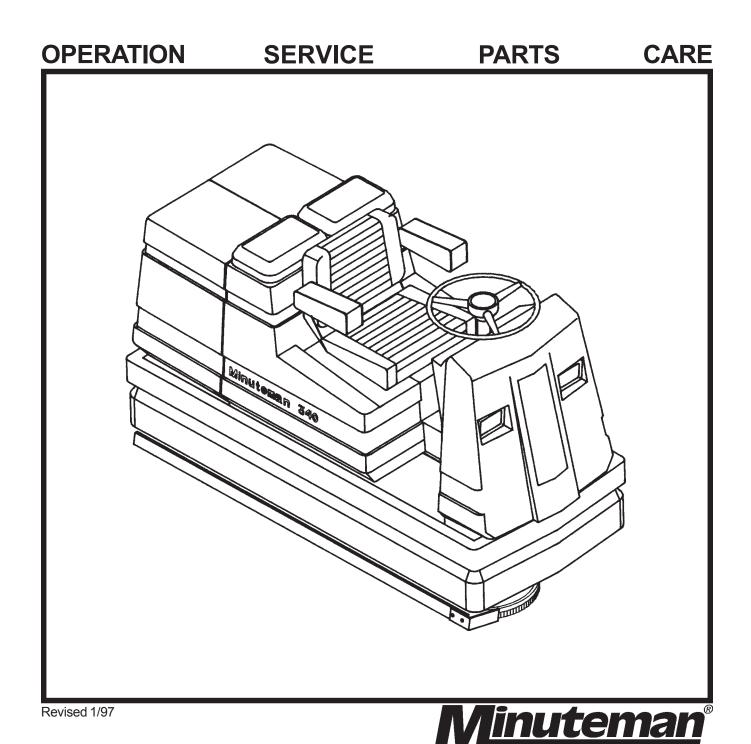
340 Sweeper/Scrubber Battery Model

Model: MC340024



OPERATING AND SERVICE MANUAL

INSPECTION

Carefully unpack and inspect your scrubber for shipping damage. Each unit is tested and thoroughly inspected before shipment and any damage is the responsibility of the delivering carrier who should be notified immediately.

ELECTRICAL

This machine is battery operated and is designed to operate on 24 volts D.C.

SPECIAL SAFETY PRECAUTIONS

- 1) Keep hands and feet clear of moving parts while machine is in operation.
- Electrical motors and components can cause an explosion when operated near explosive
 material or vapors. Do not operate this machine near flammable materials such as solvents,
 thinners, fuels, grain dusts etc.
- 3) While machine is in operation special attention should be paid to avoiding loose floor tile, electrical cables, telephone connection boxes, door jams, etc.

BATTERIES

Scrubbers are shipped without batteries.

Part No. 956729 12V 570AH 20 Hour Rate 2 Required

We do not recommend mixing AMP hour capacities. Any alternate battery sets can be used if they equal physical size and capacity.

BATTERY SERVICE AND INSTALLATION:

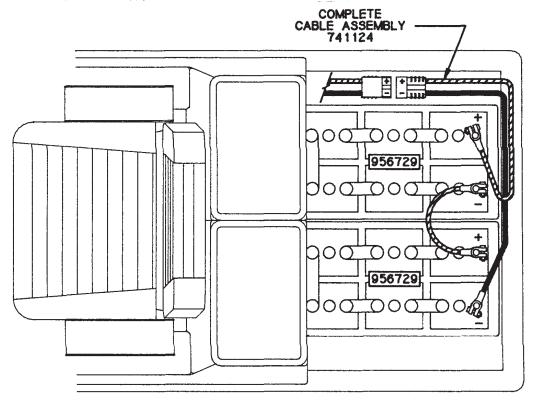
• Warning: Battery acid can cause burns. When working on or around batteries, wear protective clothing and safety glasses. Remove metal jewelry. Do not lay tools or metal objects on top of batteries.

CHARGING OF BATTERIES

Part No. 957718 (24V 50AMP) battery charger is recommended to charge batteries. Charge batteries in a well ventilated area; gases generated while charging batteries are explosive. Always charge batteries away from spark or flame.

Fluid levels should be checked before and after charging and be maintained at the proper level. If scrubber is not used for extended periods of time, batteries should be kept fully charged with a boost charge once a week. Batteries should be charged after each use or when battery condition indicator shows LOW CHARGE.

BATTERY CABLE ROUTING



OPERATING PROCEDURES

CAUTION: Familiarity with controlling this machine is essential before entering areas which contain equipment

and/or people.

13.

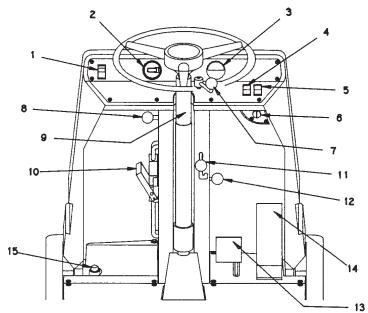
14.

15.

Left Pedal

F & R (Right) Pedal

Hydraulic Reservoir Fill Port



CONTROL/INSTRUMENT	FUNCTION	
TOTAL		

001	THOUNGTHOMENT	TONOTION
1.	Horn Button	
2.	Hourmeter Gauge	Records actual hours of operation.
3.	Voltmeter	Indicates when batteries need recharging.
4.	Squeegee Control Rocker Switch	Electrically controlled valves permit oil to flow to the squeegee cylinder to automatically lower in forward and raise in reverse. Move switch, second from right on dashboard to down position for automatic control. Move switch to up position for transport and double scrub. The turbine is turned on automatically when the rear squeegee is lowered. The turbine is turned off automatically, after 30 second delay, when squeegee is raised.
5.	Brush Control Rocker Switch	Electrically controlled valves permit oil to flow to the brush cylinder to raise and lower the scrub head. Brushes automatically turn when lowered and stop when raised. Move switch on right side of the dashboard to down position to lower the scrub head. Move switch to the up position to raise the scrub head.
6.	Key Switch Control	Activates electrical systems.
7.	Solution Control	Regulated flow of solution.
8.	Tilt Steering	Push in knob, on left side of steering tower, to tilt steering forward or back. Release knob to lock in position.
9.	Steering Height Control Collar	Raise collar on steering column to move steering wheel up or down. Lower collar to lock in position.
10.	Emergency Battery Disconnect	
11.	Side Squeegee Control Knob	This is a manual control to the right of the steering column. Push knob down and to the right to raise front of the side squeegee. Move knob left and up to the lower front of the side squeegee. The rear of the side squeegee works automatically with the rear squeegee.
12.	Parking Brake Knob	To set parking brake: while stepping on brake pedal, raise knob located on right side of steering tower, until brake locks. Brake releases automatically when brake pedal is depressed again.

Use 10W30 detergent motor oil only.

Depress to activate brakes on rear wheels.

Activates traction drive control valve. Depress toe for forward and heel for reverse. Pedal travel determines forward and reverse speed.

PRELIMINARY SYSTEMS CHECK

Before starting the unit, make the following inspections:

- Check charge level of battery. Turn switch key on and observe battery condition gauge. Battery condition and charge level are best determined by checking specific gravity with a hydrometer. Check fluid level in each cell and bring to proper level if necessary.
 DO NOT OVERFILL.
- 2. Check level of oil in hydrostatic reserve tank. Maintain level at two inches below top of tank. USE SAE 10W30 DETERGENT MOTOR OIL.
- 3. Inspect for evidence of oil leaks.

BRUSH CONDITION

Inspect condition of brushes. Replace brush when bristles are worn to 1/2 inch. Use the proper brushes for most effective scrubbing action.

The following types of brushes are available:

Part Number	<u>Type</u>
430034	Nylon
430108	Pad Driver
430132	Strato Grit
430111	Poly Grit

Inspect rear squeegee rubber for cuts and foreign matter, which may cause streaking. Squeegee rubber must be replaced when worn to a level where they no longer wipe the floor dry. The side squeegee or corner squeegee is used while turning corners and while scrubbing along pallets, cartons, carpets or any condition where it is advisable to immediately direct the water away from the scrubbing edge. Electrically controlled valves permit oil to flow to the squeegee cylinder to automatically lower in forward and raise in reverse. The squeegee switch raises rear squeegees for transport and double scrubbing.

RECOVERY TANK

Drain recovery tank before re-filling solution tank.

WARNING: Recovery tank float switch will shut off turbines when tank is filled to capacity.

Two drains are provided on the recovery tank. For access to the rear drain hose, loosen the two wing bolts under the rear skirt and remove skirt. Direct hose to drain and remove plug end of hose.

CAUTION: When replacing hose in holder, ensure that it does not interfere with squeegee linkages.

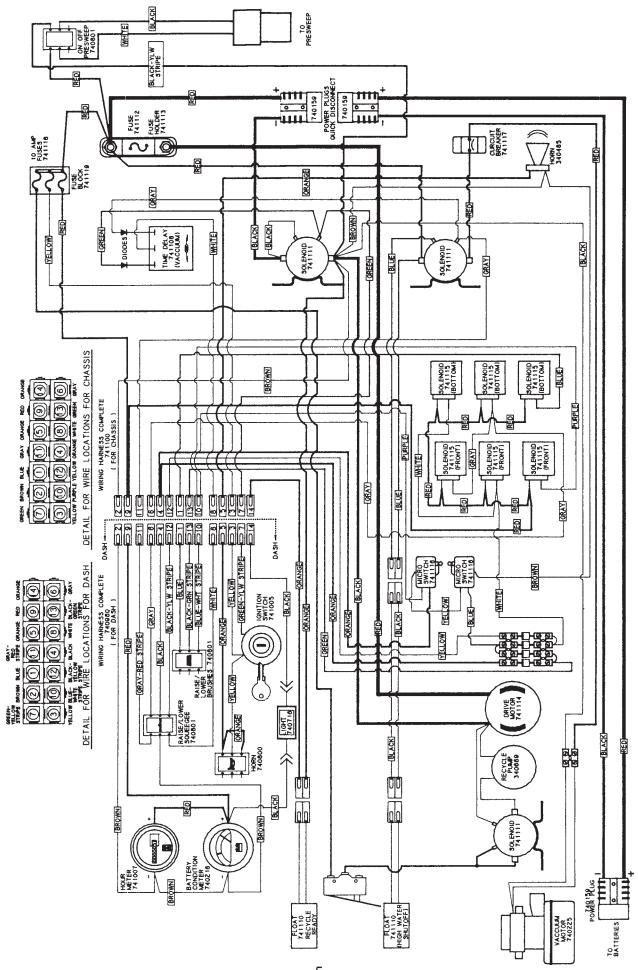
To clean sludge from bottom of tank, remove lower left side panel and open gate valve at bottom of tank. Flush tank with water.

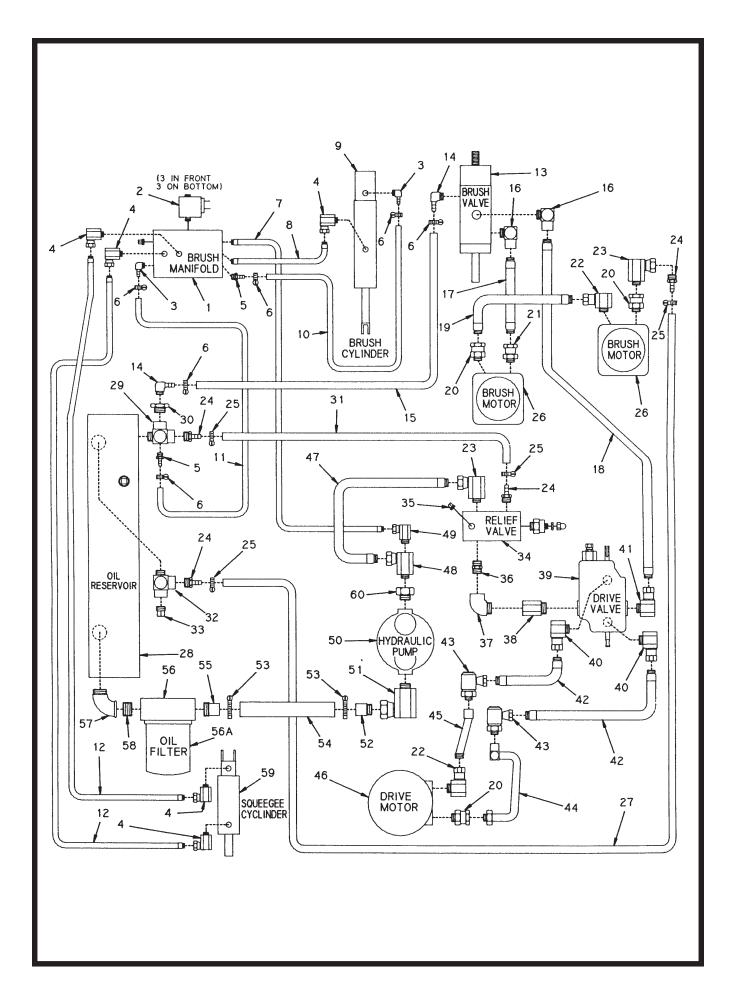
PREPARE TO SCRUB

- Fill solution tank with clean water. It is recommended that cleaning chemicals be added to tank while being filled to insure an even mixture. Warm water is recommended, but not essential. Use a low foaming chemical.
- 2. Sit on operator's seat. Turn on ignition switch.
- 3. Use appropriate switches to place brushes and squeegees in up position.
- 4. Depress foot pedal and proceed to area to be scrubbed.
- 5. Lower brushes with brush control switch.
- 6. Open solution valve.
- 7. Depress foot pedal to appropriate speed for the conditions:
 - A. Heavy soil: Slow ground speed
 - B. Light soil: Faster ground speed
- 8. Adjust solution control valve to allow only enough solution to the scrub path. **DO NOT** allow excessive solution to flood scrub path.
- 9. Lower squeegees with squeegee control switch. Turbines start automatically when squeegees are lowered and stop when raised. Squeegees raise automatically when machine is reversed.
- 10. To operate side squeegee, release knob to the right of steering column. This lowers the front of the side squeegee. The rear operates automatically. To raise side squeegee, return knob to original position. The side squeegee should be used to eliminate water left on the floor while turning and when scrubbing close to carpeting, cartons or close to walls. A 90 degree turn in a corner can be scrubbed and dried with side and rear squeegee down. DO NOT use side squeegee except when necessary. Avoid making right hand turns with side squeegee down.

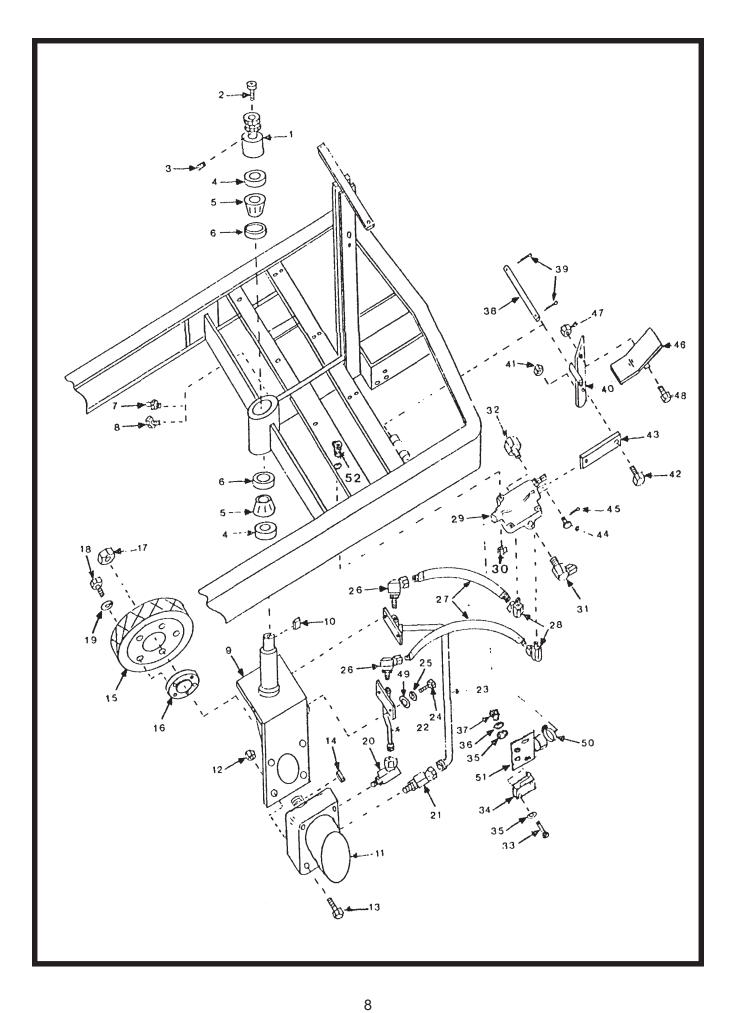
SCRUBBING PROCEDURE

- 1. Maintenance Scrub (single pass).
 - a. Move brush control to down position.
 - b. Move squeegee control switch to down position.
 - c. Open solution control level and adjust to proper flow.
 - d. Slowly depress right foot pedal to desired ground speed.
 - e. Use side squeegee while turning to eliminate leaving water on turns.
 - f. Single pass procedure should be used where a heavy soil build-up does not exist.
- 2. Multiple Scrub (heavy soil).
 - a. Move brush control switch to down position.
 - b. Open solution control lever and adjust to proper flow.
 - c. Slowly depress right foot pedal to desired ground speed. A slow ground speed is most desirable in cleaning heavy soil build-up.
 - d. Continue to dispense solution while scrubbing until all soilage can be suspended in solution. Move squeegee control switch down. Scrub entire area a second time while drying the surface with squeegees and turbines operating. **NOTE:** In extreme conditions, the area may need to be scrubbed several times until clean or until solution on the floor becomes saturated with soil.
 - e. Check solution level in tank while closest to water source.
 - f. Recovery tank must always be emptied and cleaned at time of refilling solution tank. Squeegees will stop picking up solution when recovery tank is full.

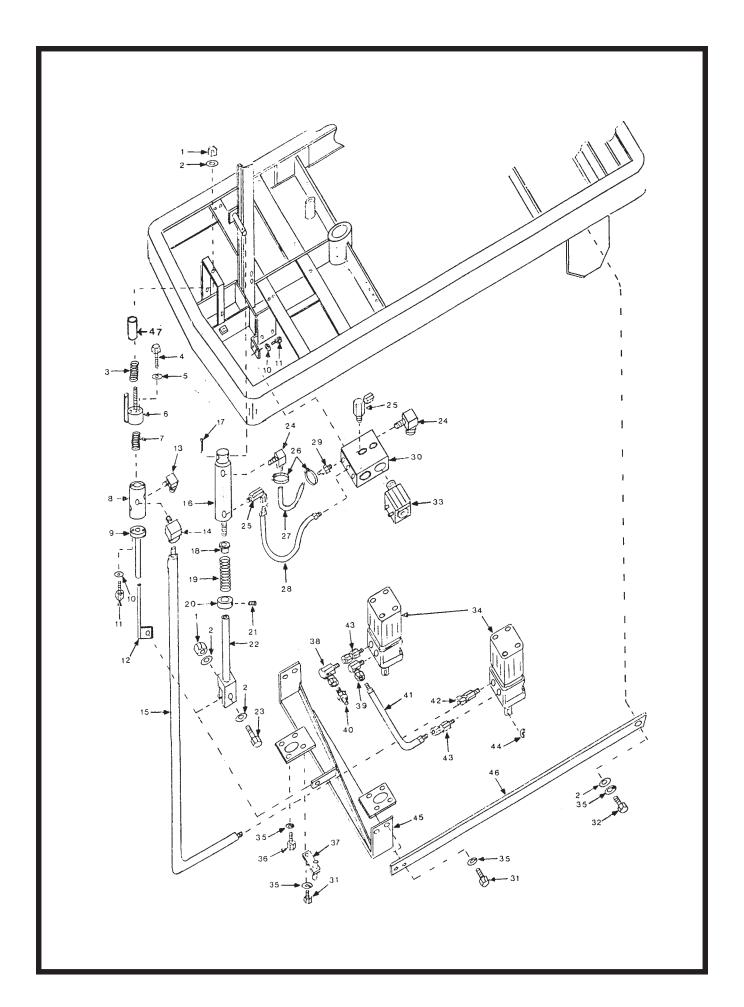




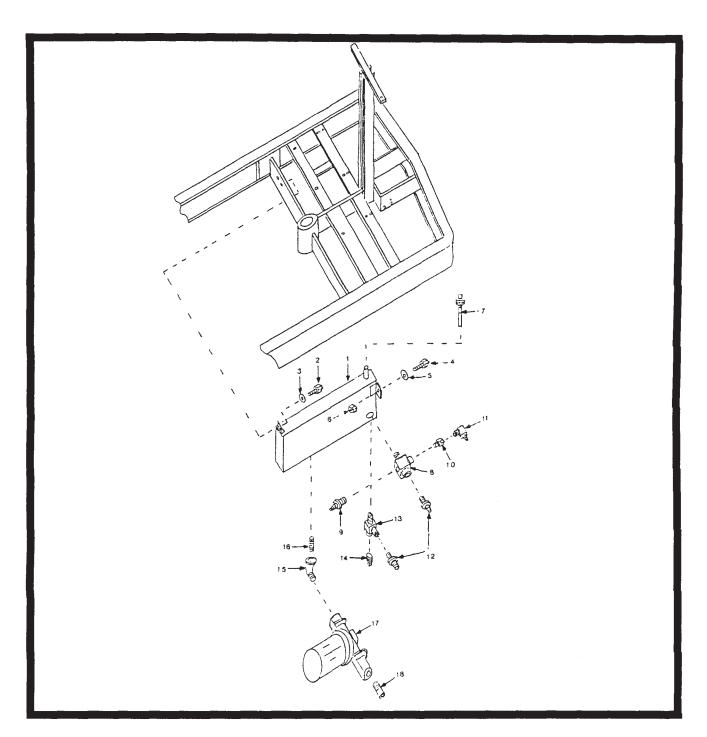
ITEM	PART NO	QTY	DESCRIPTION
1 2 3	340599 340539 340536	1	Manifold, Brush Cartridge Solenoid Valve Ell
4 5	340524 340484		Ell, Swivel Fitting
6 7	340506	4 1	Clamp
8	340534 340535	1	Hose Hose
9	340555	1	Cylinder Hose
10 11	340541 340542	1	Hose
12	340531	2	Hose
13 14	340570 340538		Valve, Brush Ell
15	340543	1 2	Hose
16 17	340530 340533	2	Street Ell Hose
18	340520	1	Hose, 31 inch
19 20	340521 340537		Hose Fitting
21	340548		Fitting
22 23	340517 340516		Fitting Ell, Swivel
24	340523		Coupling
25 26	340463 340505	4	Clamp Motor, Brush
27	340549	1	Hose
28 29	340564 340600	1	Reservoir, Oil Fitting
30	340486		Bushing
31 32	340544 340515	11	Hose Tee
33	340476		Plug
34	340550 340492		Cartridge, Relief Valve
35 36	34049 <i>2</i> 340622		Plug Pipe Nipple
37	340513		Ell, Street
38 39	340518 340545		Adaptor Drive Valve
40	340547		Fitting
41 42	340546 340532		Fitting Hose
43	340519		Fitting
44 45	340590 340589		Line, Hydraulic Line, Hydraulic
46	340502	1	Motor, Wheel
47 48	340522 340566	1	Hose Ell, Swivel
49	340593		Valve, Check
50 51	340528 340527	1	Pump Fitting
52	340603		Pipe
53 54	340495	2 1	Clamp
54 55	340540 340526	1	Hose Fitting
56	340465	1	Filter Assembly
57 58	340467 340478		EII, Street Nipple
59	340558	1	Cylinder
60	340525		Adaptor



ITEM	PART NO	QTY	DESCRIPTION
1	340556	1	Adaptor, Steering
2	710987	1	SCR-SC 3/8-16 x 1.50 STPL
3	710822	2	SCR-SC 1/4-20 x .37 ST NI
4	340488	2	Seal
5	340490	2	Cone
6	340491	1	Cup
7	340496	1	Fitting, Grease
8	710751	1	1/4 28 x 1/2 HH BLT
9	340416	1	Fork, Steering
10	340554	1	Key
11	340502	1	Motor, Wheel
12	711376	4	Nut-Nyloc 1/2-13
13	710754	4	1/2 x 13 x 2 3/4 Hardene
15	340561	1	Wheel, Drive
16	340489	1	Hub, Wheel
18	712037	5	7/16 x 20 1/4 BLT
19	712035	5	7/16 Lockwasher
20	340517	1	Fitting
21	340527	1	Fitting
22	340589	1	Line, Hydraulic
23	340590	1	Line, Hydraulic
24	711202	4	BLT-HH 1/4-20 x .50 STPL
25	711544	4	WSR-Helical 1/4
26	340519	2	Fitting
27	340532	2	Hose
28	340547	2	Fitting
29	340545	1	Drive Valve
30	711373	2	Nut-Nyloc 1/4-20
31	340546	1	Fitting
32	340518	1	Adaptor
33	710490	4	SCR-MC 4-40 x .50 STPL
34	741116	2	Micro Switch
35	711531	8 4	WSR-Finish #6
36 27	711596	4	WSR-Internal Lock #4
37 38	711428 340421	1	Nut-Hex 4-40 Pin, Pedal
39	711809	2	1/8 x 1 Cotter Pin
40	340419	1	Arm, Forward/Reverse
41	711375	i	Nut-Nyloc 3/8-16
42	711242	i	BLT-HH 3/8-16 x 1.00
43	340420	i	Link, Forward/Reverse
44	712097	1	Clevis Pin
45	711805	i	Cotter Pin .08 x 1.00
46	340445	1	Pedal, Forward/Reverse
47	711374	i	Nut-Nyloc 5/16-18
48	711230	i	BLT-HH 5/16-18 x 1.00 STPL
49	711505	4	WSR-Flat 1/4
50	340495	1	Clamp
51	340595	i	Bracket, Switch
52	710587	2	SCR-MC 1/4-20 x 1.50 ST NI

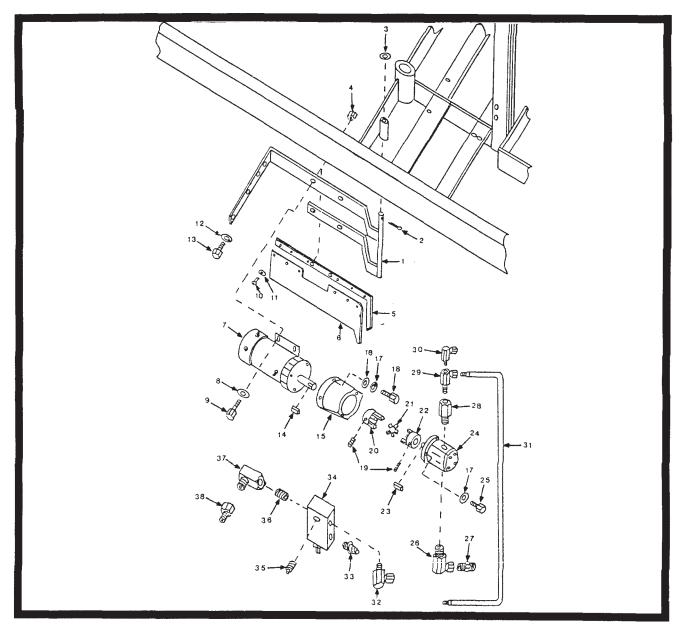


ITEM	PART NO	QTY	DESCRIPTION
1	711375	2	Nut-Nyloc 3/8-16
2	711508	5	WSR-Flat .44 x 1.00 x .06
3	340576	1	Spring
4	711214	2	BLT-HH 1/4-20 x 2.00 STPL
5	711544	1	WSR-Helical 1/4
6	340586	1	Cap, Top
7	340503	1	Spring
8	340570	1	Valve, Brush
9	340571	1	Extension, Valve
10	711544	2	WSR-Helical 1/4
11	711207	4	BLT-HH 1/4-20 x 1.00 STPL
12	340429	1	Actuator, Valve
13	340538	1	EII
14	340530	2	Street Ell
15	340533	1	Hose
16	340555	1	Cylinder
17	711807	1	Cotter Pin .12 x 1.75
18	340501	1	Bushing
19	340475	1	Spring, Brush
20 21	340480	1	Collar
22	711024	1	SCR-SK 5/16-18 x .50
23	340400 711243	1	Rod, Brush Lift
23	340536	1	BLT-HH 3/8-16 x 1.5 ST PL
25	340524	2 2	Ell Surius
26	340506	2	Ell, Swivel
27	340514	1	Clamp
28	340535	1	Nipple Hose
29	340624	1	
30	340599	2	Hose Barb Adapter Manifold, Brush
31	711242	6	BLT-HH 3/8-16 x 1.00
32	711241	2	BLT-HH 3/8-16 x .75
33	340539	6	Cartridge Solenoid Valve
33A	741115	6	Coil Solenoid Valve
34	340505	1	Motor, Brush
35	711546	14	WSR-Helical 3/8
36	711246	6	BLT-HH 3/8-16 x .87 ST PL
37	340427	2	Outlet, Solution
38	340516	1	Ell, Swivel
39	340517	1	Fitting
40	340523	1	Coupling
41	340521	1	Hose
42	340548	1	Fitting
43	340537	2	Fitting
44	340623	2	Woodruff Key Special
45	340426	1	Frame, Brush
46	340428	2	Arm, Brush, Lift
47	340602	1	Hose
48	340019	2	Brush Spindle Adapter
49	340631	2	Key 1/4 x 1/4 x 1.375
50	430035	2	Drive Hub



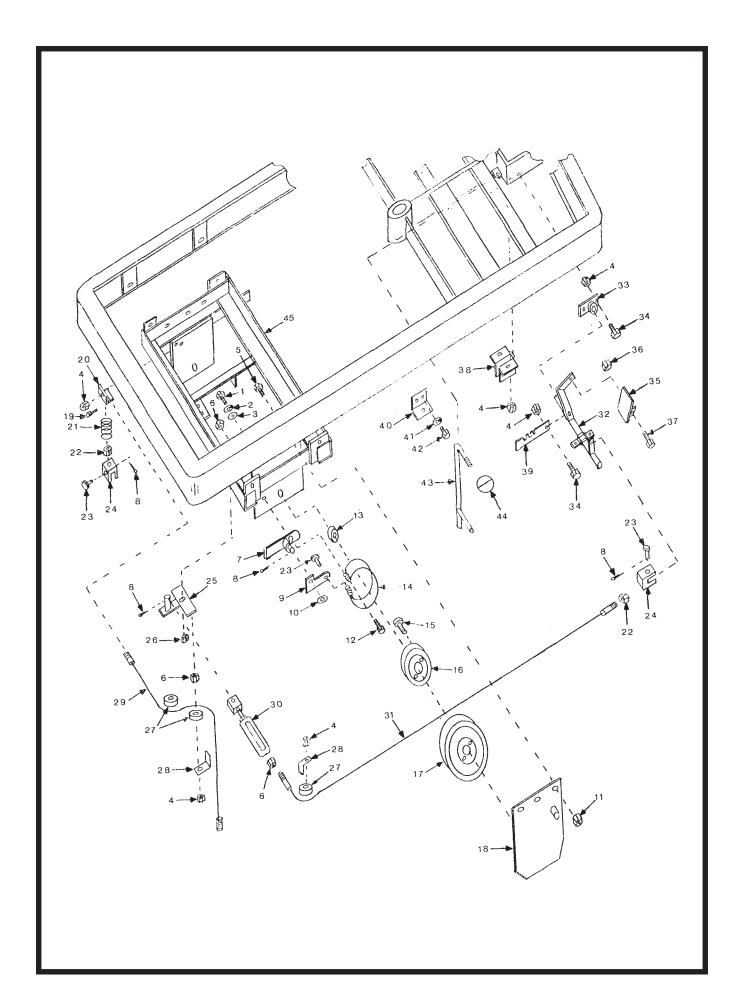
Parts List

ITEM	PART #	QTY	DESCRIPTION	ITEM	PART #	QTY	DESCRIPTION
1	340564	1	Reservoir, Oil	11	340538	1	EII
2	711241	2	BLT-HH 3/8-16 x .75 S	TPL 12	340523	2	Coupling
3	711546	2	WSR-Helical 3/8	13	340515	1	Tee
4	711231	1	BLT-HH 5/16-18 x 1.25	5 14	340476	1	Plug
5	711506	1	WSR-Flat 5/16 ST PI	15	340467	1	Ell, Street
6	711374	1	Nut-Nyloc 5/16-18	16	340478	1	Nipple
7	340565	1	Dipstick	17	340465	1	Filter Assembly
8	340600	1	Fitting	17A	340621	1	Oil Filter
9	340484	1	Fitting				Replacement
10	340486	1	Bushing	18	340526	1	Fitting

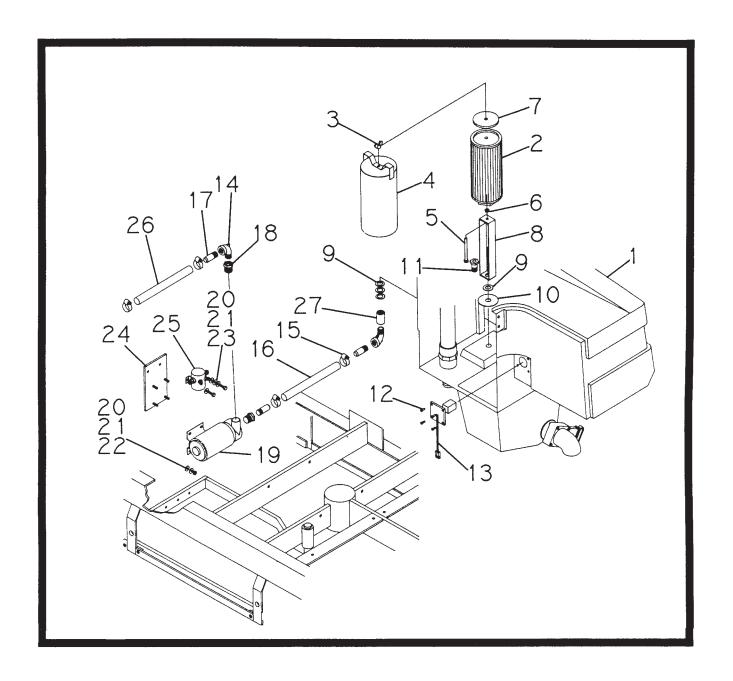


Parts List

ITEM	PART NO	QTY	DESCRIPTION	ITEM	PART NO	QTY	DESCRIPTION
1	340423	1	Mount, Motor	21	340469	1	Insert, Coupling
2	711644	1	3/16 x 1 1/2 Rollpin	22	340470	1	Coupling
3	340424	1	Washer	23	340625	1	Key Hydraulic Pump
4	711374	4	Nut-Nyloc 5/16-18	24	340528	1	Pump
5	340422	1	Strip, Back-up	25	711250	2	BLT-HH 3/8-16 x 1.25 STPL
6	340567	1	Guard, Motor	26	340527	1	Fitting
7	741114	1	Electric Motor 24V	27	340603	1	Pipe
8	711506	4	WSR-Flat 5/16 ST PL	28	340525	1	Adaptor
9	711231	4	BLT-HH 5/16-18 x 1.25	29	340566	1	Ell, Swivel
10	827666	7	Rivet Pop	30	340593	1	Valve, Check
11	711501	7	WSR-Flat #6	31	340522	1	Hose
12	711544	1	WSR-Helical 1/4	32	340516	1	Ell, Swivel
13	711207	1	BLT-HH 1/4-20 x 1.00 STPL	33	340523	1	Coupling
14	340401	4	Key	34	340550	1	Cartridge, Relief Valve
15	340472	6	Hub, Motor	34A	340606	1	Block, Relief
16	711508	6	WSR-Flat .44 x 1.00 x .06	35	340492	1	Plug
17	711546	2	WSR-Helical 3/8	36	340622	1	Pipe Nipple
18	711242	1	BLT-HH 3/8-16 x 1.00 STPL	37	340513	1	Ell, Street
19	711004	1	SCR-SK 1/4-20 x .25	38	340518	1	Adaptor

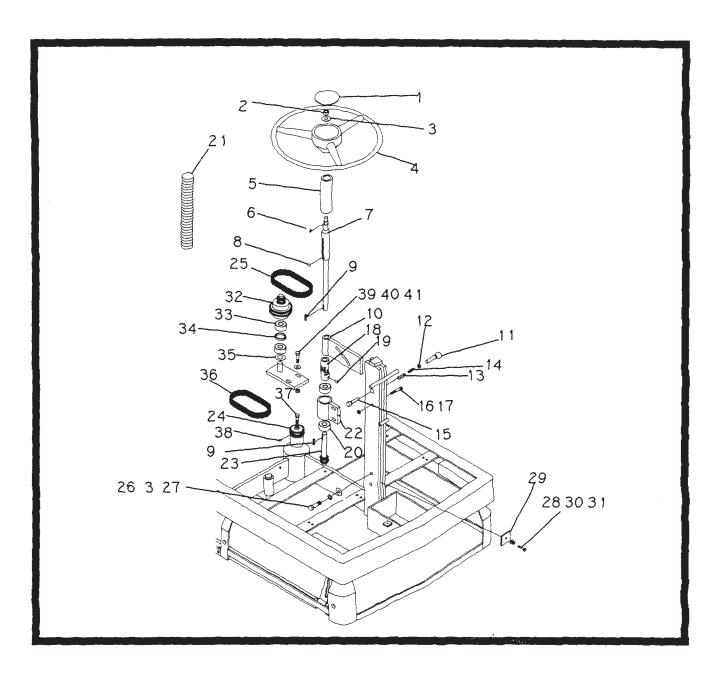


ITEM	PART NO	QTY	DESCRIPTION
1	711241	2	BLT-HH 3/8-16 x .75 STPL
2 3	711546	2 2	WSR-Helical 3/8
3 4	711576 711375	4	WSR-Flat .38 x 1.12 x .06 Nut-Nyloc 3/8-16
5	711073	6	7/16 x 20 1 1/4 BLT
6	711328	5	Nut-Hex 3/8-16 ST PL
7	340410	2	Lever, Brake
8	711809	6	1/8 x 1 Cotter Pin
9	340626	2	Link Brake
10	711506	2	WSR-Flat 5/16 ST PL
11	712034	6	7/16 x 14 Locknut
12	340560	2	Bolt, Special
13	340409	2	Spacer, Wheel
14	340627	1	Brake Band
15	710987	4	SCR-SC 3/8-16 x 1.50 STPL
16	340628	2	Brake Drum
17	340559	2 2	Wheel, Rear
18 19	340408	2	Plate, Wheel, Right BLT-HH 1/4-20 x .75 STPL
20	711204 340413	1	Bracket, Spring, Left
21	340413	1	Bracket, Spring, Leit Bracket, Spring, Right
22	340629	2	Return Spring
23	712098	4	Clevis Pin
23	711393	3	Nut-Hex Jam 3/8-24 ST PL
25	712055	3	Clevis Pin
26	712051	Ĭ	7/16 x 20 Locknut
27	340553	3	Sheave
28	340403	3	Retainer
29	340588	1	Cable, Brake
30	340573	1	Adjustment, Brake
31	340572	1	Cable, Brake
32	340433	1	Shaft, Brake
33	340435	1	Mount, Brake
34	711242	5	BLT-HH 3/8-16 x 1.00
35	340402	1	Pedal, Brake
36	711374	1	Nut-Nyloc 5/16-18
37 38	711230	1	BLT-HH 5/16-18 x 1.00 STPL
39	340430	1	Bracket, Brake
40	340431 340434	1	Link, Brake Bracket, Brake
41	711544	2	WSR-Helical 3/8
43	340432	1	Rod, Brake
44	340462	i	Knob
45	340405	i	Undercarriage



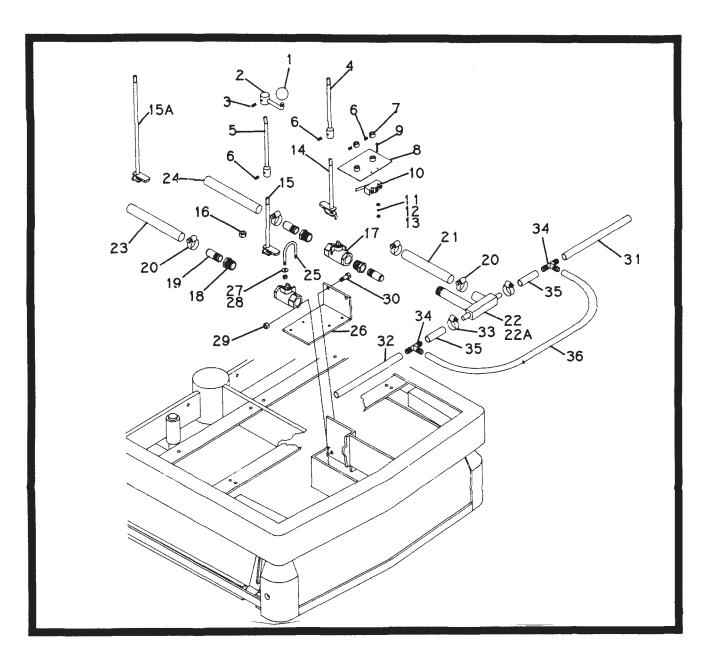
Parts List

ITEM	PART NO	QTY	DESCRIPTION	ITEM	PART NO	QTY	DESCRIPTION
1	340001MCH	1	340 Recycle Recovery Tank	15	340463	4	Clamp
2	340071	1	Filter 340 Recycle	16	340668	1	Hose Recycle Pump
3	711369	i i	Nut-Wing 5/16-18	17	340551	3	Pipe
4	340069	1	Cover Recycle Filter	18	340468	2	Bushing
5	807901	1	Bolt	19	340669	1	Pump Řecycle
6	712680	1	Nut-Hex 5/16-18	20	711505	7	WSR-Flat 1/4
7	340067	1	Gasket Recycle Filter	21	711544	3	WSR-Helical 1/4
8	340072	i	Bracket Filter Weldment	22	711373	4	Nut-Nloc 1/4-20
9	711517	4	WSR-Flat	23	711204	3	BLT-HH 1/4-20 x .75 STP
10	340064	1	Gasket Filter Bracket	24	340670	1	Plate Pump Mount
11	828945	i	Bulkhead Fitting	25	741111	1	Solenoid 24V
12	712810	4	SCR-MC 10-24 x .37	26	340665	1	Hose Recycle
13	741110	1	Float Turbine	27	340065	1	Coupling 1/2 NPT
14	57-81-A	2	Fitting 1/2 x 1/2 ELL 90				



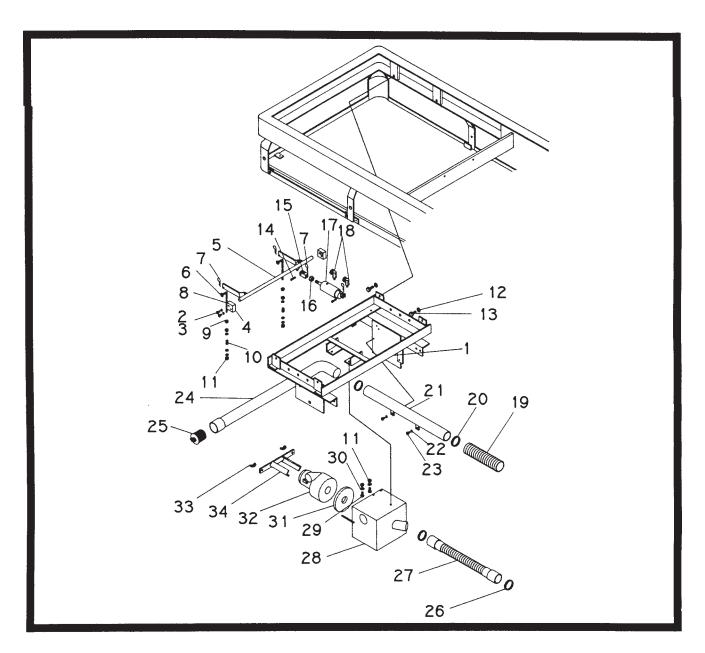
STEERING ASSEMBLY

ITEM	PART NO	QTY	DESCRIPTION	ITEM	PART NO	QTY	DESCRIPTION
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	340477 711337 711509 340471 340584 340499 340563 340504 340401 340417 340583 7111319 340494 340587 340418 711234 711374 340562 711004 340497	QTY 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2 2	Cap, Steering Nut, Hex 1/2-20 ST WSR, Flat 1/2 Wheel, Steering Cover, Steering Woodruff Key 1/16 x 5/8 Shaft, Steering, Upper Ball Key Slide, Tilt Extension, Knob Nut, Hex 5/16-18 ST Spring, Park Brake Rod, Steering Pin, Steering BLT-HH 5/16-18 x 2.00 Nut, Nyloc 5/16-18 Coupling SCR-SK 1/4-20 x .25	21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39	340594 340557 340610 340556 340612 712047 711547 711210 340404 711505 711544 340611 340512 340457 340458 340613 710987 710822 711234	1 1 1 1 1 2 2 1 1 1 1 1 2 1 1 1 1 2 1	Steering, Cover Holder, Bearing Shaft, Steering, Lower Adaptor, Steering Chain, Short BLT-HH 1/2-13 x 1.50 WSR-Helical 1/2 BLT-HH 1/4-20 x 1.25 Plate WSR-Flat 1/4 WSR-Helical 1/4 Idler, Sprocket Bearing Spacer Washer Chain, Long SCR-SC 3/8-16 x 1.50 SCR-SC 1/4-20 x .37 BLT-HH 5/16-18 x 2.00
20	340497	2	Bearing	40 17	711508	2	WSR-Flat



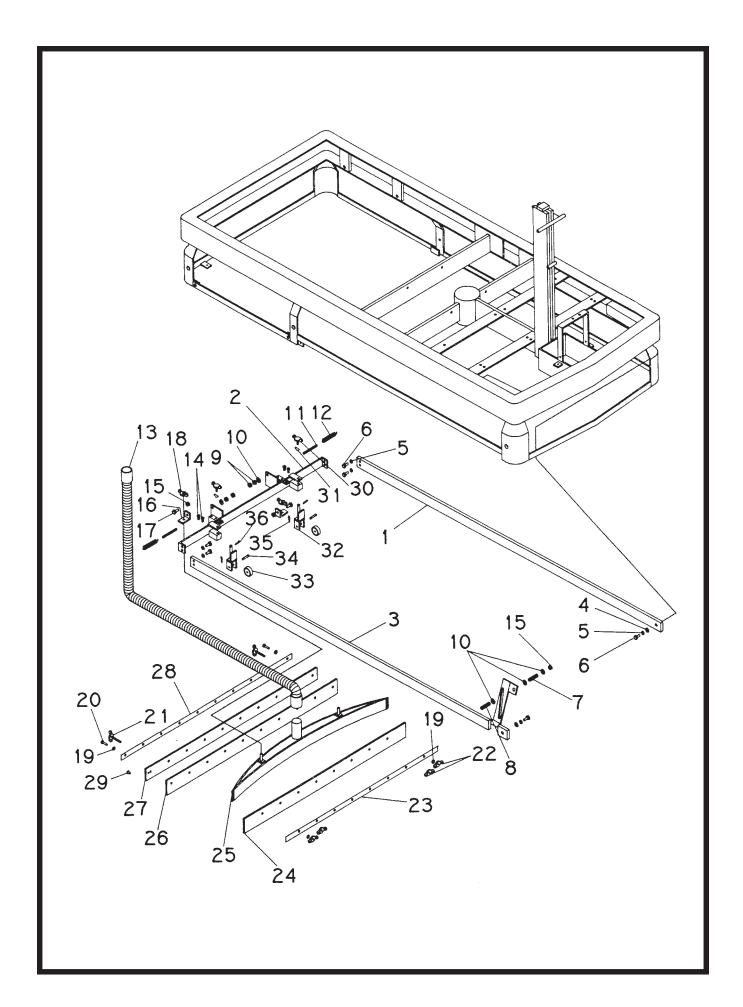
WATER VALVE ASSEMBLY

ITEM	PART NO	QTY	DESCRIPTION	ITEM	PART NO	QTY	DESCRIPTION
1	340552	2	Knob	19	340551	3	Pipe
2	340447	2	Handle	20	340463	2	Clamp
3	710822	2	Set, SCR 1/4-20 x .25	21	340660	1	Hose
4	340655	1	Extension, Recycle	22	340663	1	Distributor, Water
5	340611	1	Extension, Solution	23	340579	1	Hose, Solution
6	711011	4	Set, SCR 1/4-20 x .25	24	340665	1	Hose, Recycle
7	340656	2	Collar	25	340493	2	U-Bolt
8	340657	1	Plate, Micro Switch	26	340666	1	Bracket, Valve
9	710307	2	SCR 6-32 x 1	27	711544	4	1/4 Lock Washer
10	340658	1	Switch	28	711316	4	Nut 1/4-20
11	711501	2	#6 Flat Washer	29	711380	2	Nut-Nyloc 3/8-16
12	711541	2	#6 Lock Washer	30	711242	2	Bolt 3/8-16 x 1
13	711301	2	Nut 6-32	31	340569	1	Hose, Left
14	340659	1	Rod, Recycle	32	340592	1	Hose, Right
15	340662	1	Rod, Solution	33	340506	1	Clamp
16	711446	2	Nut 7/16-20 UNF	34	341249	2	1/2 x 1/2 x 1/2 Hose BARB Tee
17	340473	2	Valve, Water	35	341250	2	1/2 ID Clear Hose 2.5"
18	340468	3	Bushing	36	341251	1	1/2 ID Clear Hose 11.5"

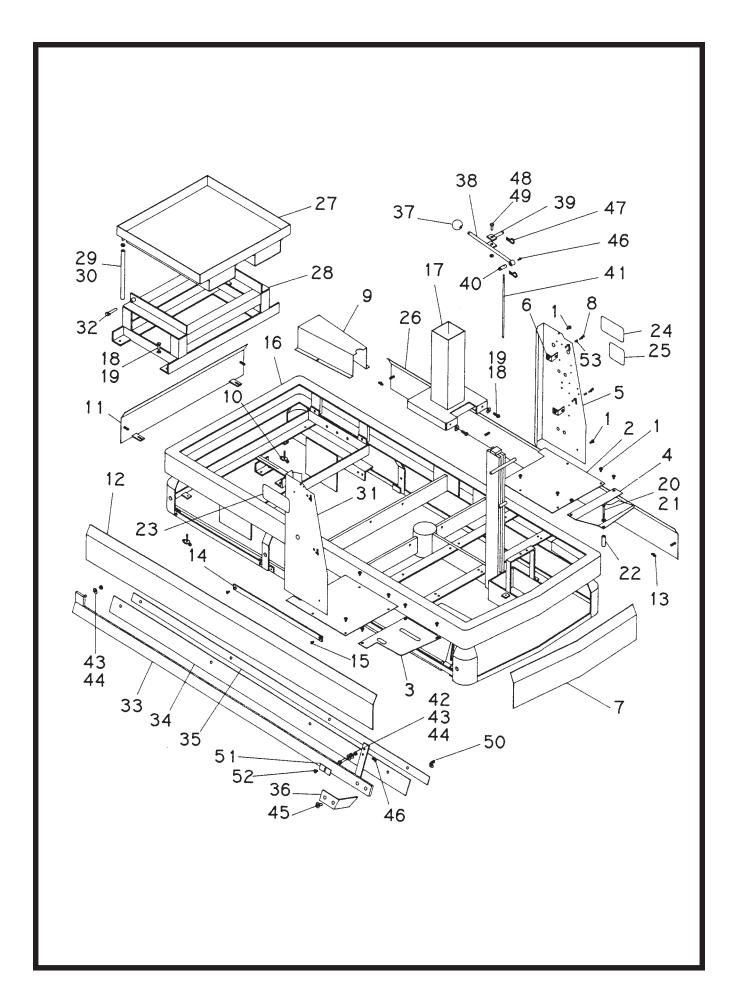


SQUEEGEE LIFT & VACUUM ASSEMBLY

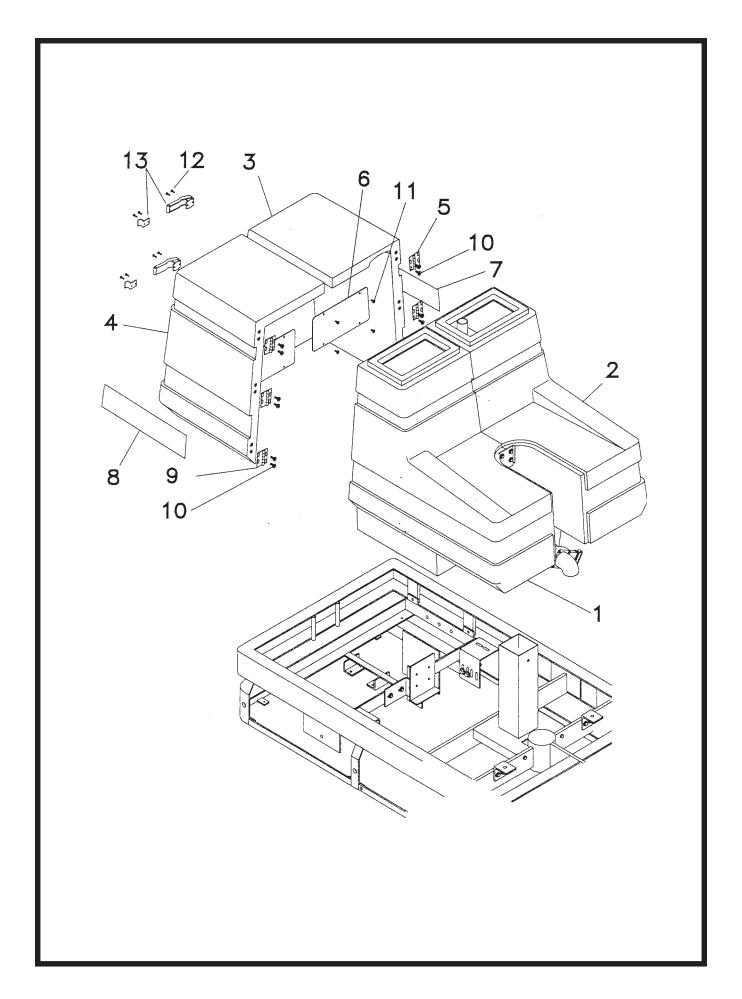
ITEM	PART NO	QTY	DESCRIPTION	ITEM	PART NO	QTY	DESCRIPTION
1	340405	1	Under Carriage	18	340524	2	Swivel Ell
2	711250	4	Bolt 3/8-16 x 1.25	19	340597	1	Hose
3	711546	4	Lock Washer 3/8	20	340464	3	Clamp
4	340406	2	Squeegee Lift Mount	21	340596	1	Drain Tube
5	340448	1	Squeegee Lift	22	711544	2	Lock Washer 1/4
6	711506	8	Flat Washer 5/16	23	711202	2	Bolt 1/4-20 x .50
7	711809	4	Cotter Pin	24	340598	1	Drain Hose
8	340414	2	Lift Rod	25	750402	1	Plug
9	711319	4	Hex Nut 5/16-18	26	340466	2	Clamp
10	340601	2	Spring	27	340580	1	Vacuum Hose
11	711374	5	Lock Nut 5/16-18	28	340615	1	Turbine Enclosure
12	711547	4	Lock Washer 1/2	29	711228	3	Bolt 5/16-18 x .75
13	712010	4	Bolt 1/2-13 x 1.00	30	711506	3	Flat Washer 5/16
14	712098	2	Clevis Pin	31	828995	1	Gasket
15	712055	1	Clevis	32	740225	1	Turbine
16	711393	1	Jam Nut 3/8-24	33	711366	2	Wing Nut 5/16-18
17	340558	1	Squeegee Cylinder	34	340614	1	Turbine Cover



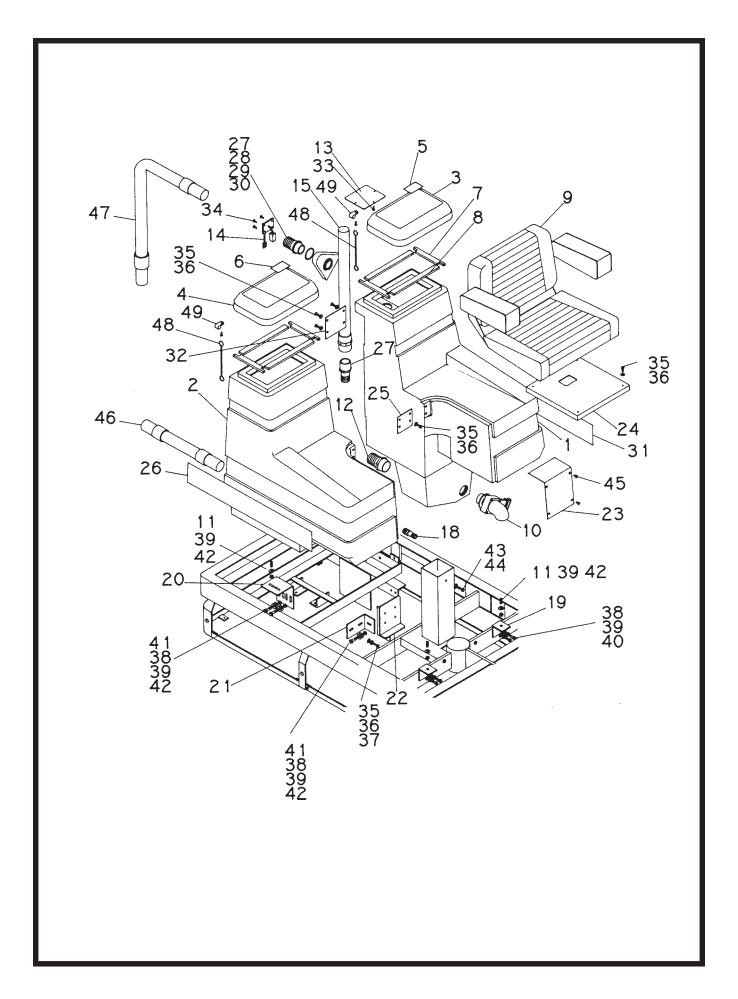
ITEM	PART NO	QTY	DESCRIPTION
1 2	340439 340442	1 1	Left Squeegee Lift Arm Rear Squeegee Lift Arm
3	340440	1	Right Squeegee Arm
4	711506	2	Flat Washer 5/16
5	711545	6	Lock Washer 5/16
6	711228	6	Bolt 5/16-18 x .75
7	340576	1	Spring
8	340578	1	Spring
9	711328	4	Hex Nut 3/8-16
10	711508	5	Flat Washer 3/8
11	340575	2 2	Adjustment Rod
12 13	340481 450054	1	Spring Hose
14	710599	4	
15	711375	3	Bolt, Hard 1/4-20 x 1.00 Lock Nut 3/8-16
16	340441	9	Squeegee Bracket
17	711242	2 2 2	Bolt 3/8-16 x 1.00
18	711366	2	Wing Nut1/4-20
19	711505	4	Flat Washer1/4-20
20	711207	2	Bolt 1/4-20 x 1.00
21	712001	2	Bolt, Wing 1/4-20 x 2.00
22	711368	4	Wing Nut1/4-20 (nylon)
23	340460	1	Backup Strip
24	340618	1	Gum Rubber Squeegee
25	340459	1	Rear Squeegee Frame
26	340616	1	Gum Rubber Squeegee
27	340617	1	Neoprene Squeegee
28	340461	1	Backup Strip
29	710180	1	Threaded Screw 1/4-20
30	712002	2	Bolt, Wing 3/8-16 x 1.875
31	340454	2	Spring
32	340450	2 2 2 2 2	Wheel Mount
33	340511	2	Wheel
34	340630	2	Pin
35	711804	4	Hair Pin Clip
36	809799	2	Hair Pin Clip



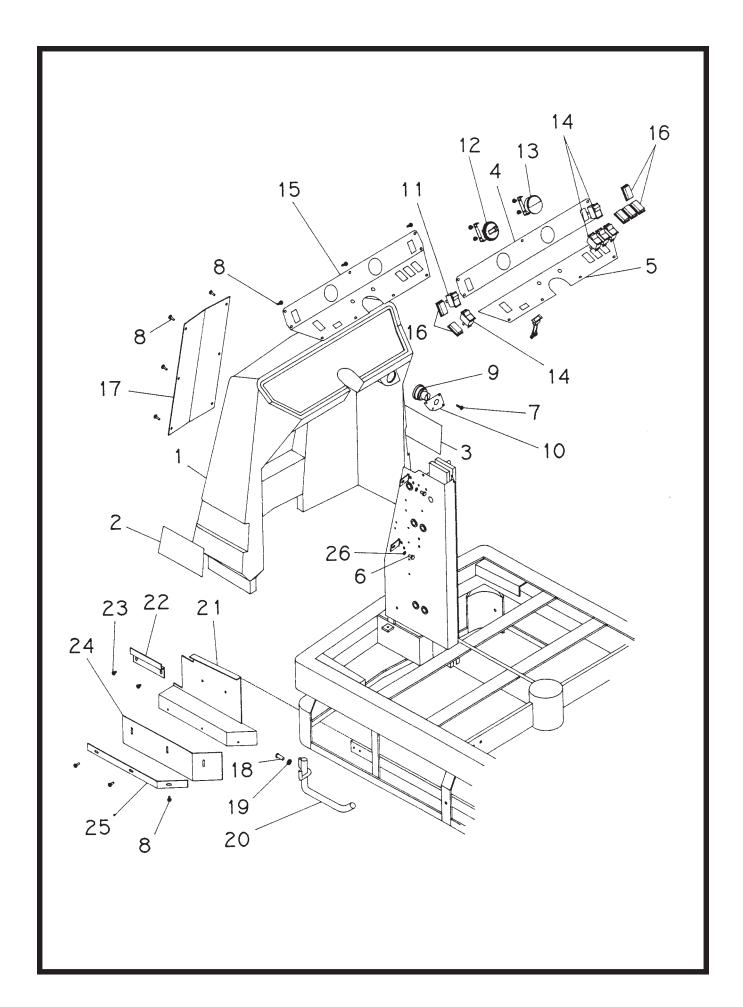
1 710177 17 SCR-MC 1/4-20 x .37 2 340531 2 Floor, Rear 3 400015 1 RH Floor Panel 4 340014 1 LH Floor Panel 5 340008 1 LH Column Enclosure 6 340010 4 Mounting Bracket 7 340604 1 Front Skirt 8 712101 8 BLT-HH 10-24 x .50 10 712055 4 Wing Bolt 1/4 20 x 1 1/4 11 340605 1 Rear Skirt 12 340585 1 Right Side Skirt 13 711366 4 Wing Nut 5/16-18 14 340407 3 Frame Bracket 15 710580 6 1/4 20 x 1/2 FH Socket Set 16 340415 1 Main Frame 17 340022 1 Seat Post Mounting Assembly 18 711230 8 BLT-HH 1/4-20 x 2.00 19 711545 8 Helical WSR 5/16 20 711214 1 BLT-HH 1/4-20 x 2.00 19 711505 1 Flat WSR 1/4 22 809858 1 Spacer 23 715202 1 Side Squeegee Park Adj. Decal 24 715203 1 Till/Height Adj. Decal 25 715204 1 Left Side Skirt 27 340031 1 Battery Tray Woldment 28 340049 1 Battery Tray Woldment 29 450076 1 Crimp Clamp SS 185R 30 430097 1 Clear Solution Hose 18" 31 340009 1 RH Column Enclosure 4 34 340577 1 Squeegee 17 11247 2 HH Bolt 3/8-16 x 2.00 28 340443 1 Back-Up Strip 36 340413 1 Side Squeegee Lift 37 340552 1 Knob 38 340444 1 Side Squeegee Lift 39 340437 1 Side Squeegee Lift 39 340437 1 Side Squeegee Lift 39 340438 1 Cable Pin 41 340574 1 Side Squeegee Cable 42 711250 1 BLT-HH 3/8-16 x 2.00 43 711508 3 Flat WSR .44 x 1.00 x .06 44 711375 2 Nyloc Nut 3/8-16 45 710923 2 SCR-SC 5/16-18 x .62 46 710357 2 SCR-MC 10-32 x .75 47 711808 2 Cotter Pin - Hair #3 48 711207 1 BLT-HH 1/4-20 x 50 40 711367 4 Wing Nut 3/8-16 51 340449 1 Squeegee Adj. Bracket	ITEM	PART NO	QTY	DESCRIPTION
2 340531 2 Floor, Rear 3 340015 1 RH Floor Panel 4 340014 1 LH Floor Panel 5 340008 1 LH Column Enclosure 6 340010 4 Mounting Bracket 7 340604 1 Front Skirt 8 712101 8 BLT-HH 10-24 x .50 C Chain Cover 10 712055 4 Wing Bolt 1/4 20 x 1 1/4 11 340605 1 Rear Skirt 12 340585 1 Right Side Skirt 13 711366 4 Wing Nut 5/16-18 14 340407 3 Frame Bracket 15 710580 6 1/4 20 x 1/2 FH Socket Set 16 340415 1 Main Frame 17 340022 1 Seat Post Mounting Assembly 18 711230 8 BLT-HH 1/4-20 x 2.00 18 711545 8 Helical WSR 5/16 20 711214 1 BLT-HH 1/4-20 x 2.00 17 11505 1 Flat WSR 1/4 22 809858 1 Spacer 23 715202 1 Side Squeegee Park Adj. Decal 24 715203 1 Tilt/Height Adj. Decal 25 715204 1 Power Disconnect Decal 26 340607 1 Left Side Skirt 27 340031 1 Battery Tray Weldment 28 340049 1 Battery Tray Wount 29 450076 1 Crimp Clamp SS 185R 30 430097 1 Clear Solution Hose 18" 31 340044 1 Side Squeegee Frame 34 340437 1 Side Squeegee Lift 37 340552 1 Knob 38 340436 1 Side Squeegee Lift 39 340437 1 Side Squeegee Lift 31 340574 1 Side Squeegee Lift 31 340574 1 Side Squeegee Lift 31 34057 1 Squeegee 32 711250 1 BLT-HH 3/8 -16 x 1.00 34 711508 3 Flat WSR -16 35 340438 1 Cable Pin 36 340437 1 Side Squeegee Lift 37 340552 1 Knob 38 340436 1 Side Squeegee Lift 39 340437 1 Side Squeegee Lift 31 34007 2 SCR-MC 10-32 x .75 47 711808 2 Cotter Pin - Hair #3 48 711207 1 BLT-HH 1/4-20 S S Nyloc 50 711367 4 Wing Nut 3/8-16 51 340449 1 Squeegee Adj. Bracket 52 710178 1 SCR-MC 1/4-20 x .50	1	710177	17	SCR-MC 1/4-20 x .37
3 340015 1				
5 340008 1 LH Column Enclosure 6 340010 4 Mounting Bracket 7 340604 1 Front Skirt 8 712101 8 BLT-HH 10-24 x .50 9 340582 1 Chain Cover 10 712055 4 Wing Bolt 1/4 20 x 1 1/4 11 340605 1 Rear Skirt 12 340585 1 Right Side Skirt 13 711366 4 Wing Nut 5/16-18 14 340407 3 Frame Bracket 15 710580 6 1/4 20 x 1/2 FH Socket Set 16 340415 1 Main Frame 17 340022 1 Seat Post Mounting Assembly 18 711230 8 BLT-HH 5/16-18 x 1.00 19 711545 8 Helical WSR 5/16 20 711214 1 BLT-HH 1/4-20 x 2.00 19 711545 8 Helical WSR 5/16 20 711214 1 BLT-HH 1/4-20 x 2.00 21 71505 1 Flat WSR 1/4 22 809858 1 Spacer 23 715202 1 Side Squeegee Park Adj. Decal 24 715203 1 Tilt/Height Adj. Decal 25 715204 1 Power Disconnect Decal 26 340607 1 Left Side Skirt 27 340031 1 Battery Tray Weldment 28 340049 1 Battery Tray Weldment 28 340049 1 Battery Tray Wount 29 450076 1 Crimp Clamp SS 185R 30 430097 1 Clear Solution Hose 18" 31 340099 1 RH Column Enclosure 32 711247 2 HH Bolt 3/8-16 x 2.00 33 340444 1 Side Squeegee Frame 34 340577 1 Squeegee Frame 35 340433 1 Back-Up Strip 36 340041 1 Side Squeegee Lift 39 340437 1 Side Squeegee Cable 44 711375 2 Nyloc Nut 3/8-16 51 340449 1 Squeegee Alp. Bracket 50 711367 4 Wing Nut 3/8-16 51 340449 1 Squeegee Alp. Bracket 50 711367 4 Wing Nut 3/8-16 51 340449 1 Squeegee Alp. Bracket 52 710178 1 SCR-MC 1/4-20 x 5.50				
6 340010 4 Mounting Bracket 7 340604 1 Front Skirt 8 712101 8 BLT-HH 10-24 x .50 9 340582 1 Chain Cover 10 712055 4 Wing Bolt 1/4 20 x 1 1/4 11 340605 1 Rear Skirt 12 340585 1 Right Side Skirt 13 711366 4 Wing Nut 5/16-18 14 340407 3 Frame Bracket 15 710580 6 1/4 20 x 1/2 FH Socket Set 16 340415 1 Main Frame 17 340022 1 Seat Post Mounting Assembly 18 711230 8 BLT-HH 5/16-18 x 1.00 19 711545 8 Helical WSR 5/16 20 711214 1 BLT-HH 1/4-20 x 2.00 19 711505 1 Flat WSR 1/4 22 809858 1 Spacer 23 715202 1 Side Squeegee Park Adj. Decal 24 715203 1 Tilt/Height Adj. Decal 25 715204 1 Power Disconnect Decal 26 340607 1 Left Side Skirt 27 340031 1 Battery Tray Weldment 28 340049 1 Battery Tray Weldment 29 450076 1 Crimp Clamp SS 185R 30 430097 1 Clear Solution Hose 18" 31 340009 1 RH Column Enclosure 34 340577 1 Squeegee Frame 34 340577 1 Squeegee Frame 35 340444 1 Side Squeegee Lift 36 340436 1 Side Squeegee Lift 37 340552 1 Knob 38 340443 1 Back-Up Strip 36 340437 1 Side Squeegee Lift 39 340437 1 Side Squeegee Lift 39 340437 1 Side Squeegee Lift 39 340437 1 Side Squeegee Lift 40 340438 1 Side Squeegee Lift 41 340574 1 Side Squeegee Lift 42 711250 1 BLT-HH 3/8 -16 x 1.25 43 711508 2 CR-SC 5/16-18 x .62 46 710357 2 SCR-MC 10-32 x .75 47 711808 2 COtter Pin - Hair #3 48 711207 1 BLT-H 11/4-20 x 1.00 49 712667 1 Nut-Hex 1/4-20 x S.50		340014	1	LH Floor Panel
7 340604 1 Front Skirt 8 712101 8 BLT-HH 10-24 x .50 9 340582 1 Chain Cover 10 712055 4 Wing Bolt 1/4 20 x 1 1/4 11 340605 1 Rear Skirt 12 340585 1 Right Side Skirt 13 711366 4 Wing Nut 5/16-18 14 340407 3 Frame Bracket 15 710580 6 1/4 20 x 1/2 FH Socket Set 16 340415 1 Main Frame 17 340022 1 Seat Post Mounting Assembly 18 711230 8 BLT-HH 5/16-18 x 1.00 19 711545 8 Helical WSR 5/16 20 711214 1 BLT-HH 1/4-20 x 2.00 21 711505 1 Flat WSR 1/4 22 809858 1 Spacer 23 715202 1 Side Squeegee Park Adj. Decal 24 715203 1 Tilf/Height Adj. Decal 25 715204 1 Power Disconnect Decal 26 340607 1 Left Side Skirt 27 340031 1 Battery Tray Weldment 28 340049 1 Battery Tray Wount 29 450076 1 Crimp Clamp SS 185R 30 430097 1 Clear Solution Hose 18" 31 340009 1 RH Column Enclosure 32 711247 2 HH Bolt 3/8-16 x 2.00 33 340444 1 Side Squeegee Frame 34 340577 1 Squeegee 35 340437 1 Side Squeegee Lift 36 340413 1 Back-Up Strip 36 340437 1 Side Squeegee Lift 37 340552 1 Knob 38 340438 1 Cable Pin 39 340437 1 Side Squeegee Cable 41 340574 1 Side Squeegee Lift Pivot 40 340438 1 Cable Pin 41 340574 1 Side Squeegee Cable 42 711250 1 BLT-HH 3/8 -16 x 1.25 43 711508 2 Cotter Pin - Hair #3 44 711375 2 SCR-MC 10-32 x .75 47 711808 2 Cotter Pin - Hair #3 48 711207 1 BLT-HH 1/4-20 x 1.00 49 712667 1 Nut-Hex 1/4-20 SS Nyloc 50 711367 4 Wing Nut 3/8-16 51 340449 1 Squeegee Adj. Bracket 52 710178 1 SCR-MC 1/4-20 x 50		340008	1	LH Column Enclosure
8 712101 8 BLT-HH 10-24 x .50 9 340582 1 Chain Cover 10 712055 4 Wing Bolt 1/4 20 x 1 1/4 11 340605 1 Rear Skirt 12 340585 1 Right Side Skirt 13 711366 4 Wing Nut 5/16-18 14 340407 3 Frame Bracket 15 710580 6 1/4 20 x 1/2 FH Socket Set 16 340415 1 Main Frame 17 340022 1 Seat Post Mounting Assembly 18 711230 8 BLT-HH 5/16-18 x 1.00 19 711545 8 Helical WSR 5/16 20 711214 1 BLT-HH 1/4-20 x 2.00 19 711505 1 Flat WSR 1/4 22 809858 1 Spacer 23 715202 1 Side Squeegee Park Adj, Decal 24 715203 1 Tilt/Height Adj. Decal 25 715204 1 Power Disconnect Decal 26 340607 1 Left Side Skirt 27 340031 1 Battery Tray Weldment 28 340049 1 Battery Tray Weldment 28 340049 1 Battery Tray Wount 29 450076 1 Crimp Clamp SS 185R 30 430097 1 Clear Solution Hose 18" 31 340009 1 RH Column Enclosure 32 711247 2 HH Bolt 3/8-16 x 2.00 33 340444 1 Side Squeegee Frame 34 340577 1 Squeegee 35 340443 1 Back-Up Strip 36 340011 1 Side Squeegee Lift 37 340552 1 Knob 38 340436 1 Side Squeegee Lift 39 340437 1 Side Squeegee Lift 39 340437 1 Side Squeegee Lift 41 340574 1 Side Squeegee Lift 42 711250 1 BLT-HH 3/8 -16 x 1.25 43 711508 3 Flat WSR .44 x 1.00 x .06 44 711375 2 Nyloc Nut 3/8-16 45 710923 2 SCR-SC 5/16-18 x .62 46 710357 2 Cotter Pin - Hair #3 48 711207 1 BLT-HH 1/4-20 x 1.00 49 712667 1 Nut-Hex 1/4-20 SS Nyloc 50 711367 4 Wing Nut 3/8-16 51 340449 1 Squeegee Adj, Bracket 52 710178 1 SCR-MC 1/4-20 x 50		340010		
9 340582 1 Chain Cover 10 712055 4 Wing Bolt 1/4 20 x 1 1/4 11 340605 1 Rear Skirt 12 340585 1 Right Side Skirt 13 711366 4 Wing Nut 5/16-18 14 340407 3 Frame Bracket 15 710580 6 1/4 20 x 1/2 FH Socket Set 16 340415 1 Main Frame 17 340022 1 Seat Post Mounting Assembly 18 711230 8 BLT-HH 5/16-18 x 1.00 19 711545 8 Helical WSR 5/16 20 711214 1 BLT-HH 1/4-20 x 2.00 19 711505 1 Flat WSR 1/4 22 809858 1 Spacer 23 715202 1 Side Squeegee Park Adj. Decal 24 715203 1 Tilt/Height Adj. Decal 25 715204 1 Power Disconnect Decal 26 340607 1 Left Side Skirt 27 340031 1 Battery Tray Weldment 28 340049 1 Battery Tray Weldment 29 450076 1 Crimp Clamp SS 185R 30 430097 1 Clear Solution Hose 18" 31 340009 1 RH Column Enclosure 4H Bolt 3/8-16 x 2.00 33 340444 1 Side Squeegee Frame 34 340577 1 Squeegee 35 340443 1 Back-Up Strip 36 340011 1 Side Bar Guard 37 340552 1 Knob 38 340436 1 Side Squeegee Lift 39 340437 1 Side Squeegee Cable 41 340574 1 Side Squeegee Lift 39 340437 1 Side Squeegee Lift 39 340437 1 Side Squeegee Cable 41 340574 1 Side Squeegee Cable 42 711250 1 BLT-HH 3/8 -16 x 1.25 43 711508 2 Cotter Pin - Hair #3 44 711375 2 Nyloc Nut 3/8-16 45 710923 2 SCR-SC 5/16-18 x .62 46 710357 2 SCR-MC 10-32 x .75 47 711808 2 Cotter Pin - Hair #3 48 T11207 1 BLT-HH 1/4-20 x 1.00 49 712667 1 Nut-Hex 1/4-20 SS Nyloc 50 711367 4 Wing Nut 3/8-16 51 340449 1 Squeegee Adj. Bracket 52 710178 1 SCR-MC 1/4-20 x .50				
10 712055				
11 340605 1 Rear Skirt 12 340585 1 Right Side Skirt 13 711366 4 Wing Nut 5/16-18 14 340407 3 Frame Bracket 15 710580 6 1/4 20 x 1/2 FH Socket Set 16 340415 1 Main Frame 17 340022 1 Seat Post Mounting Assembly 18 711230 8 BLT-HH 5/16-18 x 1.00 19 711545 8 Helical WSR 5/16 20 711214 1 BLT-HH 1/4-20 x 2.00 19 711505 1 Flat WSR 1/4 22 809858 1 Spacer 23 715202 1 Side Squeegee Park Adj. Decal 24 715203 1 Tilt/Height Adj. Decal 25 715204 1 Power Disconnect Decal 26 340607 1 Left Side Skirt 27 340031 1 Battery Tray Weldment 28 340049 1 Battery Tray Wount 29 450076 1 Crimp Clamp SS 185R 30 430097 1 Clear Solution Hose 18" 31 340009 1 RH Column Enclosure 32 711247 2 HH Bolt 3/8-16 x 2.00 33 340444 1 Side Squeegee Frame 34 340577 1 Squeegee 34 34043 1 Back-Up Strip 36 340011 1 Side Squeegee Lift 37 340552 1 Knob 38 340436 1 Side Squeegee Lift 39 340437 1 Side Squeegee Lift Pivot 40 340438 1 Side Squeegee Lift Pivot 40 340438 1 Side Squeegee Lift Pivot 40 340438 1 Side Squeegee Cable 41 340574 1 Side Squeegee Cable 42 711250 1 BLT-HH 3/8 -16 x 1.25 43 711508 3 Flat WSR .44 x 1.00 x .06 44 711375 2 Nyloc Nut 3/8-16 45 710923 2 SCR-SC 5/16-18 x .62 46 710357 2 SCR-MC 10-32 x .75 47 711808 2 Cotter Pin - Hair #3 48 711207 1 BLT-HH 1/4-20 x 1.00 49 712667 1 Nut-Hex 1/4-20 SS Nyloc 50 711367 4 Wing Nut 3/8-16 51 340449 1 Squeegee Adj. Bracket 52 710178 1 SCR-MC 1/4-20 x .50				
12 340585 1 Right Side Skirt 13 711366 4 Wing Nut 5/16-18 14 340407 3 Frame Bracket 15 710580 6 1/4 20 x 1/2 FH Socket Set 16 340415 1 Main Frame 17 340022 1 Seat Post Mounting Assembly 18 711230 8 BLT-HH 5/16-18 x 1.00 19 711545 8 Helical WSR 5/16 20 711214 1 BLT-HH 1/4-20 x 2.00 21 711505 1 Flat WSR 1/4 22 809858 1 Spacer 23 715202 1 Side Squeegee Park Adj. Decal 24 715203 1 Tilf/Height Adj. Decal 25 715204 1 Power Disconnect Decal 26 340607 1 Left Side Skirt 27 340031 1 Battery Tray Weldment 28 340049 1 Battery Tray Wount 29 450076 1 Crimp Clamp SS 185R 30 430097 1 Clear Solution Hose 18" 31 340009 1 RH Column Enclosure 32 711247 2 HH Bolt 3/8-16 x 2.00 33 340444 1 Side Squeegee Frame 34 340577 1 Squeegee 34 340443 1 Back-Up Strip 36 340413 1 Back-Up Strip 37 340552 1 Knob 38 340436 1 Side Squeegee Lift 39 340437 1 Side Squeegee Lift 39 340437 1 Side Squeegee Lift 40 340438 1 Cable Pin 41 340574 1 Side Squeegee Cable 42 711250 1 BLT-HH 3/8 -16 x 1.25 43 711508 3 Flat WSR .44 x 1.00 x .06 44 711375 2 SCR-MC 10-32 x .75 47 711808 2 Cotter Pin - Hair #3 48 711207 1 BLT-HH 1/4-20 x 1.00 49 712667 1 Nut-Hex 1/4-20 SS Nyloc 50 711367 4 Wing Nut 3/8-16 51 340449 1 Squeegee Adj. Bracket 52 710178 1 SCR-MC 1/4-20 x .50				
13 711366 4 Wing Nut 5/16-18 14 340407 3 Frame Bracket 15 710580 6 1/4 20 x 1/2 FH Socket Set 16 340415 1 Main Frame 17 340022 1 Seat Post Mounting Assembly 18 711230 8 BLT-HH 5/16-18 x 1.00 19 711545 8 Helical WSR 5/16 20 711214 1 BLT-HH 1/4-20 x 2.00 21 711505 1 Flat WSR 1/4 22 809858 1 Spacer 23 715202 1 Side Squeegee Park Adj. Decal 24 715203 1 Till/Height Adj. Decal 25 715204 1 Power Disconnect Decal 26 340607 1 Left Side Skirt 27 340031 1 Battery Tray Mount 28 340049 1 Battery Tray Mount 29 450076 1 Crimp Clamp SS 185R 30 430097 1 Clear Solution Hose 18" 31 340009 1 RH Column Enclosure 32 711247 2 HH Bolt 3/8-16 x 2.00 33 340444 1 Side Squeegee Frame 34 340577 1 Squeegee 32 711247 2 HH Bolt 3/8-16 x 2.00 33 340444 1 Side Squeegee Lift 34 340577 1 Squeegee 35 340443 1 Back-Up Strip 36 340011 1 Side Squeegee Lift 37 340552 1 Knob 38 340436 1 Side Squeegee Lift Pivot 40 340438 1 Cable Pin 41 340574 1 Side Squeegee Lift Pivot 40 340438 1 Cable Pin 41 340574 1 Side Squeegee Cable 42 711250 1 BLT-HH 3/8-16 x 1.25 43 711508 3 Flat WSR .44 x 1.00 x .06 44 711375 2 Nyloc Nut 3/8-16 45 710923 2 SCR-SC 5/16-18 x .62 46 710357 2 SCR-MC 10-32 x .75 47 711808 2 COtter Pin - Hair #3 48 711207 1 BLT-HH 1/4-20 x 1.00 49 712667 1 Nut-Hex 1/4-20 S Nyloc 50 711367 4 Wing Nut 3/8-16 51 340449 1 Squeegee Adj. Bracket 52 710178 1 SCR-MC 1/4-20 x .50				
14 340407 3 Frame Bracket 15 710580 6 1/4 20 x 1/2 FH Socket Set 16 340415 1 Main Frame 17 340022 1 Seat Post Mounting Assembly 18 711230 8 BLT-HH 5/16-18 x 1.00 19 711545 8 Helical WSR 5/16 20 711214 1 BLT-HH 1/4-20 x 2.00 19 71505 1 Flat WSR 1/4 21 711505 1 Flat WSR 1/4 22 809858 1 Spacer 23 715202 1 Side Squeegee Park Adj. Decal 24 715203 1 Tilf/Height Adj. Decal 25 715204 1 Power Disconnect Decal 26 340607 1 Left Side Skirt 27 340031 1 Battery Tray Weldment 28 340049 1 Battery Tray Wount 29 450076 1 Crimp Clamp SS 185R 30 430097 1 Clear Solution Hose 18" 31 340009 1 RH Column Enclosure 32 711247 2 HH Bolt 3/8-16 x 2.00 33 340444 1 Side Squeegee Frame 34 340577 1 Squeegee 35 340443 1 Back-Up Strip 36 340011 1 Side Bar Guard 37 340552 1 Knob 38 340436 1 Side Squeegee Lift 39 340437 1 Side Squeegee Lift 39 340438 1 Cable Pin 40 340438 1 Cable Pin 41 340574 1 Side Squeegee Cable 42 711250 1 BLT-HH 3/8-16 x 1.25 43 711508 3 Flat WSR .44 x 1.00 x .06 44 711375 2 Nyloc Nut 3/8-16 45 710923 2 SCR-SC 5/16-18 x .62 46 710357 2 SCR-MC 10-32 x .75 47 711808 2 COtter Pin - Hair #3 48 711207 1 BLT-HH 1/4-20 x 1.00 49 712667 1 Nut-Hex 1/4-20 SS Nyloc 50 711367 4 Wing Nut 3/8-16 51 340449 1 Squeegee Adj. Bracket 52 710178 1 SCR-MC 1/4-20 x .50				
15 710580 6 1/4 20 x 1/2 FH Socket Set 16 340415 1 Main Frame 17 340022 1 Seat Post Mounting Assembly 18 711230 8 BLT-HH 5/16-18 x 1.00 19 711545 8 Helical WSR 5/16 20 711214 1 BLT-HH 1/4-20 x 2.00 21 711505 1 Flat WSR 1/4 22 809858 1 Spacer 23 715202 1 Side Squeegee Park Adj. Decal 24 715203 1 Tilt/Height Adj. Decal 25 715204 1 Power Disconnect Decal 26 340607 1 Left Side Skirt 27 340031 1 Battery Tray Weldment 28 340049 1 Battery Tray Weldment 28 340049 1 Battery Tray Mount 29 450076 1 Crimp Clamp SS 185R 30 430097 1 Clear Solution Hose 18" 31 340009 1 RH Column Enclosure 32 711247 2 HH Bolt 3/8-16 x 2.00 33 340444 1 Side Squeegee Frame 34 340577 1 Squeegee 35 340443 1 Back-Up Strip 36 340411 1 Side Bar Guard 37 340552 1 Knob 38 340436 1 Side Squeegee Lift 39 340437 1 Side Squeegee Lift 39 340438 1 Cable Pin 41 340574 1 Side Squeegee Lift 42 711250 1 BLT-HH 3/8 -16 x 1.25 43 711508 3 Flat WSR .44 x 1.00 x .06 44 711375 2 Nyloc Nut 3/8-16 45 710923 2 SCR-SC 5/16-18 x .62 46 710357 2 SCR-MC 10-32 x .75 47 711808 2 Cotter Pin - Hair #3 48 711207 1 BLT-HH 1/4-20 x 1.00 49 712667 1 Nut-Hex 1/4-20 SS Nyloc 50 711367 4 Wing Nut 3/8-16 51 340449 1 Squeegee Adj. Bracket 52 710178 1 SCR-MC 1/4-20 x .50				
16 340415 1 Main Frame 17 340022 1 Seat Post Mounting Assembly 18 711230 8 BLT-HH 5/16-18 x 1.00 19 711545 8 Helical WSR 5/16 20 711214 1 BLT-HH 1/4-20 x 2.00 21 711505 1 Flat WSR 1/4 22 809858 1 Spacer 23 715202 1 Side Squeegee Park Adj. Decal 24 715203 1 Tilt/Height Adj. Decal 25 715204 1 Power Disconnect Decal 26 340607 1 Left Side Skirt 27 340031 1 Battery Tray Weldment 28 340049 1 Battery Tray Wount 29 450076 1 Crimp Clamp SS 185R 30 430097 1 Clear Solution Hose 18" 31 340049 1 RH Column Enclosure 32 711247 2 HH Bolt 3/8-16 x 2.00 33				
17 340022 1 Seat Post Mounting Assembly 18 711230 8 BLT-HH 5/16-18 x 1.00 19 711545 8 Helical WSR 5/16 20 711214 1 BLT-HH 1/4-20 x 2.00 21 711505 1 Flat WSR 1/4 22 809858 1 Spacer 23 715202 1 Side Squeegee Park Adj. Decal 24 715203 1 Tilt/Height Adj. Decal 25 715204 1 Power Disconnect Decal 26 340607 1 Left Side Skirt 27 340031 1 Battery Tray Weldment 28 340049 1 Battery Tray Mount 29 450076 1 Crimp Clamp SS 185R 30 430097 1 Clear Solution Hose 18" 31 340009 1 RH Column Enclosure 32 711247 2 HH Bolt 3/8-16 x 2.00 33 340444 1 Side Squeegee Frame				
18 711230 8 BLT-HH 5/16-18 x 1.00 19 711545 8 Helical WSR 5/16 20 711214 1 BLT-HH 1/4-20 x 2.00 21 711505 1 Flat WSR 1/4 22 809858 1 Spacer 23 715202 1 Side Squeegee Park Adj. Decal 24 715203 1 Tilt/Height Adj. Decal 25 715204 1 Power Disconnect Decal 26 340607 1 Left Side Skirt 27 340031 1 Battery Tray Weldment 28 340049 1 Battery Tray Wount 29 450076 1 Crimp Clamp SS 185R 30 430097 1 Clear Solution Hose 18" 31 340009 1 RH Column Enclosure 32 711247 2 HH Bolt 3/8-16 x 2.00 33 340444 1 Side Squeegee Frame 34 340577 1 Side Squeegee Lift 36				
19 711545 8 Helical WSR 5/16 20 711214 1 BLT-HH 1/4-20 x 2.00 21 711505 1 Flat WSR 1/4 22 809858 1 Spacer 23 715202 1 Side Squeegee Park Adj. Decal 24 715203 1 Tilt/Height Adj. Decal 25 715204 1 Power Disconnect Decal 26 340607 1 Left Side Skirt 27 340031 1 Battery Tray Weldment 28 340049 1 Battery Tray Wount 29 450076 1 Crimp Clamp SS 185R 30 430097 1 Clear Solution Hose 18" 31 340009 1 RH Column Enclosure 32 711247 2 HH Bolt 3/8-16 x 2.00 33 340444 1 Side Squeegee Frame 34 340577 1 Squeegee 35 340443 1 Back-Up Strip 36				
20 711214 1 BLT-HH 1/4-20 x 2.00 21 711505 1 Flat WSR 1/4 22 809858 1 Spacer 23 715202 1 Side Squeegee Park Adj. Decal 24 715203 1 Tilt/Height Adj. Decal 25 715204 1 Power Disconnect Decal 26 340607 1 Left Side Skirt 27 340031 1 Battery Tray Weldment 28 340049 1 Battery Tray Mount 29 450076 1 Crimp Clamp SS 185R 30 430097 1 Clear Solution Hose 18" 31 340099 1 RH Column Enclosure 32 711247 2 HH Bolt 3/8-16 x 2.00 33 340444 1 Side Squeegee Frame 34 340577 1 Squeegee 35 340443 1 Back-Up Strip 36 34011 1 Side Squeegee Lift 37 <td< td=""><td></td><td></td><td></td><td></td></td<>				
21 711505 1 Flat WSR 1/4 22 809858 1 Spacer 23 715202 1 Side Squeegee Park Adj. Decal 24 715203 1 Tilt/Height Adj. Decal 25 715204 1 Power Disconnect Decal 26 340607 1 Left Side Skirt 27 340031 1 Battery Tray Weldment 28 340049 1 Battery Tray Mount 29 450076 1 Crimp Clamp SS 185R 30 430097 1 Clear Solution Hose 18" 31 340009 1 RH Column Enclosure 32 711247 2 HH Bolt 3/8-16 x 2.00 33 340444 1 Side Squeegee Frame 34 340577 1 Squeegee 35 340443 1 Back-Up Strip 36 340011 1 Side Bar Guard 37 340552 1 Knob 38 340436				
22 809858 1 Spacer 23 715202 1 Side Squeegee Park Adj. Decal 24 715203 1 Tilt/Height Adj. Decal 25 715204 1 Power Disconnect Decal 26 340607 1 Left Side Skirt 27 340031 1 Battery Tray Weldment 28 340049 1 Battery Tray Mount 29 450076 1 Crimp Clamp SS 185R 30 430097 1 Clear Solution Hose 18" 31 340009 1 RH Column Enclosure 32 711247 2 HH Bolt 3/8-16 x 2.00 33 340444 1 Side Squeegee Frame 34 340577 1 Squeegee 35 340443 1 Back-Up Strip 36 340011 1 Side Squeegee Lift 39 340436 1 Side Squeegee Lift 39 340437 1 Side Squeegee Cable 41				
23 715202 1 Side Squeegee Park Adj. Decal 24 715203 1 Tilt/Height Adj. Decal 25 715204 1 Power Disconnect Decal 26 340607 1 Left Side Skirt 27 340031 1 Battery Tray Weldment 28 340049 1 Battery Tray Mount 29 450076 1 Crimp Clamp SS 185R 30 430097 1 Clear Solution Hose 18" 31 340009 1 RH Column Enclosure 32 711247 2 HH Bolt 3/8-16 x 2.00 33 340444 1 Side Squeegee Frame 34 340577 1 Squeegee 35 340443 1 Back-Up Strip 36 340011 1 Side Bar Guard 37 340552 1 Knob 38 340436 1 Side Squeegee Lift 39 340437 1 Side Squeegee Cable 41 <td< td=""><td></td><td></td><td></td><td></td></td<>				
24 715203 1 Tilt/Height Adj. Decal 25 715204 1 Power Disconnect Decal 26 340607 1 Left Side Skirt 27 340031 1 Battery Tray Weldment 28 340049 1 Battery Tray Mount 29 450076 1 Crimp Clamp SS 185R 30 430097 1 Clear Solution Hose 18" 31 340009 1 RH Column Enclosure 32 711247 2 HH Bolt 3/8-16 x 2.00 33 340444 1 Side Squeegee Frame 34 340577 1 Squeegee 35 340443 1 Side Squeegee Lift 36 340011 1 Side Squeegee Lift 37 3404552 1 Knob 38 340436 1 Side Squeegee Lift Pivot 40 340438 1 Cable Pin 41 340574 1 Side Squeegee Cable 42 711				
26 340607 1 Left Side Skirt 27 340031 1 Battery Tray Weldment 28 340049 1 Battery Tray Mount 29 450076 1 Crimp Clamp SS 185R 30 430097 1 Clear Solution Hose 18" 31 340009 1 RH Column Enclosure 32 711247 2 HH Bolt 3/8-16 x 2.00 33 340444 1 Side Squeegee Frame 34 340577 1 Squeegee 35 340443 1 Back-Up Strip 36 340011 1 Side Bar Guard 37 340552 1 Knob 38 340436 1 Side Squeegee Lift 39 340437 1 Side Squeegee Cable 41 340574 1 Side Squeegee Cable 42 711250 1 BLT-HH 3/8 -16 x 1.25 43 711508 3 Flat WSR .44 x 1.00 x .06 44 711375 2 Nyloc Nut 3/8-16 45 710923 2	24	715203	1	Tilt/Height Adj. Decal
27 340031 1 Battery Tray Weldment 28 340049 1 Battery Tray Mount 29 450076 1 Crimp Clamp SS 185R 30 430097 1 Clear Solution Hose 18" 31 340009 1 RH Column Enclosure 32 711247 2 HH Bolt 3/8-16 x 2.00 33 340444 1 Side Squeegee Frame 34 340577 1 Squeegee 35 340443 1 Back-Up Strip 36 340011 1 Side Bar Guard 37 340552 1 Knob 38 340436 1 Side Squeegee Lift 39 340437 1 Side Squeegee Lift Pivot 40 340438 1 Cable Pin 41 340574 1 Side Squeegee Cable 42 711250 1 BLT-HH 3/8 -16 x 1.25 43 711508 3 Flat WSR .44 x 1.00 x .06 44 711375 2 Nyloc Nut 3/8-16 45 710923 2	25	715204	1	Power Disconnect Decal
28	26	340607	1	Left Side Skirt
29 450076 1 Crimp Clamp SS 185R 30 430097 1 Clear Solution Hose 18" 31 340009 1 RH Column Enclosure 32 711247 2 HH Bolt 3/8-16 x 2.00 33 340444 1 Side Squeegee Frame 34 340577 1 Squeegee 35 340443 1 Back-Up Strip 36 340011 1 Side Bar Guard 37 340552 1 Knob 38 340436 1 Side Squeegee Lift 39 340437 1 Side Squeegee Lift Pivot 40 340438 1 Cable Pin 41 340574 1 Side Squeegee Cable 42 711250 1 BLT-HH 3/8 -16 x 1.25 43 711508 3 Flat WSR .44 x 1.00 x .06 44 711375 2 Nyloc Nut 3/8-16 45 710923 2 SCR-SC 5/16-18 x .62 46 710357 2 SCR-MC 10-32 x .75 47 711808 2	27	340031	1	
30	28	340049	1	Battery Tray Mount
31 340009 1 RH Column Enclosure 32 711247 2 HH Bolt 3/8-16 x 2.00 33 340444 1 Side Squeegee Frame 34 340577 1 Squeegee 35 340443 1 Back-Up Strip 36 340011 1 Side Bar Guard 37 340552 1 Knob 38 340436 1 Side Squeegee Lift 39 340437 1 Side Squeegee Lift Pivot 40 340438 1 Cable Pin 41 340574 1 Side Squeegee Cable 42 711250 1 BLT-HH 3/8 -16 x 1.25 43 711508 3 Flat WSR .44 x 1.00 x .06 44 711375 2 Nyloc Nut 3/8-16 45 710923 2 SCR-SC 5/16-18 x .62 46 710357 2 SCR-MC 10-32 x .75 47 711808 2 Cotter Pin - Hair #3 48 711207 1 BLT-HH 1/4-20 x 1.00 49 712667 1				
32 711247 2 HH Bolt 3/8-16 x 2.00 33 340444 1 Side Squeegee Frame 34 340577 1 Squeegee 35 340443 1 Back-Up Strip 36 340011 1 Side Bar Guard 37 340552 1 Knob 38 340436 1 Side Squeegee Lift 39 340437 1 Side Squeegee Lift Pivot 40 340438 1 Cable Pin 41 340574 1 Side Squeegee Cable 42 711250 1 BLT-HH 3/8 -16 x 1.25 43 711508 3 Flat WSR .44 x 1.00 x .06 44 711375 2 Nyloc Nut 3/8-16 45 710923 2 SCR-SC 5/16-18 x .62 46 710357 2 SCR-MC 10-32 x .75 47 71808 2 Cotter Pin - Hair #3 48 711207 1 BLT-HH 1/4-20 x 1.00 49 712667 1 Nut-Hex 1/4-20 SS Nyloc 50 711367 4				
33 340444 1 Side Squeegee Frame 34 340577 1 Squeegee 35 340443 1 Back-Up Strip 36 340011 1 Side Bar Guard 37 340552 1 Knob 38 340436 1 Side Squeegee Lift 39 340437 1 Side Squeegee Lift Pivot 40 340438 1 Cable Pin 41 340574 1 Side Squeegee Cable 42 711250 1 BLT-HH 3/8 -16 x 1.25 43 711508 3 Flat WSR .44 x 1.00 x .06 44 711375 2 Nyloc Nut 3/8-16 45 710923 2 SCR-SC 5/16-18 x .62 46 710357 2 SCR-MC 10-32 x .75 47 711808 2 Cotter Pin - Hair #3 48 711207 1 BLT-HH 1/4-20 x 1.00 49 712667 1 Nut-Hex 1/4-20 SS Nyloc 50 711367 4 Wing Nut 3/8-16 51 340449 1 Squeegee Adj. Bracket 52 710178 1 SCR-MC 1/4-20 x .50				
34 340577 1 Squeegee 35 340443 1 Back-Up Strip 36 340011 1 Side Bar Guard 37 340552 1 Knob 38 340436 1 Side Squeegee Lift Pivot 40 340437 1 Side Squeegee Lift Pivot 40 340438 1 Cable Pin 41 340574 1 Side Squeegee Cable 42 711250 1 BLT-HH 3/8 -16 x 1.25 43 711508 3 Flat WSR .44 x 1.00 x .06 44 711375 2 Nyloc Nut 3/8-16 45 710923 2 SCR-SC 5/16-18 x .62 46 710357 2 SCR-MC 10-32 x .75 47 711808 2 Cotter Pin - Hair #3 48 711207 1 BLT-HH 1/4-20 x 1.00 49 712667 1 Nut-Hex 1/4-20 SS Nyloc 50 711367 4 Wing Nut 3/8-16 51 340449 1 Squeegee Adj. Bracket 52 710178 1 <td></td> <td></td> <td></td> <td></td>				
35 340443 1 Back-Up Strip 36 340011 1 Side Bar Guard 37 340552 1 Knob 38 340436 1 Side Squeegee Lift 39 340437 1 Side Squeegee Lift Pivot 40 340438 1 Cable Pin 41 340574 1 Side Squeegee Cable 42 711250 1 BLT-HH 3/8 -16 x 1.25 43 711508 3 Flat WSR .44 x 1.00 x .06 44 711375 2 Nyloc Nut 3/8-16 45 710923 2 SCR-SC 5/16-18 x .62 46 710357 2 SCR-MC 10-32 x .75 47 711808 2 Cotter Pin - Hair #3 48 711207 1 BLT-HH 1/4-20 x 1.00 49 712667 1 Nut-Hex 1/4-20 SS Nyloc 50 711367 4 Wing Nut 3/8-16 51 340449 1 Squeegee Adj. Bracket 52 710178 1 SCR-MC 1/4-20 x .50				
36 340011 1 Side Bar Guard 37 340552 1 Knob 38 340436 1 Side Squeegee Lift 39 340437 1 Side Squeegee Lift Pivot 40 340438 1 Cable Pin 41 340574 1 Side Squeegee Cable 42 711250 1 BLT-HH 3/8 -16 x 1.25 43 711508 3 Flat WSR .44 x 1.00 x .06 44 711375 2 Nyloc Nut 3/8-16 45 710923 2 SCR-SC 5/16-18 x .62 46 710357 2 SCR-MC 10-32 x .75 47 711808 2 Cotter Pin - Hair #3 48 711207 1 BLT-HH 1/4-20 x 1.00 49 712667 1 Nut-Hex 1/4-20 SS Nyloc 50 711367 4 Wing Nut 3/8-16 51 340449 1 Squeegee Adj. Bracket 52 710178 1 SCR-MC 1/4-20 x .50				
37 340552 1 Knob 38 340436 1 Side Squeegee Lift 39 340437 1 Side Squeegee Lift Pivot 40 340438 1 Cable Pin 41 340574 1 Side Squeegee Cable 42 711250 1 BLT-HH 3/8 -16 x 1.25 43 711508 3 Flat WSR .44 x 1.00 x .06 44 711375 2 Nyloc Nut 3/8-16 45 710923 2 SCR-SC 5/16-18 x .62 46 710357 2 SCR-MC 10-32 x .75 47 711808 2 Cotter Pin - Hair #3 48 711207 1 BLT-HH 1/4-20 x 1.00 49 712667 1 Nut-Hex 1/4-20 SS Nyloc 50 711367 4 Wing Nut 3/8-16 51 340449 1 Squeegee Adj. Bracket 52 710178 1 SCR-MC 1/4-20 x .50				
38 340436 1 Side Squeegee Lift 39 340437 1 Side Squeegee Lift Pivot 40 340438 1 Cable Pin 41 340574 1 Side Squeegee Cable 42 711250 1 BLT-HH 3/8 -16 x 1.25 43 711508 3 Flat WSR .44 x 1.00 x .06 44 711375 2 Nyloc Nut 3/8-16 45 710923 2 SCR-SC 5/16-18 x .62 46 710357 2 SCR-MC 10-32 x .75 47 711808 2 Cotter Pin - Hair #3 48 711207 1 BLT-HH 1/4-20 x 1.00 49 712667 1 Nut-Hex 1/4-20 SS Nyloc 50 711367 4 Wing Nut 3/8-16 51 340449 1 Squeegee Adj. Bracket 52 710178 1 SCR-MC 1/4-20 x .50				
39				
40 340438 1 Cable Pin 41 340574 1 Side Squeegee Cable 42 711250 1 BLT-HH 3/8 -16 x 1.25 43 711508 3 Flat WSR .44 x 1.00 x .06 44 711375 2 Nyloc Nut 3/8-16 45 710923 2 SCR-SC 5/16-18 x .62 46 710357 2 SCR-MC 10-32 x .75 47 711808 2 Cotter Pin - Hair #3 48 711207 1 BLT-HH 1/4-20 x 1.00 49 712667 1 Nut-Hex 1/4-20 SS Nyloc 50 711367 4 Wing Nut 3/8-16 51 340449 1 Squeegee Adj. Bracket 52 710178 1 SCR-MC 1/4-20 x .50				
41 340574 1 Side Squeegee Cable 42 711250 1 BLT-HH 3/8 -16 x 1.25 43 711508 3 Flat WSR .44 x 1.00 x .06 44 711375 2 Nyloc Nut 3/8-16 45 710923 2 SCR-SC 5/16-18 x .62 46 710357 2 SCR-MC 10-32 x .75 47 711808 2 Cotter Pin - Hair #3 48 711207 1 BLT-HH 1/4-20 x 1.00 49 712667 1 Nut-Hex 1/4-20 SS Nyloc 50 711367 4 Wing Nut 3/8-16 51 340449 1 Squeegee Adj. Bracket 52 710178 1 SCR-MC 1/4-20 x .50				
42 711250 1 BLT-HH 3/8 -16 x 1.25 43 711508 3 Flat WSR .44 x 1.00 x .06 44 711375 2 Nyloc Nut 3/8-16 45 710923 2 SCR-SC 5/16-18 x .62 46 710357 2 SCR-MC 10-32 x .75 47 711808 2 Cotter Pin - Hair #3 48 711207 1 BLT-HH 1/4-20 x 1.00 49 712667 1 Nut-Hex 1/4-20 SS Nyloc 50 711367 4 Wing Nut 3/8-16 51 340449 1 Squeegee Adj. Bracket 52 710178 1 SCR-MC 1/4-20 x .50				
43 711508 3 Flat WSR .44 x 1.00 x .06 44 711375 2 Nyloc Nut 3/8-16 45 710923 2 SCR-SC 5/16-18 x .62 46 710357 2 SCR-MC 10-32 x .75 47 711808 2 Cotter Pin - Hair #3 48 711207 1 BLT-HH 1/4-20 x 1.00 49 712667 1 Nut-Hex 1/4-20 SS Nyloc 50 711367 4 Wing Nut 3/8-16 51 340449 1 Squeegee Adj. Bracket 52 710178 1 SCR-MC 1/4-20 x .50				
44 711375 2 Nyloc Nut 3/8-16 45 710923 2 SCR-SC 5/16-18 x .62 46 710357 2 SCR-MC 10-32 x .75 47 711808 2 Cotter Pin - Hair #3 48 711207 1 BLT-HH 1/4-20 x 1.00 49 712667 1 Nut-Hex 1/4-20 SS Nyloc 50 711367 4 Wing Nut 3/8-16 51 340449 1 Squeegee Adj. Bracket 52 710178 1 SCR-MC 1/4-20 x .50				
46 710357 2 SCR-MC 10-32 x .75 47 711808 2 Cotter Pin - Hair #3 48 711207 1 BLT-HH 1/4-20 x 1.00 49 712667 1 Nut-Hex 1/4-20 SS Nyloc 50 711367 4 Wing Nut 3/8-16 51 340449 1 Squeegee Adj. Bracket 52 710178 1 SCR-MC 1/4-20 x .50			2	
46 710357 2 SCR-MC 10-32 x .75 47 711808 2 Cotter Pin - Hair #3 48 711207 1 BLT-HH 1/4-20 x 1.00 49 712667 1 Nut-Hex 1/4-20 SS Nyloc 50 711367 4 Wing Nut 3/8-16 51 340449 1 Squeegee Adj. Bracket 52 710178 1 SCR-MC 1/4-20 x .50			2	
47 711808 2 Cotter Pin - Hair #3 48 711207 1 BLT-HH 1/4-20 x 1.00 49 712667 1 Nut-Hex 1/4-20 SS Nyloc 50 711367 4 Wing Nut 3/8-16 51 340449 1 Squeegee Adj. Bracket 52 710178 1 SCR-MC 1/4-20 x .50			2	
49 712667 1 Nut-Hex 1/4-20 SS Nyloc 50 711367 4 Wing Nut 3/8-16 51 340449 1 Squeegee Adj. Bracket 52 710178 1 SCR-MC 1/4-20 x .50	47		2	
50 711367 4 Wing Nut 3/8-16 51 340449 1 Squeegee Adj. Bracket 52 710178 1 SCR-MC 1/4-20 x .50				
51 340449 1 Squeegee Adj. Bracket 52 710178 1 SCR-MC 1/4-20 x .50				
52 710178 1 SCR-MC 1/4-20 x .50				
53 711553 8 #10 Internal Tooth Lock Washer				
	53	711553	8	#10 Internal Tooth Lock Washer



ITEM	PART NO	QTY	DESCRIPTION
1	340200	1	Solution Tank Assembly
2	340100	1	Recovery Tank Assembly
3	340003	1	Right Battery Cover
4	340004	1	Left Battery Cover
5	340060	3	Cover Hinge, Right Side
6	340061	2	Rear Vent Screen
7	715210	1	Right Cover Decal
8	715207	1	Left Cover Decal
9	340044	3	Cover Hinge Left Side
10	710177	24	SCR-MC 1/4-20 x .37 ST PL
11	712540	8	SCR-MC 10-24 x .37 SS TH
12	711160	8	#10 HI/LO Screw
13	340664	2	Soft Latch



ITEM	PART NO	QTY	DESCRIPTION
1	340001	1	Recovery Tank
2	340002	1	Solution Tank
3	340006	1	Recovery Tank Lid
4	340005	1	Solution Tank Lid
5	715206	1	Decal Recovery Tank
6	715205	1	Decal Solution Tank
7	340057	4	Lid Gasket Short
8	340058	4	Lid Gasket Long
9	340498	1	Seat
10	900047	1	2" Waste Gate Valve
11	340045	4	3/8 Stud
12	340046	1	2" Barbed Fitting
13	340017	1	Screen - Tank Lid
14	741110	1	Float Switch
15	340055	1	Vacuum Riser Tube
17	829257	1	1.5 Elbow 90° MPT/HB
18	340047	1	.75 Barbed Fitting
19	340619	2	Support - Tank Front
20	340056	2	Tank Support Ancor Rear
21	340018	1	Tank Ancor Bracket Center
22	340050	1	Tank Shelf Bracket
23	340041	1	Tank Pocket Cover
24	340042	1	Seat Mounting Pan
25	340053	1	Tank Match Plate
26	715208	1	Left Decal Minuteman 340
27	831812	1	Adapter 1.5 MPT/HB
28	831664	1	Washer SS 2.12 ID
29	830448	1	Deflector
30	828971	1	Nut 1.5 Pipe Thread
31	715211	1	Right Decal Minuteman 340
32	340054	1	Tank Match Plate Rear
33	828893	5	Pop Rivet
34	712810	4	SCR-MC 10-24 x .37 RH
35	711203	18	BLT-HH 1/4-20 x .62 STPL
36	711544	18	WSR-Helical 1/4
37	711505	2	WSR-Flat 1/4
38	711546	9	WSR-Helical 3/8
39	711508	13	WSR-Flat 3/8
40	711246	4	BLT-HH 3/8-16 x .87 ST PL
41	711242	5	BLT-HH 3/8-16 x 1 STPL
42	711375	9	Nut-Nyloc 3/8-16
43	711229	2	BLT-HH 5/16-18 x .87 STPL
44	711545	2	WSR-Helical 5/16
45	712540	4	SC-MC 10-24 x .37 SS TH
46	340580	1	Hose Assembly Short
47	450054	1	Vac Recovery Hose
48	340482	2	Tank Chain
49	250038	2	Retainer Bag Clip



ITEM	PART NO	QTY	DESCRIPTION
1	340000	1	Front Shroud/Dash
2	715209	1	Front Left Decal
3	715212	1	Front Right Decal
4	715200	1	Upper Dash Decal
5	715201	1	Lower Dash Decal
6	711202	4	HH Bolt 1/4-20 x .50
7	711161	4	SCR-HI/LO #10 x .75
8	712822	18	SCR-THMS 10-24 x .50
9	741005	1	Key Switch
10	340016	1	Ignition Face Plate
11	740800	1	Switch
12	741007	1	Hour Meter
13	740216	1	Volt Gauge
14	740801	2	Switch
15	340007	1	Rider Dashboard 34B
16	802657	3	Switch Boot
17	340020	1	Front Access Cover
18	710986	1	3/8-16 x 1.00 Allen Head Bolt
19	711546	1	3/8 Lock Washer
20	340653	1	Skid Bar Weldment
21	340080	1	Skirt Assembly Bracket
22	340082	1	Z-Bracket
23	710177	2	SCR-TRHD 1/4-20 x .37
24	340083	1	Splash Skirt
25	340081	1	Skirt Retainer
26	711554	4	1/4 Internal Tooth Lock Washer

SQUEEGEE ADJUSTMENT

The one piece curved squeegee is designed to require a minimum of adjustment. Adjustment may be required to get optimum performance for different floors and conditions.

BASIC ADJUSTMENT:

- 1. Ensure that scrubber is on a relatively flat surface. Start scrubber and place squeegee switch in down position.
- Carefully depress the direction control pedal enough to move the vehicle one or two feet forward, allowing the back gum rubber of the rear squeegee to deflect. Adjust nuts (item 1) so that the spring (item 2) is compressed to 1 3/4 inches (44 mm) with the squeegee down.
- 3. Lower squeegee wheels by turning wing bolts (item 3) until squeegee just touches the floor.

NOTE: Move vehicle forward one to two feet with each adjustment.

- 4. Adjust the tilt of the squeegee until center and ends are level to the floor, adjust bolts (item 4). DO NOT use excessive force, the bolts work in pairs, loosening front bolts and tightening the rear will cause the squeegee ends to raise and center to lower.
- 5. Once squeegee is level, lower squeegee with adjustment wing bolts (item 3) until 45° deflection is obtained along its entire length.



FINE ADJUSTMENT:

6. Check water pickup. If ends or center do not pick up properly, adjust tilt (item 4) to level squeegee. Adjust squeegee wheel height for driest floor (item 3).

For smooth floors, a smaller angle will leave a drier floor, turn wing bolt (item 3) clockwise to raise squeegee.

For rough floors, a larger angle will pull water from holes and cracks better, turn wing bolt (item 3) counter-clockwise to lower squeegee.

BRAKE ADJUSTMENT

This scrubber is equipped with mechanically activated drum type brakes on the rear wheels. A steel cable attached to the foot pedal runs to levers on each brake. Stretching of the cable may occur and adjustment needed.

- 1. Remove battery cover.
- Adjust turnbuckle at end of front cable.
 IT IS HIGHLY IMPORTANT THAT ALL MOVING PARTS OF BRAKE SYSTEM BE KEPT THOROUGHLY LUBRICATED.

STEERING SYSTEM MAINTENANCE AND REPAIR

In general the chain reduction steering system is maintenance free. As in all mechanisms a lubricant should always be present. We recommend a good quality grease such as wheel bearing grease be applied liberally to the chain and sprockets periodically.

REMOVAL AND REPAIR

- 1. Remove chain guard and right side panel.
- 2. Remove tension adjusting screw and plate.
- 3. Remove the two 1/2-13 bolts that secure the steering column to frame.
- 4. Inspect sprockets for excessive wear. Excessive wear is usually indicated by the sprocket teeth forming very sharp points. If in question replace respective sprockets and chain assembly.
- 5. Inspect steering column bearings for excessive play, renew if necessary.
- 6. In the event sprockets are renewed the steering shaft alignment must be adjusted. Install new sprockets and shaft assembly into bearing housing steering column assembly. Do not tighten bearing locking collars at this time.
- 7. Install steering column assembly to frame using 1/2-13 bolts and tighten lightly. Install tension adjusting screw and plate. Remove excess chain slack. Using a straight edge to ensure that the sprocket teeth are in alignment. Tighten bearing locking collars and set screws.
- 8. Remove remaining slack in chain. **IMPORTANT:** Make sure that the steering shaft is perpendicular to the frame, ensuring equal chain contact on both sprockets. Tighten 1/2-13 bolts securely. Liberally grease chain assembly.
- 9. Install chain cover and side cover.

REMOVE AND REPLACE BRUSH DRIVE MOTORS

To remove a brush drive motor, use the following procedure:

- Remove brush drive assembly.
- 2. Disconnect hydraulic hose lines at brush motor ports.
- 3. Remove four cap screws holding brush motor to mounting.
- 4. Note locations of water outlets.

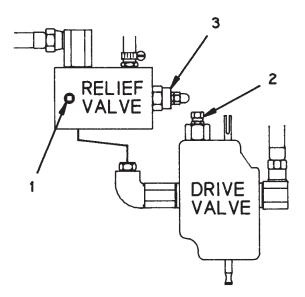
HYDRAULIC ADJUSTMENTS

Test equipment should include: a high pressure gauge with capabilities of measuring pressure up to 2,500 PSI; pressure gauge with capabilities no less than 150 PSI. Both gauges should also have the ability to thread into a 1/4 NPT female pipe thread. A high pressure hose or pipe adaptor can be used for this purpose.

ADJUST HYDRAULIC PRESSURE TO TRACTION DRIVE MOTORS

Before beginning test procedure, the following items should be acknowledged: account for all oil losses when changing fittings by checking oil reservoir level; all pressure readings must be taken at normal operating temperatures.

- 1. Remove rear floor.
- 2. Block front drive wheel such that the motor will stall when high forward pressures are applied. Additional constraints, such as a well constructed wall or immovable object at front frame, would be advantageous.
- 3. Remove plug from relief valve and install high pressure gauge.



- 4. Loosen lock nut on pressure adjustment and turn in 1 full turn.
- 5. Start motor and allow sufficient time for hydraulic system to reach operating temperature.
- 6. Carefully move direction control pedal to full forward position. Gauge pressure should read 1500 PSI. If not adjust main relief adjustment screw in to increase pressure, out to lower pressure, until correct gauge pressure is obtained. Lock screw in position.
- 7. While unit is still in full forward, back out the pressure adjustment screw on the drive spool valve body (item 2) slowly until the gauge pressure starts to drop. When a pressure drop is observed turn adjustment screw in only the amount required to return to 1500 PSI. Lock screw in position.
- 8. Return pedal to neutral, shut off, reinstall protective cover, remove gauge and install pipe plug (wrap plug with teflon tape before installing) in relief valve. Remove constraints.
- 9. Replace floor panels.

LIMITED WARRANTY

Minuteman International, Inc. warrants to the original purchaser/user that this product is free from defects in workmanship and materials under normal use and service for a period of three years from date of purchase. In addition, Minuteman International, Inc. will, at its option, honor labor warranty claims for the first 12 months from date of sale, provided such claims are submitted through and approved by factory authorized repair stations. Minuteman International, Inc. will, at its option, repair or replace without charge, except for transportation costs, parts that fail under normal use and service when operated and maintained in accordance with the applicable operation and instruction manuals.

This warranty does not apply to normal wear, or to items whose life is dependent on their use and care, such as belts, cords, switches, hoses, rubber parts, electrical motor components or adjustments. Parts not manufactured by Minuteman International, Inc. such as engines, batteries, battery chargers, hydraulic pumps, and tires are covered by and subject to the warranties and/ or guarantees of their manufacturers. Please contact Minuteman International, Inc. for procedures in warranty claims against these manufacturers.

Special warning to purchaser — Use of replacement filters and/or prefilters not manufactured by Minuteman International, Inc. or its designated licensees, will void all warranties expressed or implied.

A potential health hazard exists without exact original equipment replacement.

All warranteed items become the sole property of Minuteman International, Inc. or its original manufacturer, whichever the case may be.

Minuteman International, Inc. disclaims any implied warranty, including the warranty of merchantability and the warranty of fitness for a particular purpose. Minuteman International, Inc. assumes no responsibility for any special, incidental or consequential damages.

This limited warranty is applicable only in the U.S.A. and Canada, and is extended only to the original user/purchaser of this product. Customers outside the U.S.A. and Canada should contact their local distributor for export warranty policies. Minuteman International, Inc. is not responsible for costs or repairs performed by persons other than those specifically authorized by Minuteman International, Inc. This warranty does not apply to damage from transportation, alterations by unauthorized persons, misuse or abuse of the equipment, use of non-compatible chemicals, or damage to property, or loss of income due to malfunctions of the product.

If a difficulty develops with this machine, you should contact the dealer from whom it was purchased.

This warranty gives you specific legal rights, and you may have other rights which vary from state to state. Some states do not allow the exclusion or limitation of special, incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above exclusions and limitations may not apply to you.



World Headquarters
Minuteman International, Inc.
111 South Rohlwing Road
Addison, Illinois 60101

Minuteman Canada, Inc. 2210 Drew Road Mississauga, Ontario L5S 1B1

(630) 627-6900 FAX (630) 627-1130 (905) 673-3222 FAX (905) 673-5161 987565 Printed in U.S.A.