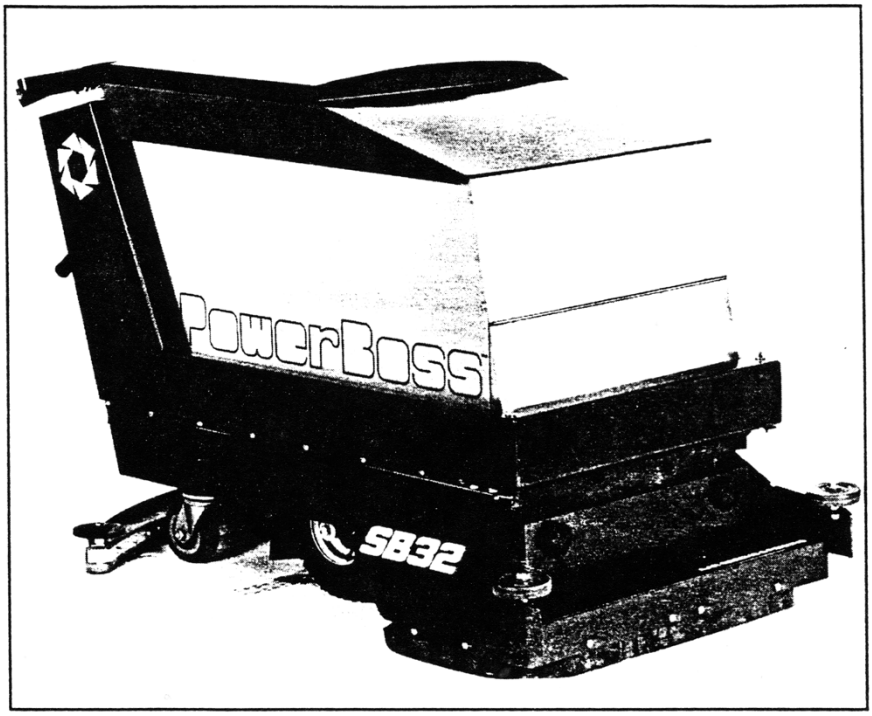
PowerBoss®



OPERATING, MAINTENANCE INSTRUCTIONS ILLUSTRATED PARTS LIST

MODELS:
SB-26
SB-32

AAR BROOKS & PERKINS
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SEPTEMBER 1988

MACHINE SPECIFICATIONS:

	SB-26	SB-32
CONTROLS	Light effort push/pull for forward or reverse operation. All switches, manual water control, and manual brush lift lever easy to reach, hand operable.	Light effort push/pull for forward or reverse operation. All switches, manual water control, and manual brush lift lever easy to reach, hand operable.
TRACTION MOTOR	36V, 3/4HP, 700 RPM Permanate Magnet type.	36V, 3/4HP, 700 RPM Permanate Magnet type.
VACUUM MOTOR	36V, 3/4HP, 2-stage bypass type.	36V, 3/4HP, 2-stage bypass type.
BRUSH DRIVE MOTORS (2)	36V 3/4HP, 195 RPM Permanate Magnet type gear motor. Direct Drive to self-leveling brushes.	36V 3/4HP, 195 RPM Permanate Magnet type gear motor. Direct Drive to self-leveling brushes.
TRACTION DRIVE	Slipping disc clutch thru chain to differential.	Slipping disc clutch thru chain to differential.
BRUSHES	Dual 13-1/2" (34.3 cm) dia., self-leveling counter-rotating, 195RPM.	Dual 17" (43.2 cm) dia., self-leveling counter-rotating, 195RPM.
SCRUBBING WIDTH	26" (66 cm).	32" (81.3 cm).
BRUSH PRESSURE	106 lbs.(48 kg) floating	110 lbs. (49.9 kg) floating
	160 lbs. (73 kg) strip	195 lbs. (88.5 kg) strip
TANKS	21 gal. (79.5L) capacity each, high density, molded seamless linear polyethylene with 2" (5.1 cm) dump valve for each.	27 gal. (102.2L) capacity each, high density, molded seamless linear polyethylene with 2" (5.1 cm) dump valve for each.
BATTERIES	Six heavy-duty deep cycle type, 6V, 200AH series connected.	Six heavy-duty deep cycle type, 6V, 270AH connected in series.
SQUEEGEE	34" (86.4 cm) wide, swinger type with cast-in vacuum tube, easily replaceable gum rubber blades (reversible for extended wear), arcuate shape, new superior tracking center wheel design, new positive height adjustment and new pivot makes squeegee self-leveling on turns.	40" (101.6 cm) wide, swinger type with cast-in vacuum tube , easily replaceable gum rubber blades (reversible for extended wear), arcuate shape, new superior tracking center wheel design, new positive height adjustment and new pivot makes squeegee self-leveling on turns.
WHEELS	Two 11" (27.9 cm) dia. pneumatic traction tires - front.	Two 11" (27.9 cm) dia. pneumatic traction tires - front.
	Two 5" (12.7 cm) dia. polyurethane swivels - rear.	Two 5" (12.7 cm) dia. polyurethane swivels - rear.
SOLUTION FEED	Adjustable flow rate to center of each brush.	Adjustable flow rate to center of each brush.
FLOAT	20 amp hermetically sealed, mercury type with PVC outer shell.	20 amp hermetically sealed, mercury type with PVC outer shell.
FRAME	All welded steel 1/4" (0.6 cm) flat plates, angle and square stock.	All welded steel 1/4" (0.6 cm) flat plates, angle and square stock.
OUTER SHELL	All exterior panels 16 Ga. brushed stainless steel.	All exterior panels 16 Ga. brushed stainless steel.
BRUSH COVER	High density molded seamless linear polyethylene.	High density molded seamless linear polyethylene.
BATTERY CHARGER	Exterior - Electronic, 20 Amp, 36V	Exterior - Electronic, 20 Amp, 36V
LENGTH (OVERALL)	59-1/2" (151 cm)	62-1/2" (158.7 cm)
HEIGHT (OVERALL)	39-1/2" (100.3 cm)	39-1/2" (100.3 cm)
WIDTH (BODY)	23-1/2" (59.7 cm)	25-1/2" (64.8 cm)
WIDTH (BRUSH COVER)	30" (76.2 cm)	35" (88.9 cm)
WIDTH (SQUEEGEE)	34.25" (87.0 cm)	40.25" (102.2 cm)
WEIGHT (MACHINE W/BATTERIES)	859 lbs. (389.6 kg)	1,064 lbs. (482.6 kg)
WEIGHT (CHARGER)	22 lbs. (9.9 kg)	22 lbs. (9.9 kg)
SHIPPING WEIGHT (TOTAL)	1,079 lbs. (489.4 Kg)	1,237 lbs. (561.1 Kg)

INTRODUCTION

Your automatic has been especially engineered and manufactured to give the maximum in performance during scrubbing and polishing of large floor areas.

With careful maintenance according to the instructions outlined in the following pages, a high standard of operation throughout its use will be insured.

Carefully inspect all components to insure that there is no concealed freight damage. If such damage is discovered, file a "CONCEALED DAMAGE REPORT" immediately with the delivering carrier.

The contents of this manual are based on the latest product information available at the time of publication. The right is reserved to make changes at any time without notice, in materials, equipment, price, color, specifications and models.

IMPORTANT SAFEGUARDS: ACCIDENTS DUE TO MISUSE CAN ONLY BE PREVENTED BY THOSE USING THE MACHINE. TO GUARD AGAINST INJURY, BASIC SAFETY PRECAUTIONS AS SHOWN IN THIS MANUAL SHOULD BE OBSERVED.

CAUTION: READ AND FOLLOW ALL SAFETY INSTRUCTIONS.

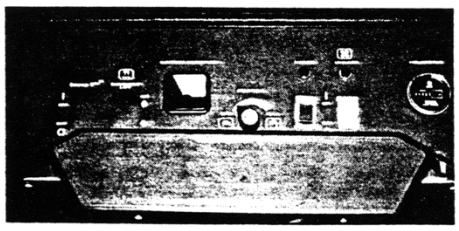
CONTROL PANEL

1.Battery meter. The needle must be within the **GREEN** area for efficient operation.

2.Water flow control knob.

3.Main **DRIVE "ON/OFF"** switch with red indicator light.

4.**"ON/OFF"** switch for **VACUUM** motor. Red light indicates a full recovery tank.

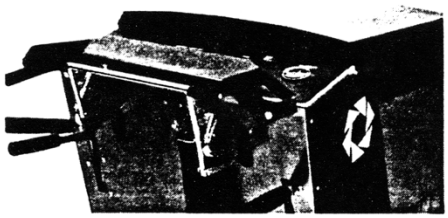


MOTOR PROTECTION

There are three circuit breakers located on the rear panel of the machine directly beneath the traction control handles. These circuit breakers protect the motors in your machine by shutting them off in the event that they become overheated during operation. There is one circuit breaker to protect the brush drive motors, one to protect the traction drive motor, and one to protect the vacuum motor. If any of these motors will not turn on during operation, check to see if one of the circuit breaker buttons has popped out. If so, once the motor has been allowed to cool for a moment, push the button in and resume operation.

TRACTION DRIVE OPERATION

To move the machine in forward or reverse first push the drive switch **"ON."** The forward motion of the machine is controlled by squeezing the control bar lightly for creeping motion, firmly for full speed. Reverse motion is controlled by pulling the control rod backwards, again lightly for creeping action, firmly for full reverse speed. The machine is equipped with a differential drive for easy turning in either direction.



SQUEEGEE OPERATION

On the rear panel, the right handle raises and lowers the squeegee. To raise the squeegee, pull the handle up and set it on the top of the ramp.

Push the squeegee handle down to lower the squeegee. This automatic is equipped with a squeegee which is capable of swinging nine (9") inches to either side of the machine. This permits picking up of water on a turn because the squeegee will follow the pattern of the brushes. When up against a wall, the squeegee will ride tight to it until the machine pulls away. Should the squeegee encounter an obstruction, it will shift laterally until the obstruction has been passed.

BRUSH CONTROL

To start and lower brushes:

1.Push drive switch "ON."

2.The left handle is lowered for scrubbing operation.

3.For heavy scrubbing and stripping operations, push the handle all the way down and set it on the bottom of the ramp.

INSTALLING THE BRUSHES

CAUTION: PLACE MAIN SWITCH IN OFF POSITION BEFORE APPROACHING BRUSH COVER.

The automatics come equipped with two scrub brushes which mount to the brush drive as follows:

Each brush has three (3) lugs located around a hole.

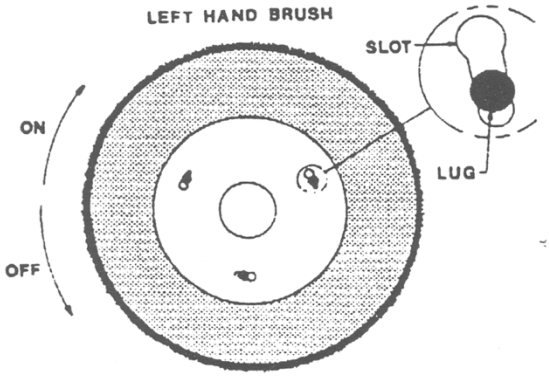
To install brushes:

1.Raise the brush mechanism to full up position.

2.Remove brush cover by loosening two black knobs at front of machine.

3.There are two aluminum pins chained to the two traction motors. Insert each pin through the holes provided in the brush head plate.

4.Under each brush drive pulley is a slotted brush drive plate. Place the three (3) lugs on brush into the slotted brush drive plate.



5.Raise and rotate each brush with a sharp jerk toward the side of the machine. This will lock the brush lugs into the drive plate.

6.Remove the aluminum pins, turn them over and store in holes in brush plate. **Failure to remove pins will result in circuit breaker tripping or damage to the brush head.**

SOLUTION TANKS

Raise the lid at the front of the machine. The fresh solution and the recovery tanks are mounted side by side. The right-hand tank is the fresh solution tank and is marked "**FILL HERE.**" The left is the recovery tank, it has the vacuum motor mounted to it.

DO NOT USE HOT WATER (OVER 125 DEGREES F) IN EITHER TANK.

VACUUM MOTOR AND LINT FILTER

CAUTION

ALWAYS MAKE SURE MAIN SWITCH AND VAC MOTOR SWITCH ARE OFF BEFORE MAKING ANY INSPECTION.

The vacuum motor and lint filter are located in the vac well of the recovery tank. To inspect:

1.Turn off all switches.

2.Disconnect the vacuum motor plug.

3.Remove the two (2) vacuum motor tie down screws.

4.Lift the vacuum motor and filter off the two (2) studs.

5.Remove the motor filter and clean the foam material and any lint on motor fan or louvers.

MICROSTAT FILTER

(Optional) Package of 12 (Part 38303)

Installation:

1.Remove the vacuum motor as in steps 1 thru 4 in instructions under Vacuum Motor.

2.Place the Microstat Filter into the vacuum motor pot. Be sure to cover the entire gasket that is on the bottom of the pot. Replace and secure the vacuum motor.

SCRUBBING OPERATIONS

To apply solution to the floor, scrub and immediately recover the liquid and soil. The following sequence of operations is followed:

1.Press the main drive switch to the "ON" position.

2.Turn the vacuum switch **"ON."**

3.Lower the squeegee.

4.Turn water knob to desired flow rate.

5.Lower the brushes to the desired position; brush drive motors automatically turn **"ON."**

6.Squeeze the control rod for forward motion. Various speeds of forward or reverse motion can be obtained by changes in force on the central rod. An infinite number of speeds are available. **DO NOT REVERSE MACHINE WITH SQUEEGEE DOWN.**

TURNS IN THE NORMAL SCRUBBING PATTERN

In order to reduce an over abundance of solution during operation on sharp turns:

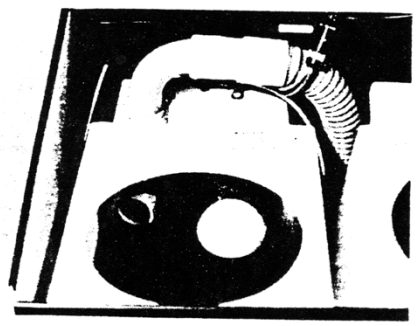
(A)Turn water knob to "OFF" six (6) feet before the turn.

(B)Return the water knob to **"ON"** in the middle of the turn.

Our automatics can be easily controlled and maneuvered with one hand leaving the other hand free to manipulate the water flow.

WET FLOAT SHUT-OFF AND INDICATOR LIGHT

The wet float shut-off is located in the recovery tank. To inspect and clean, remove the vacuum motor pot from the recovery tank. NEVER RESTRICT THE WET FLOAT SHUT-OFF OR VACUUM MOTOR; FLOODING AND DAMAGE MAY OCCUR.



When the recovery tank is full, the float shut-off will turn on the red vacuum light. When the red vacuum light comes on:

1.Turn the vacuum "OFF."

2.Take the machine to a dumping area and empty the recovery tank.

3.Flush out the tank with clean water and check to see that the wet float is not restricted.

TO DUMP SOLUTION

Go to the right side of the machine, reach DOWN TO THE RIGHT DUMP VALVE (red handle) and pull up.

NOTE: Stand well away from the valve for the soil will dump very fast.

The left dump valve is for releasing the clean solution. (Directions are from operators position.)

DUMP HOSE KIT

For conditions where a drain is not accessible, a dump hose kit (Part 38369) is available.

MACHINE CARE

Please read and follow the daily, weekly, and monthly maintenance schedule located on THE UNDERSIDE OF THE LID OVER THE BATTERY COMPARTMENT.

At the end of the day's operation, the machine should be completely cleaned and prepared for the next shift's operations. Careful maintenance will insure effective performance throughout a long period of service.

1.Open the access to the recovery tank and completely rinse with clean water. If this is done at the end of each day, there will be no soil build-up to the surface of the polyethylene tank.

2.Clean the fresh water tank using the same procedure as in No. 1 above.

3.Do not store the machine with the brushes in down position because of the possible set in the brushes and possible discoloration of the floor due to moisture in the brushes.

4.Tilt the battery compartment lid full forward and inspect the battery compartment to insure that no large amount of water or solution has gathered in the battery compartment tray.

5.Remove the brushes from the machine; clean and dry them as necessary and wipe down exterior of the machine.

MAINTENANCE INSTRUCTIONS

A sound Preventative Maintenance Program will insure long, reliable and effective performance from your machine. We would strongly suggest that responsibility for the machine be assigned to a reliable individual in your organization.

DAILY

1.Clean and flush fresh and recovery solution tanks.
2.Clean lint filter on vac fan.
3.Wipe squeegee blades and machine wheels clean.
4.Wipe clean all interior and exterior surfaces.
5.Check battery water level and clean tops with damp cloth - connect battery charger.
6.Charge batteries.
7.Check pick-up tube for any obstruction.

WEEKLY

1. Lubricate chain and check for tension.
2. Lubricate all linkage and hinge parts. See lubrication chart.
3.Lubricate caster bearings and axle. See lubrication chart.
4.Replace Microstat Filter (where applicable).

MONTHLY

1.Check belt and chain for tension and wear. (See adjustments.)
2.Check sprockets for wear.
3.Check alignment of chain and belt.
4.Check all gaskets, vacuum motor, vacuum pot, tank inlet tube, and water valve.
5.Check proper clutch adjustments.
6.Check traction bar control spacing.
7.Check all wiring connections for cleanliness.
8.Lubricate caster bearings and axle. (See lubrication chart.)
9.Replace Microstat Filter (where applicable).
10.Check tire pressure (60 PSI).

SIX MONTHS

1.Inspect vacuum motor carbon brushes, replace if worn to 3/8" length or less.
2.Inspect traction motor carbon brushes, replace if worn to 3/8".
3.Inspect brush drive motor carbon brushes, replace if worn to 3/8".

ADJUSTMENTS

CLUTCH

The transmission in this automatic scrubber uses a clutch to engage and disengage the power to the drive wheels. When the clutch is properly adjusted the machine will start smoothly in both forward and reverse. If the machine starts with a sudden jerk when the control bar is slowly squeezed, the clutch adjustment is too tight. At the other extreme if slipping occurs when the control bar is squeezed tight, the clutch adjustment is too loose. This can promote premature clutch wear.

To adjust the clutch simply turn the wing nut on the adjustment screw on the lower right-hand side of the rear of the machine (item 57 on lower Chassis Figure). Turn clockwise to tighten the clutch adjustment, counterclockwise to loosen the adjustment.

MAIN BELT

The drive belt on this automatic scrubber may be adjusted by turning the adjustment screw at the lower left-hand side of the rear of the machine (Item 2 on Lower Chassis Figure). The belt should never slip, but avoid excessive tightening which can damage bearings. To tighten the belt, first loosen the four (4) motor mounting bolts, next turn the adjustment screw clockwise. To loosen, turn counterclockwise. Retighten motor mounting bolts.

CONTROL BAR SWITCH

The traction drive motor in this automatic scrubber is controlled by two switches which are activated when the control bar is squeezed tight or pulled back. These switches are triggered by cams which are mounted to the activator pivot linkage. The adjustment of these cams on the pivot linkage and the mounting position of the switches must be correct in order for the traction drive motor to function properly.

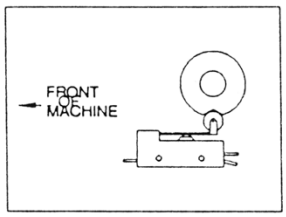
To adjust the switches and cams:

1.Turn all switches off.
2.Open battery compartment.
3.Disconnect forward battery cable and place lead so that it will not come in contact with any battery post.
4.Cover battery tops with cardboard or other non-conducting material.
5.Remove instrument panel and carefully lay out on the cardboard sheet. **DO NOT TOUCH ANY OF THE BATTERY TERMINALS.**

The switches and cams are located about 2 inches left and 6 inches beneath the control panel voltmeter. The switches are mounted together under the pivot linkage. The switch nearest the center of the machine is the traction motor ON/OFF switch. Adjust this switch first. To adjust:

1.Loosen the set screw on the cam nearest the center of the machine. The cam has a V-groove on one side. With the control bar released in neutral position, this cam should be directly above the switch and the V-groove should be down so that the switch roller rests in the center of the groove (see Figure). With the cam in this position, tighten the cam set screw.

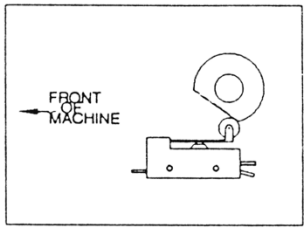
Cam-Switch Configuration with Control Bar in Neutral Position



2.The mounting position of the switches must be at a height which allows the operator to move the control bar about 1/2-3/4 inch in both forward and reverse before the ON/OFF switch (the switch nearest center of machine) is activated. If this height is not correct, loosen the switch mounting screws and move the switches up or down until the ON/OFF switch is set correctly. After this is set, check to make sure the roller rests in the center of the cam V-groove when the control bar is in the neutral position.

3.The left cam activates the forward-reverse traction motor switch. This cam should be set so that even the slightest backward movement of the control bar will activate the forward/reverse switch. When the control bar is pulled back from the neutral position this switch MUST activate before the ON/OFF switch (referred to above) activates. If it doesn't, loosen the left cam set screws and index it on the shaft to the correct setting (see Figure). Then retighten the cam set screw. In some cases it may be necessary to bend the switch lever.

Approximate Cam switch Configuration with Control Bar in Neutral Position



DRIVE CHAIN ADJUSTMENTS

1.Locate access hole on lower chassis assembly on left side of machine.

2.Loosen bolt in access hole with 1/2" socket.

3.Slide idler sprocket down until chain is snug.

4.Retighten idler sprocket bolt.

SQUEEGEE PRESSURE ADJUSTMENT

Squeegee pressure adjustment is required if squeegee wheels will not stay on the floor when squeegee is down. At the rear of the machine, mounted directly above the traction drive motor is a nut that adjusts the squeegee pressure.

To increase squeegee pressure:

1.Use a 1/2" deep socket wrench.

2.Turn the nut clockwise to increase squeegee pressure.

NOTE: Increasing squeegee pressure will increase effort required to lift squeegee.

SQUEEGEE LIFT ADJUSTMENT

This adjustment is necessary when the squeegee will not clear the floor when the squeegee is in the "UP" position.

To adjust the squeegee higher, adjust the jam nuts on each side of the bracket at the bottom end of the squeegee cable:

1.Put the squeegee handle in the "**UP**" position.

2.Loosen the bottom jam nut.

3.Turn the top jam nut clockwise until the squeegee is clear of the floor.

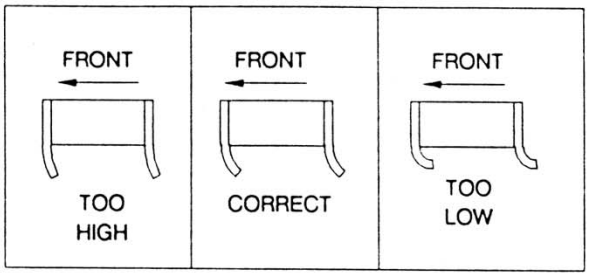
4.Tighten the bottom jam nut to lock the squeegee position.

SQUEEGEE TILT ADJUSTMENT

The squeegee on this machine pivots freely, allowing the pressure on each end of the squeegee to keep it level with the floor at all times. The right to left tilt adjustment is automatic. Front to rear tilt adjustment is correct if, as the machine is moved forward, there is an equal amount of squeegee flare at the ends of the squeegee rubber as there is at the center. The front to rear tilt is controlled by adjusting the four (4) set screws on the squeegee mounting plate. If the squeegee flare is greater at the ends than at the center, loosen the two (2) black knobs, tighten the back two (2) set screws on the squeegee mounting plate equally and retighten the black knobs. If the squeegee flare is less at the ends than at the center, loosen the black knobs, tighten the front two (2) set screws on the squeegee mounting plate, and retighten the black knobs.

SQUEEGEE HEIGHT ADJUSTMENT

In order for the squeegee to pick up effectively, the height must be adjusted to give the correct amount of squeegee rubber contact with the floor. As the machine is moved forward the back squeegee rubber should flare back so that the corner of the leading edge is straight down as shown in the figure labeled "CORRECT" below.



If the squeegee is too high or too low it will not pick up properly.

To adjust the squeegee height:

1.Lower the squeegee to the floor.

2.Loosen the jam nut on the squeegee height adjustment screw (located on top of the squeegee bar, directly above the squeegee wheels).

3.To raise squeegee turn screw clockwise, to lower turn counterclockwise.

4.Retighten jam nut.

USE OF THE BATTERY CHARGER

The Battery Charger is electronically controlled and will drop and hold a finish rate of 2 to 3 amps at which time the charger will stay on for another 2 hours before stopping. Timer often will not go to zero or off. The charger is equipped with a standard 15 amp fuse for protection from short circuit or reverse polarity of the batteries.

To operate the battery charger:

1.Open the battery compartment lid. Do not close this lid during charging operation.

Hydrogen gas is formed when the batteries approach the full charge state. This gas is explosive; therefore, when charging batteries with lid open, avoid any open flame or electric spark near batteries. This includes connecting or disconnecting charger with timer "ON." To avoid accumulation of gas, be sure batteries receive good air circulation while being charged.

CAUTION:

2.Connect the charger plug into the machine firmly. The charger plug is mounted in the battery compartment and beneath the control panel.

3.Plug the battery charger into a normal electrical outlet and turn the timer to "ON."

NOTE: Set the battery charger on a flat, hard surface to insure that cooling air can circulate through the bottom louvers.

The battery charger is guaranteed against defective parts and workmanship. Any parts proving defective within six months will be repaired free of charge when the charger is returned prepaid to the manufacturer.

BATTERY CARE

Battery care determines the life span and efficiency of the units; therefore, for the longest possible useful life from these batteries, the following procedure should be followed:

1.Keep battery solution (electrolyte) level up in cells. Check daily - if cells need water, use only distilled or approved water.

2.Keep batteries fully charged.

3.Keep batteries and connection clean. When necessary, clean with baking soda solution, attach wires and coat terminals with grease to retard corrosion.

SERVICE & BATTERY GUARANTEE APPLYING TO SCRUBBER-VAC BATTERIES

SERVICE GUARANTEE: If a battery becomes unserviceable in normal use within 90 days of purchase, the purchaser is entitled to a new battery of a comparable size and type, without charge, or to the necessary repairs, without charge for either labor or materials, at the option of the manufacturer. Transportation, recharges, or the use of rental batteries are not classed as repairs and the battery owner is expected to pay for such services, if required.

ADJUSTMENT POLICY: If a battery becomes unserviceable in normal use after the expiration of the service guarantee, it will be repaired or replaced with another battery of a comparable size and type to the original purchaser, on a prorated price basis, in exchange for the unserviceable battery, the purchaser paying only for the service received, plus transportation charges.

LIMITATIONS: Failure in service due to fire, wreckage, explosion, freezing, abuse or neglect, use of battery "dopes," or the use of a battery of a group size smaller than of the battery used as original equipment is not covered by the Service & Battery Guarantee. The Service & Battery Guarantee will not apply if battery has been opened or repaired or manufacturer's identification markings has been obliterated before presentation for adjustment or if battery has broken case or cover or if battery is discharged.

SCALE FOR PRO-RATING AFTER 90 DAYS

Months Operation / Months Guarantee x Price / 1 = Exchange Price

All batteries are guaranteed for twelve (12) months from date of receipt.

(Subject to change without notice)

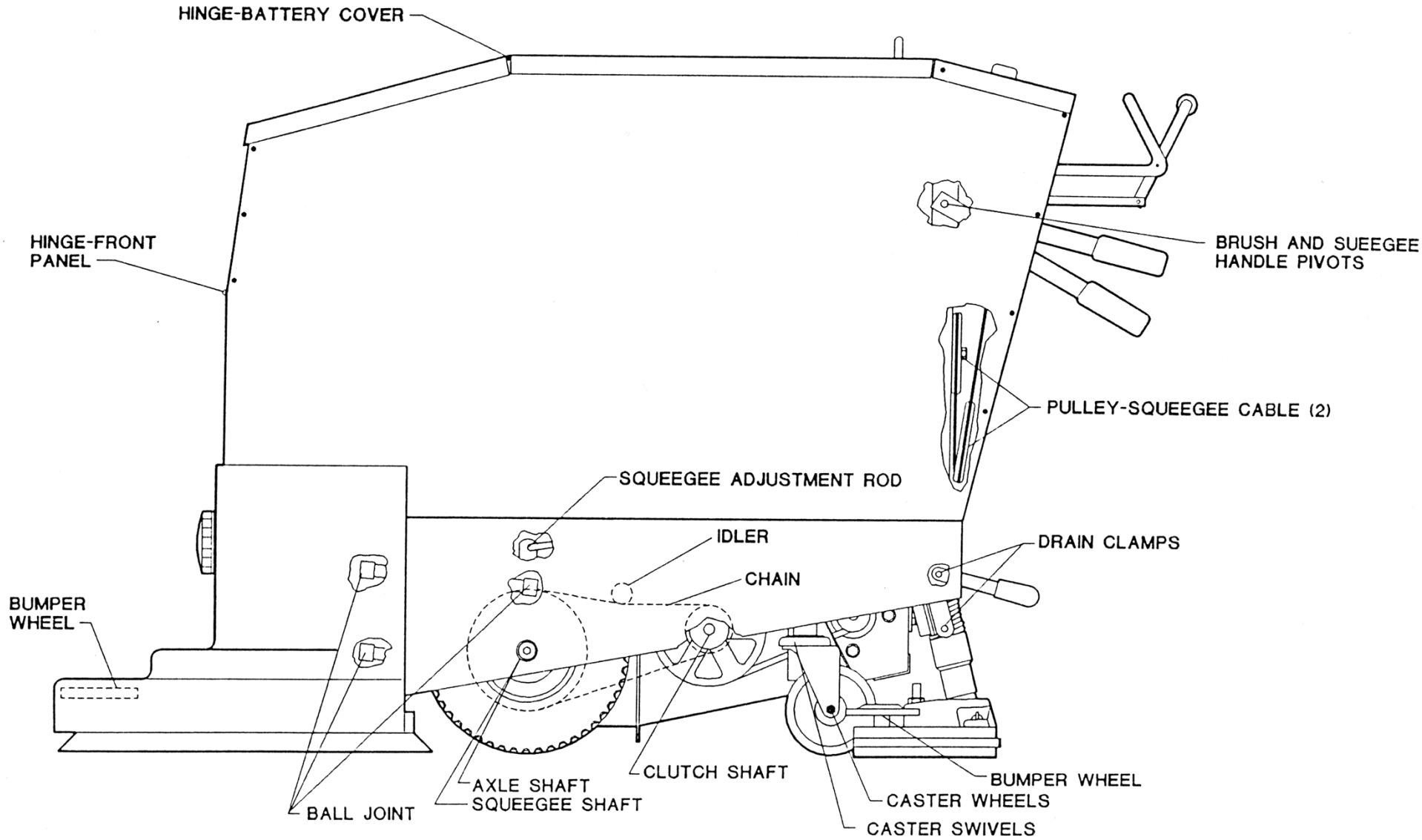
SERVICE DIAGNOSIS - TROUBLESHOOTING CHECKLIST

PROBLEM	CORRECTION
MACHINE WILL NOT MOVE	
1. Loose wire.	1. Reconnect.
2. Battery condition low.	2. Check voltmeter and charge batteries.
3. Clutch requires adjusting.	3. See Adjust Clutch.
4. Drive belt slipping.	4. Tighten belt.
BRUSH DRIVE MOTOR WILL NOT START	
1. Brush Drive Switch faulty.	1. Replace switch.
2. Loose wire.	2. Reconnect.
3. Battery condition low.	3. Check voltmeter and charge batteries.
4. Circuit breaker tripped.	4. Rest by pushing circuit breaker button.
5. Pins left in brush plate tripping circuit breaker.	5. Remove pins and store in holes in frame.
MACHINE STREAKING A CLEANED FLOOR	
1. Foreign materials lodged under rear squeegee blade.	1. Raise squeegee and clean squeegee blade.
2. Insufficient water flow to brushes.	2. Clean screen and fresh solution tank and eliminate any restrictions in lines.
3. Worn squeegee blades.	3. Replace squeegee blade
4. Worn brushes or pads.	4. Replace brushes or pads.
5. Improper squeegee adjustment.	5. See Squeegee Adjustments.
VACUUM SUCTION BLOCKED	
1. Clogged pick-up tube.	1. Remove accumulations.
2. Lint Filter dirty.	2. Clean lint filter.
3. Air leaks around vac motor.	3. Examine gasket for damage or warped motor well.
4. Clogging at elbows and hose entering recovery tank	4. Remove elbow and clean.
SHORT OPERATING TIME	
1. Battery charge condition very low.	1. Recharge batteries fully before beginning operation.
2. Constant scrub operation in high pressure (strip) position.	2. Use high pressure more sparingly.
3. Corroded wires or connectors.	3. Clean thoroughly.
CIRCUIT BREAKER KEEPS TRIPPING	
1. Pins left in brush plate	1. Remove pins and store in holes in frame.
2. Pads or brushes rubbing.	2. Install original equipment accessories.
WATER WILL NOT COME ON	
1. Water line disconnected.	1. Reconnect water solution line to brush head.
2. Cable is loose on water valve.	2. Tighten cable to valve.
MACHINE PULLS TO ONE SIDE	
1. Low tire pressure.	1. Increase tire pressure to 60 lbs.
SQUEEGEE LEVER DOES NOT PICK UP	
1. Squeegee cable off of pulleys.	1. Place cable in pulleys once again.
2. Squeegee height requires adjustment.	2. See adjustment instructions in catalog.
CHARGER WILL NOT COME ON	
1. DC or AC cords not connected.	1. Connect.
2. Fuse defective.	2. Replace fuse with standard 15 Amp fuse.
3. Polarity reversed	3. Change polarity so voltmeter on instrument panel reads correctly.
TIRE MARKS ON FLOOR	
1. Low tire pressure	1. Pump tires to 60 lbs. of pressure or use optional foam filled tire (No. 38660).
CONTROL BAR WON'T RETURN TO NEUTRAL	
1. Return springs disconnected.	1. Reconnect spring.
2. Return spring collar not adjusted properly.	2. Adjust collar.

LUBRICATION CHART

SB-26
SB-32

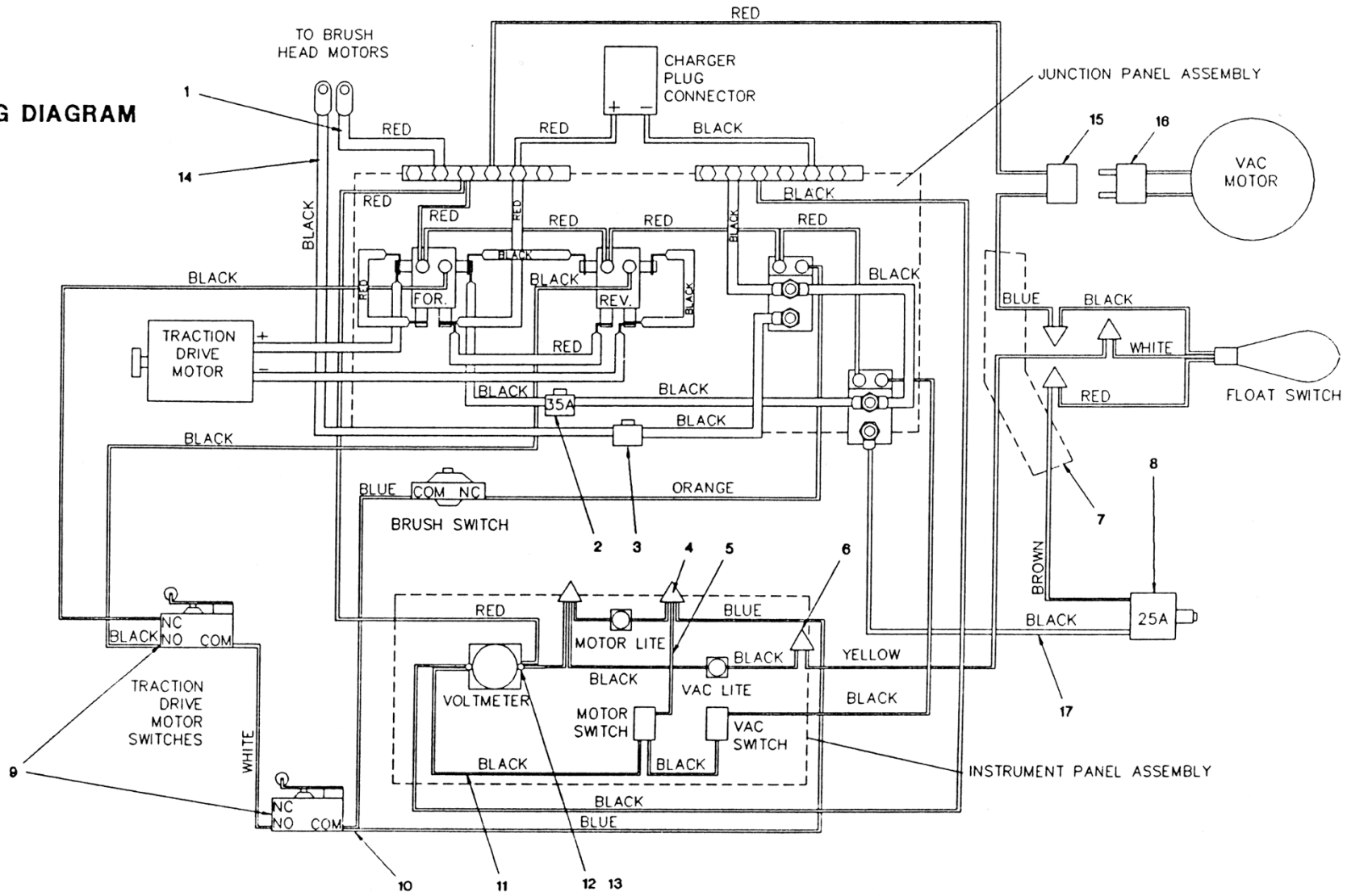
HOOD STRUT NOT SHOWN: 3300375



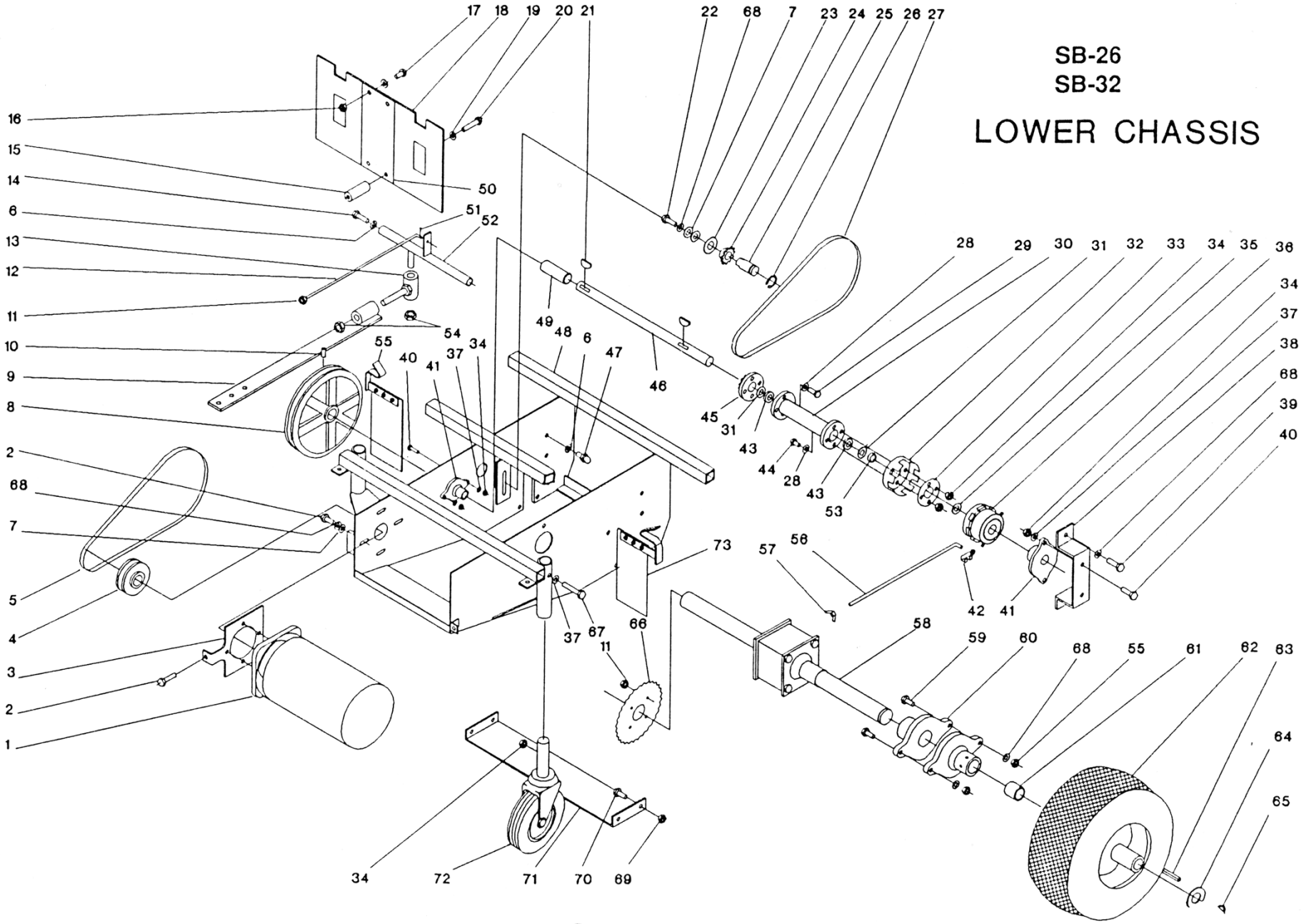
DET	PART NO	DESCRIPTION	REQ
1	025341	ASM,WIRE-- 6GA,RED,78.0L,RINGS	1
2	026717	CIRCUIT-BREAKER--35A-THERMAL	1
3	026924	CIRCUIT BREAKER--45 AMP	1
4	026400	NUT,WIRE--IDEAL 74B	2
5	025570	ASM,WIRE--16GA,BLK, 7.0L,QD	1
6	026464	NUT,WIRE-IDEAL 73B	4
7	026726	WIRE HARNESS--VAC TANK	1
8	025636	CIRCUIT BREAKER--25AMP,SPSTNC	1
9	026886	SWITCH,PUSH--SPDT,20A,125-250V	1

DET	PART NO	DESCRIPTION	REQ
10	025571	ASM,WIRE--2 CNDCT,16GA,BLU	1
11	025244	ASM,WIRE--2 CNDCT,16GA,BLK	1
12	005297	WSHR LK .200ID.334OD.047TSPLT	2
13	003279	NUT,HEX-- 10-24,ZN PLT	2
14	025340	ASM,WIRE-- 6GA,BLK,78.0L,RINGS	1
15	026661	CONN,RCPT--2-WR,LINE CONN,FEM	1
16	026555	CONN,PLUG--2-WR,LINE CONN,MALE	1
17	025765	ASM,WIRE--14GA,BLK,12.00L,COMB	1

WIRING DIAGRAM
SB-26
SB-32

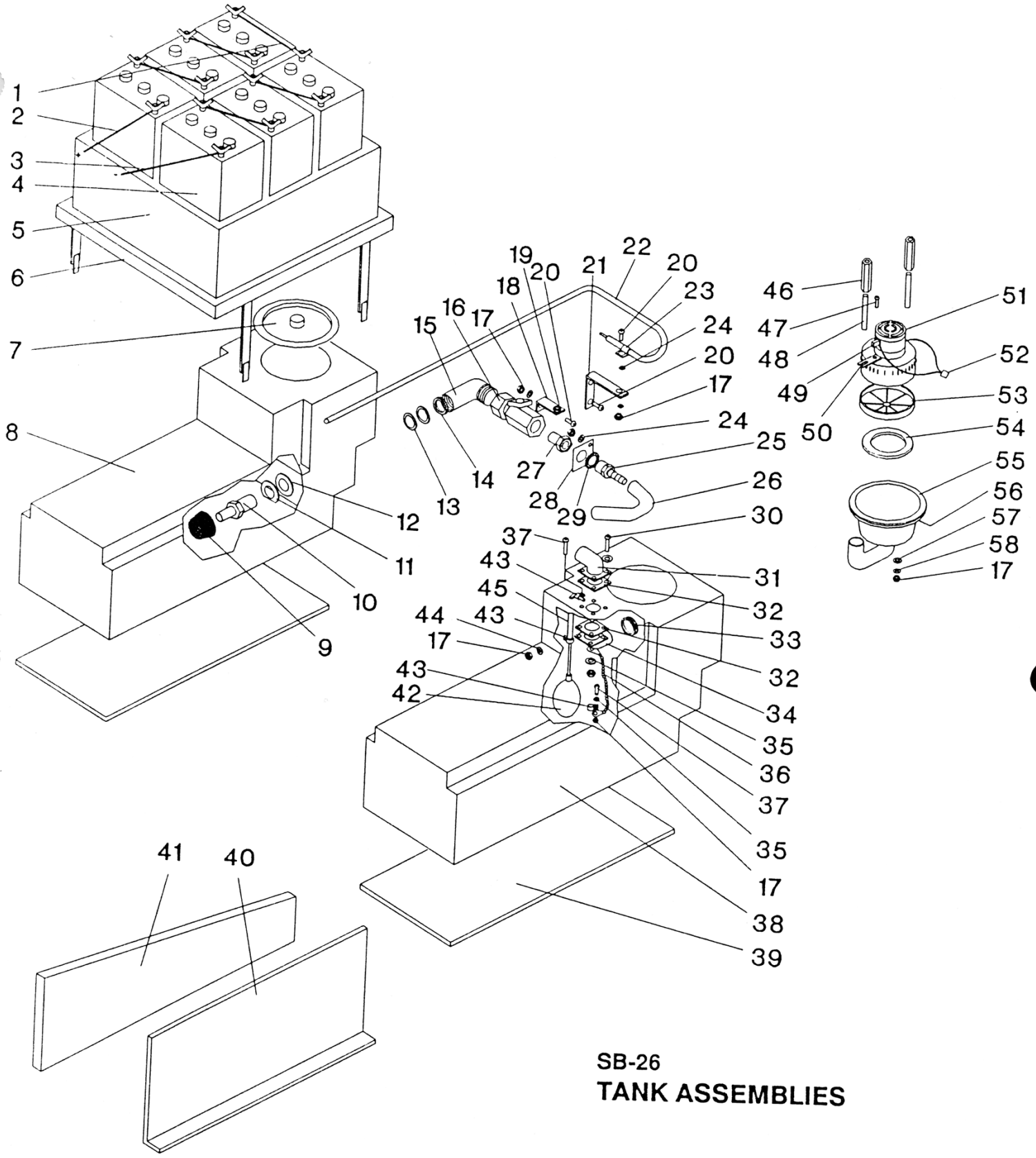


SB-26
SB-32
LOWER CHASSIS



DET	PART NO	DESCRIPTION	REQ
1	023308	MTR,DC--36V,.750HP, 700RPM,48F	1
1	026642	BRUSH,MTR--FOR 23307 & 23308	4
1	026643	ASM,RING--BRUSH	1
1	027212	BRG,BALL--.787ID,1.8500D,.551W	2
2	003246	SCR CAP HEX HD .312-18X1.00L	5
3	053284	BRACKET,STL--6.0X5.0,TENSIONER	1
4	051570	SHEAVE--ZINC PLATED'OUT-SERV'	1
5	053385	BELT,V--4L,30.3 PITCH LENGTH	1
6	004214	WSHR LK .390ID.683OD.094TSPLT	6
7	004218	WSHR FLT .344ID.750OD.060T STL	6
8	053286	PULLEY,GRVD--7.000D,.625 BR	1
9	034170	ASM,SQUEEGEE BAR--W/WHEELS	1
9	034174	WDMT,SQUEEGEE BAR--PIVOT TUBE	1
10	005387	SCR SET CUP PT .312-18X.500L	1
11	003378	NUT,HEX LOCK--.312-18,ZN PLT	1
12	051283	ROD,SQUEEGEE--.312 DIA X 13.3L	1
13	034173	WDMT,PIVOT--SQUEEGEE	1
14	003228	SCR CAP HEX HD .375-16X.875L	2
15	050872	SPACER,PHEN--.250X.500, .375L	2
16	005480	NUT,HEX LOCK-- 10-24,NYLOC	2
17	001289	SCR MACH RD HD 10-24X.500L	2
18	052200	RUBBER,SPLSH GUARD--8.18X14.75	1
19	224015	WSHR FLT .187ID1.000D.063T STL	4
20	005482	SCR TPG F PAN HD 10-24X.875L	2
21	052823	KEY,WOODRUFF--#606,.740LX.187W	2
22	033386	ASM, GREASE FITTING 'AUTOS'	1
23	004221	WSHR FLT .344ID1.000D.036T STL	1
24	049003	SPROCKET,CHAIN--#40,.500P,11T	1
25	052483	IDLER SHAFT--MOTOR,1.339 LONG	1
26	048216	RING,RTNG--EXT,.625 SHAFT,5100	1
27	051421	CHAIN,ROLLER--#40, 68LK & CONN	1
28	004254	WSHR LK .267ID.510OD.028T EXT	8
29	002256	SCR CAP HEX HD .250-20X1.00L	4
30	034003	WDMT,CLUTCH DRIVE--AUTOMATICS	1
31	004422	WSHR SPR TNSN .689ID1.250D.010	2
32	053447	CUP,DRIVE--CLUTCH,AUTO	1
33	049010	WSHR FLT RS#04421 W/4 HOLES	1
34	003283	NUT,HEX--.250-20,ZN PLT	6
35	004496	WSHR SPR TNSN .625ID1.000D.014	1

DET	PART NO	DESCRIPTION	REQ
36	038388	CLUTCH REBUILD KIT	1
36	049016	ASM,CLUTCH--	1
37	002278	WSHR LK .262ID.489OD.062TSPLT	6
38	053282	BRACKET,STL--7.5X2.0,JACKSHAFT	1
39	003244	SCR CAP HEX HD .312-18X.750L	2
40	002256	SCR CAP HEX HD .250-20X1.00L	4
41	027179	BRG,W/PB--.625ID,CAST IRON	2
42	049011	CLIP-R H	1
43	027208	BRG,BALL--.625ID,1.375OD,.344W	2
44	002254	SCR CAP HEX HD .250-20X.875L	4
45	049001	SPROCKET,CHAIN--#40,.500P,11T	1
46	053285	SHAFT--CLUTCH DRIVE, .625OOX15	1
47	048953	BALL JOINT	4
48	034006	WDMT,CHASSIS--LOWER,26&32 AUTO	1
49	053274	TUBE,STL-- .750 OD,17 GA,3.406	1
50	052408	PLATE,MTG--SPLASH GUARD 4.0X7	1
51	004297	PIN,COTTER--.094X .750 LONG	1
52	033422	WDMT,SQUEEGEE--ADJUSTMENT	1
53	053659	SPACER,STL--.750X.640, .156,2	1
54	003370	NUT,HEX LOCK--.500-13,ZN PLT	2
55	033337	ASM,GUARD--SPLASH, LEFT	1
56	053287	ROD,STL--.187X12.00L,THDD	1
57	003358	NUT,WING-- 10-24,ZN PLT	1
58	051375	DIFFERENTIAL,DRIVE--26&32 AUTO	1
59	003251	SCR CAP HEX HD .312-18X1.75L	4
60	027221	BRG,BALL,ANLR,SLD--SELF ALGN.	4
61	051417	SPACER,STL--1.01X1.25, .563L	2
62	038660	WHEEL--11.0DIA,1.00BORE,3.50HB	2
63	044656	KEY,SQUARE--.250 SQ,2.500 LONG	2
64	004330	WSHR FLT 1.051D1.500D.036T STL	4
65	048537	RING,RTNG--EXT,.984 SHAFT,5160	2
66	051376	SPROCKET,CHAIN--#40,.500P,44T	1
67	002273	SCR CAP HEX HD .250-20X1.75L	2
68	004212	WSHR LK .326ID.586OD.078TSPLT	11
69	005279	NUT,HEX LOCK--.375-16,NYLOC	4
70	003224	SCR CAP HEX HD .375-16X.750L	4
71	051394	SUPPORT,PLATE--LOWER,26&32AUTO	2
72	049940	CASTER	2
73	033356	ASM,GUARD--SPLASH, RIGHT	1



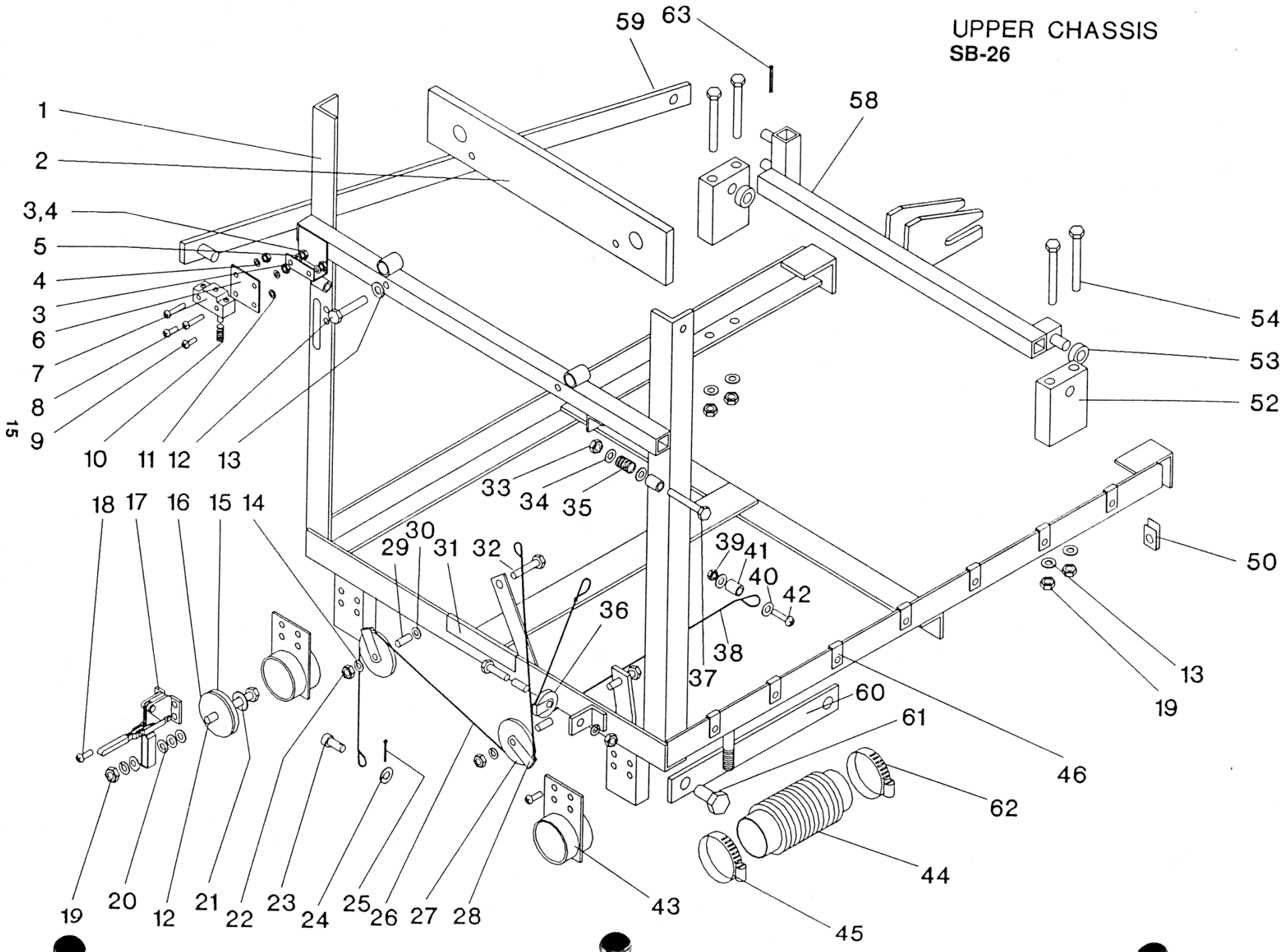
SB-26

TANK ASSEMBLIES

DET	PART NO	DESCRIPTION	REQ
1	025274	ASM,WIRE-- 6GA,BLK,14.0L,RINGS	1
2	025275	ASM,WIRE-- 6GA,RED, 8.0L,RINGS	4
3	025085	ASM,WIRE-- 6GA,BLK,10.2L,RINGS	4
4	026938	BATTERY-- 6V,200AH,WET	6
			6
5	053536	BOX,BATT--26" AUTO'S,MACHINED	1
6	032686	BATTERY SUPPORT FRAME	1
7	051107	LID-SOLUTION TANK	1
8	051073	SOLUTION TANK-MACHINED	1
9	048848	LINE STRAINER	1
10	048776	ADPTR,PP-BS--3/4 MPTX.500 BOSS	1
11	004472	WSHR FLT 1.08ID2.060D W/FLAT	1
12	046980	ASM,GASKET--SCREEN	2
13	004330	WSHR FLT 1.05ID1.500D.036T STL	2
14	006114	NUT,HEX LOCK--.750 IPT,CONDUIT	1
15	051603	ELBOW,PIPE--3/4 MPTX3/4IPT,BRS	1
16	048654	VALVE-WATER V-75	1
17	003279	NUT,HEX-- 10-24,ZN PLT	11
18	044811	LEVER-WATER VALVE	1
19	044826	CONNECTOR-WATER VALVE CABLE	1
20	001295	SCR MACH RD HD 10-24X.625L	4
21	048511	BRACKET	1
22	032548	ASM,CABLE--WATER	1
23	042113	CLAMP,LOOP--.187 DIA,STL	1
24	004253	WSHR LK .204ID.410OD.025T EXT	8
25	048688	ADPTR,PP-HS--1/2 MPTX1/2HS,BRS	1
26	051610	TUBE,VINYL--.500X.750,12.00L	1
27	006019	BSHG,PIPE--3/4 MPTX1/2 IPT,BRS	1
28	048510	PLATE	1
29	006108	NUT,SPECIAL--.500 PIPE,HEX LOC	1

DET	PART NO	DESCRIPTION	REQ
30	002210	SCR MACH RD HD 10-24X1.50L	4
31	032542	ASM,ELBOW--INLET-TOP	1
32	048257	GASKET-INLET ELBOW	2
33	046831	GROM--1.31 ID,1.50 MHD,.062 PA	1
34	032543	ELBOW ASM-INLET-BOTTOM	1
35	005297	WSHR LK .200ID.334OD.047TSPLT	5
36	033521	ASM,CHAIN-- BALL LINK 7.37L.	1
37	001327	SCR MACH PAN HD 10-24X.750L	3
38	051469	VAC TANK'MACHINED'--26 AUTO	1
39	049260	TANK BOTTOM SUPPORT	2
40	048818	GUARD-BRUSH LIFT LEVER	1
41	048817	SUPPORT-TANK	1
42	026725	SWITCH,TILT--MERCURY,20A,115V	1
43	051466	CLAMP,LOOP--.297 CLOSED I.D.	3
44	224074	WSHR SEAL .203ID SS	4
45	051692	PIPE,PVC--.50 IDX.62 ODX6.87 L	1
46	048843	BAR,ALUM,HEX--.500, 3.00 LONG	2
47	002380	SCR TPG F PAN HD 10-B X.625L	2
48	047366	STUD-- 10-24X4.50L STL	2
49	038786	BRUSH,MTR--24 AND 36V DC VAC	2
50	047348	LUG MOTOR MOUNT	2
51	023956	MTR,VAC--36V,BYP,2 STG,PD	1
51	096773	MTR,VAC--24V,BYP,2 STG,PD	1
52	026555	CONN,PLUG--2-WR,LINE CONN,MALE	1
53	046817	LINT FILTER	1
54	049355	GASKET-VAC MOTOR	1
55	048239	VAC POT	1
56	048563	GASKET-VAC POT	1
57	048881	SPACER,RBR--.130X1.00, .187L	2
58	004226	WSHR FLT .234ID1.125OD.036TSTL	2

UPPER CHASSIS
SB-26

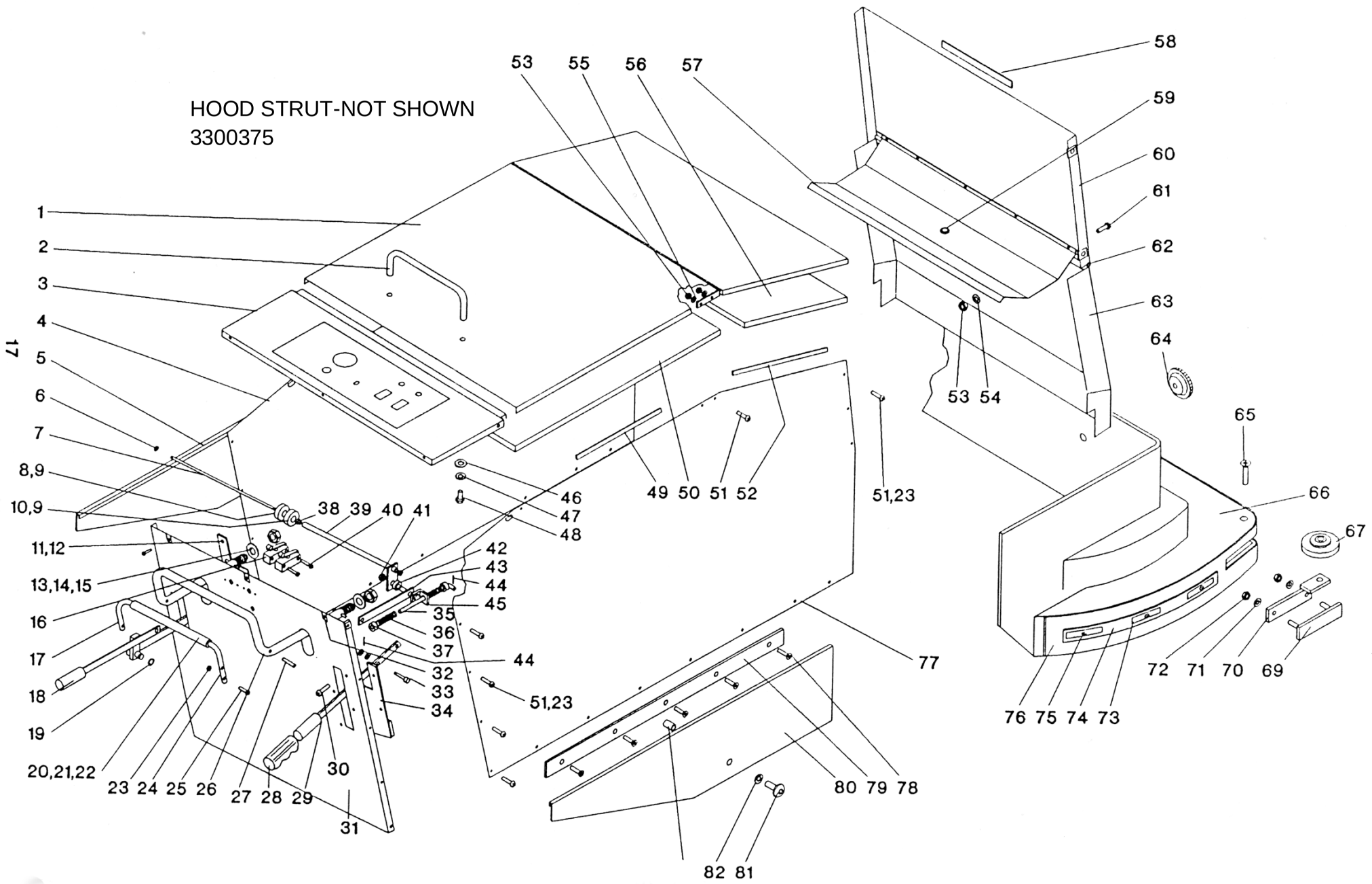


DET	PART NO	DESCRIPTION	REQ
1	034031	WDMT,CHASSIS--UPPER,26 AUTO	1
2	032580	ASM,BATTERY--SUPPORT	1
3	003274	NUT,HEX-- 6-32,ZN PLT	4
4	004250	WSHR LK .148ID.250OD.031TSPLT	4
5	004200	WSHR FLT .156ID.375OD.065T BRS	2
6	051645	PLATE,MOUNTING--SWITCH	1
7	026515	SWITCH,PUSH--SPDT,21A,240V	1
8	005261	SCR MACH RD HD 6-32X1.25L	2
9	001244	SCR MACH RD HD 6-32X.750L	2
10	046648	SPRING,COMP .344D .687L .032WD	1
11	004249	WSHR LK .150ID.320OD.022T EXT	2
12	005462	SCR CAP HEX HD .312-18X1.75L	3
13	004212	WSHR LK .326ID.586OD.078TSPLT	8
14	002278	WSHR LK .262ID.489OD.062TSPLT	3
15	048140	WSHR NEOPRENE .250X2.25X.187T	1
16	048097	WSHR FLT .328ID2.270O.120T STL	1
17	048047	DRAIN CLAMP	1
18	002343	SCR TPG F PAN HD .250-20X.500L	4
19	003349	NUT,HEX--.312-18,ZN PLT	5
20	005284	WSHR FLT .344ID.687OD.080T STL	2
21	004374	WSHR FLT .406ID1.750O.060T STL	1
22	003283	NUT,HEX--.250-20,ZN PLT	3
23	004383	PIN,CLEVIS--.375X .625 LONG	1
24	005320	WSHR FLT .406ID.750OD.060T STL	1
25	004298	PIN,COTTER--.125X .750 LONG	1
26	048771	CABLE,STL--.125DIA,37.50L	1
27	048174	PULLEY,CABLE--2.500O,.378 BORE	2
28	048176	GUARD-PULLEY	3
29	048177	SPACER,STL--.253X.374, .530L,Z	3

DET	PART NO	DESCRIPTION	REQ
30	005433	WSHR FLT .281ID.750OD.120T STL	1
31	048178	WEAR STRIP-CABLE 98256	1
32	002269	SCR CAP HEX HD .250-20X1.25L	3
33	003368	NUT,HEX LOCK--.375-16,ZN PLT	2
34	005483	WSHR FLT .438ID1.000O.104T STL	4
35	048206	SPRING,COMP .600D 1.00L .072WD	2
36	053300	PULLEY,CABLE--1.62 OD,.375 ID	1
37	003268	SCR CAP HEX HD .375-16X3.00L	2
38	053305	WIRE ROPE--.125 DIA. X 32.75L	1
39	005480	NUT,HEX LOCK-- 10-24,NYLOC	1
40	E49039A	WSHR FLT .203ID.750OD.048T SS	2
41	046425	SPACER,PHEN--.250X.437, .250L	1
42	001327	SCR MACH PAN HD 10-24X.750L	1
43	032489	ASM,VALVE--DUMP	2
44	048783	HOSE,RBR,FLEX--4.37-7.50L	2
45	049999	CLAMP,HOSE--2.25 MAX DIA,WORM	2
46	005595	NUT,SPEED,U--.250-20	14
50	003436	NUT,SPEED,J--.250-20,.75X1.08	2
52	053183	CASTING,MACH--RS97369,BLOCK	2
53	051691	SPACER,STL--.506X.750, .312L.	2
54	002339	SCR CAP HEX HD .312-18X5.00L	4
56	051552	ANGLE,STL--1.25X1.25X24.00L	1
58	034186	WDMT,LIFT--BRUSH HEAD,26" AUTO	1
59	032936	ASM,BAR--CONNECT,BRUSH LIFT	1
60	050025	BAR-CASTER SUPPORT 26&32 AUTO	2
61	005423	SCR CAP HEX HD .250-20X2.00L	2
62	044112	CLAMP,HOSE--2.50 MAX DIA,WORM	2
63	004297	PIN,COTTER--.094X .750 LONG	2

SB-26

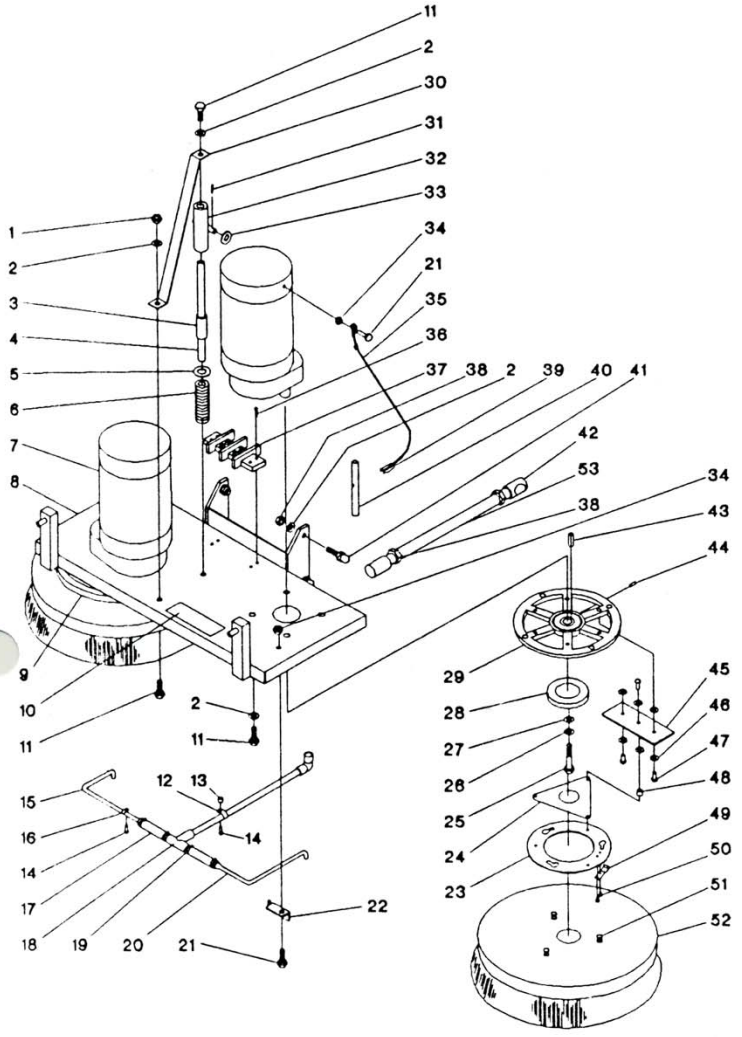
OUTER COVER ASSEMBLY



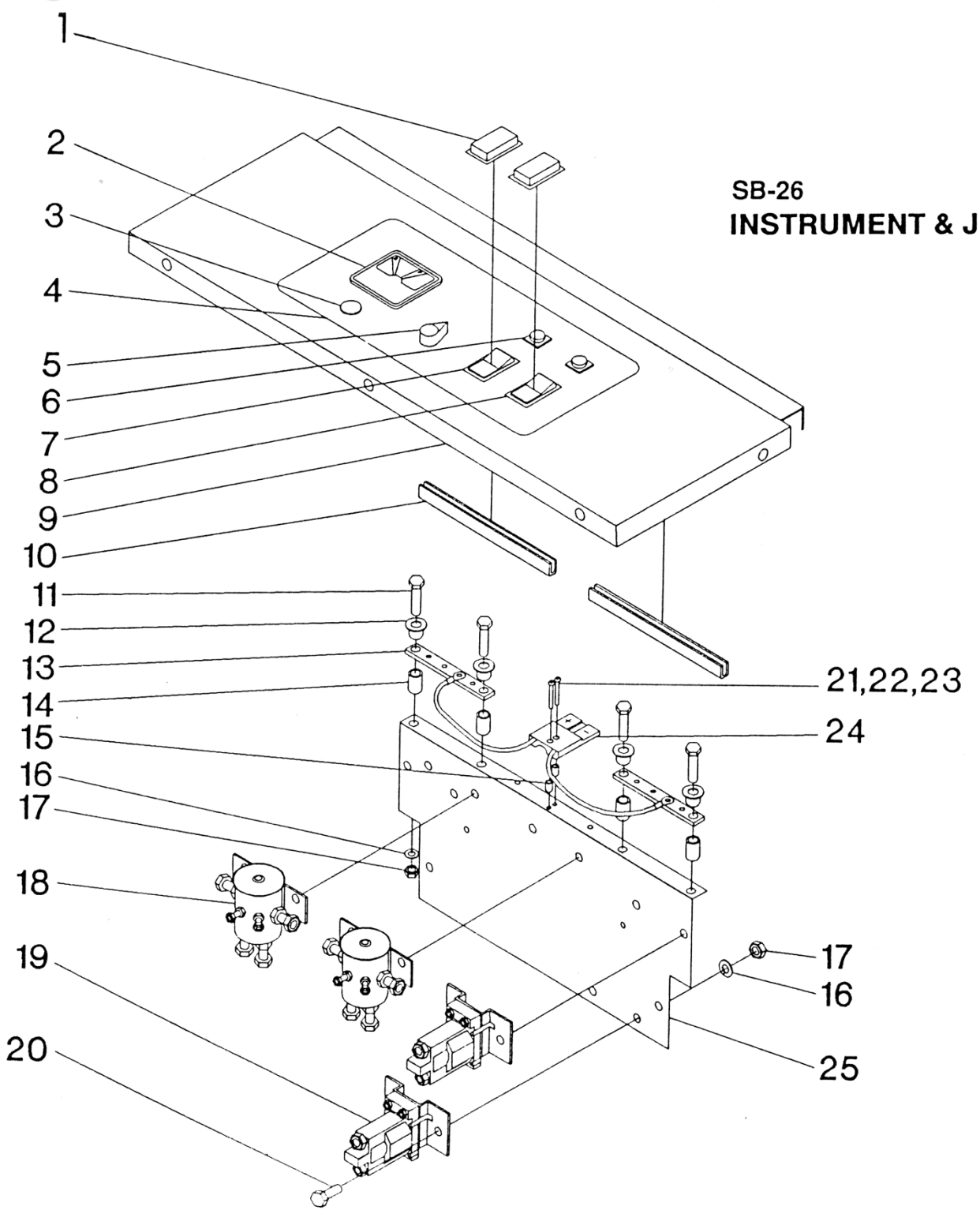
DET	PART NO	DESCRIPTION	REQ
1	032747	ASM,COVER--	1
2	048071	HANDLE,STL	1
3	048531	PANEL,INSTRUMENT--26IN AUTO,SS	1
4	050072	PANEL OUTER COVER-LEFT	1
5	048681	PANEL-LEFT-LOWER	1
6	048512	RING,RTNG--EXT,.250 SHAFT,5133	2
7	053691	RD,STL--.250DIA,14.12L,GROOVED	1
8	053136	CAM,CONTROL--REVERSE SWITCH	1
9	001276	SCR SET CUP PT 10-24X.250L	2
10	053137	CAM,CONTROL--BRAKE SWITCH	1
11	048788	PLATE,HANDLE LOCK	1
12	048789	PLATE-HANDLE LOCK BOTTOM	1
13	003369	NUT,HEX JAM--.625-11,ZN PLT	2
14	050979	WSHR FLT .625ID1.250D.120T STL	2
15	005453	PIN,ROLL--.187 DIA,1.000L	2
16	026886	SWITCH,PUSH--SPDT,20A,125-250V	2
17	051416	BAR,HANDLE-LEFT,26&32 AUTO	1
18	032958	ASM,HANDLE--BRUSH,26&32 AUTO	1
19	004351	RING,RTNG--EXT,.500 SHAFT, "E"	1
20	033427	ASM,SQUEEZE HANDLE--26&32 AUTO	1
21	049965	HANDLE-TRACTION BAR	1
22	005450	PIN,ROLL--.187 DIA, .880L	1
23	005480	NUT,HEX LOCK-- 10-24,NYLOC	15
24	051415	BAR,HANDLE-RIGHT,26&32 AUTO	1
25	005457	SCR MACH PAN HD 10-24X1.00L	1
26	034139	WDMT,HANDLE--26&32 AUTO,CHROME	1
27	005474	PIN,ROLL--.187 DIA,1.375L	2
28	047418	HANDLE-GRIP	2
29	032492	ASM,HANDLE--SQUEEGEE	1
30	005478	SCR MACH RD HD .250-20X.500L	8
31	051058	PANEL,REAR--SS,26IN AUTO	1
32	003436	NUT,SPEED,J--.250-20,.75X1.08	5
33	004361	PIN,CLEVIS--.375X1.000 LONG	1
34	032544	ASM,LOCK--SQUEEGEE	1
35	053296	ROD,STL--.312 DIA., 6.00 LONG	1
36	053321	SPRING,COMP--.480D,2.75L,.059W	2
37	048987	COLLAR-CENTERING SPRING	2
38	027224	BRG,FLANGE--.250IDX.375ODX.37W	2
39	034142	WDMT,CLUTCH ACTUATOR--W/C'BORE	1
40	001489	SCR MACH RD HD 6-32X1.75L	2
41	005479	NUT,HEX LOCK--.250-20,NYLOC,ZN	1
42	046425	SPACER,PHEN--.250X.437, .250L	1
43	053297	BAR,STL--.188X.50X8.125L	1

DET	PART NO	DESCRIPTION	REQ
44	004297	PIN,COTTER--.094X .750 LONG	2
45	034011	WDMT,BRACKET--CABLE,ACTUATOR	1
46	005213	WSHR FLT .281ID.562OD.063T STL	2
47	002278	WSHR LK .262ID.489OD.062TSPLT	2
48	002243	SCR CAP HEX HD .250-20X.625L	2
49	048683	WEAR STRIP-SIDE PANEL REAR	2
50	048506	COVER-BATTERIES	1
51	005456	SCR MACH PAN HD 10-24X.500L	16
52	048682	WEAR STRIP-SIDE PANEL FRONT	2
53	003279	NUT,HEX-- 10-24,ZN PLT	9
54	005297	WSHR LK .200ID.334OD.047TSPLT	5
55	004253	WSHR LK .204ID.410OD.025T EXT	4
56	049845	SOUND RETAINER - VAC FAN	1
57	034096	WDMT,COVER--MOTOR DRIP	1
58	048684	WEAR STRIP-UPPER FRONT PANEL	1
59	049286	GROM--.437 ID,.562 MHD,.062 PA	1
60	050078	FRONT PANEL-UPPER	1
61	005316	SCR TPG F PAN HD 10-24X.375L	10
62	050107	HINGE,BUTT--1.25X22.50 LONG	1
62	053944	GASKET,FOAM--.125X.500X22.50L	2
63	050077	FRONT PANEL-LOWER	1
64	047484	KNOB	2
65	005415	SCR MACH FLAT HD .375-16X2.00L	1
66	033384	ASM,COVER--BRUSH,26''AUTOS	1
66	051238	COVER,BRUSH,POLY-MACHINED,26''	1
67	049261	WHEEL--3.00DIA,.380BORE,.875HB	1
69	051276	WDMT,BAR,BUMPER WHEEL CLAMP	1
70	051275	WDMT,BUMPER WHEEL MTG -- AUTOS	1
71	002278	WSHR LK .262ID.489OD.062TSPLT	2
72	003283	NUT,HEX--.250-20,ZN PLT	2
73	052006	STR,STL--.062X.437X1.50 LONG	9
74	052009	CHNL,PLSTC--.750X.281X 40.12 L	1
74	052010	CHNL,PLSTC--.750X.281X 13.18 L	1
75	002390	SCR TPG F PAN HD 8-10X.562L	9
76	051741	GUARD,SPLASH--.12X4.00X68.00L	1
77	050073	PANEL-OUTER COVER-RIGHT	1
78	002252	SCR MACH FLAT HD .250-20X.750L	8
79	048078	BAR,SPACER--27 LONG	2
80	048680	PANEL-RIGHT-LOWER	1
81	001474	SCR MACH BTN HD .500-13X2.50L	2
82	004331	WSHR FLT .500ID1.500D.125T NYL	2
83	051601	SPACER,STL--.506X.750, .500L,Z	2

BRUSH HEAD ASSEMBLY
SB-26



DET	PART NO	DESCRIPTION	REQ
1	003293	NUT,HEX--.375-16,ZN PLT	1
2	004214	WSHR LK .390ID.683OD.094TSPLT	10
3	053791	SPACER,STL--.657X.875, 2.50L	1
4	051485	SHAFT,SUPPORT--BRUSH HEAD	1
5	050979	WSHR FLT .625ID1.250D.120T STL	1
6	053774	SPRING,COMP 1.09D 4.00L .135WD	1
7	024327	ASM,MTR&GEAR UNIT--.75HP,5.4:1	2
7	038908	BRUSH,MTR--FOR 24327 LEROY SMR	4
8	033418	WDMT,BRUSH HEAD--26''AUTO	1
9	033996	ASM,HUB--BRUSH DRIVE,RIGHT	1
10	051549	LABEL,INSTR--WRN,AUTO	1
11	003262	SCR CAP HEX HD .375-16X1.00L	10
12	051474	CLAMP,LOOP--.609 CLOSED I.D.	1
13	046425	SPACER,PHEN--.250X.437, .250L	1
14	001331	SCR TPG C PAN HD 10-24X.750L	3
15	053261	TUBE,FORMED--AUTO,SOLN,RIGHT	1
16	051466	CLAMP,LOOP--.297 CLOSED I.D.	2
17	051514	TUBE,VINYL--.500X.750, 2.25L	2
18	033992	ASM,TUBE--SOLN,CNTR,FEED,26"	1
19	047834	CLAMP,HOSE--.875 MAX DIA,WORM	4
20	053260	TUBE,FORMED--AUTO,SOLN,LEFT	1
21	002237	SCR CAP HEX HD .250-20X.500L	4
22	053277	BRACKET,SOLN TUBE--.75X.75X1.8	2
23	032231	ASM,DRIVE--BRUSH,RIGHT	1
23	032232	ASM,DRIVE--BRUSH,LEFT RING	1
23	046740	RING-BRUSH DRIVE	2
24	048414	PLATE-BRUSH RING SUPPORT	2
25	001494	SCR CAP HEX HD .312-18X2.00L	2
26	005358	WSHR LK--.326ID.586OD.078T SPL	2
27	004509	WSHR FLT .344ID1.000D.109T,BRS	2
28	046764	BRUSH SUPPORT	2
29	033995	ASM,HUB--BRUSH DRIVE,LEFT	1
29	053221	CASTING--BRUSH DRIVE W/CENTER	2
30	051405	BRACE,SUPPORT--BRUSH HEAD	1
31	004297	PIN,COTTER--.094X .750 LONG	2
32	032614	ASM,YOKE--BRUSH LIFT	1
33	004238	WSHR FLT .531ID1.000D.071T STL	2
34	003363	NUT,HEX LOCK--.250-20,ZN PLT	4
35	053793	WIRE ROPE--.062 DIA X 10.50L	2
36	005482	SCR TPG F PAN HD 10-24X.875L	4
37	026922	BLOCK,TERMINAL--2 POLE,70 AMPS	1
38	003359	NUT,HEX--.375-24,ZN PLT	12
39	004352	PIN,LOCK--.125 DIA WIRE	2
40	051486	PIN,ALUM.--.375'' BRUSH LOCK'G	2
41	048953	BALL JOINT	4
42	049473	BALL JOINT BODY	8
43	044656	KEY,SQUARE--.250 SQ,2.500 LONG	2
44	003434	SCR SET CUP PT 10-24X.50SS	2
45	049631	STRAP-BRUSH RING	6
46	004513	WSHR FLT .281 ID.875OD.036T ZN	36
47	004326	RIVET,TUBE--.250 DIA, .719L	18
48	046425	SPACER,PHEN--.250X.437, .250L	6
49	046898	SPRING-RETAINING	2
50	004328	RIVET,TUBE--.141 DIA, .281L	4
51	046746	BRUSH LUG	6
52	020274	BRUSH,FLAT--13.50O,BASSINE,WD	2
53	033809	ASM,ARM--GUIDE 26&32 BRUSH HD	4
53	052683	ROD STL--THR.,.375-24X4.18L	4



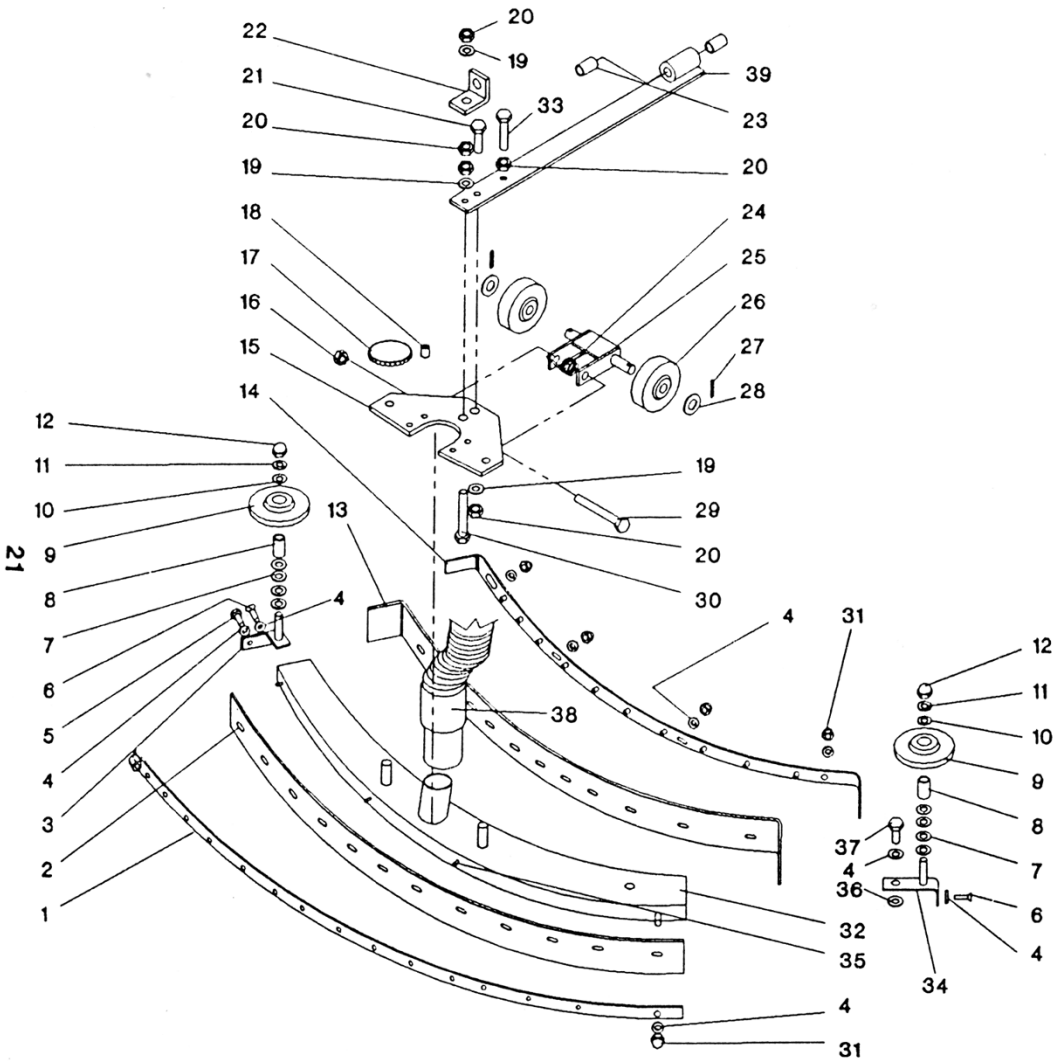
SB-26

INSTRUMENT & JUNCTION PANEL ASSEMBLIES

DET	PART NO	DESCRIPTION	REQ
1	048653	SWITCH PROTECTOR	2
2	026503	VOLTMETER	1
3	046156	BUTTON PLUG	1
4	048532	LABEL,INSTR--OPN,AUTO CONT	1
5	046008	KNOB-WATER CONTROL	1
6	026507	LIGHT,INDICATOR--RED,36VDC	2
7	026469	SWITCH,RKR--SPST,10A,250V,3/4H	1
8	026466	SWITCH,RKR--SPST,10A,250V,3/4H	1
9	048531	PANEL,INSTRUMENT--26IN AUTO,SS	1
10	047925	U-CHNL,PLSTC--RS 98251, 7.62 L	2
11	002267	SCR CAP HEX HD .250-20X1.50L	4
12	004369	WSHR SHLDR.250ID.562OD.120T,NY	4
13	048269	BAR,STL--.187X.750X 4.00 LONG	2
14	048268	SPACER,PLSTC--.500X.625, .500L	4
15	046425	SPACER,PHEN--.250X.437, .250L	2
16	002278	WSHR LK .262ID.489OD.062TSPLT	12
17	003283	NUT,HEX--.250-20,ZN PLT	12
18	026713	SOLENOID,DOUBLE THROW--SWITCH	2
19	026504	SOLENOID--SWITCH,SPNO,36VDC	2
20	002237	SCR CAP HEX HD .250-20X.500L	8
21	005261	SCR MACH RD HD 6-32X1.25L	2
22	004250	WSHR LK .148ID.250OD.031TSPLT	4
23	003274	NUT,HEX-- 6-32,ZN PLT	4
24	026573	CHARGER PLUG	1
25	048270	PANEL,JUNCTION--AUTOMATICS	1

SB-26

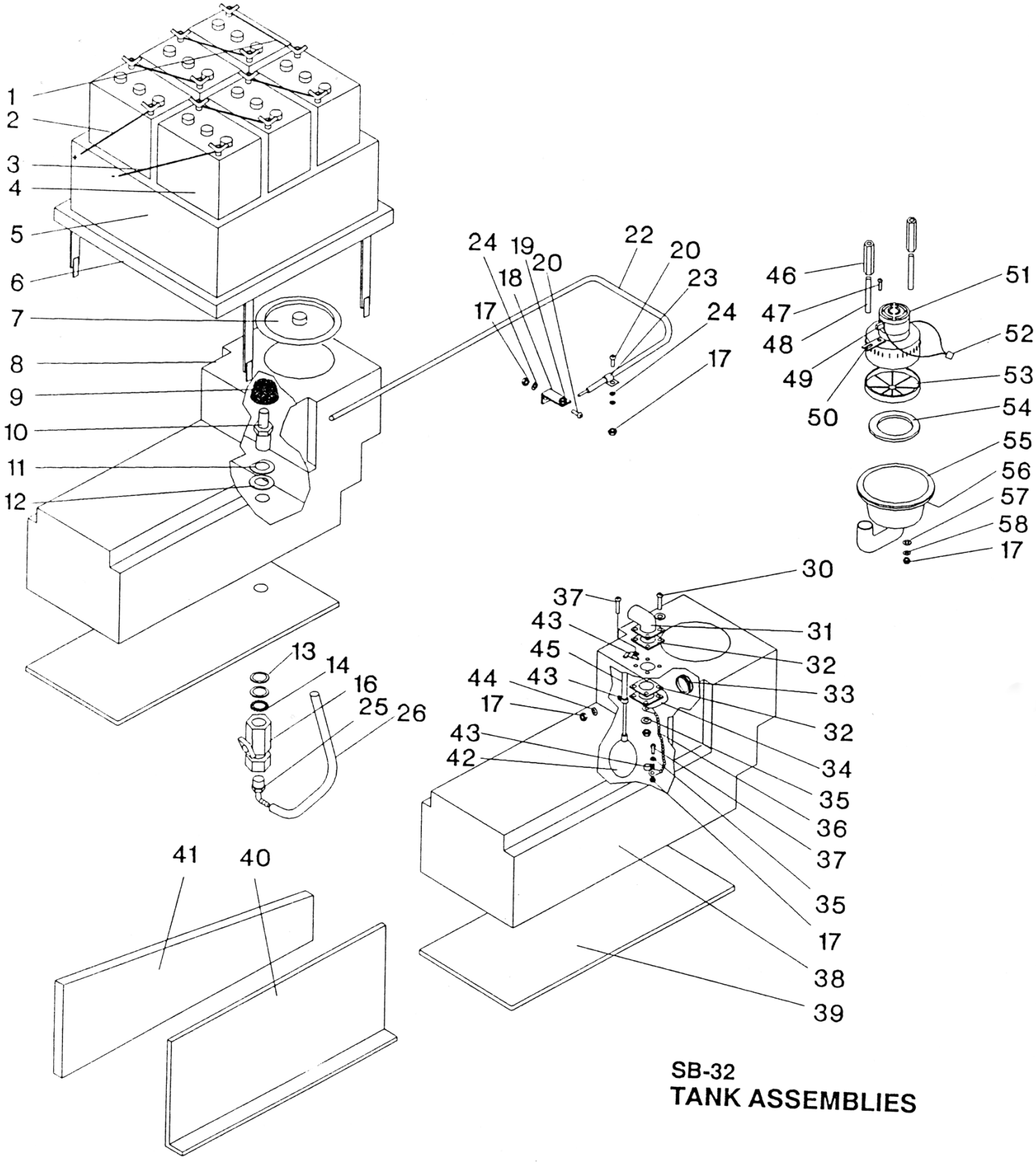
SQUEEGEE ASSEMBLY



SB-26

SQUEEGEE ASSEMBLY

DET	PART NO	DESCRIPTION	REQ
1	034182	WDMT,CLAMP--SQUEEGEE,REAR,26"	1
2	053808	RUBBER,SQUEEGEE--REAR,26"AUTO	1
3	034212	WDMT,BRACKET--SQUEEGEE WHL,26	1
4	004254	WSHR LK .267ID.510OD.028T EXT	9
5	005552	SCR CAP HEX HD .250-20X1.00L	1
6	002240	SCR MACH FLAT HD .250-20X.500L	2
7	004505	WSHR FLT .344ID.750OD.062T SS	4
8	053699	SPACER,STL--.312X.437,.43L	2
9	053720	WHEEL--4.00DIA,.438BORE,.688HB	2
10	004217	WSHR FLT .344ID.625OD.071T STL	2
11	004212	WSHR LK .326ID.586OD.078TSPLT	2
12	005232	NUT,ACORN--.312-18,CHROME	2
13	053807	RUBBER,SQUEEGEE--FRONT,26"AUTO	1
14	034181	WDMT,CLAMP--SQUEEGEE,FRONT,26"	1
15	034171	WDMT,PLATE--SQUEEGEE	1
16	003368	NUT,HEX LOCK--.375-16,ZN PLT	1
17	047484	KNOB	2
18	002438	SCR SET CUP PT .375-16X.500L	4
19	004214	WSHR LK .390ID.683OD.094TSPLT	3
20	003294	NUT,HEX JAM--.375-16,ZN PLT	5
21	003262	SCR CAP HEX HD .375-16X1.00L	1
22	049009	BRACKET-SQUEEGEE LIFT	1
23	027171	BRG,SLV-- .500ID, .625OD,.750W	4
24	E36649	SPRING,TRSN .791D 1.09L .106WD	1
25	034172	WDMT,BRACKET--SQUEEGEE WHEEL	1
26	049261	WHEEL--3.00DIA,.380BORE,.875HB	2
27	005383	PIN,COTTER--.094X1.000 LONG	2
28	004223	WSHR FLT .406ID.625OD.036T STL	2
29	003267	SCR CAP HEX HD .375-16X2.75L	1
30	002445	SCR CAP HEX HD .375-16-2.50L	1
31	S50472	NUT,ACORN--.250-20,NI PLT,HC	5
32	053806	CASTING,SQUEEGEE--26"AUTO	1
33	222620	PIN,ROLL--.250 DIA, .875L	3
34	034211	WDMT,BRACKET--SQUEEGEE WHL,26	1
35	222620	PIN,ROLL--.250 DIA, .875L	3
36	005373	WSHR FLT .281ID.625OD.062T STL	1
37	223218	SCR CAP HEX HD .250-20X.625L	1
38	033530	ASM,HOSE--VACUUM,GREY, 5'	1
39	034170	ASM,SQUEEGEE BAR--W/WHEELS	1
39	034174	WDMT,SQUEEGEE BAR--PIVOT TUBE	1

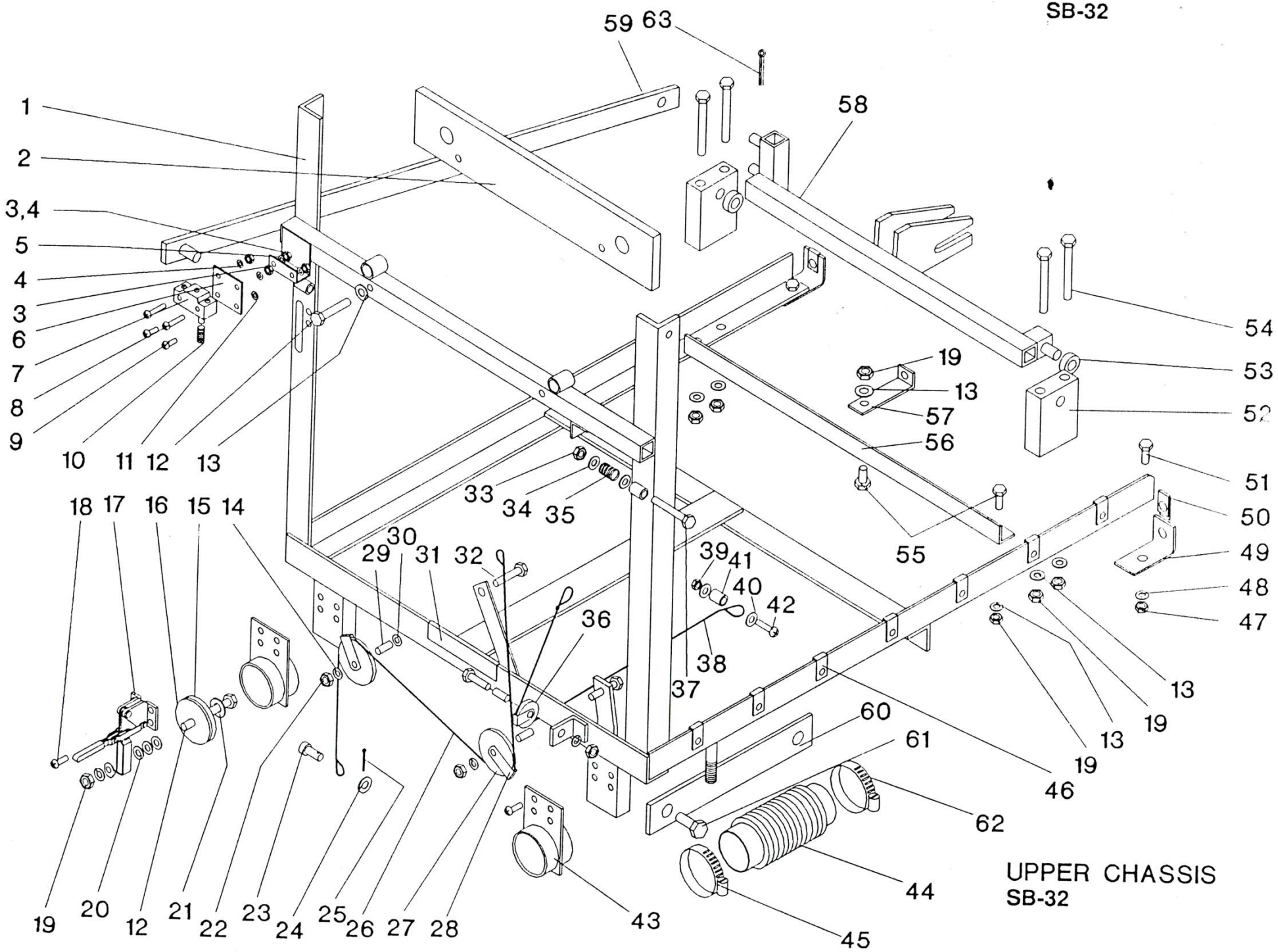


SB-32
TANK ASSEMBLIES

DET	PART NO	DESCRIPTION	REQ
1	025274	ASM,WIRE-- 6GA,BLK,14.0L,RINGS	1
2	025275	ASM,WIRE-- 6GA,RED, 8.0L,RINGS	4
3	025085	ASM,WIRE-- 6GA,BLK,10.2L,RINGS	4
4	026939	BATTERY-- 6V,275AH,WET	6
			6
5	053534	BOX,BATT--32" AUTO'S,MACHINED	1
6	032686	BATTERY SUPPORT FRAME	1
7	051107	LID-SOLUTION TANK	1
8	051449	SOLUTION TANK--'MACHINED'	1
9	048848	LINE STRAINER	1
10	048776	ADPTR,PP-BS--3/4 MPTX.500 BOSS	1
11	004472	WSHR FLT 1.08ID2.060D W/FLAT	1
12	046980	ASM,GASKET--SCREEN	2
13	004330	WSHR FLT 1.05ID1.500D.036T STL	2
14	006114	NUT,HEX LOCK--.750 IPT,CONDUIT	1
16	048654	VALVE-WATER V-75	1
17	003279	NUT,HEX-- 10-24,ZN PLT	11
18	051615	LEVER,WATER--VALVE	1
19	044826	CONNECTOR-WATER VALVE CABLE	1
20	001295	SCR MACH RD HD 10-24X.625L	1
22	032548	ASM,CABLE--WATER	1
24	004253	WSHR LK .204ID.410OD.025T EXT	3
25	006130	ELBOW,PP-HS--3/4 MPTX1/2HS,PLS	1
26	052862	TUBE,VINYL--.500X.750,13.00L	1
30	002210	SCR MACH RD HD 10-24X1.50L	4
31	032542	ASM,ELBOW--INLET-TOP	1
32	048257	GASKET-INLET ELBOW	2

DET	PART NO	DESCRIPTION	REQ
33	046831	GROM--1.31 ID,1.50 MHD,.062 PA	1
34	032543	ELBOW ASM-INLET-BOTTOM	1
35	005297	WSHR LK .200ID.334OD.047TSPLT	5
36	033521	ASM,CHAIN-- BALL LINK 7.37L.	1
37	001327	SCR MACH PAN HD 10-24X.750L	3
38	051448	VAC TANK--'MACHINED',D.DRIVE	1
39	049028	TANK SUPPORT	2
40	048818	GUARD-BRUSH LIFT LEVER	1
41	048817	SUPPORT-TANK	1
42	026725	SWITCH,TILT--MERCURY,20A,115V	1
43	051466	CLAMP,LOOP--.297 CLOSED I.D.	3
44	224074	WSHR SEAL .203ID SS	4
45	051692	PIPE,PVC--.50 IDX.62 ODX6.87 L	1
46	048843	BAR,ALUM,HEX--.500, 3.00 LONG	2
47	002380	SCR TPG F PAN HD 10-B X.625L	2
48	047366	STUD-- 10-24X4.50L STL	2
49	038786	BRUSH,MTR--24 AND 36V DC VAC	2
50	047348	LUG MOTOR MOUNT	2
51	023956	MTR,VAC--36V,BYP,2 STG,PD	1
51	096773	MTR,VAC--24V,BYP,2 STG,PD	1
52	026555	CONN,PLUG--2-WR,LINE CONN,MALE	1
53	046817	LINT FILTER	1
54	049355	GASKET-VAC MOTOR	1
55	048239	VAC POT	1
56	048563	GASKET-VAC POT	1
57	048881	SPACER,RBR--.130X1.00, .187L	2
58	004226	WSHR FLT .234ID1.125OD.036TSTL	2

UPPER CHASSIS
SB-32



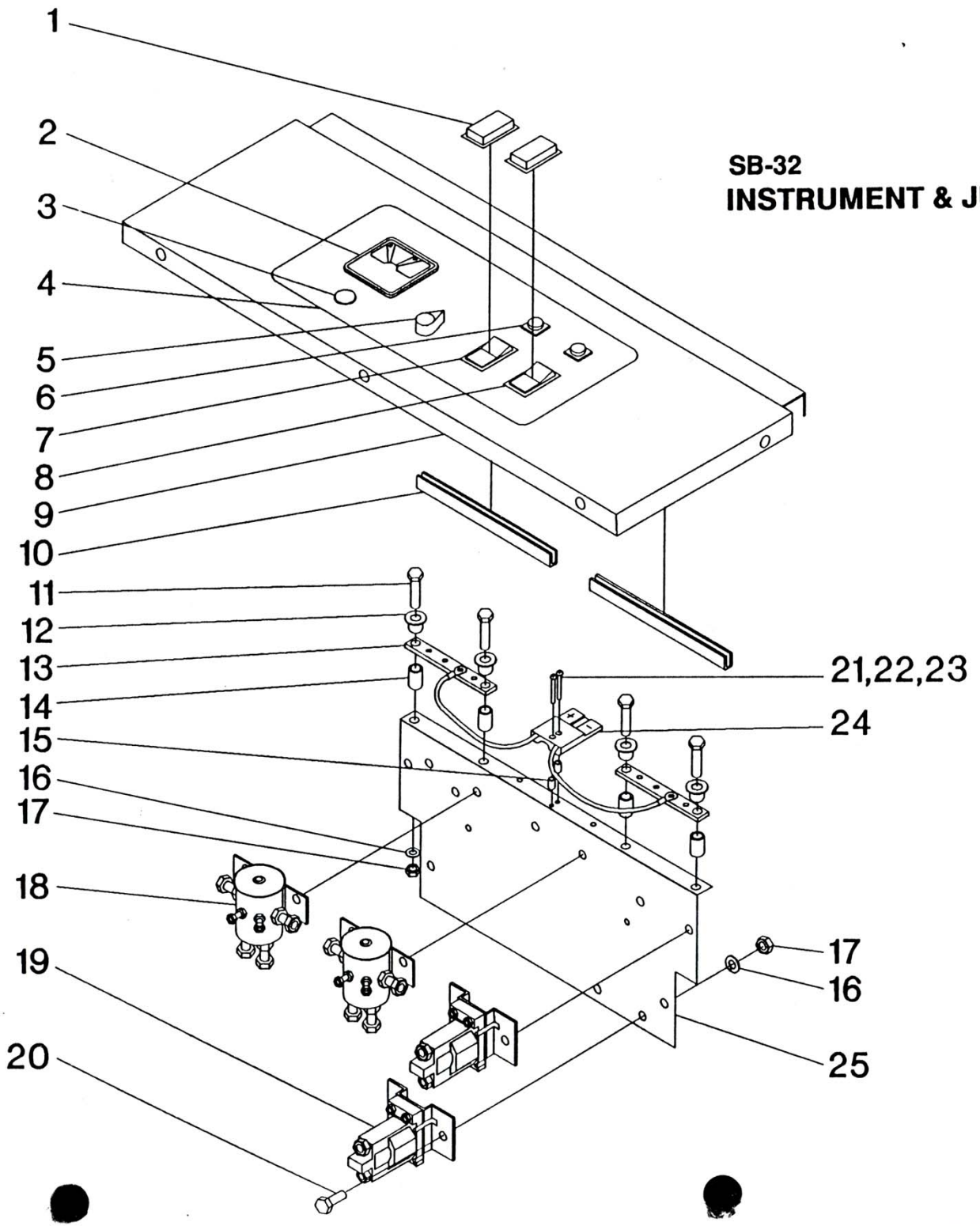
UPPER CHASSIS
SB-32

DET	PART NO	DESCRIPTION	REQ
1	034030	WDMT,CHASSIS--UPPER,32 AUTO	1
2	032580	ASM,BATTERY--SUPPORT	1
3	003274	NUT,HEX-- 6-32,ZN PLT	4
4	004250	WSHR LK .148ID.250OD.031TSPLT	4
5	004200	WSHR FLT .156ID.375OD.065T BRS	2
6	051645	PLATE,MOUNTING--SWITCH	1
7	026515	SWITCH,PUSH--SPDT,21A,240V	1
8	005261	SCR MACH RD HD 6-32X1.25L	2
9	001244	SCR MACH RD HD 6-32X.750L	2
10	046648	SPRING,COMP .344D .687L .032WD	1
11	004249	WSHR LK .150ID.320OD.022T EXT	2
12	005462	SCR CAP HEX HD .312-18X1.75L	3
13	004212	WSHR LK .326ID.586OD.078TSPLT	11
14	002278	WSHR LK .262ID.489OD.062TSPLT	3
15	048140	WSHR NEOPRENE .250X2.25X.187T	1
16	048097	WSHR FLT .328ID2.270D.120T STL	1
17	048047	DRAIN CLAMP	1
18	002343	SCR TPG F PAN HD .250-20X.500L	4
19	003349	NUT,HEX--.312-18,ZN PLT	8
20	005284	WSHR FLT .344ID.687OD.080T STL	2
21	004374	WSHR FLT .406ID1.750D.060T STL	1
22	003283	NUT,HEX--.250-20,ZN PLT	3
23	004383	PIN,CLEVIS--.375X .625 LONG	1
24	005320	WSHR FLT .406ID.750OD.060T STL	1
25	004298	PIN,COTTER--.125X .750 LONG	1
26	048771	CABLE,STL--.125DIA,37.50L	1
27	048174	PULLEY,CABLE--2.500D,.378 BORE	2
28	048176	GUARD-PULLEY	3
29	048177	SPACER,STL--.253X.374, .530L,Z	3
30	005433	WSHR FLT .281ID.750OD.120T STL	1
31	048178	WEAR STRIP-CABLE 98256	1

DET	PART NO	DESCRIPTION	REQ
32	002269	SCR CAP HEX HD .250-20X1.25L	3
33	003368	NUT,HEX LOCK--.375-16,ZN PLT	2
34	005483	WSHR FLT .438ID1.000D.104T STL	4
35	048206	SPRING,COMP .600D 1.00L .072WD	2
36	053300	PULLEY,CABLE--1.62 OD,.375 ID	1
37	003268	SCR CAP HEX HD .375-16X3.00L	2
38	053305	WIRE ROPE--.125 DIA. X 32.75L	1
39	005480	NUT,HEX LOCK-- 10-24,NYLOC	1
40	E49039A	WSHR FLT .203ID.750OD.048T SS	2
41	046425	SPACER,PHEN--.250X.437, .250L	1
42	001327	SCR MACH PAN HD 10-24X.750L	1
43	032489	ASM,VALVE--DUMP	2
44	048783	HOSE,RBR,FLEX--4.37-7.50L	2
45	049999	CLAMP,HOSE--2.25 MAX DIA,WORM	2
46	005595	NUT,SPEED,U--.250-20	14
47	003293	NUT,HEX--.375-16,ZN PLT	2
48	004214	WSHR LK .390ID.683OD.094TSPLT	2
49	051391	BRACKET,ANGLE--FRONT PANEL MTG	2
50	003436	NUT,SPEED,J--.250-20,.75X1.08	2
51	003228	SCR CAP HEX HD .375-16X.875L	2
52	053183	CASTING,MACH--RS97369,BLOCK	2
53	047714	SPACER,STL--.500X.750, .187L	2
54	002339	SCR CAP HEX HD .312-18X5.00L	4
55	003243	SCR CAP HEX HD .312-18X.625L	3
56	051552	ANGLE,STL--1.25X1.25X24.00L	1
57	048248	BRACKET-CABLE CLAMP	1
58	034095	WDMT,LIFT--BRUSH HEAD 32"AUTO	1
59	033487	ASM,CONNECTING BAR--BRUSH LIFT	1
60	050025	BAR-CASTER SUPPORT 26&32 AUTO	2
61	005423	SCR CAP HEX HD .250-20X2.00L	2
62	044112	CLAMP,HOSE--2.50 MAX DIA,WORM	2
63	004297	PIN,COTTER--.094X .750 LONG	2

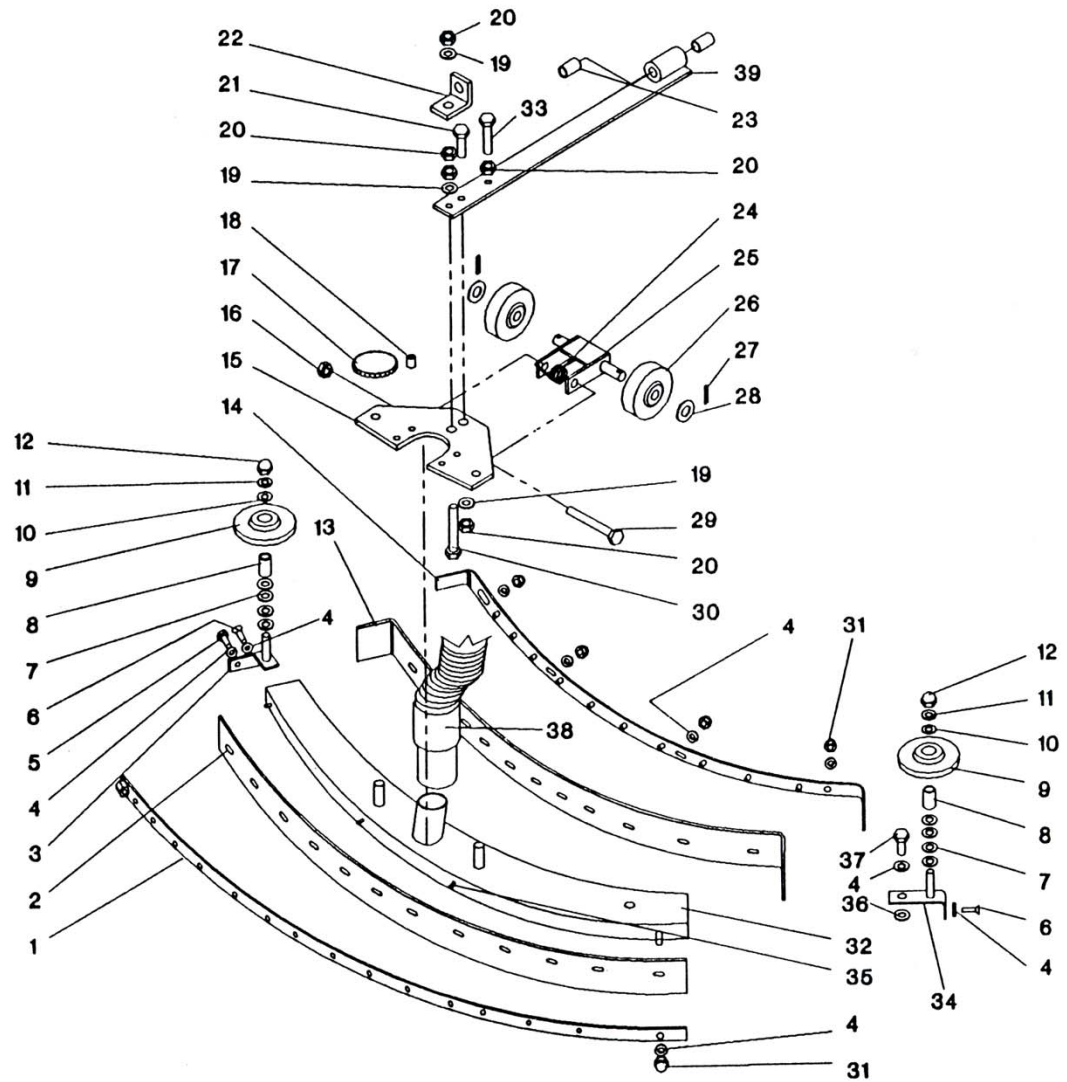
DET	PART NO	DESCRIPTION	REQ
1	032746	ASM,COVER--	1
2	048071	HANDLE,STL	1
3	051548	PANEL,INSTRUMENT--32IN AUTO	1
4	050072	PANEL OUTER COVER-LEFT	1
5	048681	PANEL-LEFT-LOWER	1
6	048512	RING,RTNG--EXT,.250 SHAFT,5133	2
7	053691	RD,STL--.250DIA,14.12L,GROOVED	1
8	053136	CAM,CONTROL--REVERSE SWITCH	1
9	001276	SCR SET CUP PT 10-24X.250L	2
10	053137	CAM,CONTROL--BRAKE SWITCH	1
11	048788	PLATE,HANDLE LOCK	1
12	048789	PLATE-HANDLE LOCK BOTTOM	1
13	003369	NUT,HEX JAM--.625-11,ZN PLT	2
14	050979	WSHR FLT .625ID1.250D.120T STL	2
15	005453	PIN,ROLL--.187 DIA,1.000L	2
16	026886	SWITCH,PUSH--SPDT,20A,125-250V	2
17	051416	BAR,HANDLE-LEFT,26&32 AUTO	1
18	032958	ASM,HANDLE--BRUSH,26&32 AUTO	1
19	004351	RING,RTNG--EXT,.500 SHAFT, "E"	1
20	033427	ASM,SQUEEZE HANDLE--26&32 AUTO	1
21	049965	HANDLE-TRACTION BAR	1
22	005450	PIN,ROLL--.187 DIA, .880L	1
23	005480	NUT,HEX LOCK-- 10-24,NYLOC	15
24	051415	BAR,HANDLE-RIGHT,26&32 AUTO	1
25	005457	SCR MACH PAN HD 10-24X1.00L	1
26	034139	WDMT,HANDLE--26&32 AUTO,CHROME	1
27	005474	PIN,ROLL--.187 DIA,1.375L	2
28	047418	HANDLE-GRIP	2
29	032492	ASM,HANDLE--SQUEEGEE	1
30	005478	SCR MACH RD HD .250-20X.500L	8
31	052682	PANEL,REAR--SS,32IN AUTO	1
32	003436	NUT,SPEED,J--.250-20,.75X1.08	5
33	004361	PIN,CLEVIS--.375X1.000 LONG	1
34	032544	ASM,LOCK--SQUEEGEE	1
35	053296	ROD,STL--.312 DIA., 6.00 LONG	1
36	053321	SPRING,COMP--.480D,2.75L,.059W	2
37	048987	COLLAR-CENTERING SPRING	2
38	027224	BRG,FLANGE--.250IDX.375ODX.37W	2
39	034142	WDMT,CLUTCH ACTUATOR--W/C'BORE	1
40	001489	SCR MACH RD HD 6-32X1.75L	2
41	005479	NUT,HEX LOCK--.250-20,NYLOC,ZN	1
42	046425	SPACER,PHEN--.250X.437, .250L	1
43	053297	BAR,STL--.188X.50X8.125L	1

DET	PART NO	DESCRIPTION	REQ
44	004297	PIN,COTTER--.094X .750 LONG	2
45	034011	WDMT,BRACKET--CABLE,ACTUATOR	1
46	005213	WSHR FLT .281ID.562OD.063T STL	2
47	002278	WSHR LK .262ID.489OD.062TSPLT	2
48	002243	SCR CAP HEX HD .250-20X.625L	2
49	048683	WEAR STRIP-SIDE PANEL REAR	2
50	048506	COVER-BATTERIES	1
51	005456	SCR MACH PAN HD 10-24X.500L	16
52	048682	WEAR STRIP-SIDE PANEL FRONT	2
53	003279	NUT,HEX-- 10-24,ZN PLT	9
54	005297	WSHR LK .200ID.334OD.047TSPLT	5
55	004253	WSHR LK .204ID.410OD.025T EXT	4
56	049845	SOUND RETAINER - VAC FAN	1
57	034096	WDMT,COVER--MOTOR DRIP	1
58	048684	WEAR STRIP-UPPER FRONT PANEL	1
59	049286	GROM--.437 ID,.562 MHD,.062 PA	1
60	052597	PANEL,UPPER FRONT--S.STEEL,321	1
61	005316	SCR TPG F PAN HD 10-24X.375L	10
62	052658	HINGE,BUTT--1.25X24.50 LONG	1
62	053944	GASKET,FOAM--.125X.500X22.50L	2
63	052598	PANEL,LOWER FRONT--SS,32 AUTO	1
64	047484	KNOB	2
65	005415	SCR MACH FLAT HD .375-16X2.00L	1
66	033383	ASM,COVER--BRUSH,32''AUTOS	1
66	051695	COVER,BRUSH--MACHINED,32 AUTO	1
67	111639	WHEEL--4.00DIA,.505BORE,1.12HB	1
68	048945	SPACER,STL--.384X.500,1.000L,Z	1
69	051276	WDMT,BAR,BUMPER WHEEL CLAMP	1
70	051275	WDMT,BUMPER WHEEL MTG -- AUTOS	1
71	002278	WSHR LK .262ID.489OD.062TSPLT	2
72	003283	NUT,HEX--.250-20,ZN PLT	2
73	052006	STR,STL--.062X.437X1.50 LONG	10
74	052007	CHNL,PLSTC--.750X.281X 46.00 L	1
74	052008	CHNL,PLSTC--.750X.281X 14.00 L	1
75	002390	SCR TPG F PAN HD 8-10X.562L	10
76	051742	GUARD,SPLASH--.12X4.00X74.62L.	1
77	050073	PANEL-OUTER COVER-RIGHT	1
78	002252	SCR MACH FLAT HD .250-20X.750L	8
79	048078	BAR,SPACER--27 LONG	2
80	048680	PANEL-RIGHT-LOWER	1
81	001486	SCR MACH BTN HD .500-13X2.50L	2
82	004331	WSHR FLT .500ID1.500D.125T NYL	2
83	052771	SPACER,STL--.506X.750,1.500L,Z	2



SB-32
INSTRUMENT & JUNCTION PANEL ASSEMBLIES

DET	PART NO	DESCRIPTION	REQ
1	048653	SWITCH PROTECTOR	2
2	026503	VOLTMETER	1
3	046156	BUTTON PLUG	1
4	048532	LABEL,INSTR--OPN,AUTO CONT	1
5	046008	KNOB-WATER CONTROL	1
6	026507	LIGHT,INDICATOR--RED,36VDC	2
7	026469	SWITCH,RKR--SPST,10A,250V,3/4H	1
8	026466	SWITCH,RKR--SPST,10A,250V,3/4H	1
9	051548	PANEL,INSTRUMENT--32IN AUTO	1
10	047925	U-CHNL,PLSTC--RS 98251, 7.62 L	2
11	002267	SCR CAP HEX HD .250-20X1.50L	4
12	004369	WSHR SHLDR.250ID.562OD.120T,NY	4
13	048269	BAR,STL--.187X.750X 4.00 LONG	2
14	048268	SPACER,PLSTC--.500X.625, .500L	4
15	046425	SPACER,PHEN--.250X.437, .250L	2
16	002278	WSHR LK .262ID.489OD.062TSPLT	12
17	003283	NUT,HEX--.250-20,ZN PLT	12
18	026713	SOLENOID,DOUBLE THROW--SWITCH	2
19	026504	SOLENOID--SWITCH,SPNO,36VDC	2
20	002237	SCR CAP HEX HD .250-20X.500L	8
21	005261	SCR MACH RD HD 6-32X1.25L	2
22	004250	WSHR LK .148ID.250OD.031TSPLT	4
23	003274	NUT,HEX-- 6-32,ZN PLT	4
24	026573	CHARGER PLUG	1
25	048270	PANEL,JUNCTION--AUTOMATICS	1

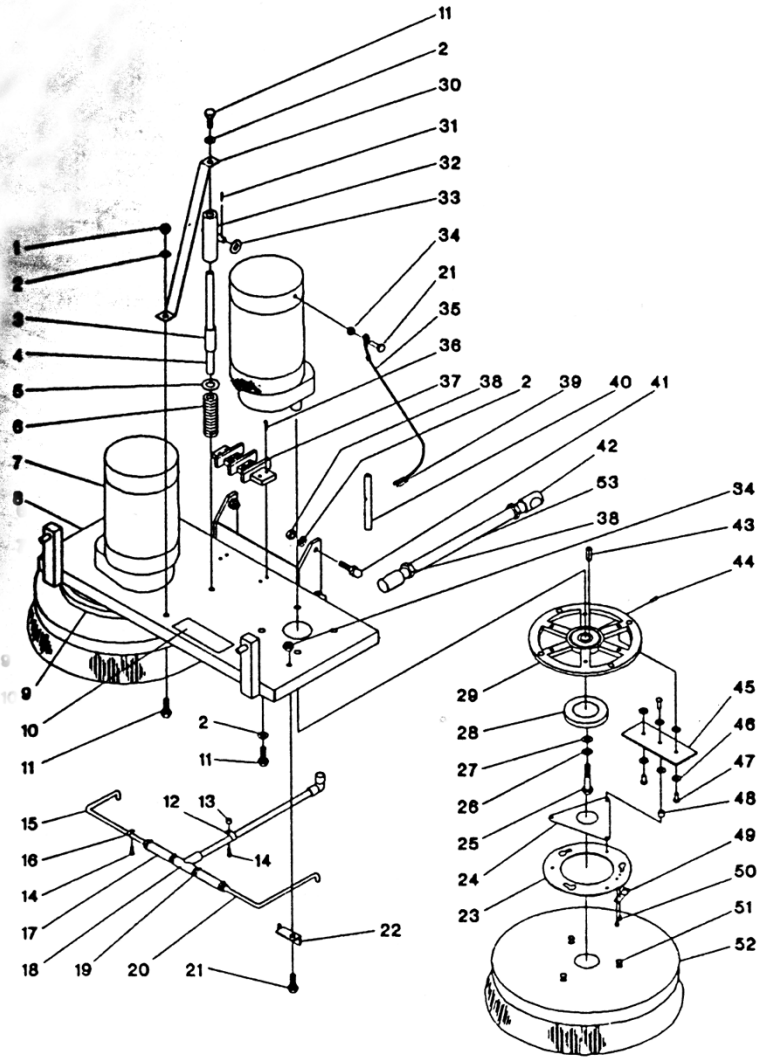


SB-32

SQUEEGEE ASSEMBLY

DET	PART NO	DESCRIPTION	REQ
1	034177	WDMT,CLAMP--SQUEEGEE,REAR,32	1
2	053778	RUBBER,SQUEEGEE--REAR,32 AUTO	1
3	034169	WDMT,BRACKET--SQUEEGEE WHEEL	1
4	004254	WSHR LK .267ID.510OD.028T EXT	11
5	005552	SCR CAP HEX HD .250-20X1.00L	1
6	002240	SCR MACH FLAT HD .250-20X.500L	2
7	004505	WSHR FLT .344ID.750OD.062T SS	4
8	053699	SPACER,STL--.312X.437,.43L	2
9	053720	WHEEL--4.00DIA,.438BORE,.688HB	2
10	004217	WSHR FLT .344ID.625OD.071T STL	2
11	004212	WSHR LK .326ID.586OD.078TSPLT	2
12	005232	NUT,ACORN--.312-18,CHROME	2
13	053777	RUBBER,SQUEEGEE--FRONT,32 AUTO	1
14	034176	WDMT,CLAMP--SQUEEGEE,FRONT,32	1
15	034171	WDMT,PLATE--SQUEEGEE	1
16	003368	NUT,HEX LOCK--.375-16,ZN PLT	1
17	047484	KNOB	2
18	002438	SCR SET CUP PT .375-16X.500L	4
19	004214	WSHR LK .390ID.683OD.094TSPLT	3
20	003294	NUT,HEX JAM--.375-16,ZN PLT	5
21	003262	SCR CAP HEX HD .375-16X1.00L	1
22	049009	BRACKET-SQUEEGEE LIFT	1
23	027171	BRG,SLV-- .500ID, .625OD,.750W	4
24	E36649	SPRING,TRSN .791D 1.09L .106WD	1
25	034172	WDMT,BRACKET--SQUEEGEE WHEEL	1
26	049261	WHEEL--3.00DIA,.380BORE,.875HB	2
27	005383	PIN,COTTER--.094X1.000 LONG	2
28	004223	WSHR FLT .406ID.625OD.036T STL	2
29	003267	SCR CAP HEX HD .375-16X2.75L	1
30	002445	SCR CAP HEX HD .375-16-2.50L	1
31	S50472	NUT,ACORN--.250-20,NI PLT,HC	7
32	053773	CASTING,SQUEEGEE--32" AUTO	1
33	222620	PIN,ROLL--.250 DIA, .875L	3
34	034168	WDMT,BRACKET--SQUEEGEE WHEEL	1
35	222620	PIN,ROLL--.250 DIA, .875L	3
36	005373	WSHR FLT .281ID.625OD.062T STL	1
37	223218	SCR CAP HEX HD .250-20X.625L	1
38	033530	ASM,HOSE--VACUUM,GREY, 5'	1
39	034170	ASM,SQUEEGEE BAR--W/WHEELS	1
39	034174	WDMT,SQUEEGEE BAR--PIVOT TUBE	1

SB-32
BRUSH HEAD ASSEMBLY



DET	PART NO	DESCRIPTION	REQ
1	003293	NUT,HEX--.375-16,ZN PLT	1
2	004214	WSHR LK .390ID.683OD.094TSPLT	10
3	053791	SPACER,STL--.657X.875, 2.50L	1
4	051485	SHAFT,SUPPORT--BRUSH HEAD	1
5	050979	WSHR FLT .625ID1.250O.120T STL	3
6	053774	SPRING,COMP 1.09O 4.00L .135WD	1
7	024327	ASM,MTR&GEAR UNIT--.75HP,5.4:1	2
7	038908	BRUSH,MTR--FOR 24327 LEROY SMR	4
8	033419	WDMT,BRUSH HEAD--32''AUTO	1
9	033996	ASM,HUB--BRUSH DRIVE,RIGHT	1
10	051549	LABEL,INSTR--WRN,AUTO	1
11	003262	SCR CAP HEX HD .375-16X1.00L	10
12	051474	CLAMP,LOOP--.609 CLOSED I.D.	1
13	046425	SPACER,PHEN--.250X.437, .250L	1
14	001331	SCR TPG C PAN HD 10-24X.750L	3
15	053261	TUBE,FORMED--AUTO,SOLN,RIGHT	1
16	051466	CLAMP,LOOP--.297 CLOSED I.D.	2
17	053262	TUBE,VINYL--.500X.750, 3.25L	2
18	033993	ASM,TUBE--SOLN,CNTR FEED,32"	1
19	047834	CLAMP,HOSE--.875 MAX DIA,WORM	4
20	053260	TUBE,FORMED--AUTO,SOLN,LEFT	1
21	002237	SCR CAP HEX HD .250-20X.500L	4
22	053277	BRACKET,SOLN TUBE--.75X.75X1.8	2
23	032231	ASM,DRIVE--BRUSH,RIGHT	1
23	032232	ASM,DRIVE--BRUSH,LEFT RING	1
23	046740	RING-BRUSH DRIVE	2
24	048414	PLATE-BRUSH RING SUPPORT	2
25	001494	SCR CAP HEX HD .312-18X2.00L	2
26	005358	WSHR LK--.326ID.586OD.078T SPL	2
27	004509	WSHR FLT .344ID1.000O.109T,BRS	2
28	046764	BRUSH SUPPORT	2
29	033995	ASM,HUB--BRUSH DRIVE,LEFT	1
29	053221	CASTING--BRUSH DRIVE W/CENTER	2
30	051405	BRACE,SUPPORT--BRUSH HEAD	1
31	004297	PIN,COTTER--.094X .750 LONG	2
32	032614	ASM,YOKE--BRUSH LIFT	1
33	004238	WSHR FLT .531ID1.000O.071T STL	2
34	003363	NUT,HEX LOCK--.250-20,ZN PLT	4
35	053793	WIRE ROPE--.062 DIA X 10.50L	2
36	005482	SCR TPG F PAN HD 10-24X.875L	4
37	026922	BLOCK,TERMINAL--2 POLE,70 AMPS	1
38	003359	NUT,HEX--.375-24,ZN PLT	12
39	004352	PIN,LOCK--.125 DIA WIRE	2
40	051486	PIN,ALUM.--.375'' BRUSH LOCK'G	2
41	048953	BALL JOINT	4
42	049473	BALL JOINT BODY	8
43	044656	KEY,SQUARE--.250 SQ,2.500 LONG	2
44	003434	SCR SET CUP PT 10-24X.50SS	2
45	049631	STRAP-BRUSH RING	6
46	004513	WSHR FLT .281 ID.875OD.036T ZN	36
47	004326	RIVET,TUBE--.250 DIA, .719L	18
48	046425	SPACER,PHEN--.250X.437, .250L	6
49	046898	SPRING-RETAINING	2
50	004328	RIVET,TUBE--.141 DIA, .281L	4
51	046746	BRUSH LUG	6
52	020266	BRUSH,FLAT--17.00D,BASSINE,WD	2
53	033809	ASM,ARM--GUIDE 26&32 BRUSH HD	4
53	052683	ROD STL--THR.,.375-24X4.18L	4