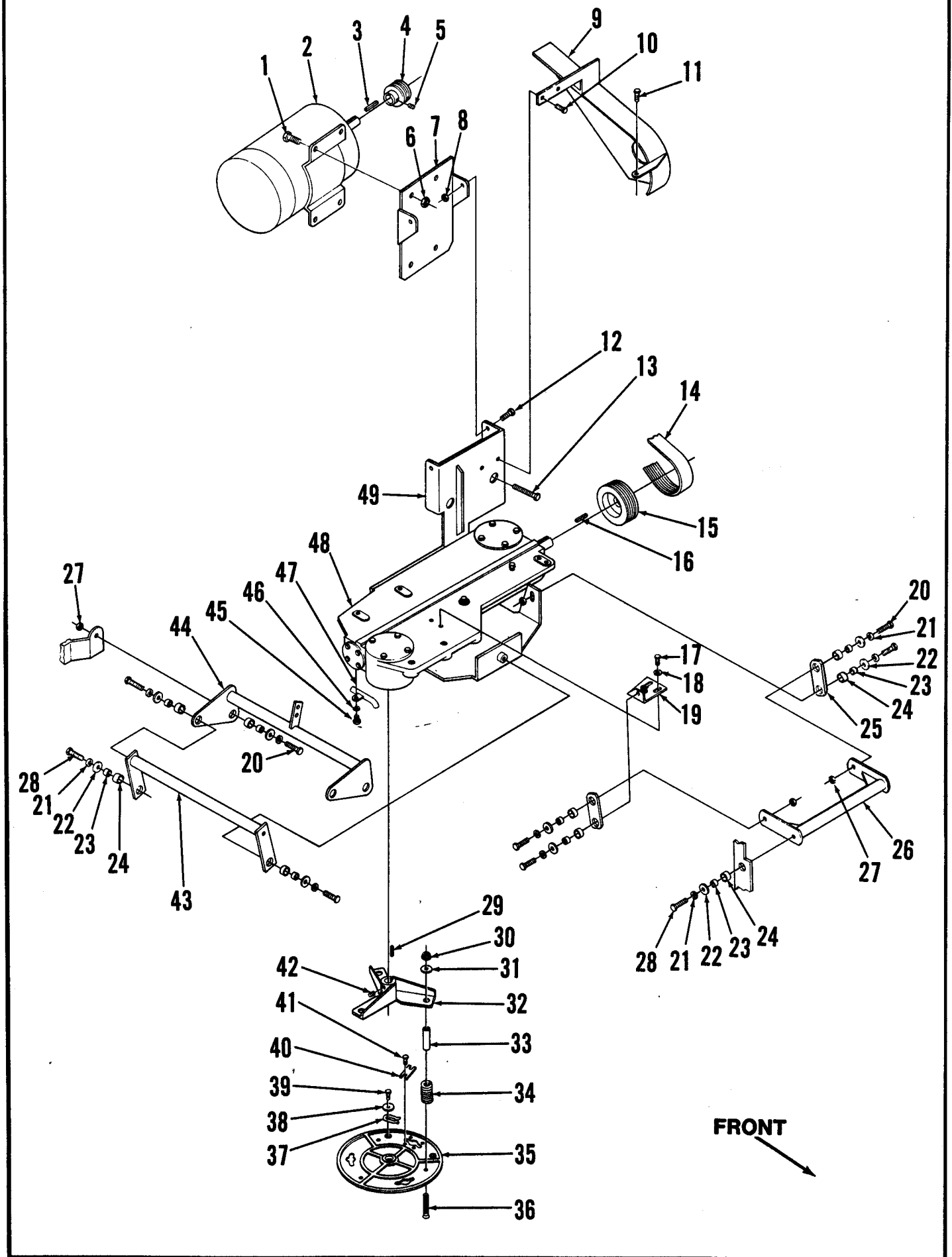
	391538	1	Wheel and Axle Assembly (#1-8)
1	378380	2	Ball Bearing
2	344362	1	Lube Fitting
3	376628	1	Wheel
4	391534	1	Axle
5	388700	1	Sprocket
6	391539	6	Bushing
7	391537	1	Brake Disc
8		6	5/16-18 x 2.75 Bolt
9		4	5/16-18 x .5 Bolt
10	391536	2	Pillow Block
11		4	5/16-18 Nut
12	391301	1	Brake
13		1	#10-24 Nut
14	200123	1	Bushing
15	391310	1	Chain
16	391306	1	Brake Cable
17		1	#10 Washer
18		1	#10-24 x .5 Screw
19	471148	1	Sprocket
20	740168	1	Key
21		4	3/8-16 x 1 Bolt
22	111503	2	Bearing
23	391530	1	Drive Motor Mount
24	388585	1	Motor
	503015	1	Carbon Brush Set for 388585 TSB 506 - G3
25	391535	1	Pillow Block
*		1	Chain Tension Bolt 3/8-16 x 2-1/2

* = Not Shown



BRUSH LIFT MOTOR

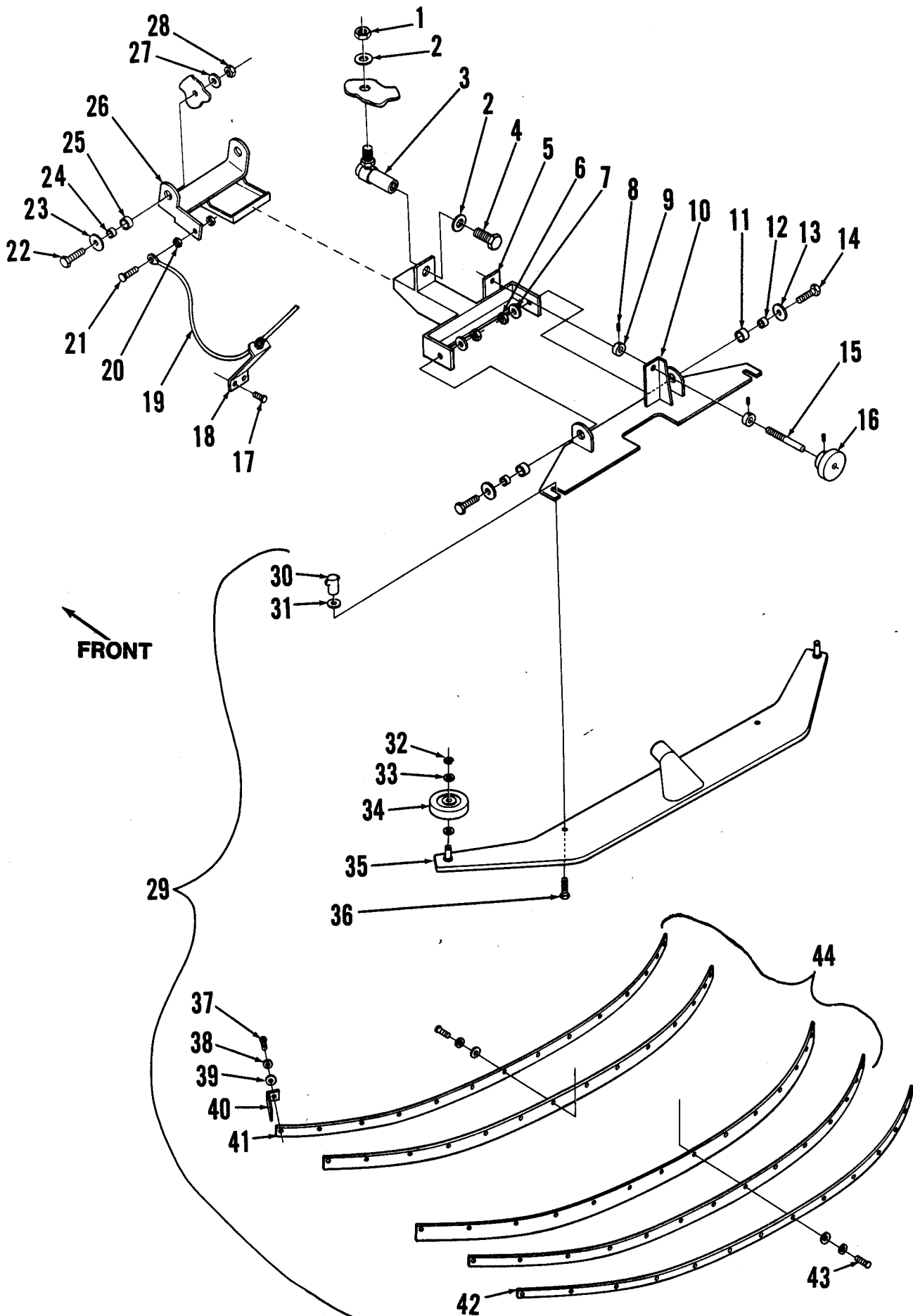
Item	Part No.	Qty	Description
1	388520	1	Nut
2	392480	1	Yoke
3		2	5/16-18 Nut
4	392481	1	Yoke
5		2	5/16-18 x 1 Bolt
6		6	#10-24 x .38 Screw
7	331076	1	Collar
8		2	1/4-20 x .5 Screw
9	900754	1	Bolt
10	392482	2	Spacer
11	388019	2	Switch
12		4	#6-32 x 1 Screw
13	392425	1	Rod
14		1	Spring Washer
15	321427	1	Retaining Ring
16		3	#6-32 x .38 Screw
17	392498	1	Switch Cover
18	388036	2	Collar
19	329098	1	Bushing
20	392421	1	Limit Switch Plate
21	376015	2	Nut Plate
22	392427	1	Motor Mount
23	321427	6	Retaining Ring
24	402995	3	Pin
25	392451	1	Arm
26	392454	1	Yoke
27	392549	1	Brush Lift Motor TSB 540 - F12
*	388517	1	Carbon Brush Kit(used on 392549)
*	470431	1	Carbon Brush Kit(used on 391627)
28	392435	1	Torsion Bar
29	392473	1	Collar



BRUSH DRIVE TRAC 380

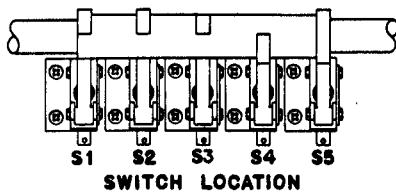
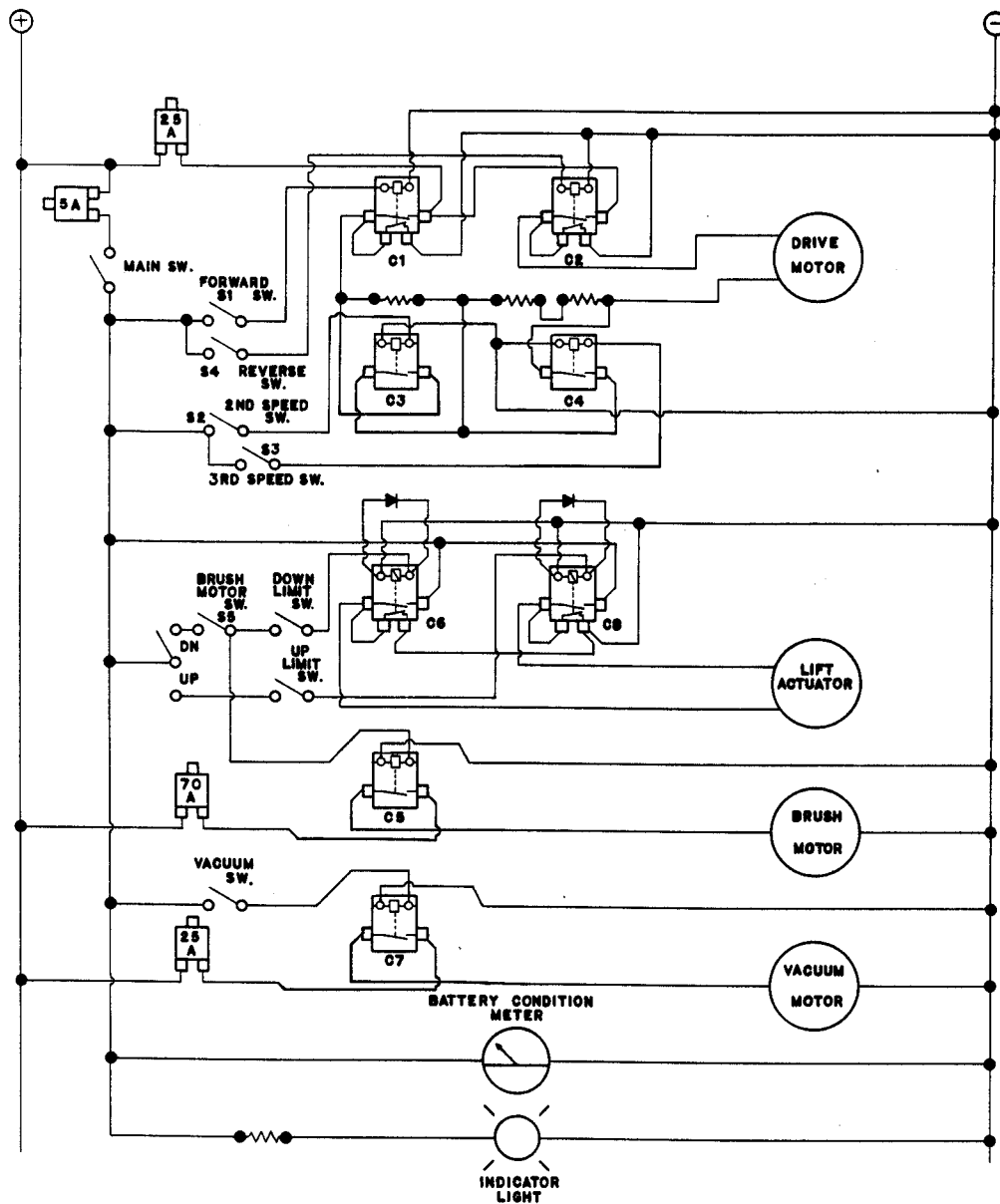
Item	Part No.	Qty	Description	Item	Part No.	Qty	Description
1		4	1/4-20 x .5 Screw	30	759062	6	Nut
2	392489	1	Motor	31	752278	6	Washer
	448721	1	Carbon Brush Set for 392489	32	392396	2	Adapter
3	367958	1	Key	33	392530	6	Spacer
4	392552	1	Sheave	34	392513	6	Spring
5		1	5/16-18 x .38 Bolt	35	391611	2	Brush Holder
6		4	1/4-20 Nut	36	900139	6	Bolt
7	392424	1	Motor Bracket	37	366463	2	Retaining Spring
8		4	5/16-18 Nut	38	151114	2	Washer
9	392488	1	Belt Guard	39		2	#8-32 x .38 Screw
10		2	1/4-20 x .38 Screw	40	366455	4	Stop Plate
11		1	3/8-16 x .5 Bolt	41		8	#6-32 x .38 Screw
12		2	5/16-18 x .5 Bolt	42		3	5/16-18 x .38 Bolt
13	900772	2	Bolt	43	392441	1	Torsion Bar
14	392497	1	Belt TSB 620, F-8	44	392435	1	Torsion Bar
	392565	1	Gear Case Assembly (#15-49)	45		2	3/8-16 x .5 Bolt
15	392400	1	Sheave	46		2	3/8 Washer
16	378704	1	Key	47	391604	2	Solution Pipe
17		2	5/16-18 x .75 Bolt	48	392395	1	Gear Box Assembly
18		2	5/16 Washer	49	392402	1	Cradle Plate
19	392444	1	Bracket	**	505790	2	Pad Holder
20		6	3/8-16 x 1.25 Bolt	**	505791	2	Magna-Grit 46 Brush
21		12	3/8 Lock Washer	**	505792	2	Dyna-Grit 80 Brush
22		12	3/8 Washer	**	505793	2	Aglite-Grit 500 Brush
23	392449	12	Bushing	**	505794	2	Prolene Brush
24	478781	12	Bearing	**	505795	2	Prolite Brush
25	392450	2	Arm	**	505796	2	Union Mix Brush
26	392431	1	Torsion Bar	**	505797	2	MidGrit 240 Brush
27		6	3/8-16 Nut	**	505798	2	MidLite 180 Brush
28		6	3/8-16 x 1 Bolt				
29		2	Key				

** = Not Included



SQUEEGEE AND MOUNT

Item	Part No.	Qty	Description
	391850	1	Squeegee Mount Assembly (#1-16)
1		1	3/4-16 Nut
2		2	3/4 Shakeproof Washer
3	391864	1	Ball Joint
4		1	3/4-16 x 1.25 Bolt
5	391866	1	Mount Bracket
6		2	1/2-13 Nut
7		2	1/2 Shakeproof Washer
8		3	#10-24 x .25 Screw
9	331076	2	Collar
10	391858	1	Mount Plate
11	478781	2	Bearing
12	360627	2	Bushing
13	367214	2	Washer
14		2	1/2-13 x 1.25 Bolt
15	391855	1	Rod
16	475480	1	Knob
17		2	#10-24 x .38 Screw
18	392483	1	Cable Bracket
19	392490	1	Squeegee Lift Cable
20		2	#10-24 Nut
21		1	#10-24 x .62 Screw
22		2	1/2-13 x 1.25 Bolt
23	367214	2	Washer
24	360627	2	Bushing
25	478781	1	Bearing
26	391860	1	Lift Bracket
27		2	1/2 Shakeproof Washer
28		2	1/2-13 Nut
29	392644	1	Squeegee Assembly (#29-44)
30	370711	1	Thumb Nut
31		2	5/16 Washer
32	157060	2	Retaining Ring
33	371009	4	Washer
34	228102	2	Wheel
35	392645	1	Channel
36		2	5/16-18 x 1.25 Bolt
37	209491	12	Screw
38		24	#10 Shakeproof Washer
39		24	#10 Washer
40	377766	2	Angle
41	377742	1	Plastic Strap
42	377734	1	Outer Strap
43	209486	12	Screw
44	377718	1	Blade Kit, Standard
	377716	1	Blade Kit, Oil Resistant
Optional Straight Squeegee Tool & Cartridge			
	392567	1	Complete Straight Squeegee Tool
	377404	1	Straight Squeegee Cartridge



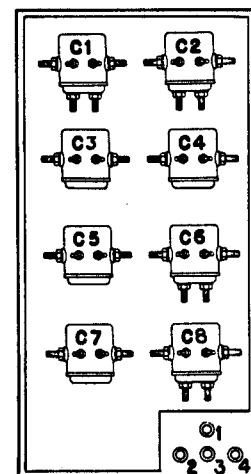
S1 FORWARD
S2 2ND SPEED
S3 3RD SPEED
S4 REVERSE
S5 BRUSH MOTOR

CONTACTORS

C1 FORWARD
C2 REVERSE
C3 2ND SPEED
C4 3RD SPEED
C5 BRUSH MOTOR
C6 BRUSH DOWN
C7 VACUUM MOTOR
C8 BRUSH UP

CIRCUIT BREAKERS

1 BRUSH MOTOR
2 DRIVE MOTOR
3 CONTROL CIRCUIT
4 VACUUM MOTOR



CONTACTOR LOCATION