



## Electronic Service Manuals

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# HydroCat™ 5015

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## **PARTS LIST**

**Advance MODELS 56459020(Battery / Obsolete)  
56459025(Battery Hydro-Max™ / Obsolete)**

This parts list is for machines after serial number 488414



**Nilfisk  
Advance**

*setting standards*

12/91 revised 3/01 Form Number 56042265

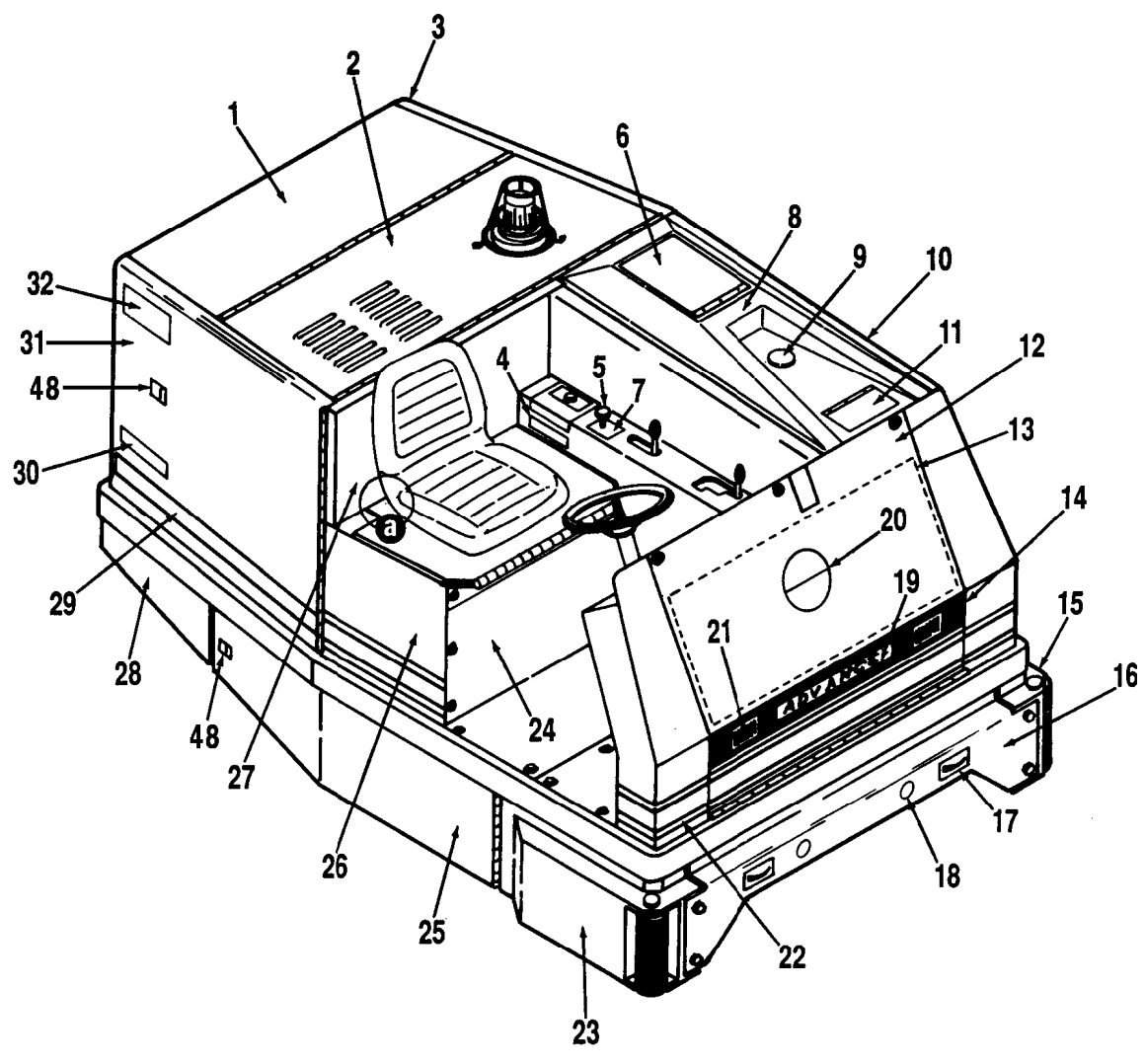
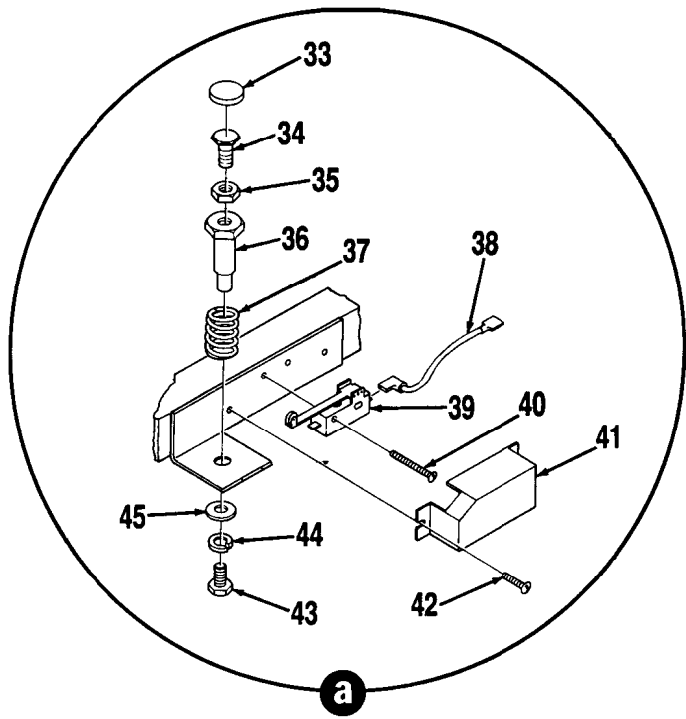
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## WHEN ORDERING PARTS

- \* Use the 8 digit numbers from the "Part 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. \_\_\_\_\_

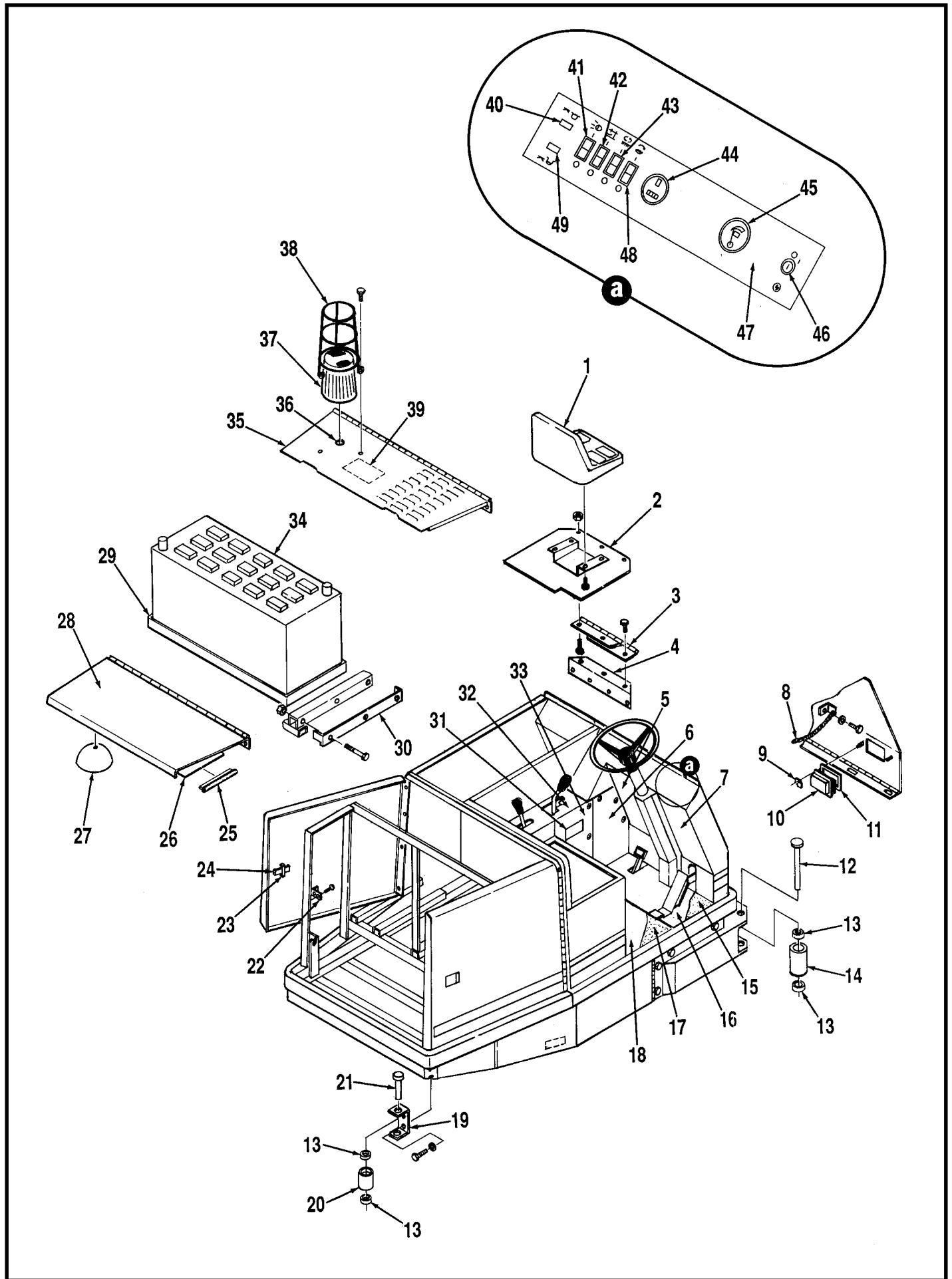


## OUTER BODY I

Item	Part No.	Qty	Description	Item	Part No.	Qty	Description
1	56459348	1	Cover (Standard)	21	56482355	2	Headlight ( <b>OBS / before 9/94</b> )
	56459325	1	Cover ( <b>HydroMax II</b> )	*	56482383	A/R	Replacement Bulb SP-5
*	56325240	1	Wire Rope		56482641	2	Headlight ( <b>used after 9/94</b> )
2	56452114	1	Panel	*	56482642	A/R	Replacement Bulb SP-7
3	56452122	1	Left Panel Assembly	*	56492796	2	Gasket, Headlight
	56452117	1	Left Panel	*	56493061	4	Clamp, Headlight
	56452120	1	Hinge	22	56024007	3	Decal, Grey Stripe
4	56025363	1	Decal, Caution	23	56454926	1	Right Corner Panel
5	56452138	1	Disconnect Assy ( <b>before SN1134901</b> )	24	56455024	1	Panel
	56452281	1	Disconnect Assy ( <b>after SN1134900</b> )	25	56453116	1	Right Panel
				*	56453112	1	Left Panel
6	56459343	1	Cover	26	56452115	1	Seat Panel
7	56014881	1	Decal, Emergency Disconnect	27	56452111	1	Rear Seat Panel
8	56459346	1	Cover	28	56453032	1	Chassis
9	56459363	1	Button Plug ( <b>Standard</b> )	29	56024006	5	Decal, Red & Black Stripe
*	56459362	1	Grommet ( <b>HydroMax II</b> )	30	56015198	2	Decal, HydroMax II
10	56452123	1	Panel	31	56452121	1	Right Panel Assembly
11	56459357	1	Cover		56452116	1	Right Panel
12	56452106	1	Front Panel Assy ( <b>before SN1134901</b> )		56452120	1	Hinge
	56452107	1	Front Panel ( <b>before SN1134901</b> )	32	56015177	2	Decal, Hydro-Cat
	56452280	1	Front Panel Assy ( <b>after SN1134900</b> )	33	56401788	1	Cap
	56452103	1	Front Panel ( <b>after SN1134900</b> )	34	56401783	1	Leveler
				35		1	5/16-18 Nut
13	56015178	1	Decal, Wiring ( <b>before SN1134901</b> )	36	56491204	1	Pin
	56015846	1	Decal, Wiring ( <b>after SN1134900</b> )	37	56491206	1	Spring
				38	56457354	2	Wire
14	56024004	1	Decal, Panel	39	56457364	1	Switch
15	56454927	1	Left Corner Panel	40		2	#6-32 x 7/8 Screw
16	56454691	1	Plate	41	56457374	1	Cover
17	56025336	2	Decal, Flow Control	42		2	#8-32 x 1/4 Screw
18	56030080	2	Decal, Hands Clear	43		1	5/16-18 x 5/8 Bolt
19	56014637	1	Decal, Advance	44		1	5/16 Lock Washer
20	56014513	1	Decal, Logo	45	56180200	1	Washer
				46	56452118	1	Panel
				47	56452124	1	Panel
				48	56493272	4	Latch <b>TSB 760</b>
				*	56453260	1	Overhead Guard Kit**

\* = Not Shown

\*\* = Optional Accessory

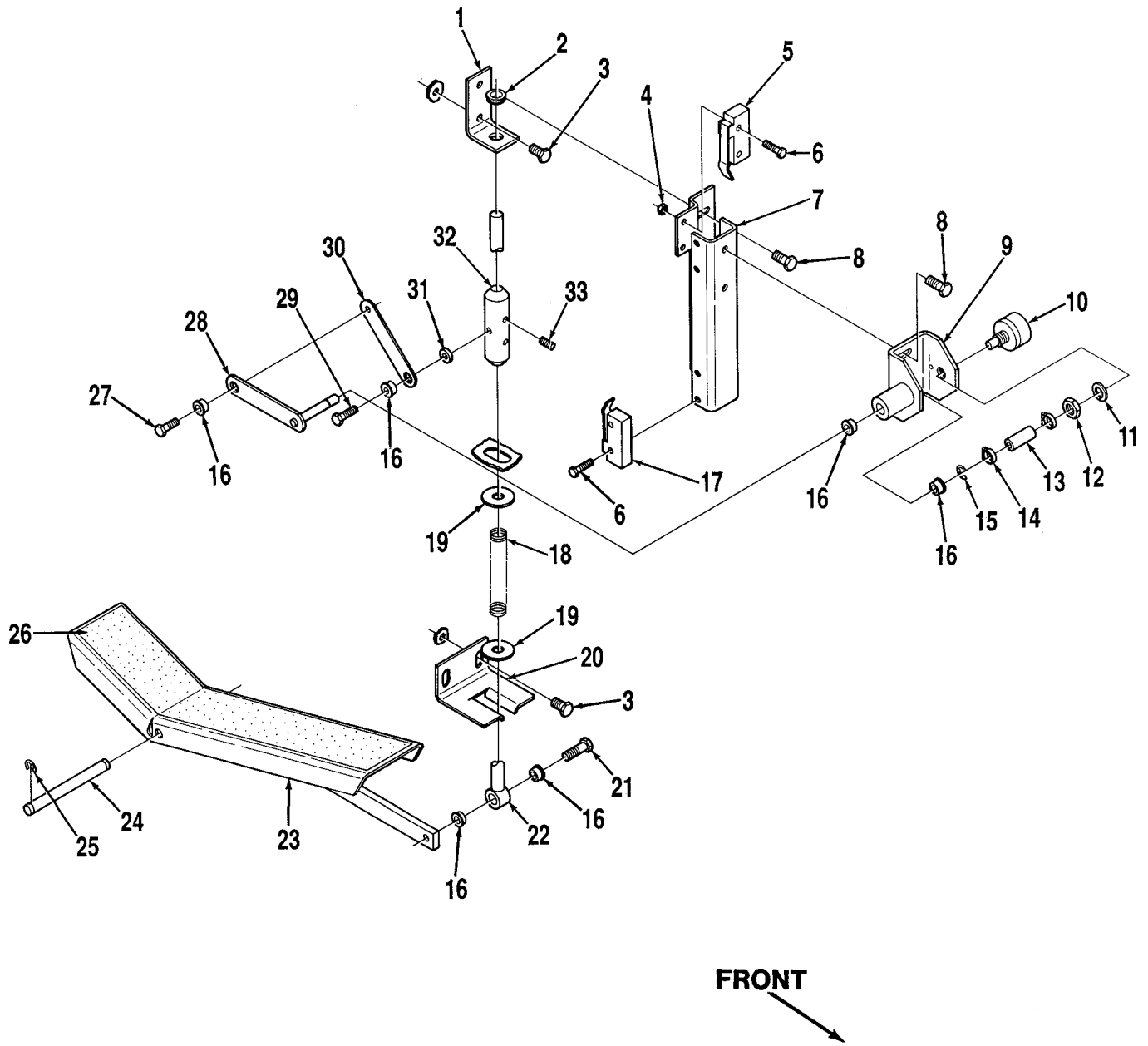


## OUTER BODY II

Item	Part No.	Qty	Description	Item	Part No.	Qty	Description
1	56481346	1	Seat	33	56455021	1	Panel
2	56452196	1	Seat Panel	34	56454400	1	Battery (not included)
3	56457378	1	Hinge		56448130	1	Battery Charger (not included)
4	56452197	1	Angle	35	56452114	1	Panel
5	56452146	1	Panel	36	56570206	1	Grommet
6	56455022	1	Panel	37	56482343	1	Rotating Light <b>TSB 603, G-9</b>
7	56452140	1	Panel	38	56496061	1	Light Guard <b>TSB 603, G-9</b>
8	56454980	1	Chain	39	56014825	1	Decal, Battery
9	56493061	4	Headlight Clamp	40	56452260	1	Indicator Light
10	56482355	2	Headlight	41	56262551	1	Headlight Switch
11	56492796	2	Gasket	42	56261245	1	Squeegee Switch
12	56454889	2	Pin	43	56377003	1	Scrub Brush Switch
	56456855	2	Front Bumper Assy (#13,14)	44	56478363	1	Hour Meter
13	56362352	8	Ball Bearing	45	56448677	1	Battery Meter
14	56456857	2	Bumper	46	56478640	1	Main Switch
15	56452151	1	Floor Mat	47	56015176	1	Decal, Control Panel <b>(before SN1134901)</b>
16	56452150	1	Floor Plate				
17	56452148	1	Floor Mat		56015844	1	Decal, Control Panel <b>(after SN1134900)</b>
18	56452147	1	Floor Plate				
19	56454913	2	Bumper Bracket	48	56262551	1	Recycle Switch ( <b>HydroMax II</b> )
	56454906	2	Rear Bumper Assy (#13,20)	49	56452260	1	Indicator Light ( <b>HydroMax II</b> )
20	56454904	2	Bumper	*	56452181	1	Dash Wiring Harness <b>(before SN1134901)</b>
21	56454916	2	Pin				
22	56455105	2	Strike Latch	*	56452266	1	Dash Wiring Harness <b>(after SN1134900)</b>
23	56455108	2	Clamp				
24	56493272	2	Latch <b>TSB 760</b>	*	56452182	1	Dash Panel
25	56459116	1	Seal ( <b>Standard</b> )	*	56453260	1	Overhead Guard Kit**
26	56459349	1	Plate ( <b>Standard</b> )		56452184	1	Dash Panel Assy ( <b>Std / HM II</b> ) <b>(before SN1134901)</b>
27	56454718	1	Deflector				
28	56459348	1	Cover ( <b>Standard</b> )		56452277	1	Dash Panel Assy ( <b>Std</b> ) <b>(after SN1134900)</b>
	56459325	1	Cover ( <b>HydroMax II</b> )				
29	56454401	1	Battery Tray		56452284	1	Dash Panel Assy ( <b>Hydro-Max II</b> ) <b>(after SN1134900)</b>
30	56454937	2	Battery Bracket				
31	56025122	1	Decal, Parking Brake				
32	56024003	1	Decal, Control Panel				

\* = Not Shown

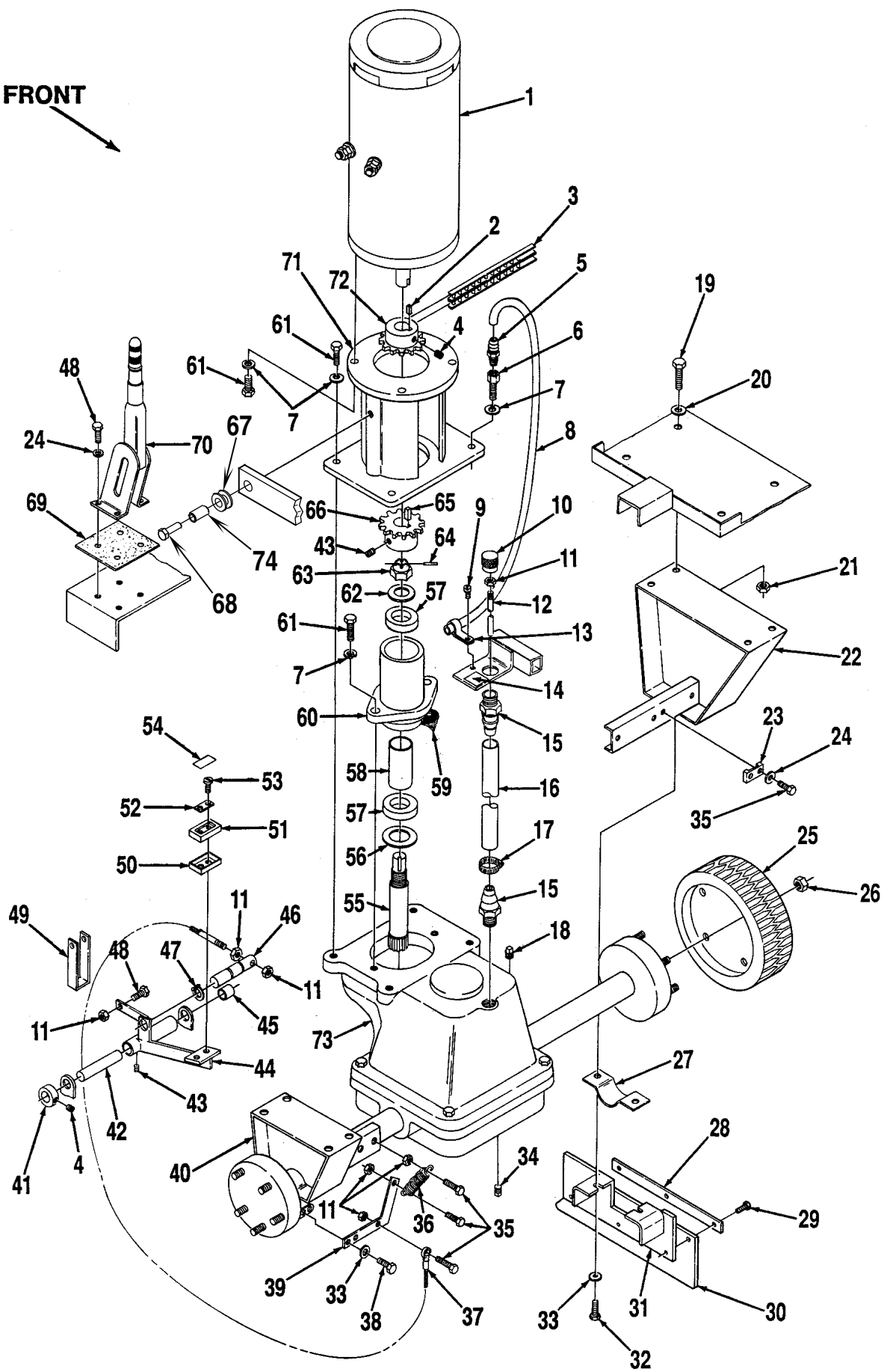
\*\* = Optional Accessory



## DRIVE PEDAL

Item	Part No.	Qty	Description
1	56452154	1	Angle
2	56329098	1	Bearing
3		6	1/4-20 x 1/2 Screw
4		6	1/4-20 Nut
5	56452144	1	Switch
6		6	#6-32 x 7/8 Screw
7	56452168	1	Mount
8		4	1/4-20 x 1/2 HP-5 Screw
	56452172	1	Potentiometer Assembly (#9-16,27)
9	56452161	1	Bracket
10	56452142	1	Potentiometer
11		1	3/8 Lock Washer
12		1	3/8-32 Nut
13	56454036	1	Coupler
14	56756364	2	Hose Clamp
15	56321125	1	Retaining Ring
16	56756318	6	Flanged Bearing
17	56452144	2	Switch
18	56452141	2	Spring
19		2	3/8 Flat Washer
20	56452167	1	Bracket
21		1	1/4-20 x 3/4 HP-5 Screw
22	56452164	1	Shaft
23	56452174	1	Pedal
24	56454010	1	Pin
25	56373797	2	Retaining Ring
26	56452170	1	Pedal Mat
27		1	#10-24 x 1/2 Screw
28	56452157	1	Linkage
29		1	#10-24 x 3/4 Screw
30	56452158	1	Strap
31		1	#10 Flat Washer
32	56452153	1	Collar
33		2	#10-24 x 9/16 Set Screw

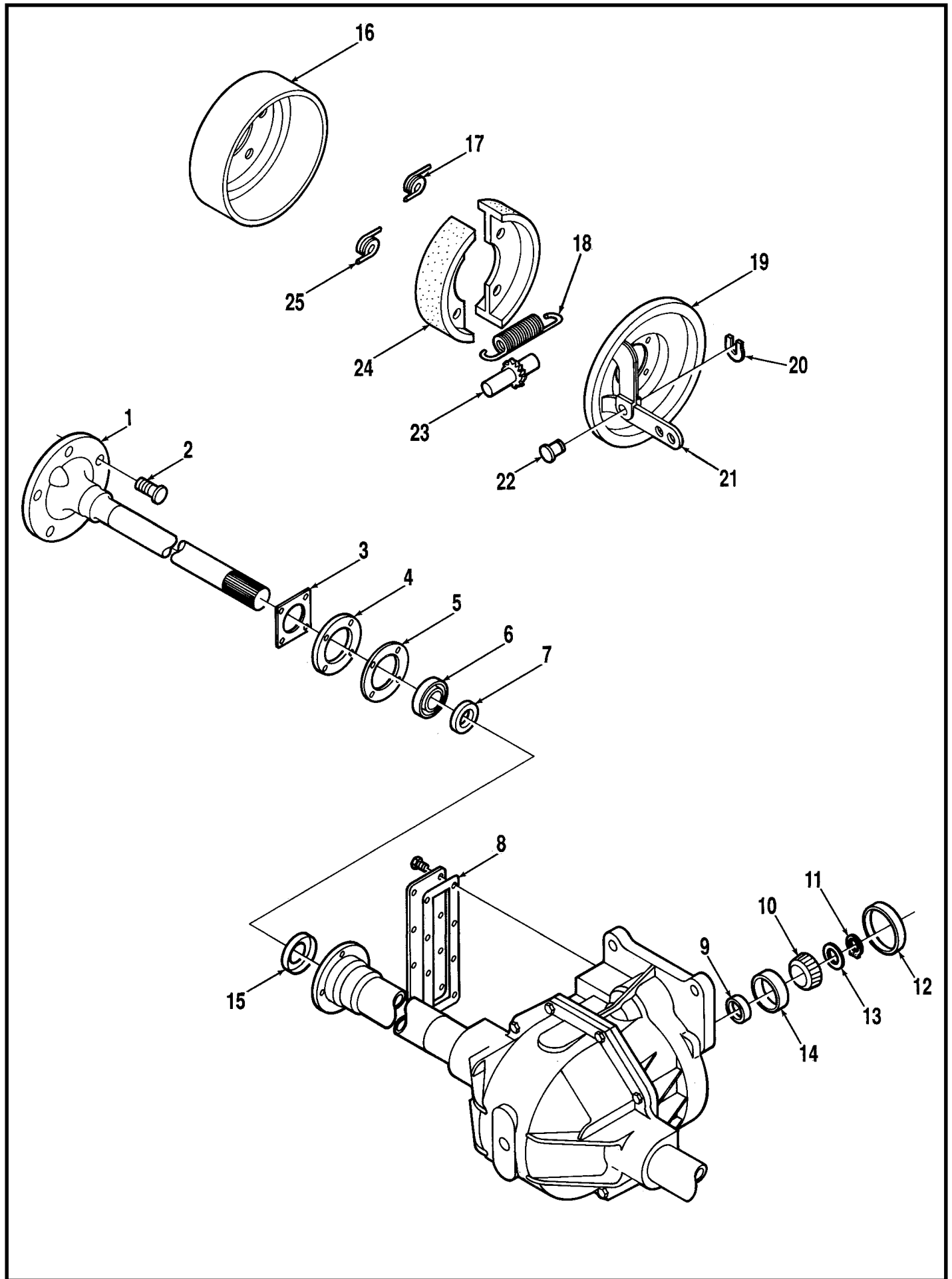
FRONT



# TRANSAXLE

Item	Part No.	Qty	Description	Item	Part No.	Qty	Description
1	56454484	1	Drive Motor	40	56453435	1	Right Bracket
*	56454485	1	Carbon Brush (set of 8)	41	56367354	2	Collar
2	56443719	1	Key	42	56453958	1	Rod
3	56480820	1	Chain Coupler	43		4	1/4-20 x 1/4 Set Screw
4		4	5/16-18 x 5/16 Set Screw	44	56453950	1	Lever
5	56477522	1	Barb	45	56478781	2	Bearing
6	56453487	1	Screw	46	56453966	1	Pin
7		10	3/8 Lock Washer	47	56468834	2	Retaining Ring
8	56492744	1	Tube	48		5	1/4-20 x 3/4 Screw
9		1	#10-32 x 3/4 Screw	49	56453964	1	Strap
10	56453483	1	Knob	50	56365083	1	Cup
11		10	1/4-20 Nut	51	56365082	1	Rubber Pad
12	56453478	1	Rod	52	56365081	1	Plate
13	56342319	1	Tube Clamp	53		2	1/4-20 x 3/4 Flat Head Screw
14	56025354	1	Decal, Oil Fill	54	56025122	1	Decal, Brake Pedal
15	56453485	2	Barb	55	56453406	1	Shaft
16	56453475	1	Tube	56	56378399	1	Retaining Ring
17	56112771	1	Hose Clamp	57	56479430	2	Ball Bearing
18	56106046	1	1/8 Pipe Plug	58	56453423	1	Spacer
19		8	3/8-16 x 3/4 Bolt	59	56453419	1	Gasket
20		8	3/8 Flat Washer	60	56453401	1	Shaft Housing
21		8	3/8 Whiz Nut	61		10	3/8-16 x 1 Bolt
22	56453430	1	Left Bracket	62		1	7/8 Flat Washer
23	56477884	4	Cable Clamp	63	56110817	1	Castle Nut
24		14	1/4 Flat Washer	64		1	3/16 x 2 Cotter Pin
25	56452201	2	Wheel Assembly, includes:	65	56740168	1	Key
	56452200	2	Tire	66	56453409	1	Sprocket
	56452199	2	Hub	67	56453254	2	Grommet
26	56453469	10	Lug Nut	68		2	1/2-13 x 1 Bolt
27	56453472	2	Strap	69	56454956	1	Floor Mat
28	56459352	2	Strap	70	56448200	1	Brake Lever
29		6	1/4-20 x 1 Screw	71	56454490	1	Motor Adapter
30	56459351	2	Blade	72	56453410	1	Sprocket
31	56459356	1	Left Bracket	73	56453413	1	Hydrostatic Axle
*	56459355	1	Right Bracket	74	56367206	2	Bushing
32		8	5/16-18 x 1 Bolt				
33		12	5/16 Lock Washer				
34	56113182	1	1/2 Pipe Plug				
35		16	1/4-20 x 7/8 Screw				
36	56448112	2	Spring				
37	56468460	2	Cable				
38		4	5/16-18 x 3/4 Bolt				
39	56453460	2	Lever				

\* = Not Shown

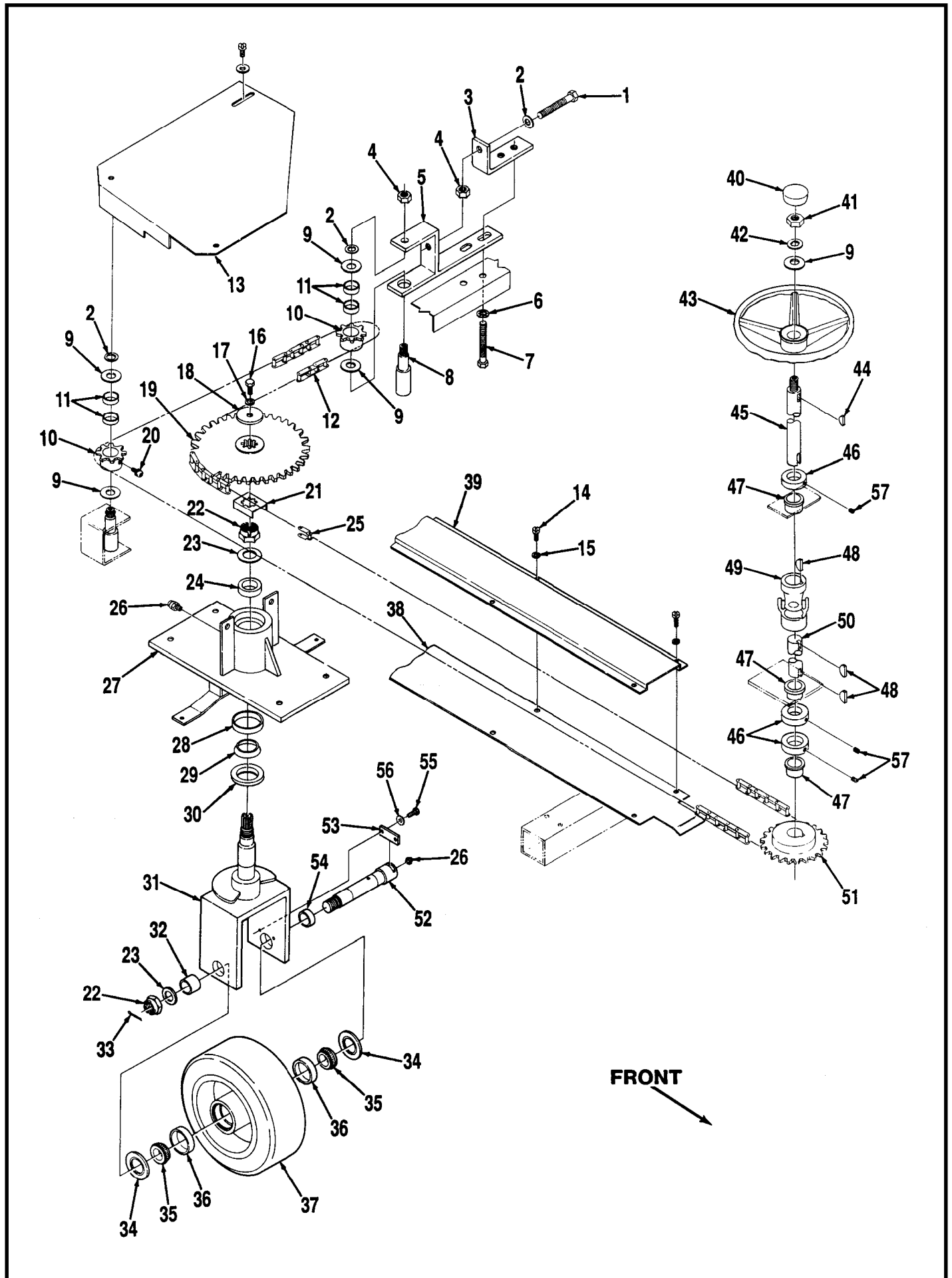


## DIFFERENTIAL AND BRAKES

Item	Part No.	Qty	Description
1	56455156	2	Axle Shaft
2	56455155	10	Wheel Bolt
3	56455157	2	Wiper Seal
4	56503022	2	Brake Mount Casting <b>NOTE 2</b>
5	56455160	2	Gasket <b>NOTE 1</b>
6	56455158	2	Bearing
7	56455159	2	Wheel Bearing Retaining Ring
8	56455153	1	Side Cover Gasket
9	56455146	1	Bearing Spacer
10	56455148	1	Bearing
11	56455150	1	Snap Ring
12	56455151	1	Expansion Plug
13	56455149	1	Shim
14	56455147	1	Bearing Race
15	56455161	2	Oil Seal
16	56453414	2	Brake Drum
17	56453437	2	Spring
18	56453439	2	Extension Spring
19	56453440	2	Dust Shield
20	56453427	2	Retainer
21	56453425	2	Lever
22	56453429	2	Pin
23	56453415	2	Adjuster
24	56453421	4	Brake Shoe
25	56453433	2	Spring

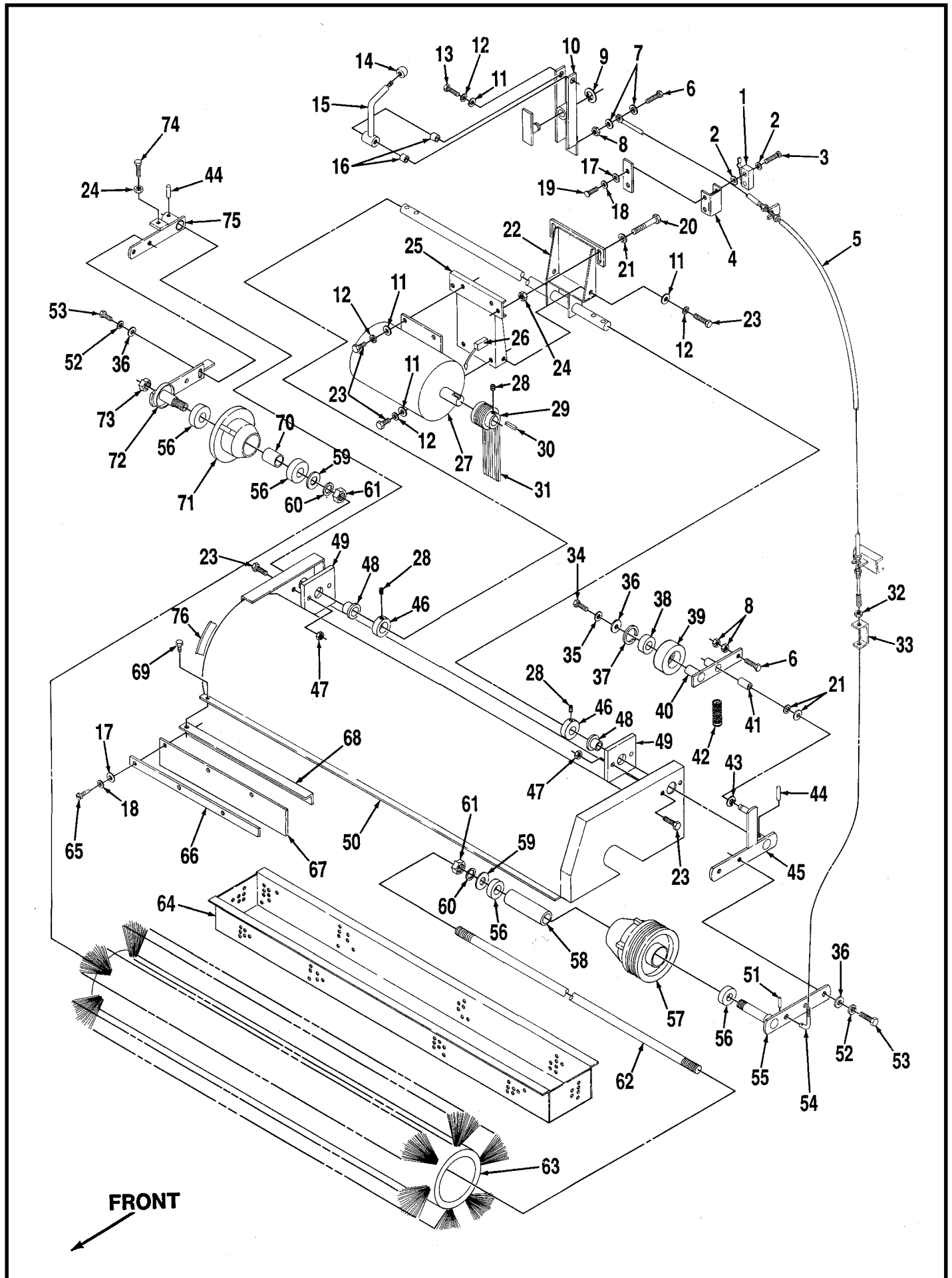
**NOTE #1:** Gasket PN 56455160 is no longer used. Reassemble using a 1/16" (1.5 mm) bead of silicone sealant.

**NOTE #2:** The correct part illustration is not shown for PN 56508022, order by description.



## STEERING AND SPINDLE ASSEMBLY

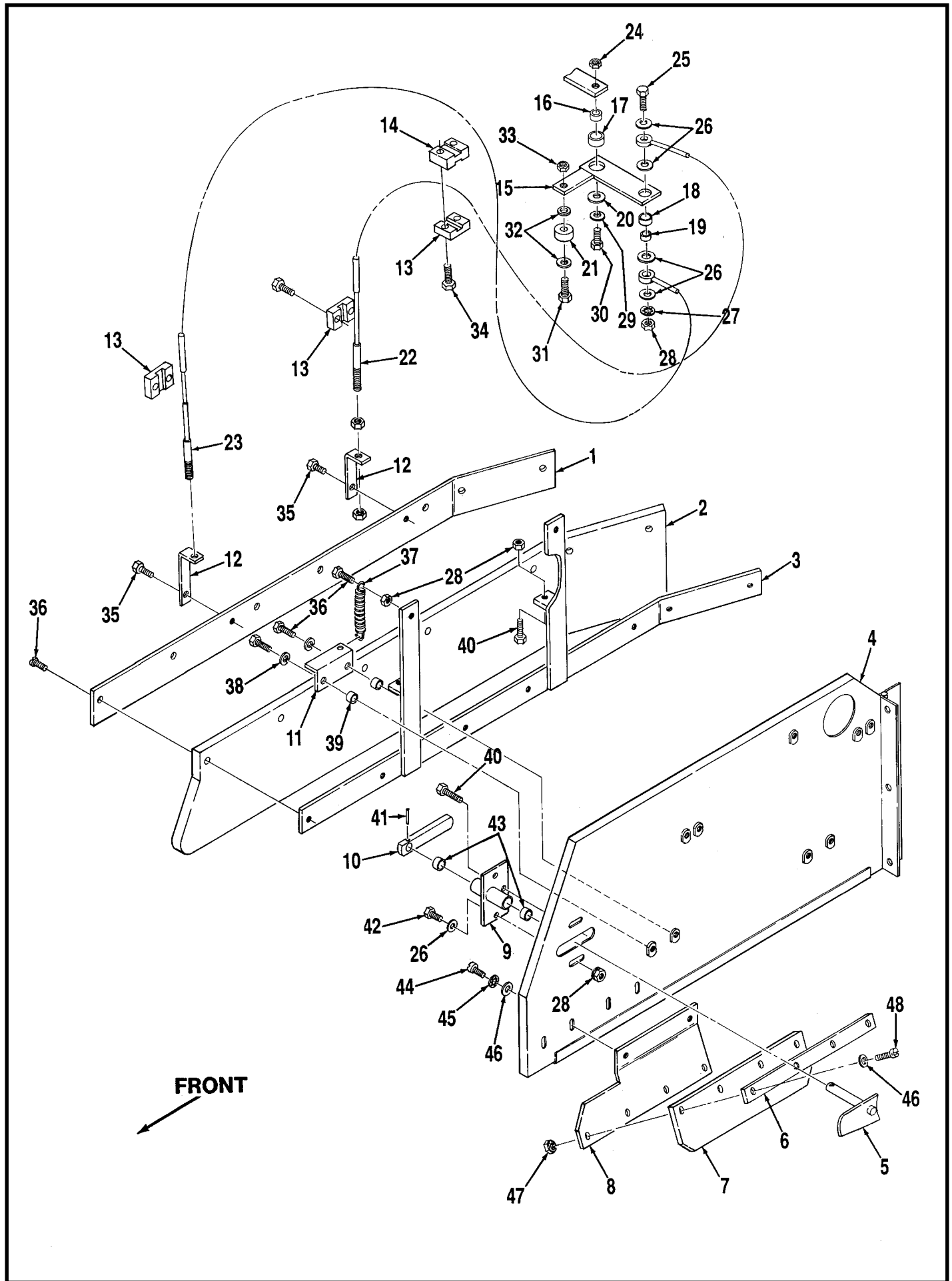
Item	Part No.	Qty	Description	Item	Part No.	Qty	Description
1		1	3/8-16 x 2 Bolt	32	56453561	1	Bushing
2		3	3/8 Flat Washer	33	56002181	1	1/8 x 1-1/2 Cotter Pin
3	56454118	1	Angle	34	56448169	2	Seal
4		3	3/8-16 Jam Nut	35	56448171	2	Bearing
5	56454121	1	Bracket	36	56900073	2	Bearing Race
6		2	5/16 Shakeproof Washer	37	56453520	1	Wheel <b>TSB 712</b>
7		2	5/16-18 x 2-3/4 Bolt		56453522	1	Wheel Assembly ( <b>#34-37</b> ) <b>TSB 712</b>
8	56454109	2	Pin	38	56454103	1	Chain Guard
9		5	1/2 Flat Washer	39	56454106	1	Chain Guard
10	56454078	2	Sprocket	40	56449774	1	Steering Wheel Cap
11	56366633	4	Bearing	41		1	1/2-20 Nut
12	56454100	1	Steering Chain	42		1	1/2 Shakeproof Washer
13	56454130	1	Guard	43	56477773	1	Steering Wheel <b>TSB 649, G-3</b>
14		8	#10-24 x 5/8 Screw	44	56154083	1	Woodruff Key
15		8	#10 Lock Washer	45	56454093	1	Shaft
16		1	1/4-20 x 7/8 Screw	46	56367095	3	Collar
17		1	1/4 Lock Washer	47	56250414	3	Bearing
18	56455556	1	Spacer	48	56124028	3	Woodruff Key
19	56453526	1	Sprocket	49	56454081	1	U-Joint
20	56101737	2	Grease Fitting	50	56454096	1	Shaft
21	56453542	1	Lock Tab	51	56454098	1	Sprocket
22	56110817	2	Castle Nut	52	56453563	1	Axle <b>TSB 712</b>
23	56002228	2	7/8 Flat Washer	53	56453562	1	Retainer <b>TSB 637, G-4</b>
24	56378380	1	Ball Bearing	54	56448167	1	Bushing
25	56445118	1	Link	55	56002155	2	1/4-20 x 3/4 Screw
26	56344362	2	Grease Fitting	56	56001907	2	1/4 Lockwasher
27	56453558	1	Housing	57		3	5/16-18 x 1/2 Set Screw
28	56900074	1	Bearing Race				
29	56101370	1	Bearing				
30	56103845	1	Seal				
31	56453552	1	Spindle <b>TSB 712</b>				



## BROOM HOUSING

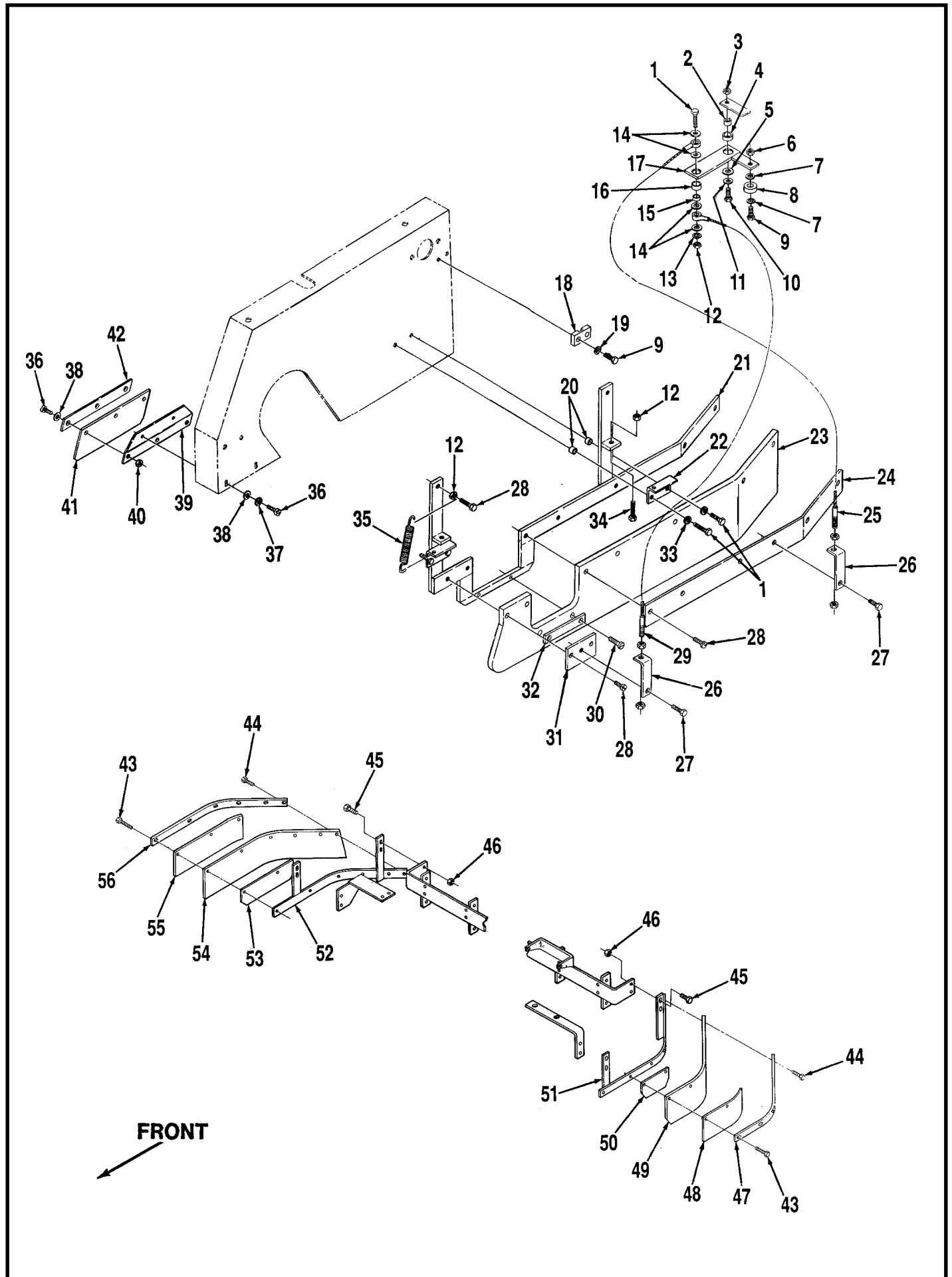
Item	Part No.	Qty	Description	Item	Part No.	Qty	Description
1	56388019	1	Switch	42	56448112	1	Extension Spring
2		4	#6 Shakeproof Washer	43	56321427	1	Retaining Ring
3		2	#6-32 x 7/8 Screw	44		4	3/16 x 2 Spring Pin
4	56454154	1	Switch Bracket	45	56453730	1	Lever
5	56454150	1	Cable	46	56444820	2	Collar
6		2	1/4-20 x 1 Screw	47		4	5/16-18 Nut
7		2	1/4 Flat Washer	48	56444944	2	Flange Bearing
8		3	1/4-20 Nut	49	56479273	2	Pillow Block
9	56478775	1	Retaining Ring	50	56453700	1	Broom Housing
10	56454142	1	Bar	51		3	1/16 x 3/4 Cotter Pin
11		10	5/16 Flat Washer	52		4	5/16 Lock Washer
12		10	5/16 Shakeproof Washer	53		4	5/16-18 x 7/8 Bolt
13		2	5/16-18 x 3/4 Bolt	54	56350079	1	Linkage Rod
14	56364527	1	Knob	55	56453759	1	Arm
15	56454133	1	Handle		56453765	1	Arm Assembly (#55-61)
16	56320595	2	Bushing	56	56479430	4	Bearing
17		10	#10 Flat Washer	57	56453767	1	Drive Hub
18		10	#10 Shakeproof Washer	58	56453763	1	Spacer
19		2	#10-24 x 1/2 Screw	59		2	3/4 Flat Washer
20		2	3/8-16 x 2-1/2 Bolt	60		2	3/4 Star Washer
21		4	3/8 Flat Washer	61		2	3/4-10 Nut
22	56453780	1	Mount	62	56453770	1	Rod
23		10	5/16-18 x 1 Bolt	63	56505001	1	Main Broom
24		4	3/8-16 Nut	64	56459244	1	Hopper
25	56453779	1	Motor Mount	65	56209485	7	Screw
26	56468382	1	Carbon Brush Set	66	56459156	1	Strap
*	56454492	1	Brush Spring Set	67	56459157	1	Front Blade
27	56454457	1	Motor	68	56459158	1	Angle
28		4	5/16-18 x 5/16 Set Screw	69		2	1/4-20 x 3/8 Screw
29	56453772	1	Sheave	70	56470728	1	Bushing
30	56367958	1	Key	71	56470636	1	Idler Lug
31	56453615	1	Poly-V Belt	72	56453750	1	Idler Arm
32		2	#10-24 Nut		56453760	1	Arm Assembly (#70-73, 56)
33	56454152	1	Turnbuckle	73	56453771	1	Nut
	56453722	1	Idler Assembly (#34-40)	74		2	3/8-16 x 1 Bolt
34		1	1/4-20 x 1/2 Screw	75	56453742	1	Lever
35		1	1/4 Lock Washer	76	56472091	1	Gasket
36	56152781	5	Washer				
37	56456326	1	Retaining Ring				
38	56372773	1	Ball Bearing				
39	56171216	1	Pulley				
40	56453721	1	Lever				
41	56200972	1	Bearing				

\* = Not Shown



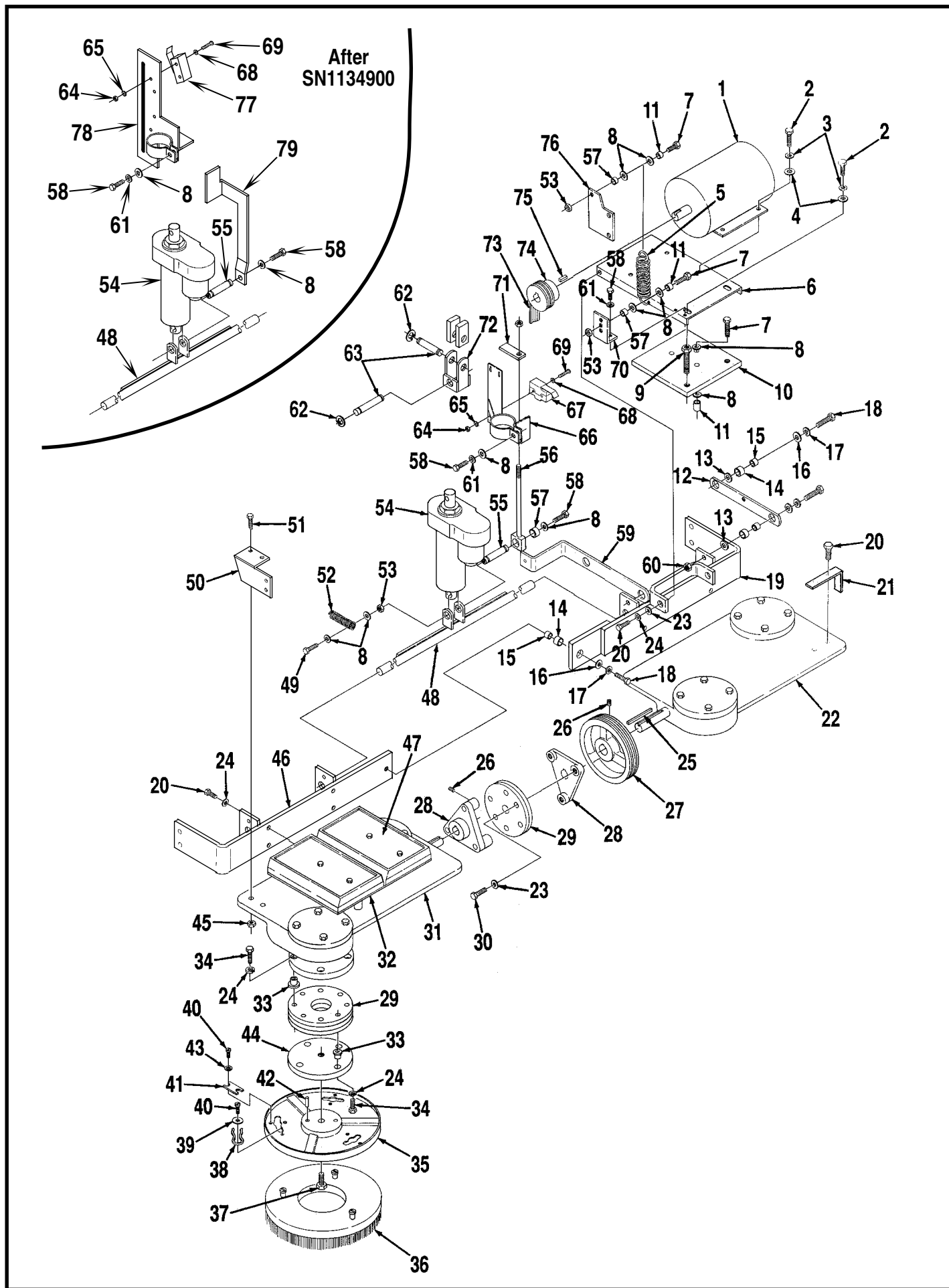
## RIGHT SKIRT AND DOOR

Item	Part No.	Qty	Description	Item	Part No.	Qty	Description
1	56458904	1	Strap	23	56468460	1	Cable
2	56458908	1	Skirt	24		1	1/2-13 Nut
			Replacement Skirt Kits	25		1	1/4-20 x 1-1/2 Screw
			(contain 1 each right & left skirts)	26		6	1/4 Flat Washer
	56458922	1	Gum Rubber Skirt Kit	27		1	1/4 Shakeproof Washer
	56458924	1	Urethane Skirt Kit	28		7	1/4-20 Nut
3	56458906	1	Bracket	29		1	1/2 Lock Washer
4	56453676	1	Door	30		1	1/2-13 x 1-1/2 Bolt
5	56453690	1	Latch	31		1	5/16-18 x 1-1/2 Bolt
6	56453862	1	Strap	32	56459239	1	Guide
7	56459415	1	Skirt	33		1	5/16-18 Nut
8	56453854	1	Plate	34		6	5/16-18 x 1 Bolt
9	56453680	1	Bracket	35		2	1/4-20 x 3/8 Screw
10	56479371	1	Handle	36		13	1/4-20 x 3/4 Screw
11	56459173	2	Bracket	37	56370746	4	Spring
12	56453831	2	Linkage	38		4	1/4 Lock Washer
13	56477884	4	Cable Clamp	39	56453691	4	Spacer
14	56453843	2	Cable Clamp	40		3	1/4-20 x 1 Screw
15	56453703	1	Lever	41		1	1/8 x 3/4 Pin
16	56365030	1	Bushing	42		2	1/4-20 x 1/2 Screw
17	56478781	1	Bearing	43	56491658	2	Bearing
18	56368970	1	Bearing	44		2	#10-24 x 3/8 Screw
19	56453849	1	Bushing	45		2	#10 Shakeproof Washer
20	56367214	1	Washer	46		6	#10 Flat Washer
21	56228051	1	Bearing <b>TSB 630, G-5</b>	47		4	#10-24 Nut
22	56453845	1	Cable	48		4	#10-24 x 1/2 Screw



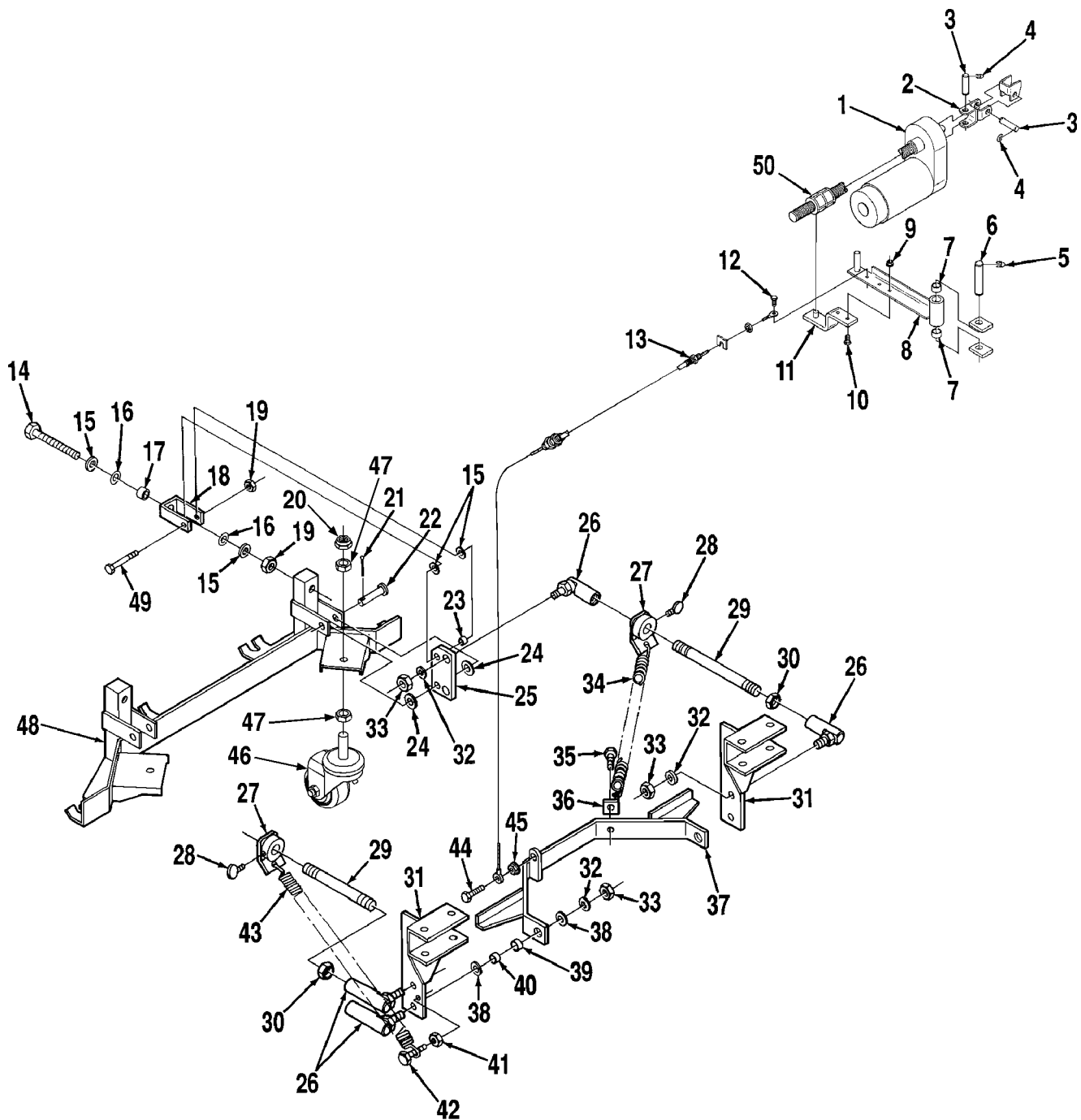
## LEFT AND FRONT SKIRTS

Item	Part No.	Qty	Description	Item	Part No.	Qty	Description
1		5	1/4-20 x 1-1/2 Screw	45		8	1/4-20 x 1 Screw
2	56365030	1	Bushing	46		8	1/4-20 Nut
3		1	1/2-13 Nut	47	56458874	1	Left Strap
4	56478781	1	Bearing	48	56458930	1	Left Back-Up Skirt
5	56367214	1	Washer	49	56458928	1	Left Front Skirt
6		1	5/16-18 Nut		56458880	1	Left Skirt Assembly (#43,44,47-51) Replacement Front Skirt Kits (contains 1 each , #48,49,54,55)
7	56459239	2	Guide				
8	56228051	1	Bearing <b>TSB 630, G-5</b>				
9		5	5/16-18 x 1 Bolt		56458918	1	Gum Rubber Skirt Kit
10		1	1/2-13 x 1-1/2 Bolt		56458920	1	Urethane Skirt Kit
11		1	1/2 Lock Washer	50	56458934	1	Left Plate
12		5	1/4-20 Nut	51	56458852	1	Left Bracket
13		1	1/4 Shakeproof Washer	52	56458850	1	Right Bracket
14		4	1/4 Flat Washer	53	56458936	1	Right Plate
15	56453849	1	Bushing	54	56458840	1	Right Front Skirt
16	56368970	1	Bearing		56458878	1	Right Skirt Assembly (#43,44,52-56)
17	56453703	1	Lever	55	56458932	1	Right Back-Up Skirt
18	56453843	2	Cable Clamp	56	56458844	1	Right Strap
19		4	5/16 Flat Washer				
20	56453691	4	Spacer				
21	56458888	1	Bracket				
22	56459173	2	Strap				
23	56458896	1	Skirt				
			Replacement Side Skirt Kits (contain 1 each right & left skirts)				
	56458922	1	Gum Rubber Skirt Kit				
	56458924	1	Urethane Skirt Kit				
24	56458900	1	Strap				
25	56453845	1	Cable				
26	56453831	2	Linkage				
27		2	1/4-20 x 3/8 Screw				
28		19	1/4-20 x 3/4 Screw				
29	56468460	1	Cable				
30		2	#10-24 x 3/4 Screw				
31	56458898	1	Strap				
32	56459257	1	Strap				
33		4	1/4 Lock Washer				
34		2	1/4-20 x 1 Screw				
35	56370746	4	Spring				
36		6	#10-24 x 1/2 Screw				
37		2	#10 Shakeproof Washer				
38		6	#10 Flat Washer				
39	56453852	1	Plate				
40		4	#10-24 Nut				
41	56453868	1	Skirt				
42	56453859	1	Strap				
43		6	1/4-20 x 1-1/4 HP-5 Screw				
44		6	1/4-20 x 1 HP-5 Screw				



## BRUSH DRIVE

Item	Part No.	Qty	Description	Item	Part No.	Qty	Description
1	56454454	1	Brush Drive Motor <b>(before Sept. 1997)</b>	37		4	5/8-16 x 1-1/2 Bolt
	56409126	1	Brush Drive Motor <b>(after Sept. 1997)</b>	38	56366463	4	Spring Retainer
2		6	5/16-18 x 3/4 Bolt	39	56151114	4	Washer
3		6	5/16 Shakeproof Washer	40		12	#10-24 x 3/8 Screw
4		6	5/16 Flat Washer	41	56366455	4	Plate
5	56381993	1	Spring	42	56362077	8	Pin
6	56395007	1	Motor Mount <b>(before Sept. 1997)</b>	43		8	#10 Shakeproof Washer
	56459448	1	Motor Mount <b>(after Sept. 1997)</b>	44	56448263	4	Lower Coupler
7		5	1/4-20 x 1-1/2 Screw	45		6	5/16-18 Nut
8		12	1/4 Flat Washer	46	56458868	1	Right Gear Case Bracket
9	56378631	2	Stud	47	56453907	3	Weight
10	56453903	1	Plate	48	56453912	1	Bar
11	56321532	3	Bushing	49		1	1/4-20 x 1 Screw
12	56453909	7	Parallel Bar	50	56458860	1	Plate
13	56367214	16	Washer	51		2	5/16-18 x 1 Bolt
14	56367168	17	Bearing	52	56370355	1	Spring
15	56367206	17	Bushing	53		5	1/4-20 Nut
16		17	1/2 Flat Washer	54	56452185	1	Actuator
17		17	1/2 Shakeproof Washer	55	56453998	1	Pin
18		17	1/2-13 x 1-1/2 Bolt	56	56452250	1	Shaft <b>(before SN1134901)</b>
19	56458866	1	Left Gear Case Bracket	57	56368989	3	Bushing
20		12	3/8-16 x 1 Bolt				<b>(qty. of 2 after SN1134900)</b>
21	56458854	1	Strap	58		4	1/4-20 x 3/4 Screw
22	56453855	1	Left Gear Case <b>TSB 560 - G12</b>	59	56454169	1	Bar
			<b>TSB611-G6</b>	60		17	1/2-13 Nut
23		8	3/8 Flat Washer	61		3	1/4 Lock Washer
24		34	3/8 Lock Washer	62	56468834	6	Retaining Ring
25	56455456	2	Key <b>(before SN 0564261)</b>	63	56468684	2	Pin
	56404381	2	Key <b>(after SN 0564260)</b>	64		2	#6-32 Nut
26		14	5/16-18 x 5/16 Set Screw	65		2	#6 Shakeproof Washer
27	56453891	1	Sheave <b>(before SN 0564261)</b>	66	56452246	1	Bracket <b>(before SN1134901)</b>
	56379735	1	Sheave <b>(after SN 0564260)</b>	67	56455112	2	Switch <b>(before SN1134901)</b>
	56459445	1	Sheave <b>(after Sept. 1997)</b>	68		2	#6 Flat Washer
28	56453894	2	Universal Casting	69		2	#6-32 x 1 Screw
			<b>(before SN 0564261)</b>	70	56453922	1	Bracket
	56462527	2	Universal Casting	71	56453996	1	Bar <b>(before SN1134901)</b>
			<b>(after SN 0564260)</b>	72	56454178	1	Yoke
29	56104647	14	Disc	73	56378852	1	Belt <b>(before Sept. 1997)</b>
30		6	3/8-16 x 1-1/4 Bolt		56459447	1	Belt <b>(after Sept. 1997)</b>
31	56453850	1	Right Gear Case <b>TSB 611-G6</b>	74	56453888	1	Sheave <b>(before Sept. 1997)</b>
32	56453916	1	Weight Bracket		56459446	1	Sheave <b>(after Sept. 1997)</b>
33	56448268	24	Bushing	75	56443719	1	Key
34	56448271	24	Bolt	76	56453920	1	Bracket
35	56363189	4	Brush Holder	77	56452290	2	Switch <b>(after SN1134900)</b>
36	56505761	4	Magna-Grit 46 Brush	78	56452286	1	Bracket <b>(after SN1134900)</b>
**	56505762	4	Dyna-Grit 80 Brush	79	56452287	1	Bracket <b>(after SN1134900)</b>
**	56505764	4	Prolene Brush				
**	56505763	4	Aglite-Grit 500 Brush	** = Optional Accessory			
**	56505765	4	Prolite Brush				
**	56505766	4	Union Mix Brush				
**	56505767	4	MidGrit 240 Brush				
**	56505768	4	MidLite 180 Brush				
**	56550640	4	Butcher Wire Brush				
**	56505760	4	Pad Holder				



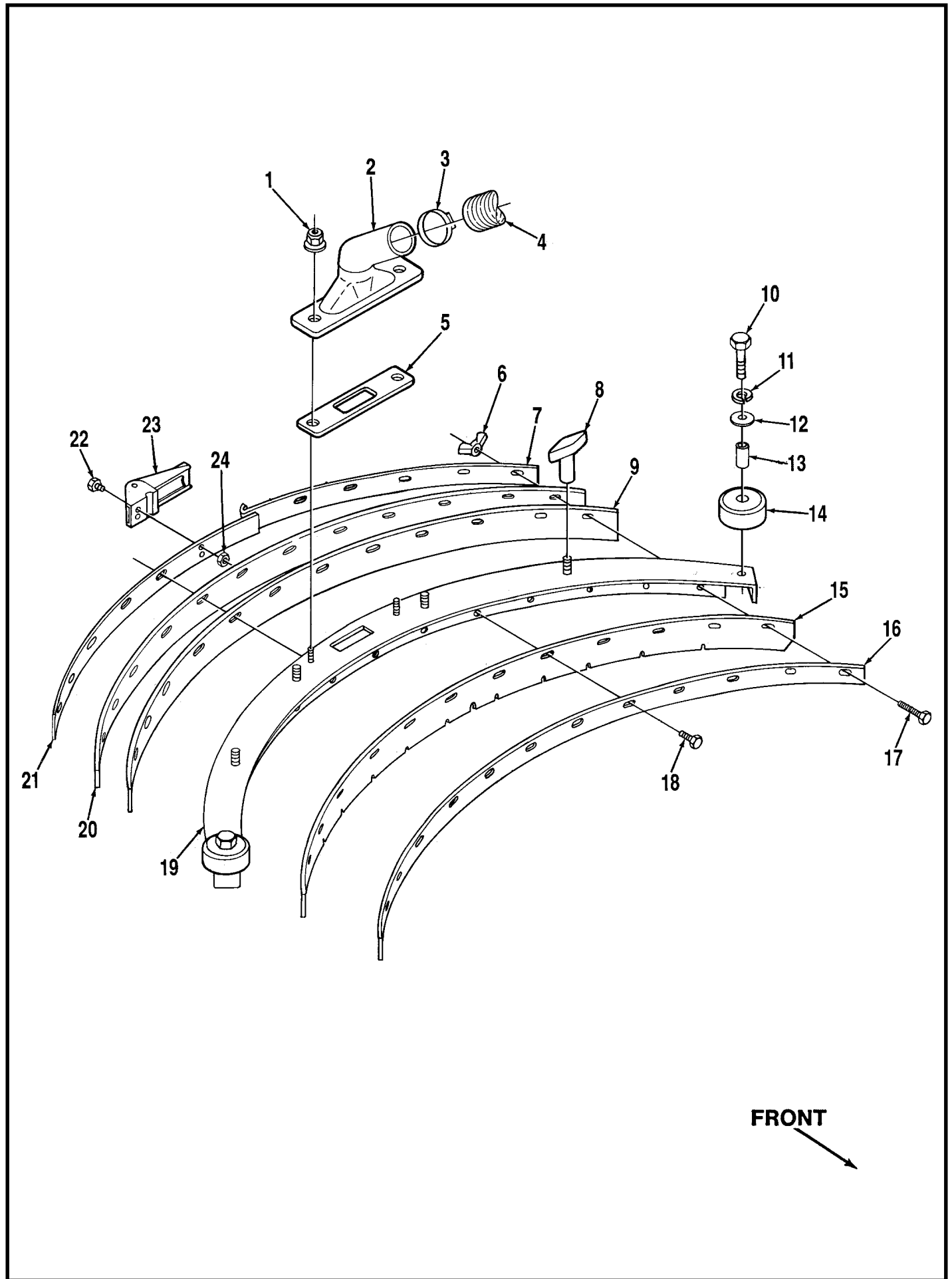
FRONT  
↓

## SQUEEGEE MOUNT AND LIFT

Item	Part No.	Qty	Description	Item	Part No.	Qty	Description
1	56391627	1	Actuator	31	56454323	2	Bracket
*	56470431	1	Carbon Brush Kit (for 56391627)	32		8	1/2 Shakeproof Washer
2	56392454	1	Yoke	33		8	1/2-20 Jam Nut
3	56388672	2	Pin	34	56358560	1	Spring
4	56321427	4	Retaining Ring	35		1	#10-24 x 1/2 HP-5 Screw
5	56468834	2	Retaining Ring	36	56482208	1	Tab
6	56457856	1	Pin	37	56458818	1	Lifter
7	56491660	2	Bearing	38	56367214	4	Washer
8	56100073	1	Arm	39	56491656	2	Bearing
9		2	5/16-18 Whiz Nut	40	56360627	2	Bushing
10		2	5/16-18 x 3/4 Bolt	41		2	1/4-20 Jam Nut
11	56100019	2	Yoke	42		2	1/4-20 x 1 Screw
12		1	1/4-20 x 1/2 HP-5 Screw	43	56448112	2	Spring
13	56457820	1	Cable	44		1	1/4-20 x 1-1/4 Screw
14		2	1/4-20 x 2-1/4 Screw	45		1	1/4-20 Whiz Nut
15		8	1/4 Flat Washer	46	56407344	2	Caster (See Note #1)
16	56163880	4	Spring Washer	47	56009016	4	Nut, Hex Jam 1/2-13 (See Note #1)
17	56206784	2	Bushing	48	56458836	1	Mount
18	56454285	2	Yoke	49		2	1/4-20 x 1-1/2 Screw
19		4	1/4-20 Nut	50	56388520	1	Drive Nut
20	56002843	2	Nut Hex Nyl Loc-Thin 1/2-13 (See Note #1)				
21		2	1/8 x 1 Cotter Pin				
22	56487989	2	Clevis Pin				
23	56366862	2	Bushing				
24	56150142	4	Washer				
25	56454288	2	Plate				
26	56477813	8	Ball Joint				
27	56454276	2	Collar				
28	56754374	2	Thumb Screw				
29	56454273	4	Rod				
30		4	1/2-20 Nut				

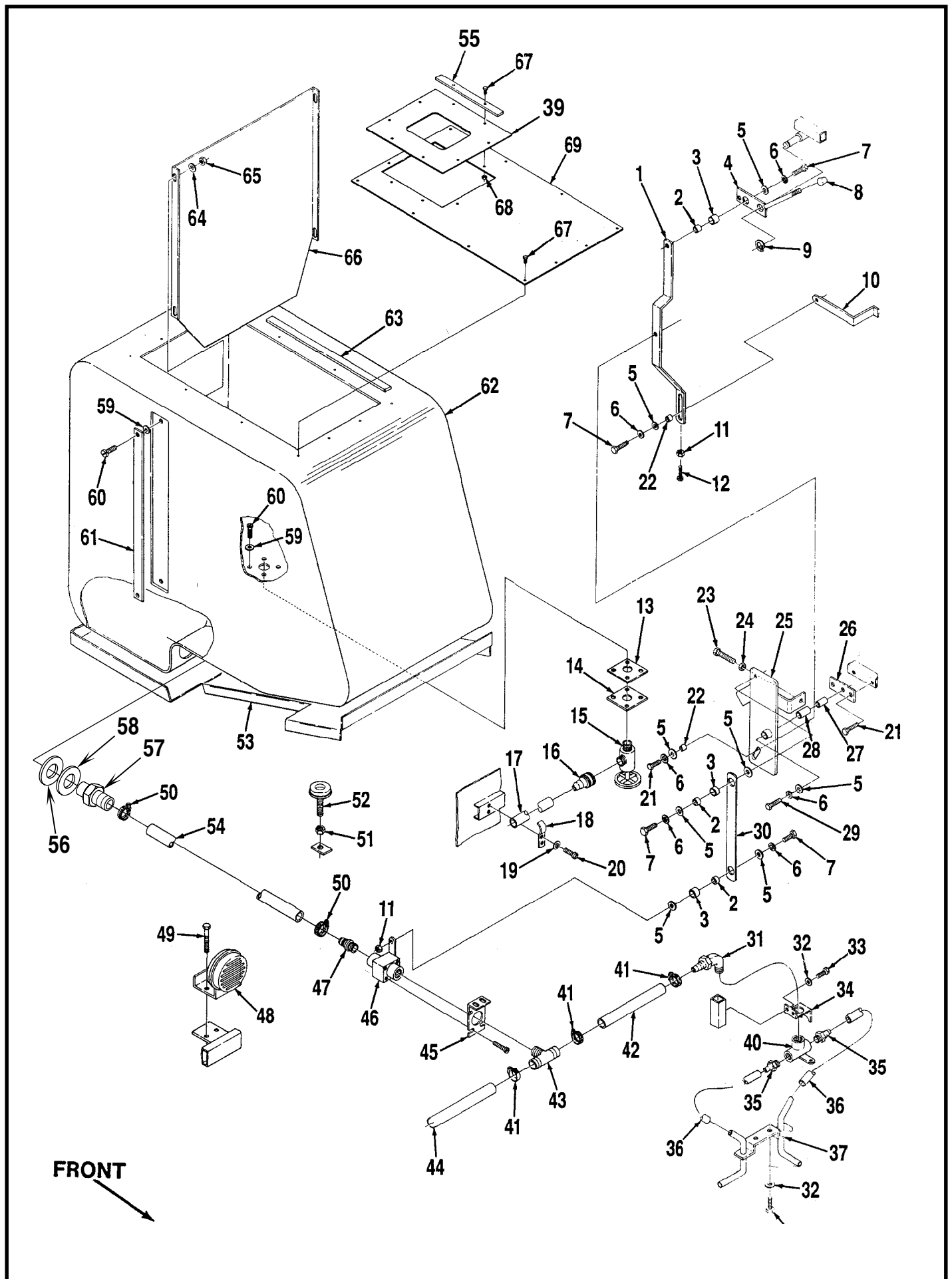
\* = Not Shown

**Note #1:** The original caster had a threaded shaft of 3/8", this caster (56407344) has a 1/2" diameter shaft. When replacing a caster you will need to order 1/2" nuts (**20 & 47**). The holes in (**48**) Mount will have to be drilled out to a diameter of 1/2" to accommodate the new casters. Replace both casters together if replacing a caster with a 3/8" shaft.



# SQUEEGEE

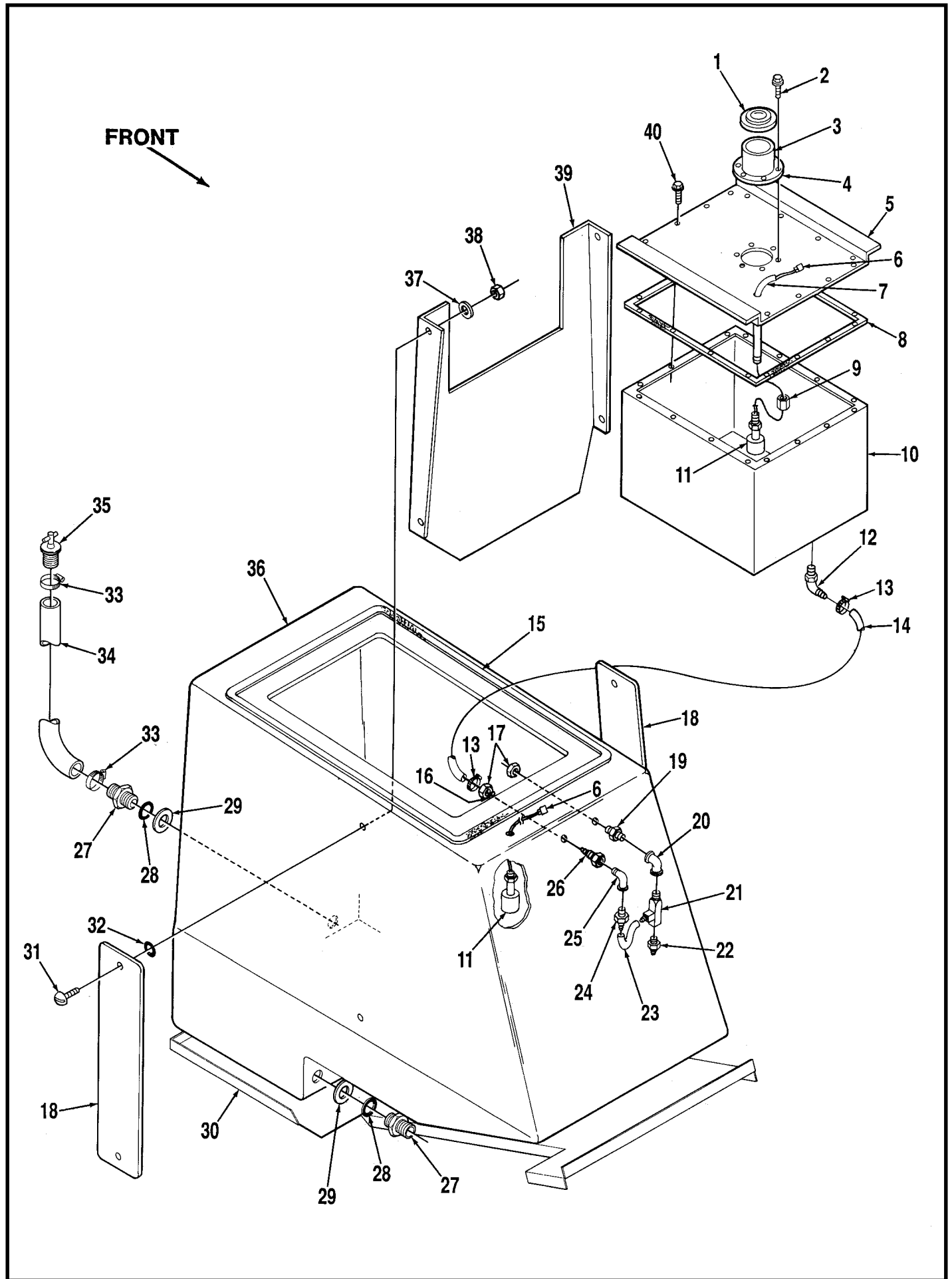
Item	Part No.	Qty	Description
1		2	1/4-20 Whiz Nut
2	56454223	1	Adapter, Metal
	56459432	1	Adapter, Plastic
3	56440213	1	Hose Clamp
4	56454782	1	Squeegee Hose
5	56454224	1	Gasket (for 56454223)
	56459281	1	Gasket (for 56459432)
6	56201677	2	Wing Nut
7	56458812	1	Strap
8	56370711	4	Thumb Screw
9	56454209	1	Blade
			Replacement Squeegee Blade Kits (Contain 1 each: #9,15,20)
	56458914	1	Gum Rubber ( <b>Standard</b> ) Blade Kit
	56458916	1	Urethane ( <b>Oil Resistant</b> ) Blade Kit
10		2	5/16-18 x 2 Bolt
11		2	5/16 Lock Washer
12		2	5/16 Flat Washer
13	56454249	2	Bushing
14	56386127	2	Wheel
15	56455608	1	Blade
16	56458810	1	Strap
17		2	1/4-20 x 1-1/2 HP-5 Screw
18		11	1/4-20 x 1/2 HP-5 Screw
19	56458808	1	Squeegee Tool (uses metal adapter #56454223)
	56459109	1	Squeegee Tool (uses plastic adapter #56459432)
	56458816	1	Squeegee Assembly (#1,2,5-24)
20	56454215	1	Back-Up Blade
21	56458814	1	Strap
22		2	#6-32 x 5/16 Screw
23	56471194	1	Latch
24		2	#6-32 Keps Nut



## STANDARD SOLUTION SYSTEM

Item	Part No.	Qty	Description	Item	Part No.	Qty	Description
1	56454158	1	Bar	47	56454168	1	Barb
2	56368989	3	Bushing	48	56482365	1	Horn
3	56368970	3	Bearing	49		1	5/16-18 x 1 Bolt
4	56454157	1	Lever	50	56131601	2	Hose Clamp
5		8	1/4 Flat Washer	51		2	1/2-13 Nut
6		6	1/4 Shakeproof Washer	52	56449221	2	Bumper
7		4	1/4-20 x 1 Screw	53	56454646	1	Boot Panel
8	56364527	1	Knob	54	56760018	1	Tube
9	56321427	1	Retaining Ring	55	56459344	4	Strap
10	56454169	1	Bar	56	56101281	1	Washer, Hardened
11		2	1/4-20 Nut	57	56743086	1	Barb
12		1	1/4-20 x 2 Screw	58	56456068	1	Washer, Sealing
13	56368768	1	Gasket	59	56900737	8	Sealing Washer
14	56368741	1	Plate	60	56576520	8	Screw
15	56369152	1	Valve	61	56454628	2	Plate
16	56369160	1	Barb	62	56454603	1	Solution Tank
17	56454618	1	Tube		56454600	1	Solution Tank Assembly (#55-71,13-15)
18	56454940	2	Clamp	63	56479854	6'	Gasket (1.8 m)
19		4	#10 Shakeproof Washer	64	56454626	4	Washer
20		4	#10-24 x 1/2 Screw	65		4	1/4-20 Stainless Steel Nut
21		3	1/4-20 x 3/4 Screw	66	56454624	1	Baffle
22	56321532	2	Bushing	67		18	#10-24 x 1/2 HP-5 Screw
23		2	5/16-18 x 2 Bolt	68		6	#10-24 Brass Nut
24		2	5/16-18 Nut	69	56454099	1	Cover
25	56454161	1	Plate				
26	56454164	1	Bar				
27	56471220	1	Bushing				
28	56200972	1	Bearing				
29		1	1/4-20 x 1-1/2 Screw				
30	56454159	1	Bar				
31	56244985	2	Barb				
32		8	1/4 Lock Washer				
33		4	1/4-20 x 1/2 Screw				
34	56453936	2	Bracket				
35	56749202	4	Barb				
36	56456830	4	Tube, Wire Reinforced				
37	56453924	2	Solution Pipe				
38		4	1/4-20 x 5/8 Screw				
39	56459345	1	Seal				
40	56454612	2	Flow Control Valve				
	56454614	2	Flow Control Valve Assembly (#31,34,35,40)				
41	56112771	4	Hose Clamp				
42	56449850	1	Tube				
43	56454609	1	Tee				
44	56481452	1	Tube				
45	56454357	1	Bracket				
46	56456617	1	Valve (w/handle)				
	56454280	1	Handle				

**Note:** Items 1-12, 21-54 are also used on HydroMax II machines

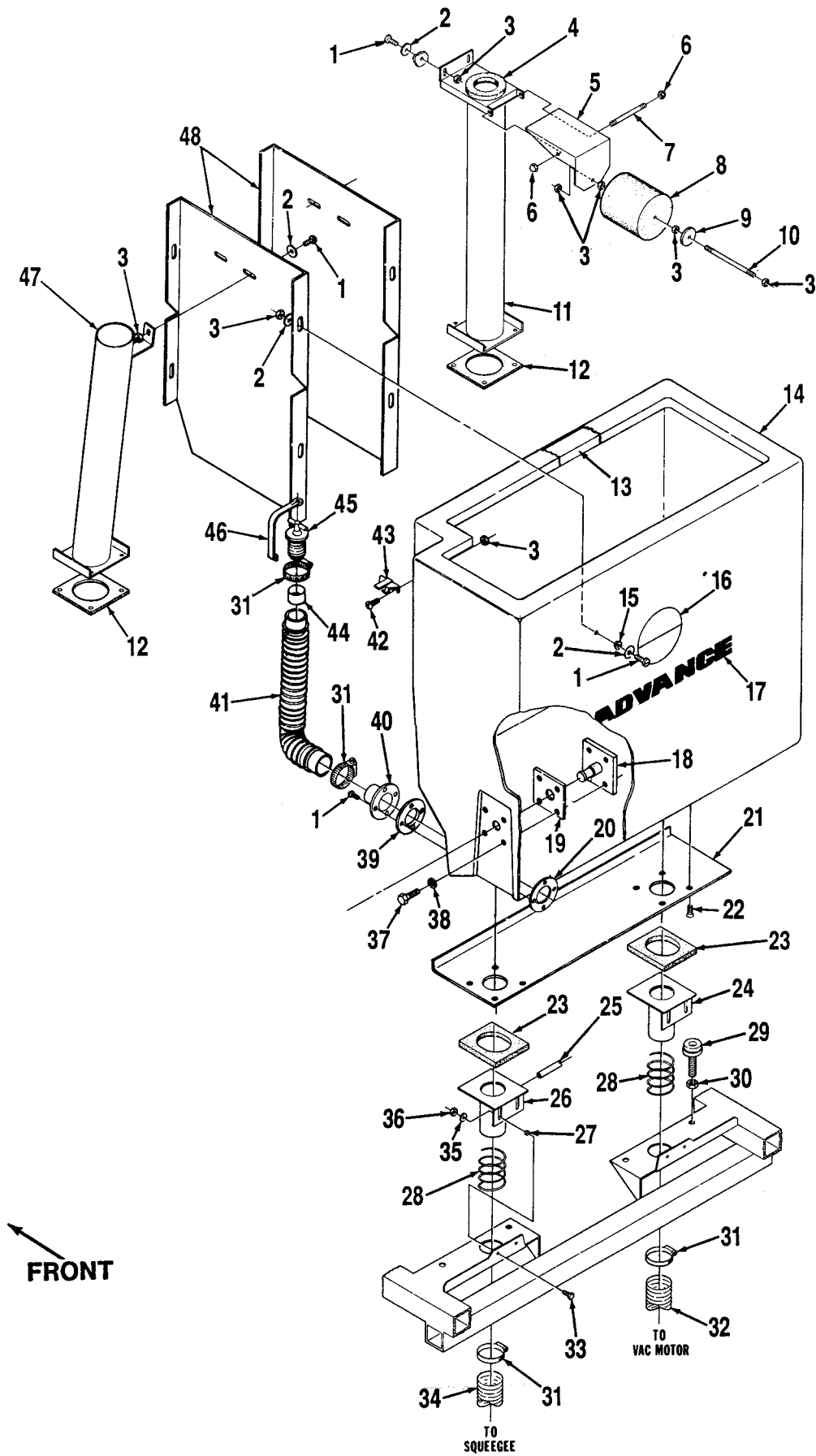


## HYDROMAX II SOLUTION SYSTEM

Item	Part No.	Qty	Description
1	56478502	1	Filler Cap
2		6	#8-32 x 3/8 HP-5 Screw
3	56456102	1	Filler Neck
4	56546104	1	Gasket
5	56459361	1	Panel
6	56462360	2	Connector
7	56249591	1'	Tube (.3 m)
8	56200754	4'	Gasket (1.2 m)
9	56749649	1	Coupler
10	56456098	1	Chemical Tank
11	56459260	2	Switch
12	56470138	1	Barb
13	56756364	2	Hose Clamp
14	56456560	1	Hose
15	56454604	6'	Gasket (1.8 m)
16	56742552	1	O-Ring
17	56745860	2	Brass Nut
18	56454628	2	Plate
19	56172072	1	Nipple
20	56757310	1	Elbow
21	56260170	1	Chemical Injector
22	56443972	1	Barb
23	56260841	1	Hose
24	56755162	1	Metering Barb
25	56111309	1	Elbow
26	56456107	1	Barb
27	56456058	2	Barb
28	56456068	2	Sealing Washer
29	56101281	2	Washer
30	56454646	1	Boot Panel
31	56576520	4	Screw
32	56900737	4	Sealing Washer
33	56131601	2	Hose Clamp
34	56260097	1	Drain Hose
*	56456110	1	Clamp for Drain Hose
35	56260098	1	T-Plug
36	56456108	1	Solution Tank
37	56454626	4	Washer
38		4	1/4-20 Brass Nut
39	56456092	1	Baffle
40		16	#10-32 x 3/8 HP-5 Screw

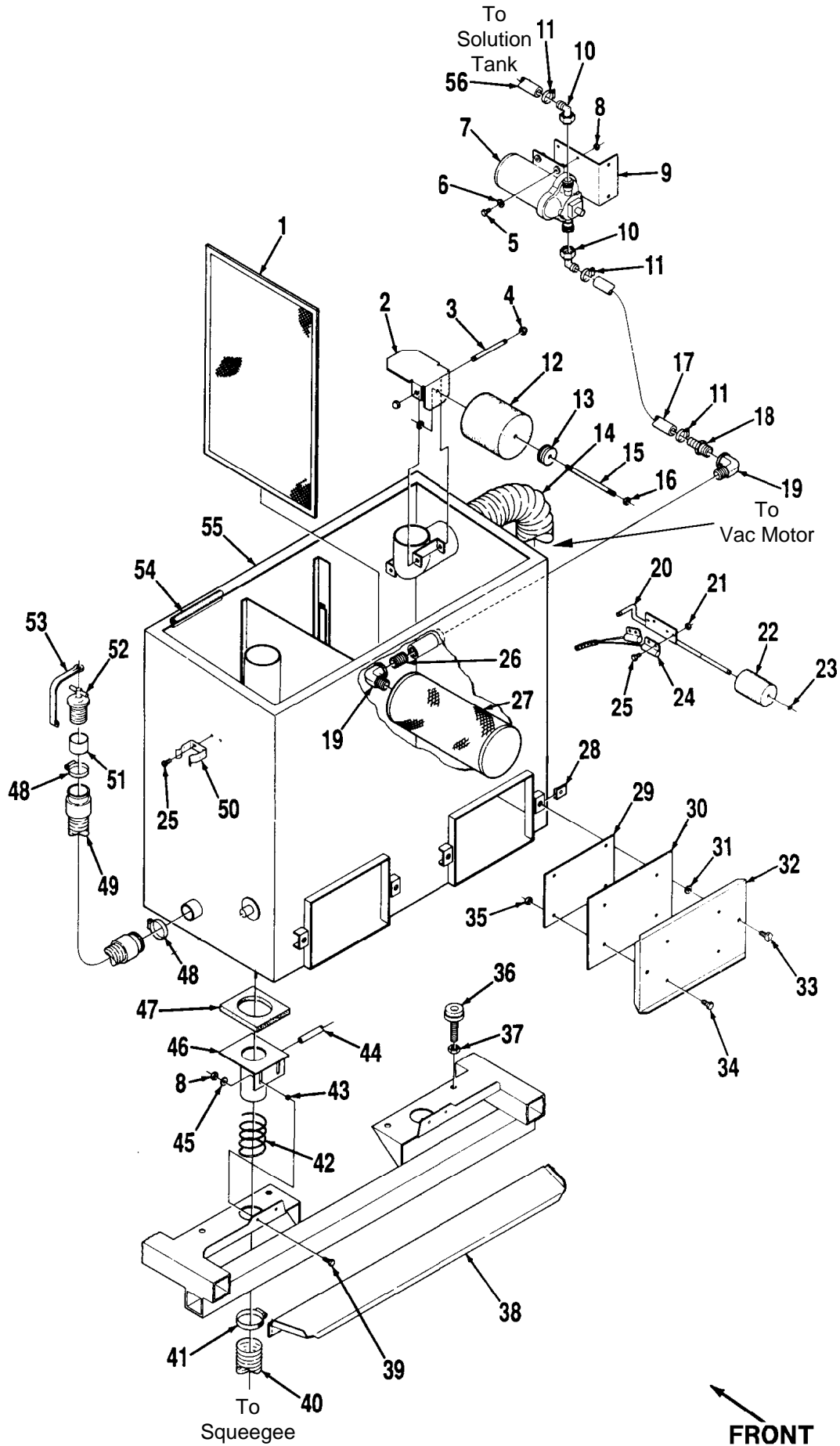
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**Note:** See Standard Solution System for items also used on HydroMax II machines.



## STANDARD RECOVERY SYSTEM

Item	Part No.	Qty	Description
1	56576520	15	Screw
2	56454626	19	Washer
3		17	1/4-20 Brass Nut
4	56454253	1	Gasket
5	56454751	1	Baffle
6		2	1/4-20 Acorn Nut
7	56454727	1	Rod
8	56385349	1	Float
9	56454721	1	Weight
10	56454724	1	Rod
11	56454730	1	Tube
12	56454709	2	Gasket
13	56454731	1	Tube
14	56453094	1	Recovery Tank
15	56900737	8	Sealing Washer
16	56014513	1	Decal, Logo
17	56014637	1	Decal, Advance
18	56454778	2	Hinge
19	56454712	2	Gasket
20	56459246	1	Nut Plate
21	56454702	1	Plate
22	56900188	8	Screw
23	56454272	2	Gasket
24	56454262	1	Tube
25	56457094	1	Tube
26	56457088	1	Tube
27	56454275	4	Bushing
28	56454250	2	Spring
29	56449221	2	Bumper
30		2	1/2-13 Nut
31	56440213	4	Hose Clamp
32	56449215	1	Vacuum Hose
33		4	#10-24 x 3/4 Screw
34	56454782	1	Squeegee Hose
35		4	#10 Flat Washer
36		4	#10-24 Nut
37		8	3/8-16 x 3/4 Bolt
38		8	3/8 Flat Washer
39	56459245	1	Gasket
40	56459248	1	Tube
41	56459254	1	Drain Hose
42		2	1/4-20 x 3/4 Brass Screw
43	56386058	1	Hanger
44	56459250	1	Tube
45	56459253	1	T-Plug
46	56261378	1	Strap
47	56454745	1	Tube
48	56454752	2	Baffle

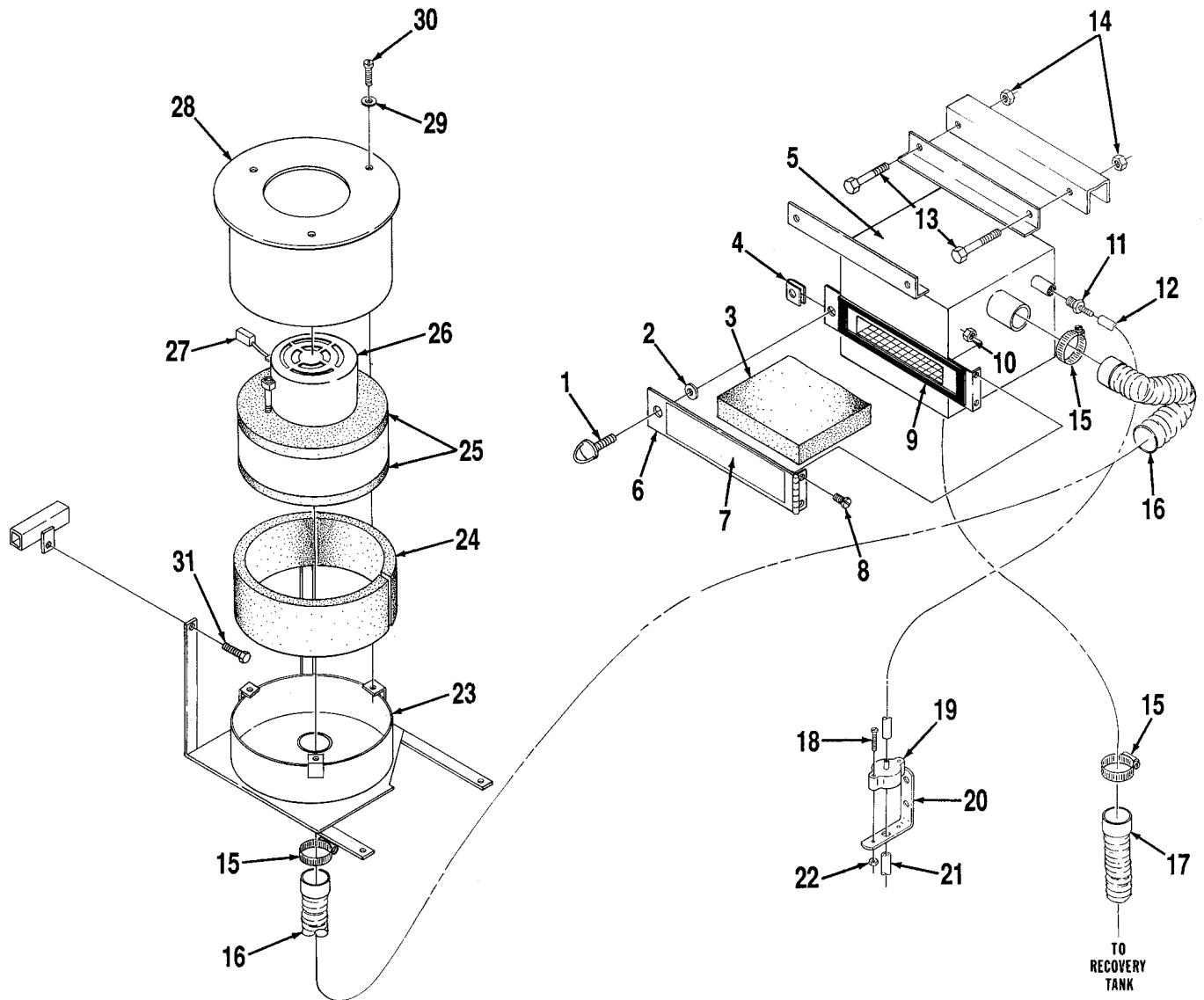


## HYDROMAX II RECOVERY SYSTEM

Item	Part No.	Qty	Description	Item	Part No.	Qty	Description
1	56459315	1	Screen Panel	28	56468960	4	Screw Receptacle
2	56459130	1	Shut-Off	29	56459312	2	Plate
3	56459131	1	Rod	30	56459303	2	Gasket
4		2	1/4-20 Acorn Nut	31	56448108	4	Retaining Washer
5		4	#8-32 x 1 Screw	32	56459302	2	Cover
6		4	#8 Flat Washer	33	56448104	4	Fastener
7	56459324	1	Pump	34		8	1/4-20 x 3/4 Brass Screw
**	56503000	1	Valve Kit	35		8	1/4-20 Brass Nut
**	56503001	1	Diaphragm Kit	36	56449221	2	Bumper
**	56503012	1	Pressure Switch	37		2	1/2-13 Nut
8		4	#8-32 Nut	38	56456152	1	Deflector
9	56456112	1	Pump Mount	39		2	#10-24 x 3/4 Screw
10	56261246	2	Barb	40	56454782	1	Squeegee Hose
11	56112771	2	Hose Clamp	41	56352829	4	Hose Clamp
12	56385349	1	Float	42	56454250	1	Spring
13	56454721	2	Weight	43	56454275	2	Bushing
14	56458203	1	Vacuum Hose	44	56457094	1	Tube
15	56454724	1	Rod	45		2	#10 Flat Washer
16		2	1/4-20 Lock Nut	46	56457088	1	Tube
17	56392663	1	Tube	47	56454272	1	Gasket
18	56118117	1	Barb	48	56329145	4	Hose Clamp
19	56742125	2	Elbow	49	56372216	2	Drain Hose
20	56459320	1	Rod	50	56404336	2	Clamp
21		6	#10-24 Nut	51	56376940	2	Tube
22	56456023	1	Float	52	56376948	2	T-Plug
23	56321125	4	Retaining Ring	53	56261378	2	Strap
24	56388167	2	Mercury Switch	54	56483549	8'	Gasket (2.5 m)
	56459259	1	Switch Assembly (#20-25)	55	56459313	1	Recovery Tank
*	56456027	1	Strain Relief	56	56456024	1	Tube
25		8	#10-24 x 1/2 Screw				
26	56749229	1	Nipple				
27	56459321	1	Strainer				

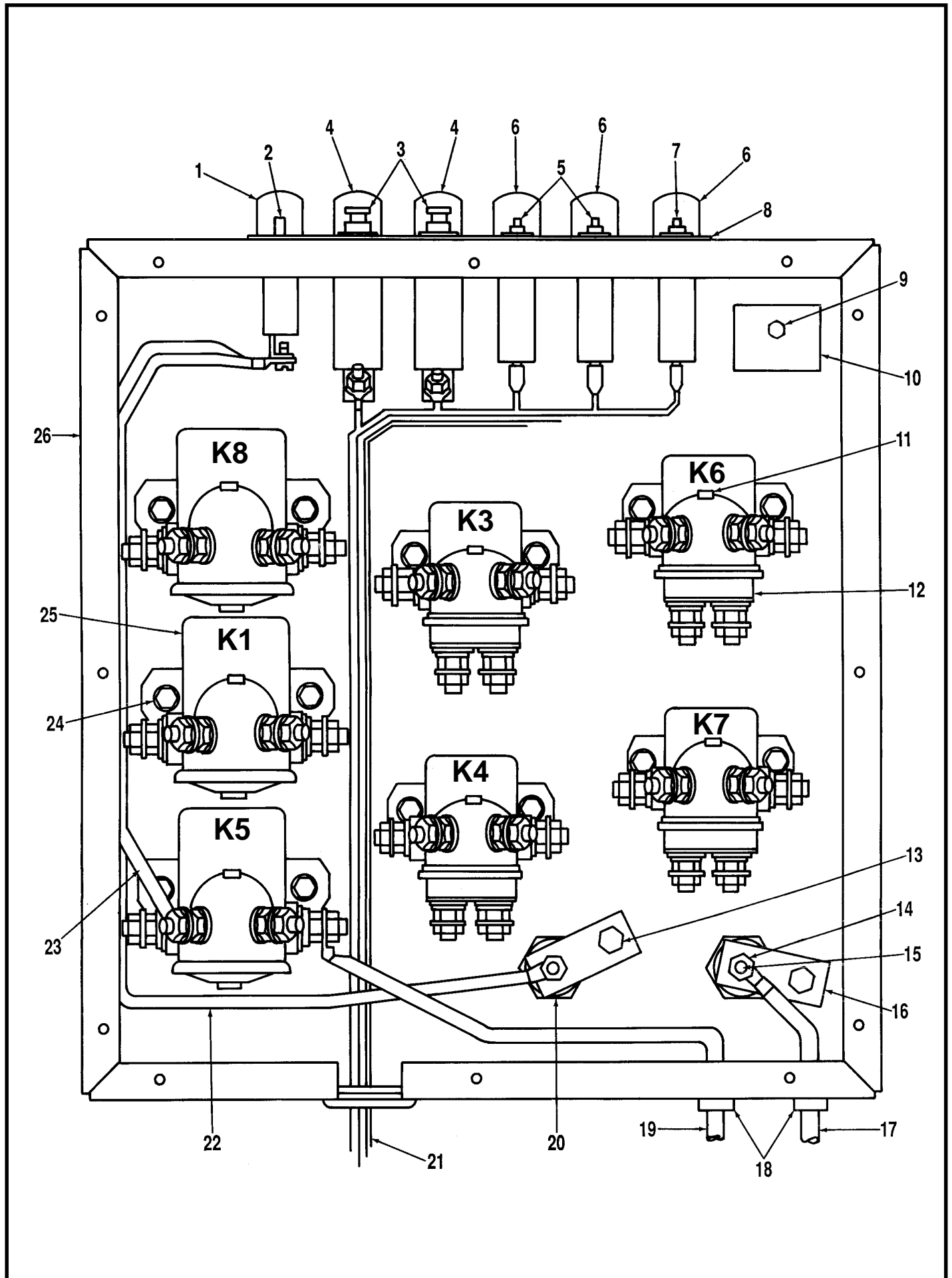
\* = Not Shown

\*\* = Repair Parts For Pump



## VACUUM SYSTEM

Item	Part No.	Qty	Description
	56454360	1	Filter Box Assembly (#1-12)
1	56448104	1	Screw Fastener
2	56448108	1	Retaining Washer
3	56454259	1	Filter
4	56468960	1	Screw Receptacle
5	56454350	1	Filter Box
6	56454370	1	Door
7	56014879	1	Decal, Filter
8		2	#10-24 x 3/8 Screw
9	56331126	3'	Gasket (.9 m)
10		2	#10-24 Whiz Nut
11	56477522	1	Barb
12	56370002	2'	Tube (.6 m)
13		4	5/16-18 x 2-3/4 Bolt
14		4	5/16-18 Nut
15	56440213	6	Hose Clamp
16	56449215	1	Vacuum Hose
17	56449215	1	Vacuum Hose ( <b>Standard</b> )
	56458203	1	Vacuum Hose ( <b>HydroMax II</b> )
18		2	#4-40 x 1 Screw
19	56479114	1	Vacuum Switch
20	56454345	1	Bracket
21	56457094	1	Tube
22		2	#4-40 Nut
	56452189	1	Motor Housing Assembly (#23-30)
23	56454340	1	Vacuum Motor Mount
24	56454333	2	Foam
25	56200379	2	Gasket
26	56454206	1	Vacuum Motor
27	56454208	1	Brush Set
28	56454330	1	Baffle
29		3	1/4 Lock Washer
30		3	1/4-20 x 3/4 Screw
31		4	1/4-20 x 1/2 Screw

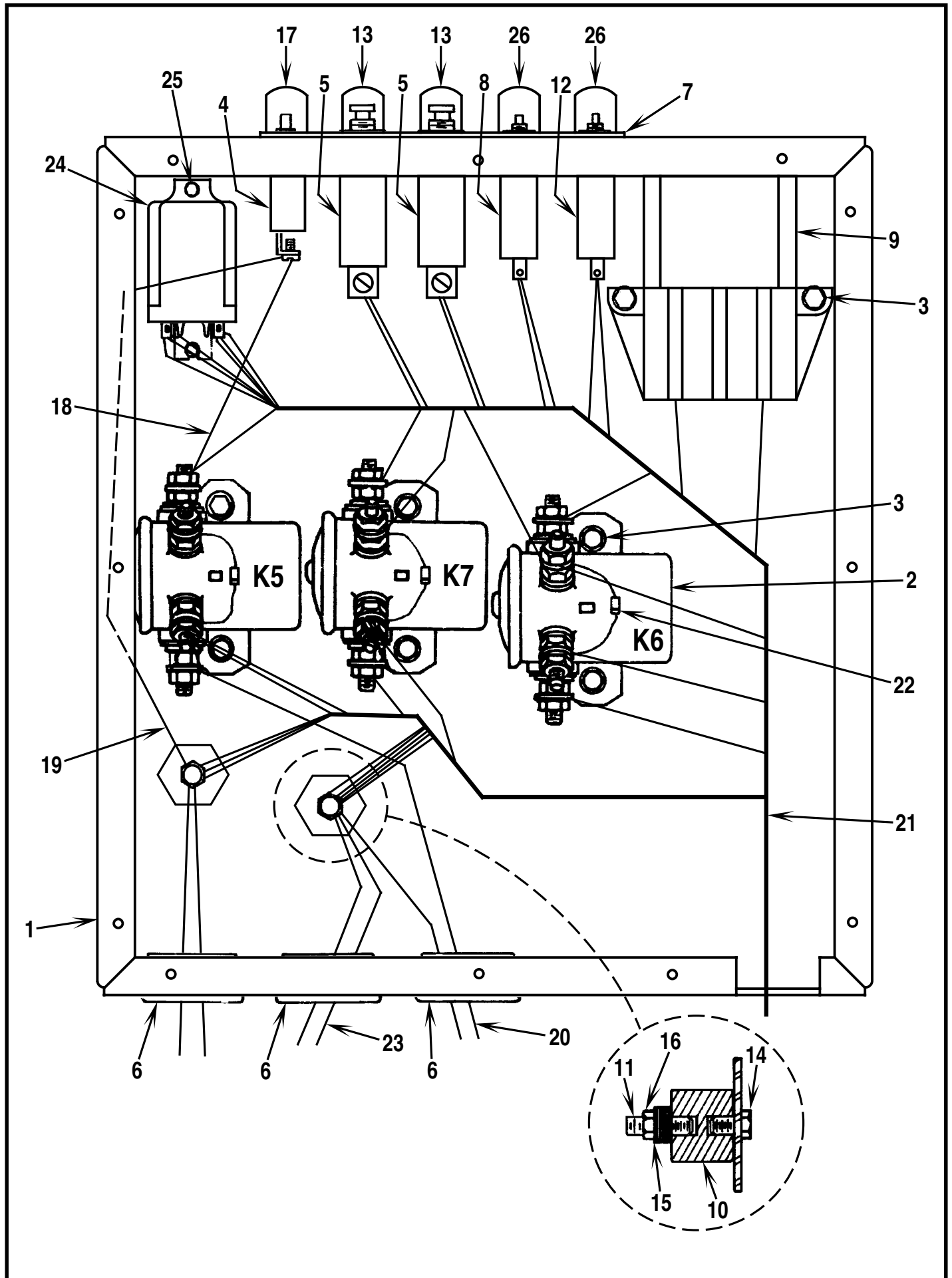


## LEFT ELECTRICAL PANEL (before SN1134901)

Item	Part No.	Qty	Description
	56452195	1	Left Electrical Panel Assembly (#1-26)
1	56459369	1	Button Seal
2	56454429	1	Circuit Breaker 70 Amp ( <b>Brush Motor</b> )
3	56452193	2	Circuit Breaker 40 Amp ( <b>Vacuum/Broom Motor</b> )
4	56459368	2	Button Seal
5	56387316	2	Circuit Breaker 10 Amp ( <b>Brush/Squeegee</b> )
6	56459367	3	Button Seal
*	56257311	3	Quad-Ring
7	56454538	1	Circuit Breaker 15 Amp ( <b>Control Circuit</b> )
8	56024009	1	Decal, Circuit Breaker
9		1	#10-24 x HP-5 Screw
10	56389315	1	Time Delay
11	56389265	7	Diode
12	56388534	4	Solenoid SPDT
13		4	1/4-20 x 3/8 Screw
*		4	1/4 Flat Washer
14		4	1/4-20 Nut
15	56454376	2	Stud
16	56454728	2	Copper Plate
17	56454570	1	Cable
18	56382818	2	Strain Relief
19	56454564	1	Cable
20	56469858	2	Insulated Stand-Off
21	56100091	1	Left Electrical Panel Wiring Harness
22	56389293	1	Cable
23	56388026	1	Cable
24		14	1/4-20 x 3/8 Washer Head Screw
25	56395452	3	Solenoid SPST
26	56452175	1	Electrical Tray
*	56459365	1	Cover

\* = Not Shown

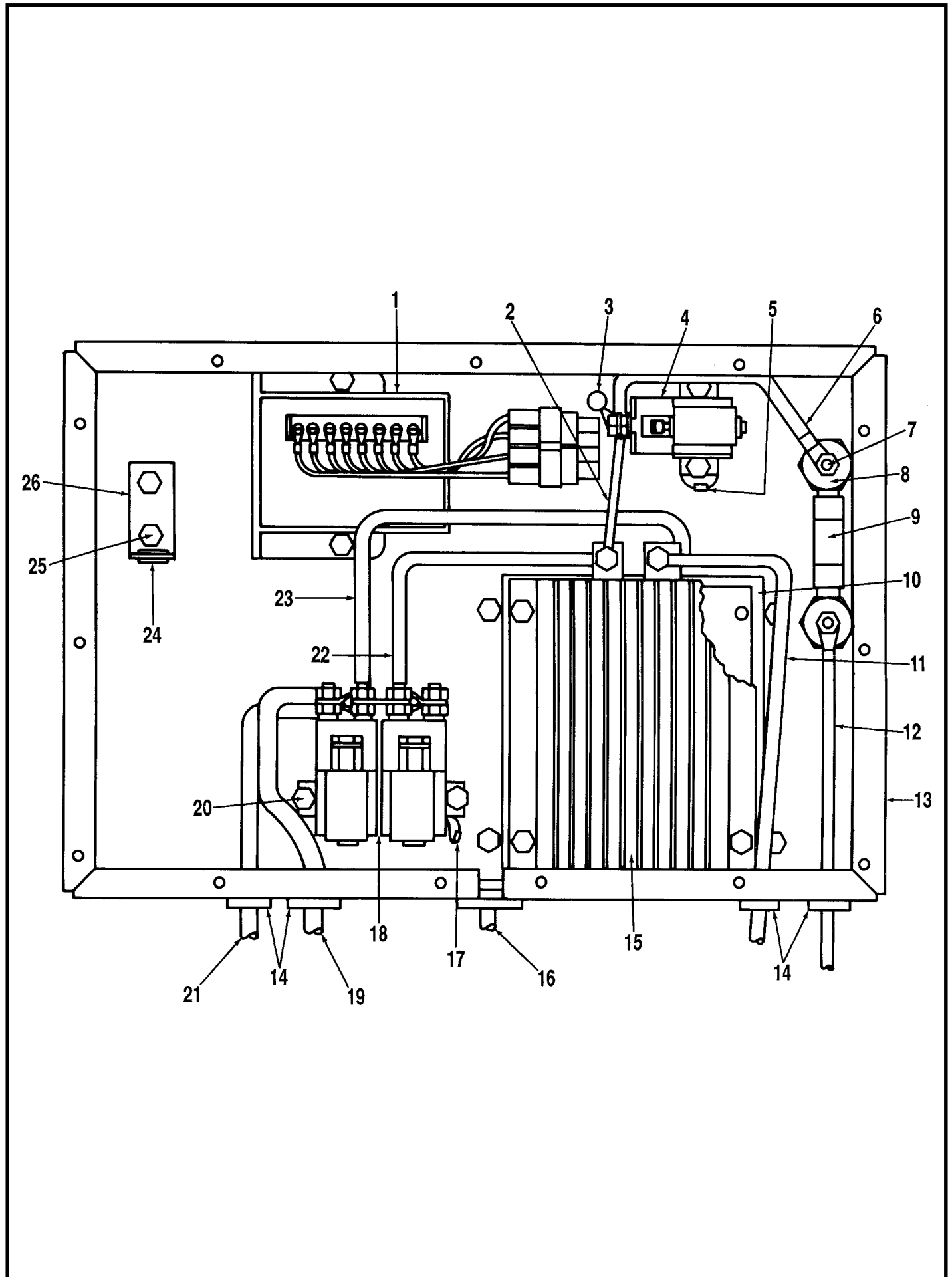
K1 Broom Motor  
 K3 Brush Lift, Up  
 K4 Brush Lift, Down  
 K5 Brush Motor  
 K6 Squeegee Lift, Up  
 K7 Squeegee Lift, Down  
 K8 Vacuum Motor



## LEFT ELECTRICAL PANEL (after SN1134900)

Item	Part No.	Qty	Description
	56452285	1	Left Electrical Panel Assembly (#1-26)
1	56452275	1	Electrical Tray
2	56395452	3	Solenoid SPST K5-Brush Motor K6-Broom Motor K7-Vac Motor
3	56009019	8	Scr, Hex Thd Form 1/4-20 x .38
4	56454429	1	Circuit Breaker 70A ( <b>Brush</b> )
5	56452193	2	Circuit Breaker 40A ( <b>Vac / Broom</b> )
6	56452274	3	Bushing, Snap
7	56015845	1	Decal, Circuit Breakers
8	56454538	1	Circuit Breaker 15A ( <b>Auxiliary</b> )
9	56392175	1	Lift Actuator Control Assy, Dual ( <b>Brush / Squeegee</b> )
10	56469858	2	Insulated Standoff
11	56009203	2	Stud, 1/4-20 x 1.31
12	56387328	1	Circuit Breaker 5A ( <b>Control</b> )
13	56459368	2	Reset Button Seal
14	56002933	2	Scr, Hex Loc 1/4-20 x .38
15	56002098	2	Wsh, Flt SAE 1/4
16	56002708	2	Nut, Hex Nyl Loc 1/4-20
17	56459369	1	Reset Button Seal
18	56452273	1	Cable Assy
19	56452272	1	Cable Assy
20	56452269	1	Cable Assy
21	56452265	1	Panel Wiring Harness, Left
22	56389265	3	Diode
23	56452270	1	Cable Assy
24	56261219	1	Relay DPDT 36V ( <b>Hydro-Max II</b> )
25	56009032	2	Scr, Hex Thd Form 6-32 x .38 ( <b>Hydro-Max II</b> )
26	56459367	2	Reset Button Seal
*	56744660	2	Washer, Sealing
*	56452282	1	Cover

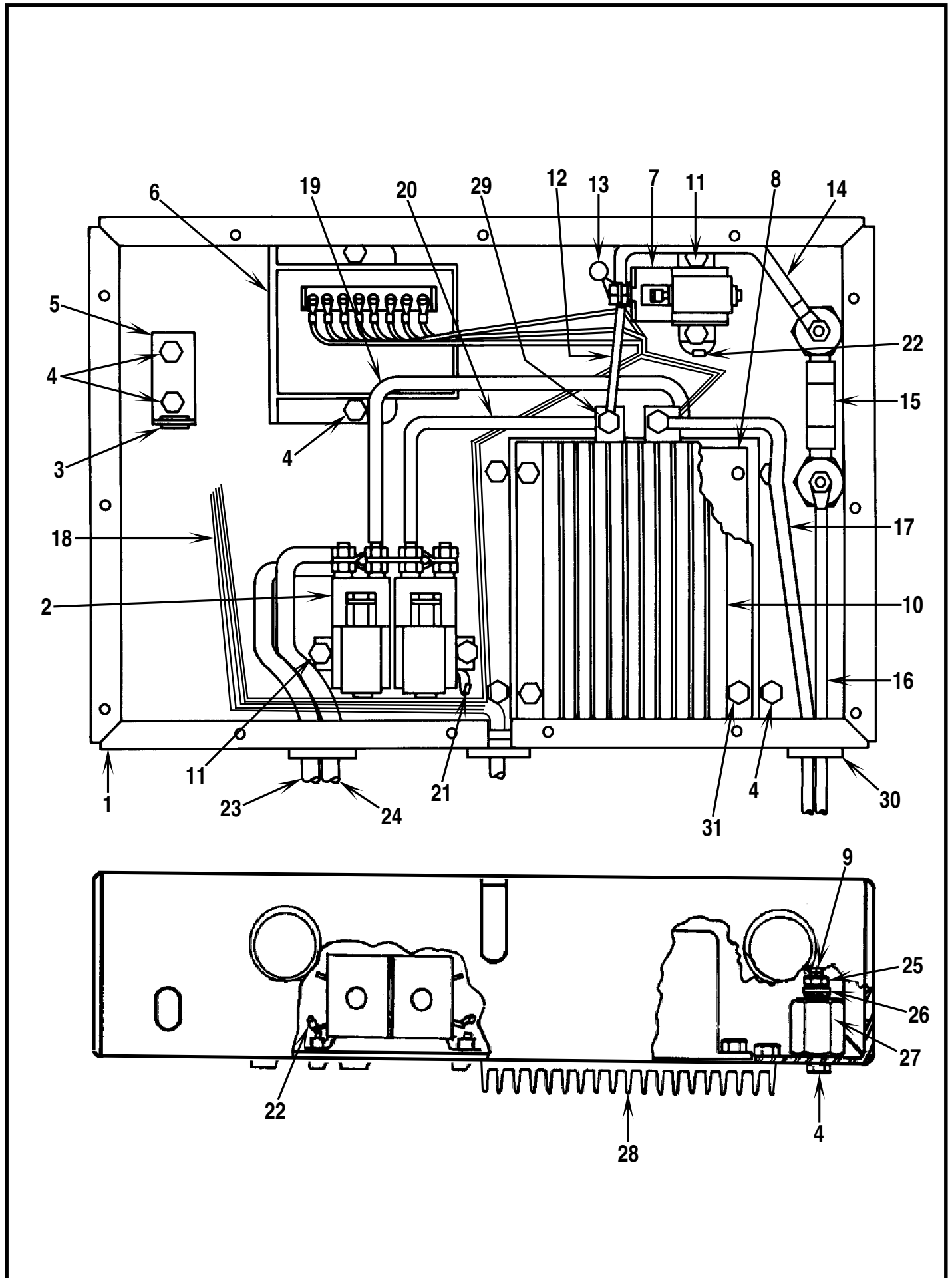
\* = Not Shown



## RIGHT ELECTRICAL PANEL (before SN1134901)

Item	Part No.	Qty	Description
	56452171	1	Right Electrical Panel Assembly (#1-26)
1	56452178	1	Forward/Reverse Interlock
2	56452205	1	Cable
3	56454807	1	Resistor
4	56454806	1	Contacto Motor
5	56454812	3	Diode
6	56452206	1	Cable
7	56150274	2	Stud
8	56469858	2	Insulated Stand-Off
9	56479108	1	Fuse 200 Amp
10	56452176	1	Thermal Pad
11	56452190	1	Cable
12	56452191	1	Cable
13	56452169	1	Controller Tray
14	56740200	4	Strain Relief
15	56454803	1	Speed Control
16	56452180	1	Right Electrical Panel Wiring Harness
17	56454813	2	Diode
18	56454705	1	Contacto Forward/Reverse
19	56452202	1	Cable
20		4	#10-24 x 3/8 Screw
21	56452203	1	Cable
22	56452207	1	Cable
23	56452208	1	Cable
24	56329098	1	Nylon Bushing
25		12	1/4-20 x 1/2 Screw
26	56452154	1	Angle
*	56452152	1	Heat Sink

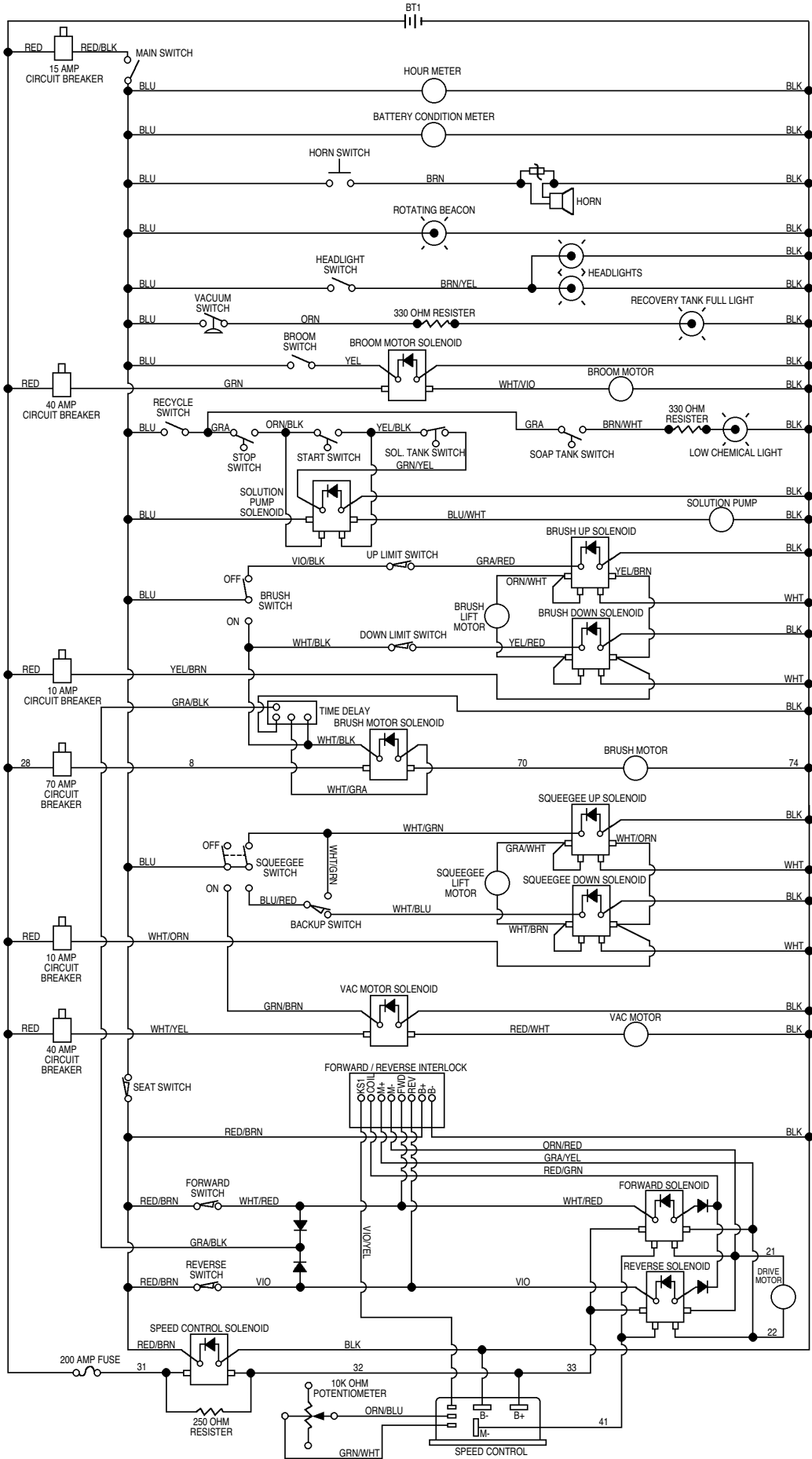
\* = Not Shown



## RIGHT ELECTRICAL PANEL (after SN1134900)

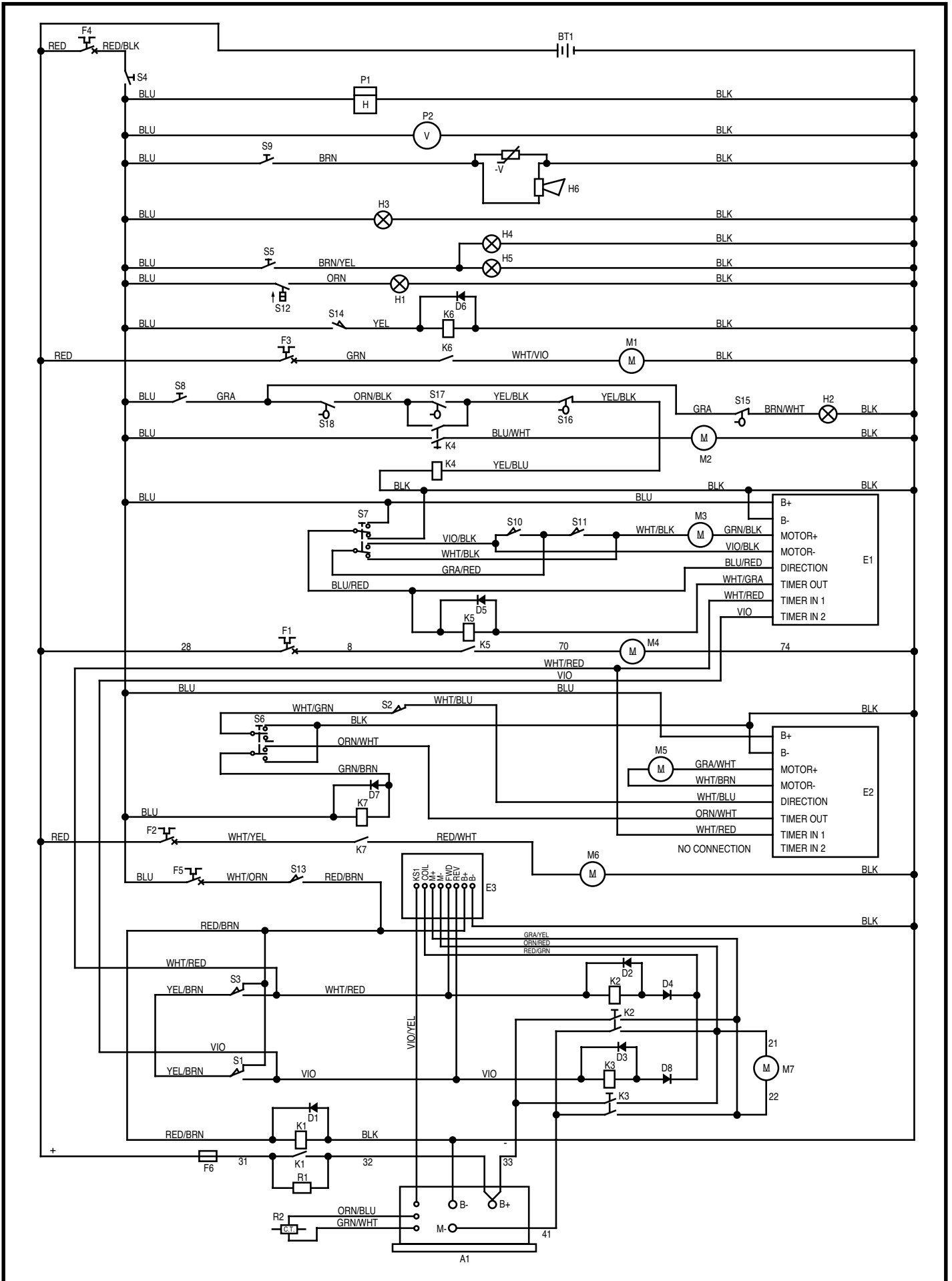
Item	Part No.	Qty	Description
	56452279	1	Right Electrical Panel Assembly (#1-26)
1	56452276	1	Controller Tray
2	56454705	1	Contactora 36VDC
3	56329098	1	Bushing Nylon
4	56009019	10	Scr, Hex Thd Form 1/4-20 x .38
5	56452154	1	Angle
6	56454804	1	Forward / Reverse Interlock
7	56454806	1	Contactora SPST
8	56452176	1	Thermol Pad
9	56009020	2	Stud
10	56454803	1	Speed Control
11	56009039	4	Scr, Hex Thd Form 10-24 x .50
12	56452205	1	Cable Assembly
13	56454807	1	Resistor Assembly
14	56452206	1	Cable Assembly
15	56479108	1	Fuse, 200 Amp
16	56452268	1	Cable Assembly
17	56452267	1	Cable Assembly
18	56452263	1	Panel Wiring Harness, Right
19	56452208	1	Cable Assembly
20	56452207	1	Cable Assembly
21	56454813	2	Diode Assembly
22	56454812	3	Diode Assembly
23	56452203	1	Cable Assembly
24	56452202	1	Cable Assembly
25	56002840	4	Nut, Hex Nyl Loc-Thin 1/4-20
26	56009064	2	Washer, Int Shprf 1/4
27	56469858	2	Insulated Standoff
28	56452152	1	Heat Sink
29	56002035	3	Scr, Hex 5/16-18 x .62
*	56002826	3	Nut, Hex Nyl Loc-Thin 5/16-18
30	56452274	2	Bushing, Snap
31	56009033	4	Scr, Hex Thd Form 1/4-20 x .50

\* = Not Shown



## WIRING DIAGRAM (before SN1134901)

Part No.	Qty	Description	Part No.	Qty	Description
56454538	1	Circuit Breaker 15 Amp (Control Circuit)	56389315	1	Time Delay
56478640	1	Main Switch	56454429	1	Circuit Breaker 70 Amp (Brush Motor)
56478363	1	Hour Meter	56395452	1	Brush Motor Solenoid
56448677	1	Battery Condition Meter	56389265	1	Diode
56441555	1	Horn Switch	56454454	1	Brush Motor
56482365	1	Horn	56377003	1	Squeegee Switch
56454662	1	Varistor	56452144	1	Backup Switch
56482343	1	Rotating Beacon <b>TSB 603, G-9</b>	56391627	1	Squeegee Lift Motor
56376348	1	Headlight Switch	56388534	1	Squeegee Up Solenoid
56482355	2	Headlight	56389265	1	Diode
56479114	1	Vacuum Switch	56388534	1	Squeegee Down Solenoid
56389453	1	330 Ohm Resister (for rec. tank full light)	56389265	1	Diode
56452183	1	Recovery Tank Full Light	56387316	1	Circuit Breaker 10 Amp (Squeegee Lift)
56388019	1	Broom Switch	56452193	1	Circuit Breaker 40 Amp (Vacuum Motor)
56395452	1	Broom Motor Solenoid	56395452	1	Vacuum Motor Solenoid
56389265	1	Diode	56389265	1	Diode
56452193	1	Circuit Breaker 40 Amp (Broom Motor)	56454206	1	Vacuum Motor
56454457	1	Broom Motor	56457364	1	Seat Switch
56376348	1	Recycle Switch (HydroMax II)	56452178	1	Forward/Reverse Interlock
56388167	1	Stop Switch (HydroMax II)	56452143	1	Forward Switch
56388167	1	Start Switch (HydroMax II)	56452143	1	Reverse Switch
56459260	1	Sol. Tank Switch (HydroMax II)	56454435	2	Diode
56459260	1	Soap Tank Switch (HydroMax II)	56454705	1	Forward Solenoid
56389453	1	330 Ohm Resister (for low chem. light / HydroMax II)	56454812	1	Diode
56452183	1	Low Chemical Light (HydroMax II)	56454705	1	Reverse Solenoid
56261219	1	Sol. Pump Solenoid (HydroMax II)	56454812	1	Diode
56459324	1	Solution Pump (HydroMax II)	56454813	2	Diode
56377003	1	Brush Switch	56454484	1	Drive Motor
56455112	1	Brush Up Limit Switch	56479108	1	Fuse 200 Amp
56455112	1	Brush Down Limit Switch	56454806	1	Speed Control Solenoid
56452185	1	Brush Lift Motor	56454812	1	Diode
56388534	1	Brush Up Solenoid	56454807	1	250 Ohm Resister
56389265	1	Diode	56452142	1	Potentiometer
56388534	1	Brush Down Solenoid	56454803	1	Speed Control
56389265	1	Diode	56100092	1	Main Wiring Harness
56387316	1	Circuit Breaker 10 Amp (Brush Lift)			



## WIRING DIAGRAM (after SN1134900)

Item	Part No.	Qty	Description	Item	Part No.	Qty	Description
A1	56454803	1	Speed Controller	M3	56452185	1	Brush Lift Actuator
BT1		1	36 Volt Battery	M4	56454454	1	Brush Motor
D1	56454812	1	Suppression Diode	M5	56391627	1	Squeegee Lift Actuator
D2	56454812	1	Suppression Diode	M6	56454206	1	Vacuum Motor
D3	56454812	1	Suppression Diode	M7	56454484	1	Wheel Drive Motor
D4	56454813	1	Blocking Diode	P1	56478363	1	Hourmeter
D5	56389265	1	Suppression Diode	P2	56448677	1	Battery Condition Meter
D6	56389265	1	Suppression Diode	R1	56454807	1	Resistor 250 Ohm, 5 Watt
D7	56389265	1	Suppression Diode	R2	56452142	1	Throttle Potentiometer 10K Ohm
D8	56454813	1	Blocking Diode	S1	56452144	1	Reverse Throttle Switch
E1	56392175	1	Brush Lift Actuator Control Module	S2	56452144	1	Reverse Squeegee Lift Switch
E2	56392175	1	Squeegee Lift Actuator Control Module	S3	56452144	1	Forward Throttle Switch
E3	56454804	1	Forward / Reverse Interlock	S4	56478640	1	Key Switch
F1	56454429	1	Brush Motor Circuit Breaker (70A)	S5	56265551	1	Headlight Switch
F2	56452193	1	Vacuum Motor Circuit Breaker (40A)	S6	56261245	1	Vacuum / Squeegee Switch
F3	56452193	1	Broom Motor Circuit Breaker (40A)	S7	56377003	1	Brush Switch
F4	56454538	1	Auxilliary Circuit Circuit Breaker (15A)	S8	56262551	1	Recycle Pump Switch <b>(Hydro-Max II)</b>
F5	56387328	1	Drive Control Circuit Circuit Breaker (5A)	S9	56441555	1	Horn Switch
F6	56479108	1	Wheel Drive Motor Fuse (200A)	S10	56452290	1	Brush Lift UP Limit Switch
H1	56452260	1	Recovery Tank Full Light	S11	56452290	1	Brush Lift DOWN Limit Switch
H2	56452260	1	Detergent Tank Empty Light <b>(Hydro-Max II)</b>	S12	56479114	1	Vacuum Pressure Switch
H3	56482463	1	Strobe Light <b>TSB 743</b>	S13	56457364	1	Seat Switch
H4	56482355	1	Left Headlight	S14	56388019	1	Broom Switch
H5	56482355	1	Right Headlight	S15	56459260	1	Detergent Tank Float Switch
H6	56482365	1	Horn	S16	56459260	1	Solution Tank Float Switch <b>(Hydro-Max II)</b>
K1	56454806	1	Main Contactor	S17	56388167	1	Recovery Tank Start Float Switch <b>(Hydro-Max II)</b>
K2	56454705	1	Forward Direction Contactor	S18	56388167	1	Recovery Tank Stop Float Switch <b>(Hydro-Max II)</b>
K3	56454705	1	Reverse Direction Contactor				
K4	56261219	1	Recycle Pump Relay <b>(Hydro-Max II)</b>				
K5	56395452	1	Brush Motor Contactor	*	56452271	1	Battery Connector
K6	56395452	1	Broom Motor Contactor	*	56452264	1	Main Wiring Harness
K7	56395452	1	Vacuum Motor Contactor				
M1	56454457	1	Broom Motor				
M2	56459324	1	Recycle Pump Motor <b>(Hydro-Max II)</b>				

\* = Not Shown



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