



Electronic Service Manuals

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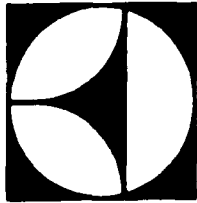
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Serving the Cleaning Industry Since 1922

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KENT

MODEL KA-260B
26" BATTERY AUTOMATIC
AND

MODEL KA-320B
32" BATTERY AUTOMATIC



**OPERATING,
MAINTENANCE
INSTRUCTIONS &
ILLUSTRATED
PARTS LIST**

THE KENT COMPANY

2310 INDUSTRIAL PARKWAY
ELKHART, INDIANA 46514

June, 1977

INTRODUCTION

Your automatic has been especially engineered and manufactured to give the maximum in performance in a total 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 price, color, materials, equipment, specifications and models.

For your convenience, record machine model and serial number here:

MODEL _____

SERIAL _____

FAMILIARIZATION AND OPERATION

CONTROL PANEL

Standing at the rear of the machine, the controls from left to right are

MODEL KA — 320B

1. Brush actuator switch.
2. Strip actuator switch.
3. Battery dial. The needle must be within the GREEN area for efficient operation.
4. Solution flow control knob.
5. Main drive "ON-OFF" switch with red indicator light.
6. "ON-OFF" switch for vacuum motor. Amber light indicated a full recovery tank.

MODEL KA — 260B

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2. Solution flow control knob.
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4. "ON-OFF" switch for vacuum motor. Amber light indicates a full recovery tank.

BRUSH DRIVE KLIX-ON OVERLOAD

On the rear panel directly beneath the traction control handles is a red Klux-On overload switch. If the brush drive motor becomes overheated, the Klux-On terminal overload will shut the motor off until the motor has cooled. If the brush drive motor will not turn on during operation, check to see if the Klux-On has popped out. If so, wait for the brush drive to cool, push the Klux-On switch in, and continue operating the machine.

TRACTION OPERATION

The forward motion of the machine is controlled by squeezing the control rod lightly for creeping motion, firmly for full speed.

For turns; squeeze the right side of the control and the machine will turn forward to the left. Squeeze the left side of the control rod for right turns.

The reverse motion of the machine is controlled by pushing the control rod backwards, again lightly for creeping motion, firmly for full reverse speed.

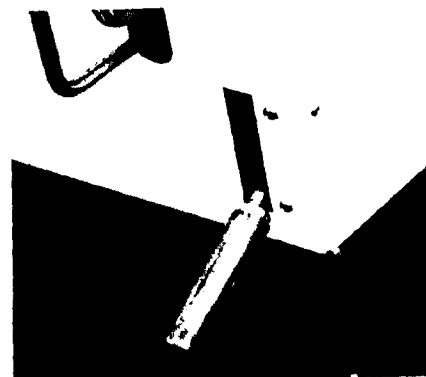
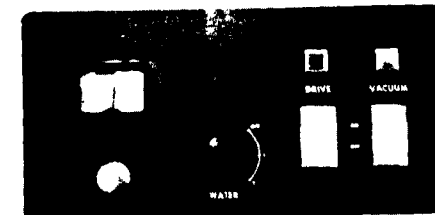
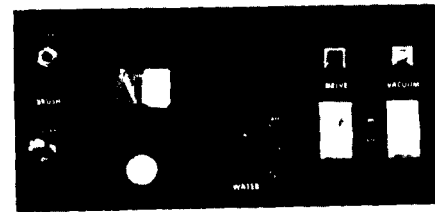
For reverse turns; push the left side of the control and the machine will back up to the right. Push the right side of the control rod for reverse right turns.

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.

To operate the squeegee:

1. Push the vacuum switch "ON"
2. Push the squeegee handle down to lower the squeegee. This KENT automatic is equipped with a squeegee which is capable of swinging nine inches (9") 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

MODEL KA — 320B

To start and lower brushes:

1. Push the drive switch "ON".
2. Push the brush actuator forward to start and lower the brushes.
3. For heavy stripping operations:
 - a. Hold the brush actuator switch forward and
 - b. Depress the strip button momentarily.

To raise and turn brushes off, pull the brush actuator switch to "UP" until brushes turn off.

MODEL KA — 260B

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

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

Each brush has 3 lugs located around a hole.

To install brushes:

1. Raise the brush mechanism to full up position.
2. There are two thumb screws at the front of the machine. Loosen both screws and slide off the aluminum brush cover.
3. Under each brush drive pulley is a slotted brush drive plate.
4. Place the 3 lugs on brush into the 3 slotted holes in the drive plate.
5. Raise and rotate each brush with a sharp jerk toward the side of the machine. This will lock the brush lugs onto the drive plate.

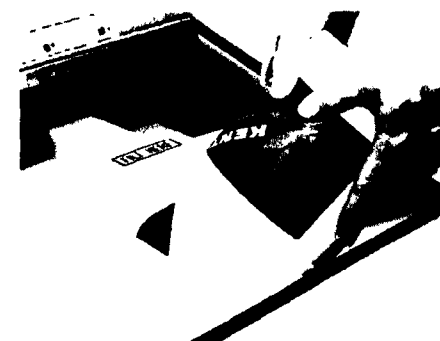
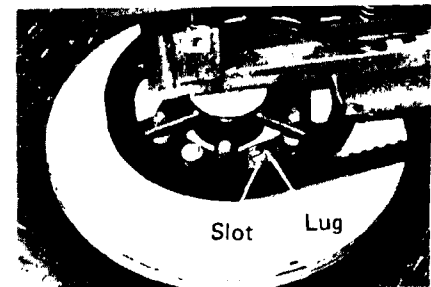
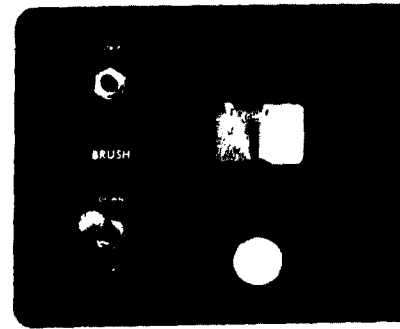
SOLUTION TANKS

Raise the lid at the front of the machine

The fresh solution and the recovery tanks are mounted side by side in the machine. The right hand tank is the fresh solution tank and is marked "FILL HERE". The left is the recovery tank with built in automatic float shut-off.

The recovery tank can be quickly converted for dry use by inserting a cloth bag (Part # 47068) over the tank inlet tube inside the recovery tank. For dry operation.

- a. Replace the wet squeegee with a dry felt squeegee (KA-320B #32571 KA-260B #32637)
- b. Add the KENT MICROSTAT FILTER (Part #46849). See "MICRO-STAT FILTER INSTALLATION".
- c. Change brushes to polish type (KA-320B#20272 — KA-260B #20275)
- d. Install the filter bag (Part #47068) on the tank inlet tube in the recovery tank.



VACUUM MOTOR

The vacuum motor is located in the vac well of the recovery tank. It can be inspected by

1. Disconnecting the vacuum motor plug
2. Removing the 2 vacuum motor tie down screws.
3. Lift the vacuum motor off the 2 studs.
4. Remove the motor filter and clean the foam material.



MICROSTAT FILTER

(Optional) Package of 12 (Part # 38303)

Installation.

1. Remove the vacuum motor as in steps 1, 2 and 3 in instructions under Vacuum Motor.
2. Place the Microstat Filter into the vacuum motor pot (Fig C, Ref. 33). Be sure to cover the entire gasket that is on the bottom of the pot. Replace and secure the vacuum motor.

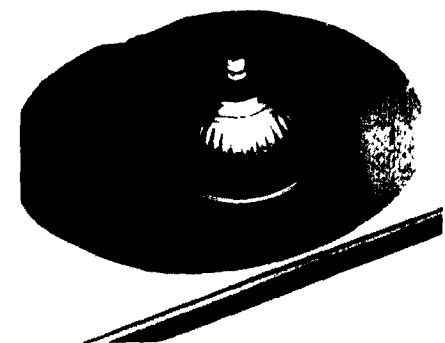
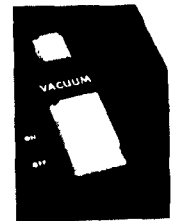


WET FLOAT SHUT-OFF AND INDICATOR LIGHT

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 AMBER vacuum light. When the amber 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 by soil.



INSTRUCTIONS IN USE OF YOUR KENT AUTOMATIC

SEQUENCE OF SCRUBBING OPERATIONS

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

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

1. Press the drive rocker switch to the "ON" position
2. Lower the brushes to the desired position, brush drive motor automatically turns "ON".
3. Turn water knob to desired flow rate.
4. Turn the vacuum switch "ON".
5. Lower the squeegee.
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.

KENT automatics can be easily controlled and maneuvered with one hand leaving the other hand free to manipulate the water flow. **THIS FEATURE PLUS THE KENT SWING SQUEEGEE WILL REDUCE CLEAN UP TIME FOLLOWING THE SCRUBBING OPERATION.**

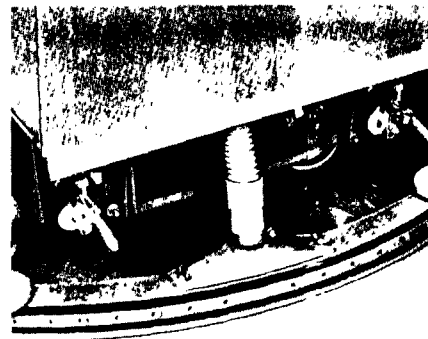
This machine is equipped with an automatic shut-off device which will cease the operation of the pick-up tube when the recovery tank is full. You will note this condition when the amber vacuum light is on. When this condition occurs, the squeegee and brushes should be raised from the floor with the vac motor shut off and the machine driven to a suitable area for dumping of dirty water.

TO DUMP SOLUTION:

1. Raise the front machine lid and remove the vacuum motor pot.
2. Go to the left side of the machine, reach **DOWN TO THE LEFT DUMP VALVE** (red handle) and pull up.

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

The right dump valve is for releasing the clean solution.



DUMP HOSE KIT

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



PLEASE READ AND FOLLOW THE DAILY, WEEKLY, AND MONTHLY MAINTENANCE SCHEDULE LOCATED ON THE UNDERSIDE OF THE LID OVER THE SOLUTION AND RECOVERY TANKS.

MACHINE CARE

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.

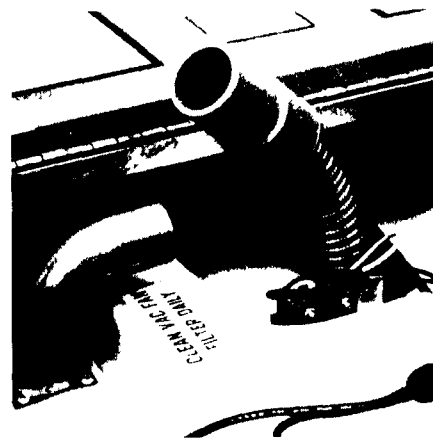
1. Open the access to the recovery tank and completely rinse with clean water. If this is done at the end of each day, there will be no soil build-up to the surface of the polyethylene tank.
2. Clean the fresh water tank using the same procedure as in Number 1 above.
3. Do not store the machine with 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.
5. Remove the brushes from the machine; clean and dry them as necessary and wipe down exterior of the machine.

MAINTENANCE INSTRUCTIONS —

A sound Preventive 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 KENT battery charger.
6. Charge batteries (See instructions on page 9)
7. Check pick-up tube for any obstructions.



WEEKLY:

1. Lubricate chain and check for tension. Fig. A, Ref. 2.
2. Lubricate all linkage and hinge parts. See lubrication chart.
3. Check pick-up tube for any obstructions.
4. Lubricate castor bearings and axle. See lubrication chart.
5. Replace Microstat filter (where applicable).

MONTHLY:

1. Lubricate chain and check for tension. Fig. A, Ref. 2.
2. Lubricate all linkage or hinge pivot parts. See lubrication chart.
3. Check all belts and chains for tension and wear. (See adjustments for primary drive chain, brush belt and final drive chain.)
4. Check sprockets for wear.
5. Check alignment of chain and belts.
6. Check pick-up tube for any obstructions.
7. Check and clean batteries per BATTERY MAINTENANCE.
8. Check all gaskets. Fig. B, Squeegee Cap Gasket, Fig. C, Vacuum Motor Gasket, Vacuum Pot Gasket, Tank Inlet Tube Gaskets (2), and Water Valve Gasket.
9. Check proper clutch adjustments. (See adjustments, Clutch, Page 9).
10. Check traction bar control spacing. (See adjustment, Traction Contrl Bar Page 9).
11. Check all wiring connections for cleanliness.
12. Lubricate castor bearings and axle. (see lubrication chart.)
13. Replace Microstat filter (where applicable).

SIX MONTHS:

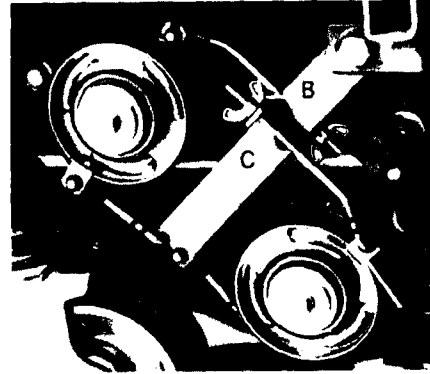
1. Same as Monthly plus:
2. Inspect vacuum motor carbon brushes, replace if worn to 3/8" length or less.
3. Inspect traction motor carbon brushes, replace if worn to 3/8".
4. Inspect brush drive motor carbon brushes, replace if worn to 3/8".

CLUTCH ADJUSTMENT – The Kent Automatic uses four clutches in the traction drive system. Clutch adjustments are needed when

- a) Excessive movement of the control bar is needed to obtain forward or reverse motion
- b) The machine constantly pulls to one side

To adjust clutches

1. All switches are turned “OFF”.
2. Examine all of the clutch linkage (Fig A, Ref 58, 59, 60, 61, 62, 63, 65, 66, 67, 68, 69) for any wear or lost motion. Replace as necessary.
3. Apply a firm pressure at point “A”. This will engage the clutch and remove lost motion. Turn the wing nut “B” until there is 5/16” clearance between the wing nut “B” and the stop “C”. Repeat the same procedures for each of the four clutches.



ADJUSTMENTS

Traction Control Bar Spacing is necessary when the traction control bars are not parallel or more or less than 1-3/4” apart.

To adjust the spacing

1. Loosen both nuts on each of the control rod assemblies (See Fig B)
2. Position the control rods so that they are 1-3/4” apart and parallel.
3. Tighten both nuts at the bottom of the control rod assemblies.



NOTE IF THIS MINOR ADJUSTMENT DOES NOT GIVE SATISFACTORY CONTROL TO THE MACHINE, SPECIAL FIXTURES WILL BE NEEDED TO ATTAIN PROPER ADJUSTMENT ORDER:

- 1 – CLUTCH LINKAGE SPACER (PART # 50292)
- 1 – CENTERING SPRING SPACER (PART # 50293)

To adjust the Control Bar Centering Spring See Fig G and

1. Remove the locking nut “L” and remove the control rod assembly “P”
2. Remove both wing nuts “B”. Loosen the set screw in collar “H” and slide it away from the spring.
3. Loosen the set screw in collar “G” and place the clutch linkage spacer, (Part #50292) in between the clutches, placing the linkage bar “E” in the slot of the linkage spacer.
4. Tighten the set screw in collar “G”. Move collar “H” in, compressing the spring and use the centering spring spacer to hold the spring and collar “H”. Tighten the set screw in collar “H”.
5. Remove the clutch linkage spacer from the clutches and bar “E”. Remove the spring spacer from the collars “G” & “H”. BAR “E” SHOULD REMAIN EXACTLY CENTERED BETWEEN THE CLUTCHES.
6. Replace control rod assembly “P” and adjust nuts “L” and “M” to establish 1-3/4” between the control bars.
7. Replace wing nuts “B” and adjust the clutches (See Clutch Adjustment)

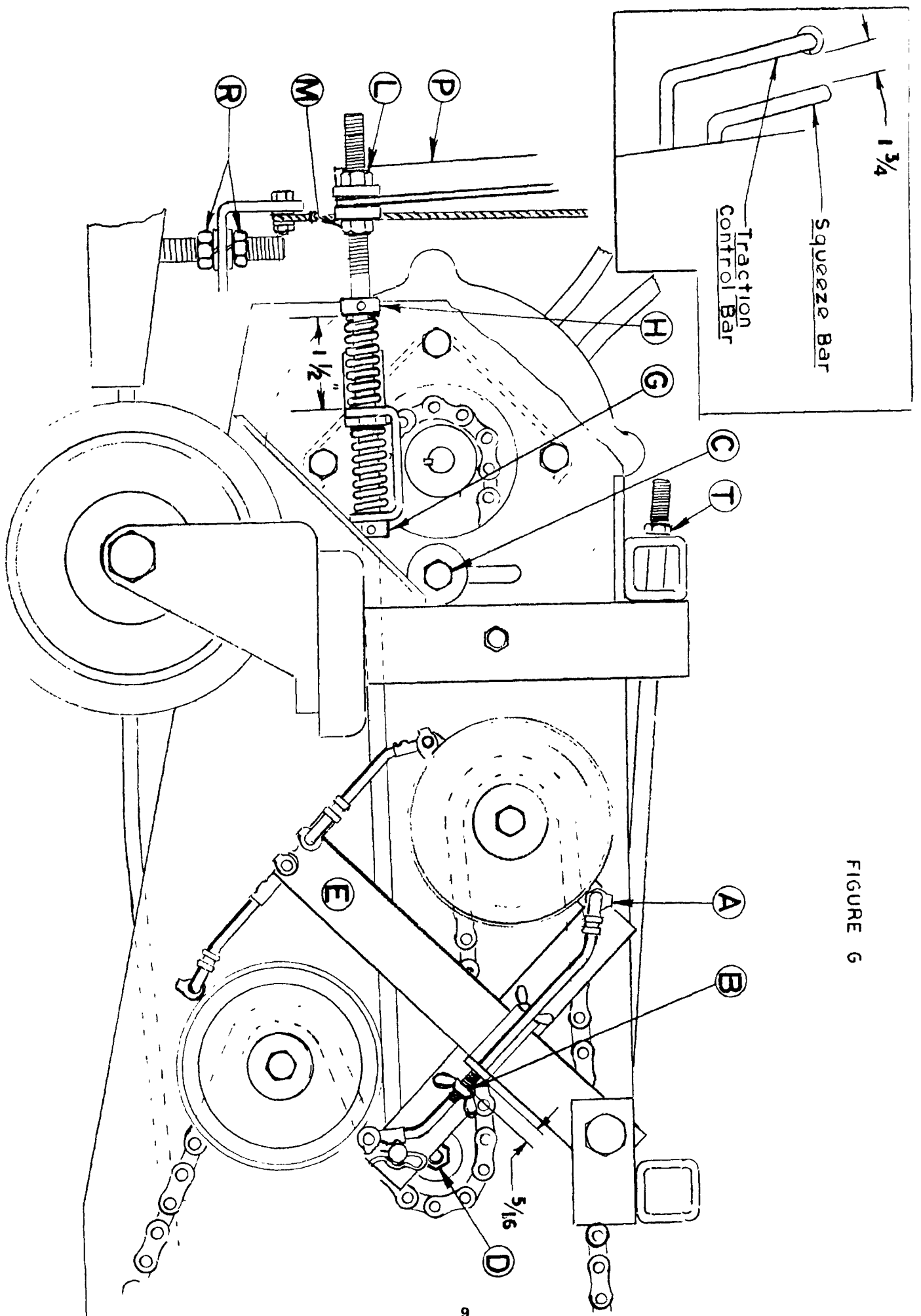


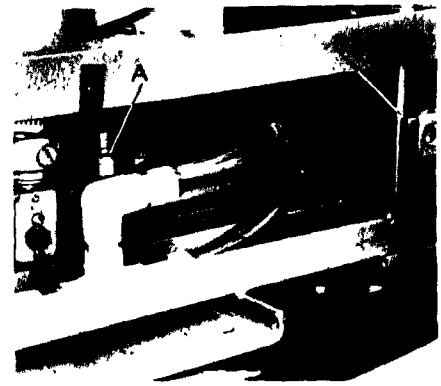
FIGURE 6

BRUSH DRIVE SWITCH ADJUSTMENT is necessary when the brushes fail to shut off in the "UP" position

MODEL KA — 320B

To adjust

- 1 Shut off all switches.
- 2 Remove the aluminum brush cover.
3. You will note that
 - a. When the brush head is up, it is stopped by the two (2) stops "B"
 - b. The switch "A" has not been depressed (shut off)
4. Loosen the clamp that holds the switch.
5. Move the switch down until the button is depressed
6. Tighten the clamp; turn the machine on, and test

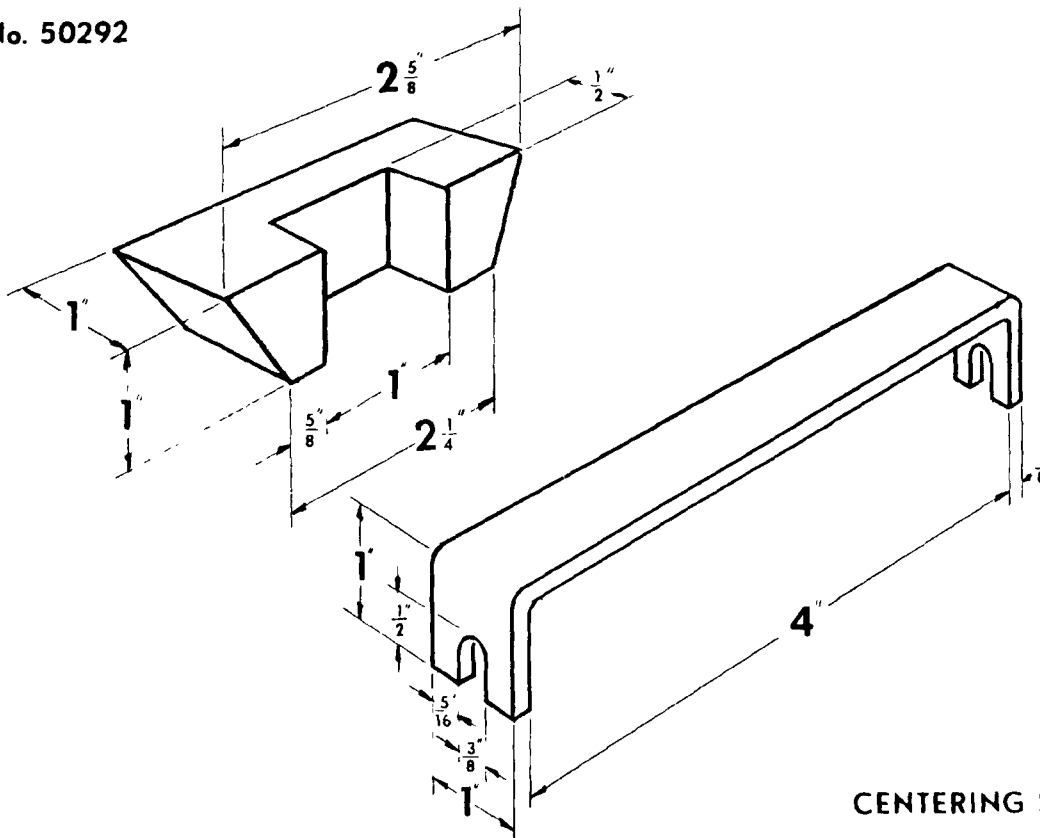


MODEL KA — 260B

To adjust, see Fig B , Ref 5

CLUTCH LINKAGE SPACER

Part No. 50292



CENTERING SPRING SPACER

Part No. 50293

DRIVE CHAIN ADJUSTMENTS

The primary drive chain is 3/8" pitch

The final drive chains (2) are 1/2" pitch

Before any adjustments are made, both the sprockets and chains should be inspected for wear

To adjust the primary drive chain

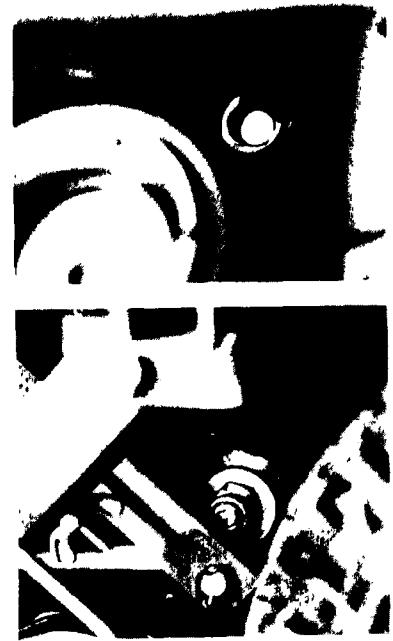
1. Locate the cap screw on the right side of the machine directly behind the rear castor on the wall of the lower chassis
2. Use a 1/2" hex socket. Loosen the self-locking cap screw 1/4 turn. Slide the cap screw up to tighten the chains.
3. Tighten the self-locking cap screw securely.

To adjust the final drive chains

1. Locate the self-locking nut on the sprocket mounted between the clutch linkage and the front tire
2. Use a 9/16" end wrench, loosen self-locking nut 1/4 turn. Slide the nut forward to tighten the chain

NOTE: There are 2 final drive chains, one on each side of the machine

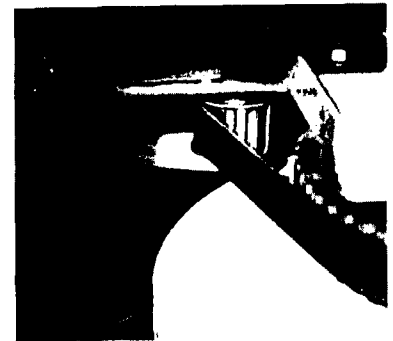
CAUTION: Chains must have some slight slack for quiet and efficient operation. Do not overtighten



BRUSH DRIVE BELT ADJUSTMENT

To adjust the brush belt

1. Remove the aluminum brush cover
2. Go to the left side of the machine and locate the idler pulley that is mounted on the brush frame directly behind the brush
3. Use a 9/16" socket wrench to loosen the nut on top of the angle that holds the idler pulley
4. Move the idler pulley toward the rear of the machine to tighten the belt

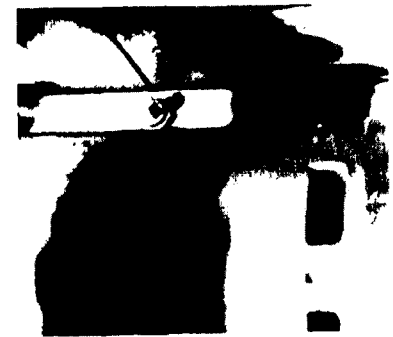


SQUEEGEE PRESSURE ADJUSTMENT

At the rear of the machine, mounted directly above the squeegee, is a nut that secures the squeegee rod

To increase squeegee pressure

1. Use a 1/2" deep socket wrench
2. Turn the nut clockwise to increase squeegee pressure



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

1. Put the squeegee handle in the "UP" position
2. Loosen the bottom jam nut "A" by turning clockwise
3. Turn the top jam nut "A" clockwise until the squeegee is clear of the floor
4. Tighten the bottom jam nut "A" to lock this squeegee position



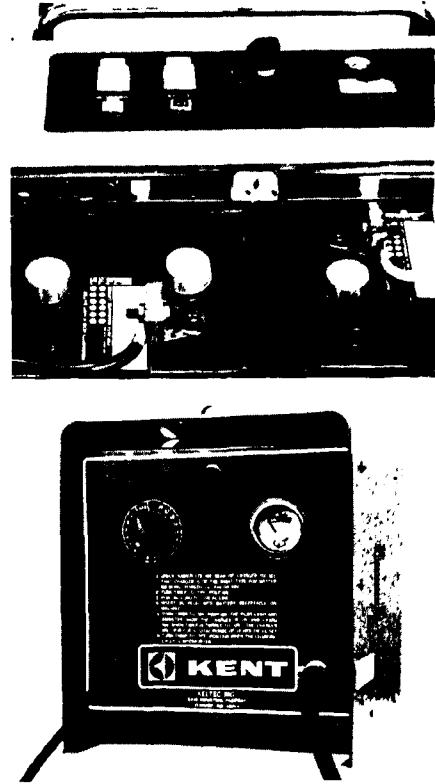
USE OF THE BATTERY CHARGER

The Kent Battery Charger is of the constant current type and will drop and hold a finish rate of 2 to 3 amps until the timer has shut off. The Kent charger is equipped with a Klux-on circuit breaker for protection from short circuit or reverse polarity of the batteries.

To operate the Kent battery charger:

1. Open the battery compartment lid. DO NOT CLOSE THIS LID DURING CHARGING OPERATIONS.
2. Connect the charger plug into the machine plug firmly. The charge plug is mounted in the battery compartment and beneath the control panel.
3. Plug battery charger into a normal electrical outlet and set the timer as desired.

NOTE: Set the Kent Battery Charger on a flat, hard surface to insure cooling air can circulate through the bottom louvers.



WARNING:

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

The KENT 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 full charged.
3. Keep batteries and connection clean. When necessary, clean with baking soda solution and coat terminals with grease after wires have been attached 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 by user.

ADJUSTMENT POLICY: – If a battery becomes unserviceable in normal use after the expiration of the Service Guarantee, but before the expiration of the battery guarantee, it will be repaired or replaced with another battery of a comparable size and type to the original purchaser, on a pro-rated 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 small than that 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

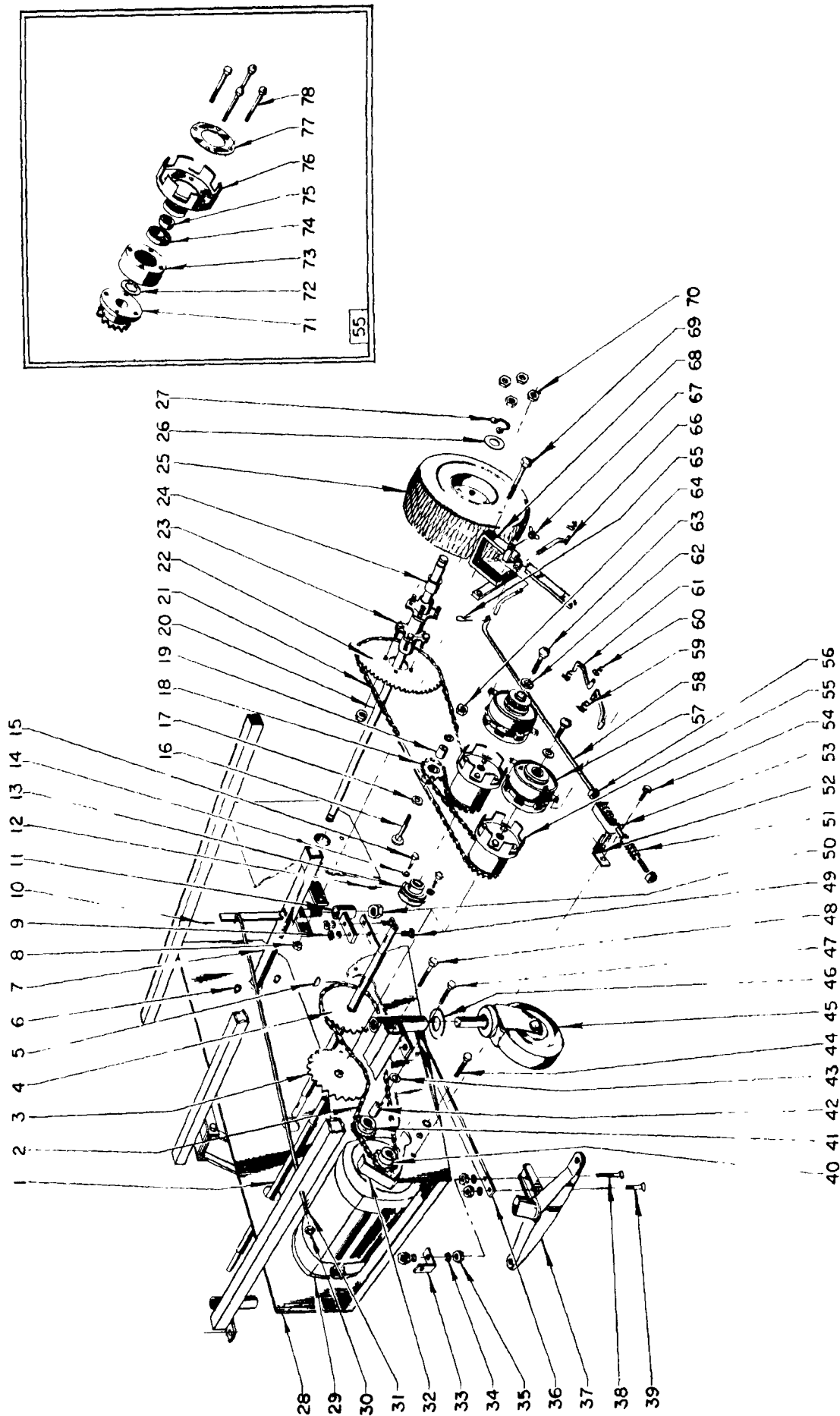
$$\frac{\text{Months Operation}}{\text{Months Guarantee}} \times \frac{\text{Price}}{1} = \text{Exchange Price}$$

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

(Subject to Change Without Notice)

DRAWINGS & PARTS LIST

KA-260B



KA-260B
FIGURE A

26" BATTERY AUTOMATIC

PARTS LIST

FIGURE A

REF. NO.	PART NUMBER	DESCRIPTION	NO. REQ'D
1	48999	Clutch Shaft	1
2	49234	Chain - Primary Drive	1
3	49004	Sprocket - Clutch Shaft - 40 Tooth	1
4	49005	Sprocket - Clutch Shaft - 45 Tooth	1
5	49017	Woodruff Key - #606	6
6	48953	Stud - Ball Joint	4
6	03372	Nut - 3/8-24 Center Lock	4
7	32800	Tube Assembly - Squeegee Adjustment	1
8	03368	Nut - 3/8-16 - Flex Lock	2
9	03349	Nut - 5/16-18 Hex	2
9	04212	Lockwasher - 5/16	2
10	04297	Cotter Pin	1
11	32498	Pivot Assembly - Squeegee	1
12	05225	Set Screw - 10-32 x 1/4	8
13	27196	Bearing - Clutch Shaft	4
14	05241	Washer - 21/64 x 1 x 16 Ga.	8
15	01338	Screw - 5/16-18 x 5/8 Hex Head	10
16	02347	Carriage Bolt	2
17	04318	Washer - 3/8 I.D. x 1-1/16 O.D. x 11 Ga.	2
18	49003	Sprocket - Idler	2
19	48997	Idler Shaft - Final Drive	2
20	48483	Axle	1
21	49019	Chain - Final Drive - #40	2
22	49006	Sprocket - 60 Tooth - 1/2 Pitch - #40 Chain	2
23A	32838	Hub & Sprocket Assembly (Includes No.'s 22, 23, & 70)	2
23	49020	Hub & Bushing Assembly (Includes Ref. No. 24)	2
24	27193	Bushing	4
25	49021	Wheel & Tire Assembly	2
26	04317	Washer - 1" I.D. x 1-1/2 O.D. x 24 Ga.	-
27	48537	Snap Ring	2
28	32756	Lower Chassis Weldment	1
29	23308	Traction Motor	1
29	26642	Carbon Brush - Traction Motor (Service Only)	4
29	26643	Brush Ring Assembly - Traction Motor (Service Only)	1
30	03378	Nut - 5/16-18 Flex Lock	1
31	48169	Rod - Squeegee Adjustment	1

WHEN ORDERING PARTS - Please furnish Part Number, Model & Serial Number

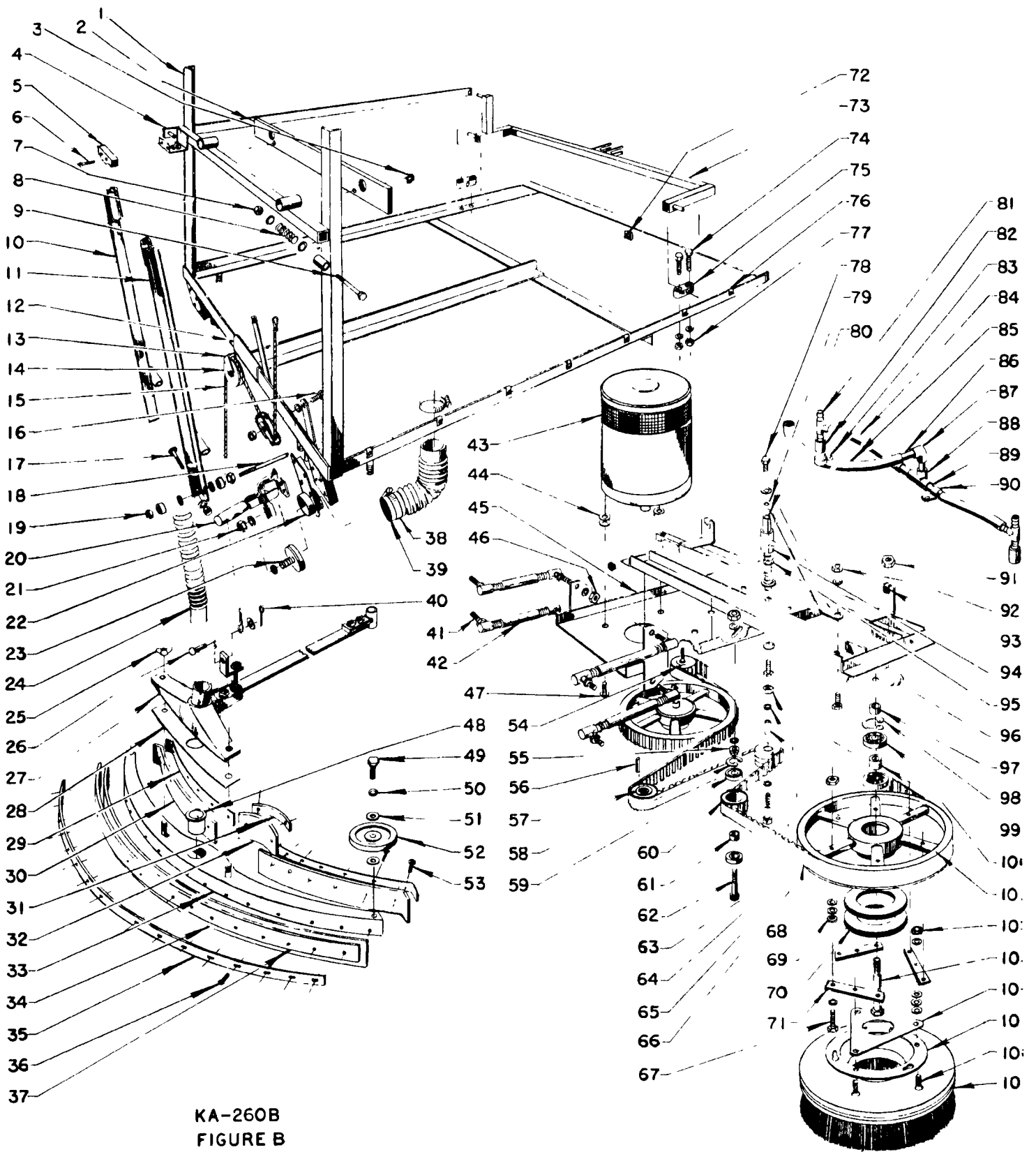
26" BATTERY AUTOMATIC

PARTS LIST

FIGURE A

REF. NO.	PART NUMBER	DESCRIPTION	NO. REQ
32	48996	Spacer Bar - Motor	1
33	49009	Bracket - Squeegee Lift	1
34	04214	Lockwasher - 3/8	4
35	03294	Nut - 3/8-16 Hex Jam	4
36	48534	Spring - Squeegee	1
37	48507	Cap - Squeegee	1
38	02342	Screw - 3/8-16 x 3 Flat Head	1
39	02375	Screw - 3/8-16 x 1-1/4 Flat Head	1
40	49233	Sprocket - Motor - 15 Tooth	1
41	48545	Sprocket - Idler - 13 Tooth	1
42	48998	Idler Shaft	1
43	04346	Washer - 5/16 x 1-1/4 x 11 Ga.	5
44	03251	Screw - 5/16-18 x 1-3/4	3
44	04212	Lockwasher - 5/16 - Medium Spring	3
45	49940	Caster Assembly	3
46	04380	Washer - 1" I.D. x 1-7/8 O.D. x 12 Ga.	2
47	02346	Screw - 5/16-18 x 1" - Hex Head Nyloc	1
48	02273	Screw - 1/4-20 x 1-3/4 Hex Head	2
48	02278	Lockwasher - 1/4	2
48	05419	Nut - 1/4-20 Hex	2
49	03249	Screw - 5/16-18 x 1-1/4 Hex Head	2
50	03370	Nut -1/2-13 Flex Lock	1
51	48979	Centering Spring	4
52	32775	Spring Stop Assembly	2
53	48988	Bracket - Centering Spring	2
54	01338	Screw - 5/16-18 x 5/8 Hex Head - Taptite (See Ref. No. 15)	-
55	32757	Clutch - Sprocket Assembly (See Insert)	4
56	48987	Collar - Centering Spring	4
57	49016	Clutch Assembly	4
58	49008	Actuator Rod - Clutch	2
59	49012	Clip - Left Hand Clutch Rod	4
60	49011	Clip - Right Hand Clutch Rod	8
61	49014	Clutch Rod - Lower	4
62	04346	Washer (See Ref. No. 43)	-
63	03244	Screw - 5/16-18 x 3/4 Hex Head	4
64	05279	Nut - 3/8-16 Nyloc	4

WHEN ORDERING PARTS - Please furnish Part Number, Model & Serial Number



KA-260B
FIGURE B

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26" BATTERY AUTOMATIC

PARTS LIST

FIGURE B

REF. NO.	PART NUMBER	DESCRIPTION	NO. REQ'
1	32622	Frame Assembly - Upper	1
2A	32580	Support Assembly - Battery (Includes No's. 2 & 3)	1
2	48412	Pad - Battery Support	1
3	03375	Tee Nut - 5/16-18	2
4	32701	Connecting Bar Assembly - Brush Lift	1
5	26515	Switch - Brush Motor	1
6	05261	Screw - 6-32 x 1-1/4	2
6	04200	Washer - #6 Flat - Brass	2
6	04250	Lockwasher #6	2
6	03274	Nut - 6-32 Hex	2
7	03368	Nut - 3/8-16 Flex Lock Hex	2
7	05483	Washer - 3/8 I.D. x 1" O.D. x .083	4
8	48206	Spring	2
9	03268	Screw - 3/8-16 x 3" Hex Head	2
10	32491	Control Lever Assembly - Left	1
11	32490	Control Lever Assembly - Right	1
12	48178	Wear Strip - Cable	1
13	48176	Cable Guard	2
14	48174	Pulley - Squeegee Lift Cable	2
14A	48177	Bushing - Pulley	2
15	48771	Cable - Squeegee Lift	1
16	02269	Screw - 1/4-20 x 1-1/4 Hex	2
16	05433	Washer	2
16	02278	Lockwasher	2
16	05419	Nut - 1/4-20 Hex	2
17	03267	Screw - 3/8-16 x 2-5/8 Hex Head	2
17	03368	Nut - 3/8-16 Flex Lock	2
18	49008	Actuator Rod - Clutch (See Ref. No. 58 - Figure A)	-
19	03389	Nut - 5/16-24 Hex	4
19	48986	Cushion - Control Rod	4
19	04218	Washer - 21/64 x 3/4 x 16 Ga.	4
20	48047	Drain Clamp	2
20A	02343	Screw 1/4-20 x 1/2 Pan Head Taptite	8
21	03349	Nut - 5/16-18 Hex	2
21	04212	Lockwasher - 5/16	2
22	32489	Bracket Assembly - Dump Valve	2

WHEN ORDERING PARTS - Please furnish Part Number, Model & Serial Number

26" BATTERY AUTOMATIC

PARTS LIST

FIGURE B

REF. NO.	PART NUMBER	DESCRIPTION	NO. REQ.
23	05223	Screw - 5/16-18 x 1-1/2 Hex	2
23	48097	Disc - Dump Valve	2
23	48140	Gasket - Dump Valve	2
23	05284	Washer - 11/32 x 11/16 x .072	AR
23	04221	Washer - 21/64 x 1" x 20 Ga.	2
24A	32547	Hose Assembly - Vacuum	1
24	48271	Vac Hose	1
24	16425	Cuff - Vac Hose	2
25	03289	Wing Nut	2
26	04383	Clevis Pin - 3/8 Dia. x 5/8 Long	1
27	32639	Squeegee Spring Assy. (For component parts see Fig. A)	1
28	48652	Gasket - Squeegee	1
29	48528	Clamp - Front	2
30	48527	Rubber - Front	2
31	48164	Clamp - Front Center	1
32	48165	Rubber - Front Center	1
33	48524	Body - Squeegee	1
34	48525	Rubber - Rear	1
35	48526	Clamp	1
36	05482	Screw - 10-24 x 7/8 Rd. Hd. - Rear Rubber	16
37	49909	Rubber - Backup Blade	1
38	44112	Clamp - Dump Hose	4
39	48783	Dump Hose	2
40	04298	Cotter Pin - 1/8 Dia. x 3/4 Long	1
41	48953	Ball Joint	4
42	49027	Ball Joint Link	4
43	23306	Motor-Brush Drive	1
43	26641	Brush Ring Assembly - Brush Motor (Service Only)	1
43	26640	Carbon Brush - Brush Motor (Service Only)	4
44	05483	Washer - 3/8 x 1 x .081 (2 each Motor Bolt)	8
45	32904	Frame - Weldment	1
46	03359	Nut - 3/8-24 Hex	4
46	04214	Lockwasher	6
47	01356	Screw - 3/8-16 x 3/4 Button Hd. Allen	4
48	48765	Sleeve - Squeegee	1
49	03244	Screw - 5/16-18 x 3/4 Hex Hd.	2

WHEN ORDERING PARTS - Please furnish Part Number, Model & Serial Number

26" BATTERY AUTOMATIC

PARTS LIST

FIGURE B

REF. NO.	PART NUMBER	DESCRIPTION	NO. REQ.
50	04212	Lockwasher - 5/16	2
51	04219	Washer - 21/64 x 5/8 x 20 Ga.	4
52	47483	Bumper Wheel	2
53	05473	Screw - 10-24 x 5/8 Rd. Hd.	17
54	32906	Idler Assy. - Gearbelt Pulley	2
55	49672	Spacer - Idler	2
56	40673	Key - 3/16 Sq. x 1 - Motor Shaft	1
57	49342	Gearbelt Pulley - Motor Shaft	1
58	04432	Retaining Ring (2 Per Idler Pulley)	4
59	27197	Bearing	4
60	49341	Idler Pulley	2
60A	32906	Idler Assy. Comp. (See Ref. No 53)(Incl'd's. No's. 57 thru60)	-
61	49343	Spacer - Bearing	2
62	05536	Screw - 3/8-16 x 2 Soc. Hd. Cap (Patch Loc.)	3
62A	05279	Nut 3/8-16 W/Nylon Locking Insert	1
62B	05483	Washer 3/8 I.D. x 1 O.D. x .081	1
62C	04224	Shim Washer 3/8 I.D. x 3/4 O.D. x 20 Ga.	AR
63	27188	Bearing	3
64	50127	Sleeve-Bearings	1
65	05320	Washer 3/8 I.D. x 3/4 O.D. x 1/16	2
66	03368	Nut 3/8-16 Flex Loc	2
67	02267	Screw - 1/4-20 x 1-1/2 Hex Hd.	12
68	50126	Belt - Brush Drive	1
69	04336	Washer - 17/64 x 7/8 x 1/8 Thk.	72
70	46764	Brush Support	4
71	49631	Strap	6
72	03366	Speednut	3
73	32627	Brush Lift Assy.	1
74	05223	Screw - 5/16-18 x 1-1/2 Hex Hd.	4
75	46854	Block - Mounting	2
76	03364	Speednut Fastener - 1/4-20	14
77	03349	Nut - 5/16-18 Hex	4
78	03262	Screw - 3/8-16 x 1 Hex Hd.	3
78	04214	Lockwasher - 3/8 (See Ref. No. 45)	-
79	48479	Brace - Brush Head Support	1
80	48480	Shaft - Brush Lift	1

WHEN ORDERING PARTS - Please furnish Part Number, Model & Serial Number

26" BATTERY AUTOMATIC

PARTS LIST

FIGURE B

REF. NO.	PART NUMBER	DESCRIPTION	NO. REQ
81A	32612	Solution Line Assy. (Incl'd's. No's. 75 thru 84)	1
81	48603	"Tee" Hose Fitting	2
82	48607	Hose - 1-1/2" Lg.	2
83	47834	Hose Clamp	2
84	48505	Hose - Solution Line - 6-3/4" Lg.	2
85	48819	Hose - Solution Line - 18" Lg.	1
86	48233	Tube - Solution Line - 1-1/4" Lg.	2
87	48237	Elbow - Coupling	1
88	47459	"Tee" - Coupling	1
89	48235	Tube - Solution Line - 1-5/8" Lg.	2
90	40894	Clamp	1
91	03377	Nut - 1/2-20 Flex Loc (Req. Height)	2
92	03293	Nut - 3/8-16 Hex	1
92	04214	Lockwasher - 3/8 (See Ref. No. 45)	1
92	03224	Screw - 3/8-16 x 3/4 Hex	1
93	03374	Speed Nut - Fastener	2
94	32614	Yoke Assy. - Brush Lift	1
95	48481	Spring - Brush Lift Shaft	1
96	48902	Splashguard	2
97	48601	Spacer	2
98	48587	Retaining Ring	2
99	27188	Bearing	4
100	48566	Spacer - Bearing	2
101	49346	Sheave - Brush Drive	2
101A	32902	Brush Sheave Assy. - Right	1
101B	32903	Brush Sheave Assy. - Left	1
102	03283	Nut - 1/4-20 Hex	9
102	02278	Lockwasher - 1/4	3
103	48576	Shaft - Brush Drive	2
104	48414	Plate	2
105	32595	Ring Assy. - Right Brush	1
105	32594	Ring Assy. - Left Brush	1
106	02261	Screw 1/4-20 x 1-1/8 Fl. Hd.	3
107	20274	Brush Assy. - Bassine (Scrubbing)	2
34	50027	Rubber-Squeegee-Rear Oil Resistant Neoprene (Optional)	

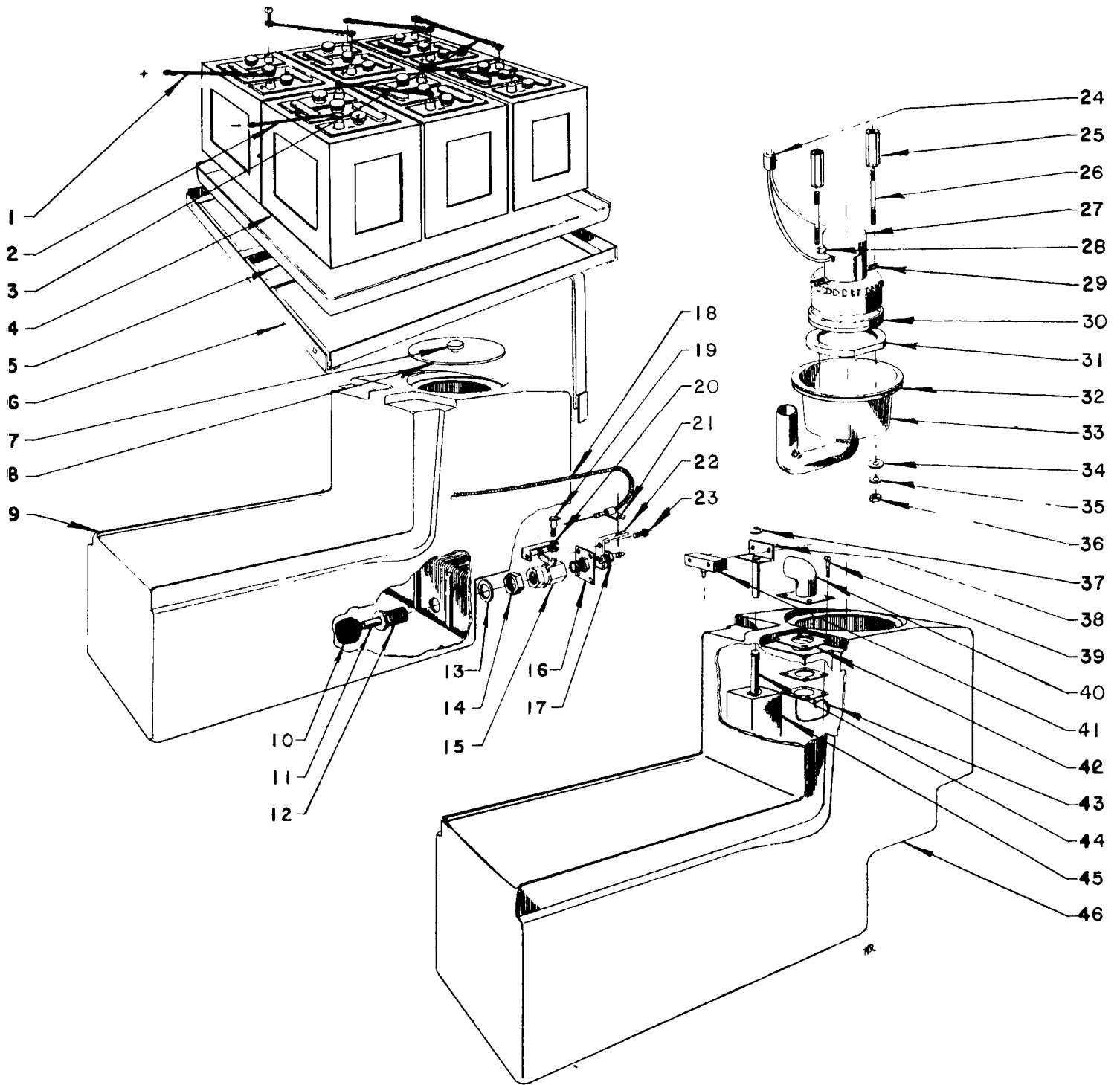
WHEN ORDERING PARTS - Please furnish Part Number, Model & Serial Number

26" BATTERY AUTOMATIC

CONVERSION KIT FOR DRY PICK-UP

REF. NO.	PART NUMBER	DESCRIPTION	NO. REQ
	38364	Dry Conversion Kit Complete Includes the Following:	1
	32637	Felt Squeegee Assembly	1
	47351	Filter Bag	1
	48274	Filter Bag Clip	1
	46849	Microstatic Filters - Pack of 12	1
	20275	Polishing Brush	2
		Felt Squeegee Assembly Includes the Following Parts - NOTE FIGURE B	
29	48528	Clamp - Squeegee - Front	2
30	48530	Felt - Squeegee - Front	2
31	48164	Clamp - Squeegee - Front Center	1
32	48347	Felt - Squeegee - Front Center	1
33	48524	Squeegee Body	1
34	48529	Felt - Squeegee - Rear	1
35	48526	Clamp - Squeegee - Rear	1
36	05489	Screw - 10-24 x 7/8 Pan Head	33
49	03244	Screw - 5/16-18 x 3/4 Hex Head	2
50	04212	Lockwasher - 5/16	2
51	04219	Washer - 21/64 x 5/8 x 20 Gauge	4
52	47483	Bumper Wheel	2

WHEN ORDERING PARTS - Please furnish Part Number, Model & Serial Number



KA-260B
FIGURE C

26" BATTERY AUTOMATIC

PARTS LIST

FIGURE C

REF. NO.	PART NUMBER	DESCRIPTION	NO. REQ.
1	25275	Cable - Battery - 7-1/2" Long (Red)	1
2	25085	Cable - Battery - 7-3/4" Long (Black)	5
3	25274	Cable - Battery - 12" Long	1
4	26568	Battery - (Pack of 6) (Dry)	1
5	48533	Battery Tray	1
6	32686	Battery Support Frame	1
7	48022	Knob - Cover - Water Tank	1
8	48246	Cover - Water Tank	1
8A	32535	Cover Assembly - Water Tank (Includes No's. 7 & 8)	1
9A	32632	Tank Assembly Complete - Clean Water	1
9	48519	Tank - Clean Water	1
10	48848	Line Strainer	1
11A	32714	Brass Fitting Assembly (Includes No's. 11 & 12)	1
11	04385	Roll Pin	1
12	48776	Brass Fitting - Water Valve	1
13A	04330	Washer	3
13	46980	Gasket - Water Valve Fitting	2
14	06114	Nut - 3/4 Pipe	1
15	48654	Water Valve	1
16	06019	Bushing	1
16	48510	Plate	1
16	06108	Locknut	1
17	48688	Adapter - 1/2 Hose - 1/2 Pipe - Brass	1
18	32548	Cable & Lever Assembly - Water	1
19	44826	Connector - Water Valve Cable	1
20	44811	Lever - Water Valve	1
21	42113	Clamp - Water Cable	1
22	48511	Bracket - Water Cable	1
23	01295	Screw - 10-24 x 5/8 Round Head	2
23	04253	Lockwasher #10	2
23	03279	Nut - 10-24 Hex	2
24	26555	Connector (Male Half)	1
25	48843	Tie Down Bar - Vac Pan	2
26	47366	Stud - Motor Mount	2
27A	32533	Vac Motor Assembly (Includes No's. 22 & 25)	1
27	23956	Vac Motor	1

WHEN ORDERING PARTS - Please furnish Part Number, Model & Serial Number

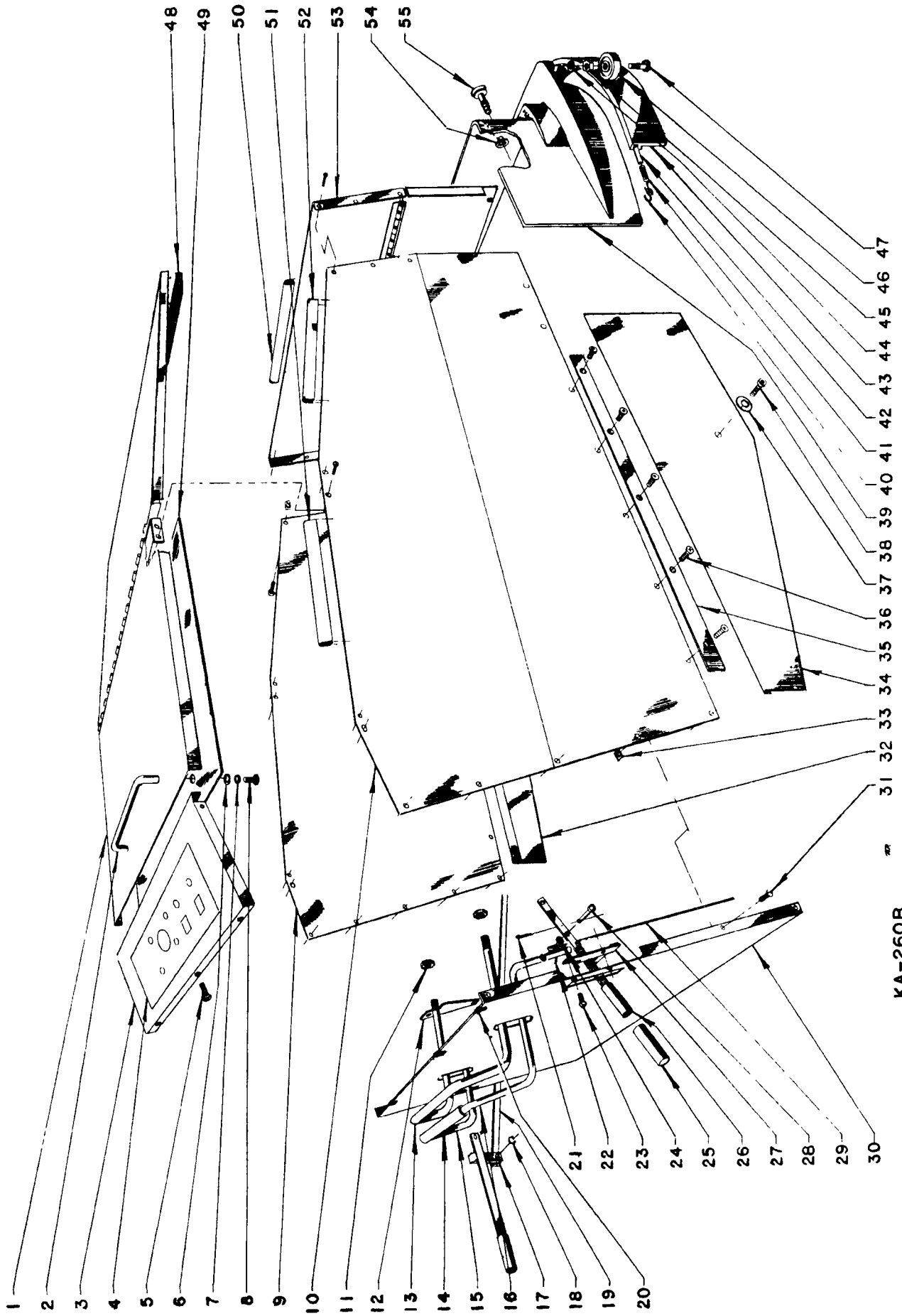
26" BATTERY AUTOMATIC

PARTS LIST

FIGURE C

REF. NO.	PART NUMBER	DESCRIPTION	NO. REQ'D.
28	26523	Brush Mechanism - Vac Motor (Service Only)	2
29	47348	Lug - Motor Mount	2
30	46817	Filter Assembly	1
31	48245	Gasket - Vac Motor	1
32	48563	Gasket - Vac Pot	1
33	48239	Vac Pot	1
34	47480	Gasket - Rubber	2
35	04226	Washer - 3/8 x 1-1/8 x 20 Gauge	2
36	03279	Nut - 10-24 Hex	2
37	48512	Snap Ring	3
38	32711	Bracket Assembly - Float Switch	1
39	05457	Screw - 10-24 x 1" Pan Head	4
39	05407	Washer	6
39	05297	Lockwasher	6
39	03279	Nut - 10-24 Hex	6
40	32542	Elbow - Upper	1
41	26585	Switch - Float Shut Off	1
42	48257	Gasket	2
43	32543	Elbow Assembly - Lower	1
44	48513	Rod - Float	1
44	05526	Washer	2
45	48502	Float	1
45A	32693	Float Assembly (Includes No's. 37, 44 & 45)	1
46	48514	Vac Tank	1
46A	32631	Vac Tank Assembly (Includes No's. 37 thru 46)	1
	47080	Label "Fill Here" (Not Shown)	1

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FIGURE D

26" BATTERY AUTOMATIC

PARTS LIST

FIGURE D

REF. NO.	PART NUMBER	DESCRIPTION	NO. REQ'D
1	32747	Cover Assembly - Complete	1
2	48071	Handle	1
3	48531	Instrument Panel	1
4	48532	Label - Instrument Panel	1
5	02334	Screw - 1/4-20 x 3/4 Round Head	12
6	05213	Washer - 17/64 x 9/16 x 16 Ga.	2
7	02278	Lockwasher - 1/4 Medium Spring	8
8	02243	Screw - 1/4-20 x 5/8 Hex Head	2
9	48672	Panel - Left Side	1
10	48671	Panel - Right Side	1
11	03369	Nut - 5/8-11 Hex Jam	2
12	48788	Plate - Handle Lock - Up	1
12A	48789	Plate - Handle Lock - Down	1
13	48172	Squeeze Bar	1
14A	32513	Control Rod Assembly	1
14	48173	Handle	1
15	48190	Control Rod - Left	1
16	48171	Control Rod - Right	1
17	32640	Handle Assembly - Brush Lift	1
18	04351	Retaining Ring	2
19	32701	Connecting Bar - Brush Lift (See Fig. B-Ref. No. 4)	-
20	03380	Speed Nut Fastener - 1/4-20	5
21	04298	Cotter Pin - 1/8 x 3/4 Long	2
22	04364	Roll Pin - 1/8 x 1	2
23	05478	Screw - 1/4-20 x 5/8 Round Head	6
23	02278	Lockwasher - 1/4 Medium Spring	8
23	03283	Nut - 1/4-20 Hex Jam	6
24	05320	Washer - 3/8 I.D. x 3/4 O.D.	3
25	46652	Handle Grip	2
26	32492	Handle Assembly - Squeegee Lift	1
27	32544	Squeegee Lock Assembly	1
28	04361	Clevis Pin - 3/8 Dia. x 5/8 Long	1
29	48779	Cable - Squeegee Lift (See Fig. B - Ref. No. 15)	1
30	48520	Panel - Rear	1
31	01372	Screw - 10-24 x 1/2 Pan Head	16
32	48681	Panel - Lower Left	1

WHEN ORDERING PARTS - Please furnish Part Number, Model & Serial Number

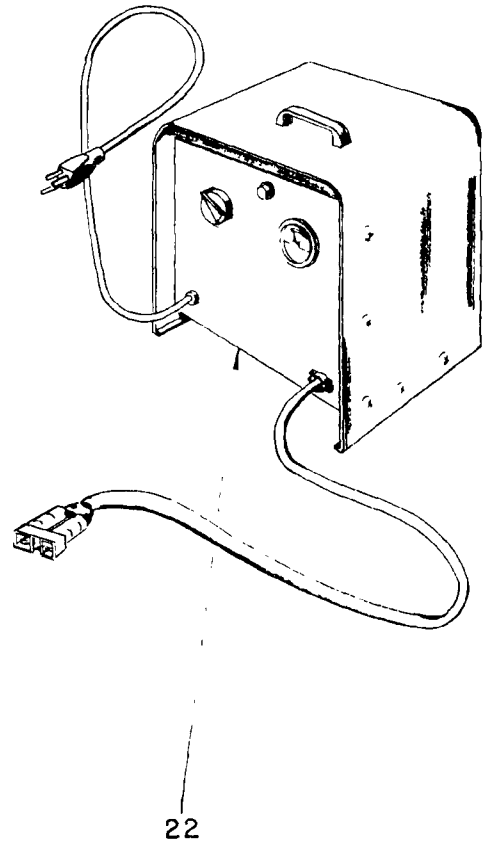
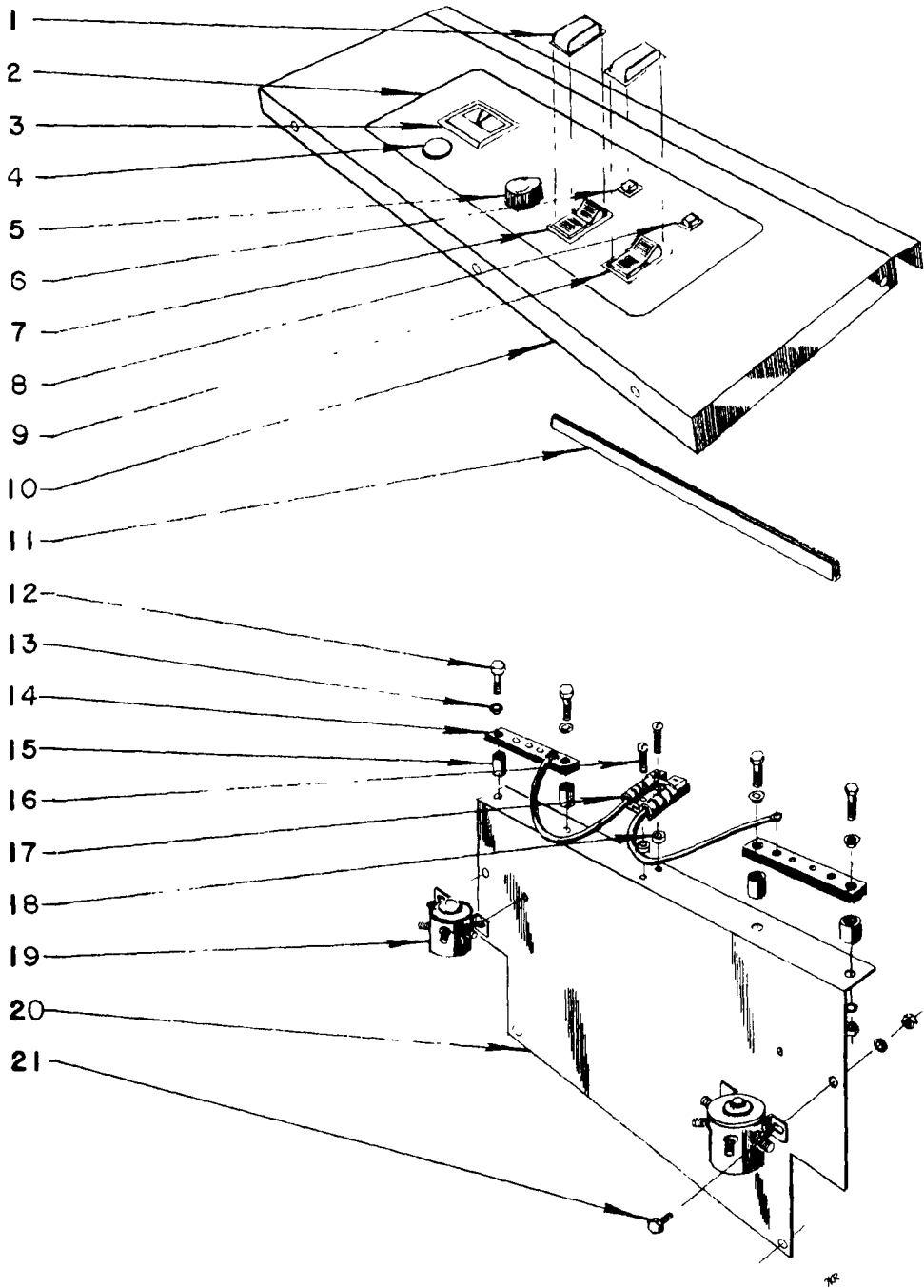
26" BATTERY AUTOMATIC

PARTS LIST

FIGURE D

REF. NO.	PART NUMBER	DESCRIPTION	NO. REQ.
33	03381	Speed Nut Fastener - #10 Thread	16
34	48680	Panel - Lower Right	1
35	48078	Spacer Bar	2
36	02252	Screw - 1/4-20 x 3/4 Flat Head	10
37	04331	Washer - 1/2 I.D. x 1-1/2 O.D. - Nylon	2
38	05471	Screw - 1/2-13 x 1 Socket Head	2
39A	32635	Brush Cover Assembly - Complete	1
39	48477	Brush Cover	1
40	46866	Clip	2
41	46861	Spring	2
42	48503	Band - Insert	1
43	48523	Splash Guard - Brush Cover	1
44	04215	Lockwasher - 3/8 External Tooth	1
45	03295	Nut - 3/8-16 Hex Jam	1
46	49261	Wheel - Bumper	1
47	02332	Screw - 3/8-16 x 1-3/4 Hex Head	1
48	48875	Gasket - Lid	1
49	48506	Battery Cover	1
50	48710	Wear Strip - Upper Front Panel	1
51	48683	Wear Strip - Side Panel - Rear	2
52	48682	Wear Strip - Side Panel - Front	2
53	32745	Front Panel Assembly	1
54	04376	Retainer Washer	2
55	03373	Wing Screw Fastener	2

WHEN ORDERING PARTS - Please furnish Part Number, Model & Serial Number



KA-260B
FIGURE E

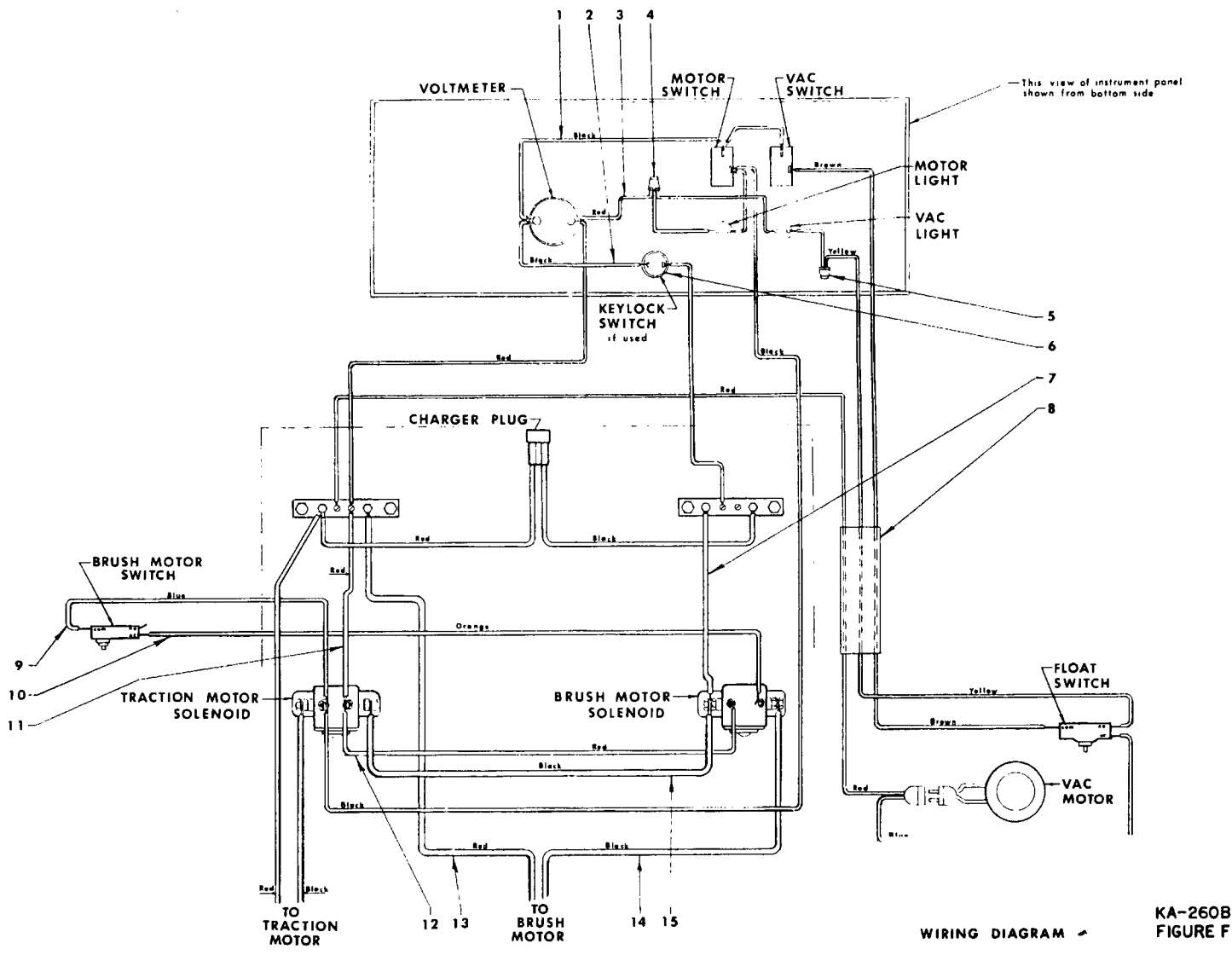
26" BATTERY AUTOMATIC

PARTS LIST

FIGURE E

REF. NO.	PART NUMBER	DESCRIPTION	NO. RE
1	48653	Cover-Switch	2
2	48532	Label-Instrument Panel	1
3	26503	Voltmeter	1
4	46156	Plug Button	1
5	46008	Knob-Water Control	1
6	25245	Pilot Light Assembly - Red	1
7	26469	Switch - Red	1
8	26508	Pilot Light-Amber	1
9	26466	Switch-White	1
10	48531	Panel-Instrument	1
11	47925	Guard-Plastic	2
12	02267	Screw-1/4-20 x 1-1/2 Hex Head	4
12	02278	Lockwasher-1/4	4
12	03283	Nut-1/4-20 Hex	4
13	04369	Nylon Shoulder Washer	4
14	48269	Terminal Bar	2
15	48268	Standoff-Terminal Bar	4
16	01248	Screw-6-32 x 1" Round Head	2
16	04250	Lockwasher-#6	2
16	03274	Nut-6-32 Hex	2
17	32664	Charger Plug Assembly (Includes Ref. No. 15)	1
18	46425	Spacer-1/4 I.D. x 1/2 O.D. x 1/4 Long Fibre	2
19	26504	Solenoid	2
20	48270	Junction Panel	1
20A	32546	Junction Panel Assy. Comp. (See Fig. B-Ref. No.4)	1
21	02237	Screw-1/4-20 x 1/2 Hex Head	4
21	02278	Lockwasher-1/4	4
21	03283	Nut-1/4-20 Hex	4
22	32565	Battery Charger	1
	28806	Fuse-32V Battery Charger	

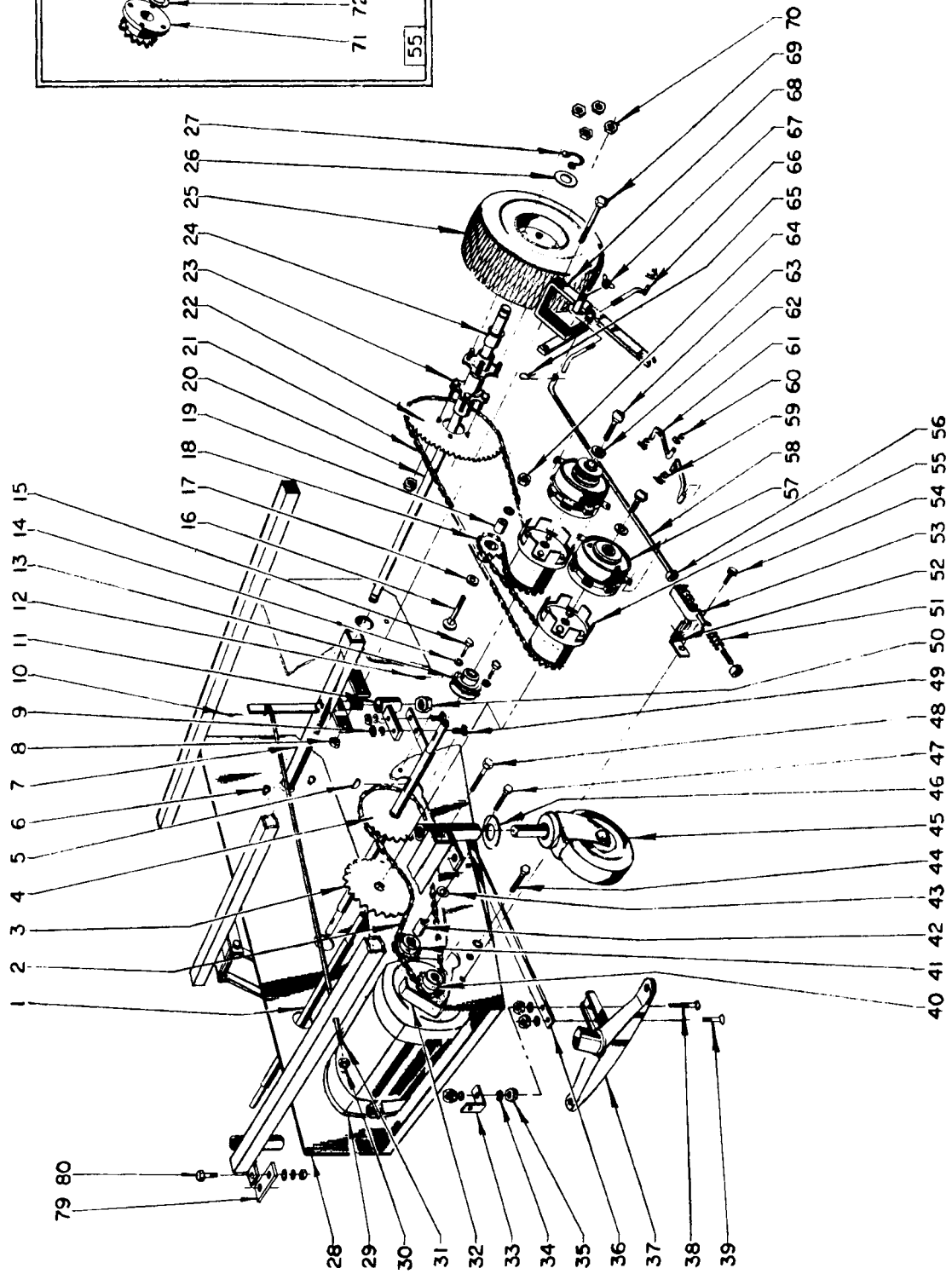
WHEN ORDERING PARTS - Please furnish Part Number, Model & Serial Number



KA-260B
FIGURE F

DRAWINGS & PARTS LIST

KA-320B



KA-320B
FIGURE A

32" BATTERY AUTOMATIC

PARTS LIST

FIGURE A

REF. NO.	PART NUMBER	DESCRIPTION	NO. REQ.
1	48999	Clutch Shaft	2
2	49234	Chain - Primary Drive	1
3	49004	Sprocket - Clutch Shaft	1
4	49005	Sprocket - Clutch Shaft - 45T	1
5	49017	Woodruff Key - #606	6
6	48953	Stud - Ball Joint	4
6	03372	Nut - 3/8-24 Center Lock	4
7	32755	Tube Assembly - Squeegee Adjustment	1
8	03368	Nut - 3/8-16 Flex Lock	2
9	03349	Nut - 5/16-18 Hex	2
9	04212	Lockwasher - 5/16	2
10	04297	Cotter Pin - 3/32 x 3/4 Long	1
11	32498	Pivot Assembly - Squeegee	1
12	05225	Set Screw - 10-32 x 1/4	8
13	27196	Bearing - Clutch Shaft	2
14	05304	Washer - 21/32 x 1" x 16 Gauge	8
15	01338	Screw - 5/16-18 x 5/8 Hex Hd. Taptite	8
16	02347	Carriage Bolt - 3/8-16 x 2"	2
17	04318	Washer - 3/8 I.D. x 1-1/16 O.D. x 11 Ga.	2
18	49003	Sprocket - Idler	2
19	48997	Idler Shaft - Final Drive	2
20	48483	Axle	1
21	49019	Chain - Final Drive - 40"	2
22	49006	Sprocket - 60T - 1/2" Pitch - #40 Chain	2
23	32838	Hub & Sprocket Assem. (Incl. No's. 23, 24 & 72)	2
24A	49020	Hub & Bushing Assem. (Incl. No's. 24 & 25)	2
24	27193	Bushing	4
25	49021	Tire & Rim Assembly	2
26	04317	Washer - 1" I.D. x 1-1/2 x 20 Ga.	-
27	48537	Snap Ring	2
28	32756	Lower Chassis - Weldment	1
29	23308	Motor - Traction	1
30	26643	Ring Assy. - Carbon Brush (Svc. Only) (Incl. 30B)	1
30A	26642	Carbon Brush (Svc. Only)	4
30B	03378	Nut - 5/16-18 Flex Lock	1
31	48169	Rod - Squeegee	1

WHEN ORDERING PARTS - Please furnish Part Number, Model & Serial Number

32" BATTERY AUTOMATIC

PARTS LIST

FIGURE A

REF. NO.	PART NUMBER	DESCRIPTION	NO. REQ
32	48996	Spacer Bar - Motor	1
33	49009	Bracket - Squeegee Lift	1
34	04214	Lockwasher - 3/8	3
35	03294	Nut - 3/8-16 Hex Jam	4
36	48774	Spring - Squeegee	1
37	48778	Cap - Squeegee	1
38	02375	Screw - 3/8-16 x 1-1/4 Flat Head	1
39	02342	Screw - 3/8-16 x 3 Flat Head	1
40	49233	Sprocket - Motor - 15T	1
41	48545	Sprocket - Idler - 13T	1
42	48998	Idler Shaft	1
43	04346	Washer 5/16 I.D. x 1-1/4 O.D. x 11 Ga.	5
44	03251	Screw - 5/16-18 x 1-1/4 Hex Hd.	3
45	49940	Caster Assembly	2
46	04380	Washer 1" I.D. x 1-7/8 O.D. x 12 Ga.	2
47	02346	Screw - 5/16-18 x 1 Hex Hd. Nyloc	1
48	02273	Screw - 1/4-20 x 1-3/4 Hex Head	2
49	02278	Lockwasher	2
50	05419	Nut - 1/4-20 Hex	2
50	03249	Screw - 5/16-18 x 1-1/4 Hex Head	2
50	03370	Nut - 1/2-13 Flex Lock	1
51	48979	Centering Spring.	4
52	32775	Stop - Spring	2
53	48988	Bracket - Centering Spring	2
54	01338	Screw - 5/16-18 x 5/8 Hex Hd. Taptite	10
55	32757	Clutch Sprocket Assembly (See Insert)	4
56	48987	Collar - Centering Spring	4
57	49016	Clutch Assembly	4
58	49008	Actuator Rod - Clutch	2
59	49012	Clip - L.H. Clutch Rod	4
60	49011	Clip - R.H. Clutch Rod	8
61	49014	Clutch Rod - Lower	4
62	04346	Washer - 5/16 x 1-1/4 x 11 Ga. (See Ref. No. 44)	-
63	03244	Screw - 5/16-18 x 3/4 Hex Head	4
64	05279	Nut - 3/8-16 Nyloc	2
65	04360	Hairpin (Cotter)	2

WHEN ORDERING PARTS - Please furnish Part Number, Model & Serial Number

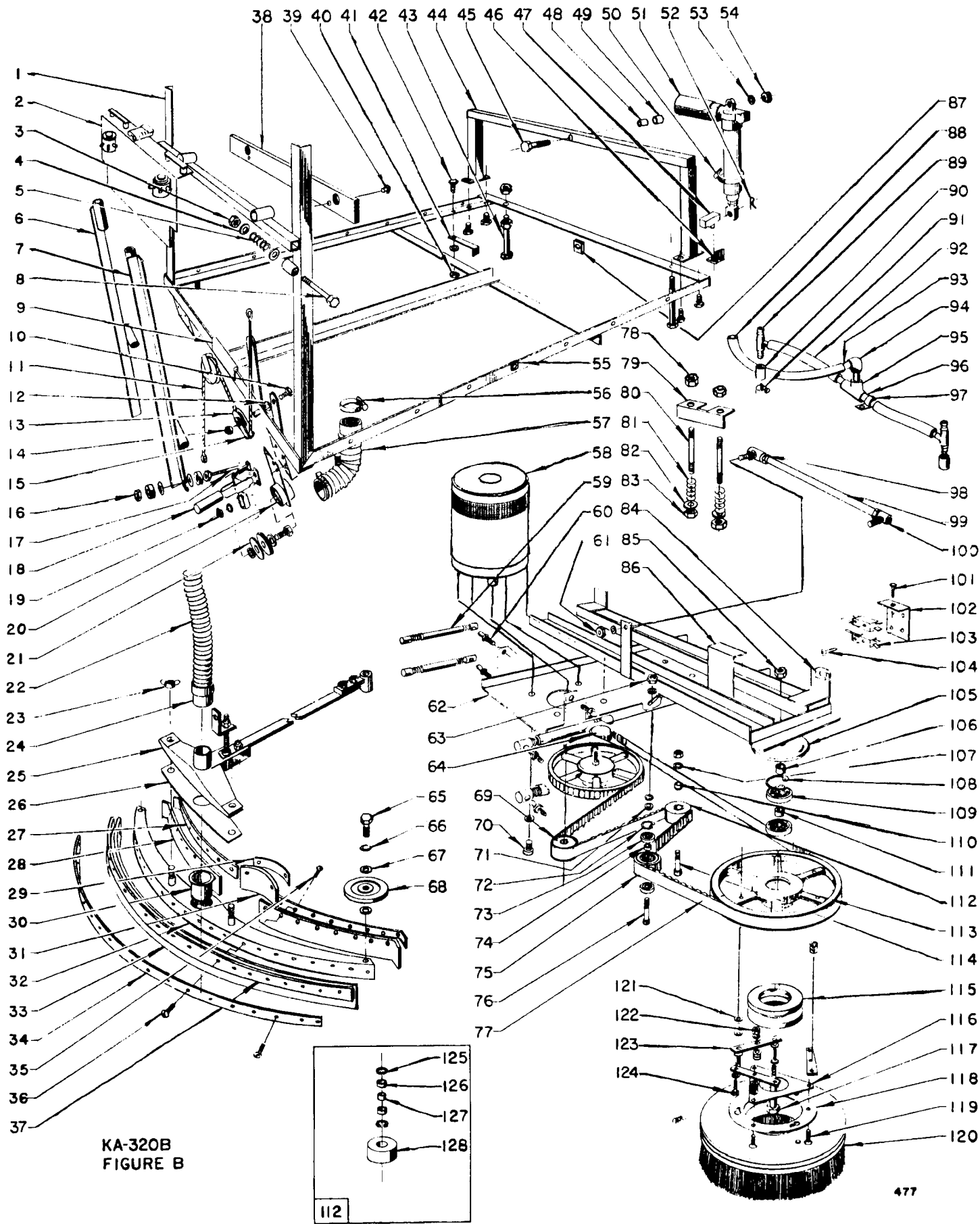
32" BATTERY AUTOMATIC

PARTS LIST

FIGURE A

REF. NO.	PART NUMBER	DESCRIPTION	NO. REQ.
66	49013	Clutch Rod - Upper	4
67	03358	Wingnut - 10-24 Esna	4
68	32754	Clutch Linkage Assembly	2
69	03268	Screw - 3/8-16 x 3" Hex Head	2
70	03372	Nut - 3/8-24 Center Locking	16
71	49001	Sprocket - Clutch	4
72	22-4059	Spring Washer	4
73	49002	Spacer - Clutch Sprocket	4
74	27195	Bearing	8
75	48983	Spacer - Clutch Bearing	4
76	48984	Drive Cup - Clutch	4
77	49010	Retaining Washer	4
78	02267	Screw 1/4-20 x 1-1/2 Hex Head	4
78	02278	Lockwasher 1/4	4
79	49015	Bracket - Adaptor	2
80	03264	Screw - 3/8-16 x 1-1/8 Hex Head	2
80	04384	Washer - 3/8 I.D.	2
80	04214	Lockwasher 3/8 I.D.	2
80	03294	Nut - 3/8-16 Hex	2
	38388	Service Kit for Clutch - Ref. No. 57	

WHEN ORDERING PARTS - Please furnish Part Number, Model & Serial Number



32" BATTERY AUTOMATIC

PARTS LIST

FIGURE B

REF. NO.	PART NUMBER	DESCRIPTION	NO. REQ'D
1	32487	Frame Assembly-Upper	1
2	32737	Junction Panel (See Fig. "E" for Details)	1
3	03368	Nut-3/8-16 Flex Lock	5
4	05483	Washer-3/8 I.D. x 1" O.D. x .083	8
5	48206	Spring	1
6	32491	Control Lever Assembly - Left	1
6A	03267	Screw 3/8-16 x 2 3/4 Hex HD	2
6B	03368	Nut 3/8-16 Flex Loc	2
7	32490	Control Lever Assembly-Right	1
8	03268	Screw-3/8-16 x 3 Hex Head	1
9	48178	Wear Strip-Cable	1
10	02269	Screw-1/4-20 x 1-1/2 Hex	2
11	48771	Cable-Squeegee Lift	1
12	05433	Washer 17/64 x 3/4 x 11 Gauge	1
13	48174	Pulley	2
13A	48177	Bushing-Pulley	2
14	05419	Nut 1/4-20 Hex	2
14	02278	Lockwasher 1/4 Med. Spring	2
15	48176	Cable Guard	2
16	03389	Nut 5/16-24 Hex	4
16	48986	Cushion-Control Rod	4
16	04218	Washer 21/64 x 3/4 x 16 Gauge	4
17	49008	Actuator Rod (See Ref. No. 60-Fig. "A")	-
18	48047	Drain Clamp	2
19	03349	Nut-5/16-18 Hex	2
19	04212	Lockwasher - 5/16	2
20	32489	Bracket-Dump Valve Assembly	2
20A	02343	Screw 1/4-20 x 1/2 Taptite	8
21	48097	Disc - Dump Valve	2
21	48140	Gasket - Dump Valve	2
21	05284	Washer - 11/32 x 11/16 x .072	AR
21	04221	Washer 21/64 x 1 x 20 Gauge	2
21	05223	Screw - 5/16-18 x 1-1/2 Hex	2
22A	32547	Hose Assembly - Vac (Includes No.'s 22 & 24)	1
22	48271	Flexible Hose	1
23	03289	Wing Nut	2

WHEN ORDERING PARTS - Please furnish Part Number, Model & Serial Number

32" BATTERY AUTOMATIC

PARTS LIST

FIGURE B

REF. NO.	PART NUMBER	DESCRIPTION	NO. REQ'
24	70-6704	Cuff	2
25	32695	Squeegee Cap Assy. (For Component Parts See Fig. "A")	1
26	48652	Gasket-Squeegee Cap	1
27	48167	Clamp-Squeegee Front	2
28	48166	Rubber-Squeegee Front	2
29	48164	Clamp-Front Center	1
30	48765	Sleeve-Squeegee	1
31	48165	Rubber-Squeegee-Front Center	1
32A	32499	Squeegee Assembly Complete	1
32	48048	Body - Vac Squeegee	1
33	48168	Rubber - Squeegee - Rear	1
34	48163	Clamp Squeegee - Rear	1
35	05473	Screw - 10-24 x 5/8 Taptite	21
36	05482	Screw 10-24 x 7/8 Taptite	20
37	49910	Backup Squeegee Blade	1
38A	32580	Support Assy. - Battery (Includes No's. 38 & 39)	1
38	48412	Pad - Battery Support	1
39	03251	Screw 5/16-18 x 1 3/4 Hex HD	2
39	04212	Lockeasher 5/16 I.D.	2
39	03375	"T" Nut - 5/16-18	2
40	03294	Nut - 3/8-16 Hex	5
41	48248	Bracket - Cable Clamp	1
42	03228	Screw - 3/8-16 x 7/8 Hex Head	5
42	04214	Lockwasher	5
43	02339	Screw - 5/16-18 x 5" Hex Head	2
43	03356	Nut - 5/16-18 Hex	4
44	32742	Support Assembly - Actuator	1
45	03267	Screw - 3/8-16 x 2-3/4 Hex Head	1
46	48943	Bracket - Switch	1
47	26515	Switch - Brush Drive	1
48	48945	Sleeve	1
49	48944	Bushing - Rubber	1
50	46688	Clamp	1
51	23311	Actuator	1
52	04360	Hairpin - Cotter	1
53	04318	Washer - 3/8 x 1-1/16 x 11 Gauge	1

WHEN ORDERING PARTS - Please furnish Part Number, Model & Serial Number

32" BATTERY AUTOMATIC

PARTS LIST

FIGURE B

REF. NO.	PART NUMBER	DESCRIPTION	NO. REQ'D
54	05279	Nut - 3/8-16 Lock	1
55	03364	Speed Nut Fastener - 1/4-20	14
56	44112	Clamp - Hose	4
57	48783	Hose - Tank Drain	2
58	23306	Motor - Brush Drive	1
58	26641	Brush Ring Assembly (Service Only)	1
58	26640	Carbon Brush Assembly (Service Only)	4
59	49027	Ball Joint Link	4
60	48953	Ball Joint	4
61	04214	Lockwasher - 3/8 Med. Spring	6
61	03359	Nut - 3/8-24 Hex	5
62	32905	Brush Frame - Weldment	1
63	03368	Nut - 3/8-16 Hex Flex Loc	2
63	05483	Washer - 1-3/8 I.D. x 1" O.D. x .081 (See Ref. No. 82)	-
64	32906	Idler Sprocket Assy. (See Ref. No's. 64 through 75)	2
65	03244	Screw - 5/16-18 x 3/4 Hex Head	2
66	04212	Lockwasher 5/16	2
67	04219	Washer - 21/64 x 5/8 x 20 Gauge	4
68	47483	Bumper Wheel	2
69	49342	Sprocket - Motor	1
69	40673	Key - Motor Sprocket	1
70	01356	Screw - 3/8-16 x 3/4 Button Head	4
70	05483	Washer	4
71	49672	Spacer - Idler	2
72	04432	Retaining Ring	2
73	27197	Bearing	4
74	49343	Spacer - Bearing	2
75	49341	Gearbelt Pulley - Idler	2
76	05536	Screw - 3/8-16 x 2" Soc. Head Cap	2
77	50126	Belt - Brush Drive	1
78	05279	Nut - 3/8-16 Hex - Self Lock	5
79	32740	Clevis Angle	1
80	48946	Stud	2
81	48223	Spring	2
82	05483	Washer - 3/8 x 1" x .081	7
83	03294	Nut - 3/8-16 Hex Jam	3

WHEN ORDERING PARTS - Please furnish Part Number, Model & Serial Number

32" BATTERY AUTOMATIC

PARTS LIST

FIGURE B

REF. NO.	PART NUMBER	DESCRIPTION	NO RE
84	03374	Speed Nut - Clip on Type	2
85	03377	Nut - 1/2-20 Flex Lock	2
86	48940	Switch Box	1
87	03366	Speed Nut Fastener	3
88A	32530	Solution Line Assembly (Includes No's. 88 through 97)	1
88	48236	Hose Solution Line - 12-1/2" Lg.	1
89	48606	Tee - Hose Fitting	2
90	48607	Hose - Solution Line - 1-1/2" Lg.	2
91	47834	Clamp - Hose	2
92	48234	Hose - 7-3/8" Lg.	2
93	48233	Tube - Solution Line - 1-1/4" Lg.	2
94	48237	Elbow - Coupling	1
95	47459	Tee - Coupling	1
96	48235	Tube - Solution - 1-5/8" Lg.	2
97	40894	Clamp	1
98A	32531	Track Bar Assembly (Includes No's. 98, 99 & 100)	1
98	03359	Nut - 3/8-24 Hex	2
99	48238	Track Bar Rod	1
100	48041	Ball Joint	2
101	01350	Screw - #8 x 3/8 Pan Hd.	1
102	48933	Cover - Switch Box	1
103	26603	Switch	2
104	01248	Screw	4
104	04250	Lockwasher #6 I.D.	4
104	03274	Nut 6-32 Hex	4
105	48902	Splash Guard	2
106	48608	Spacer - Brush Sheave	2
107	05320	Washer 3/8 ID x 3/4 O.D. x 1/16	2
108	48587	Retaining Ring	2
109	27188	Bearing	4
110	50127	Sleeve - Bearings	1
111	48566	Spacer - Bearing	2
112	27188	Bearing	3
113A	32902	Brush Sheave Assembly - Right	1
113B	32903	Brush Sheave Assembly - Left	1
113	49346	Sheave - Brush Drive	2

WHEN ORDERING PARTS - Please furnish Part Number, Model & Serial Number

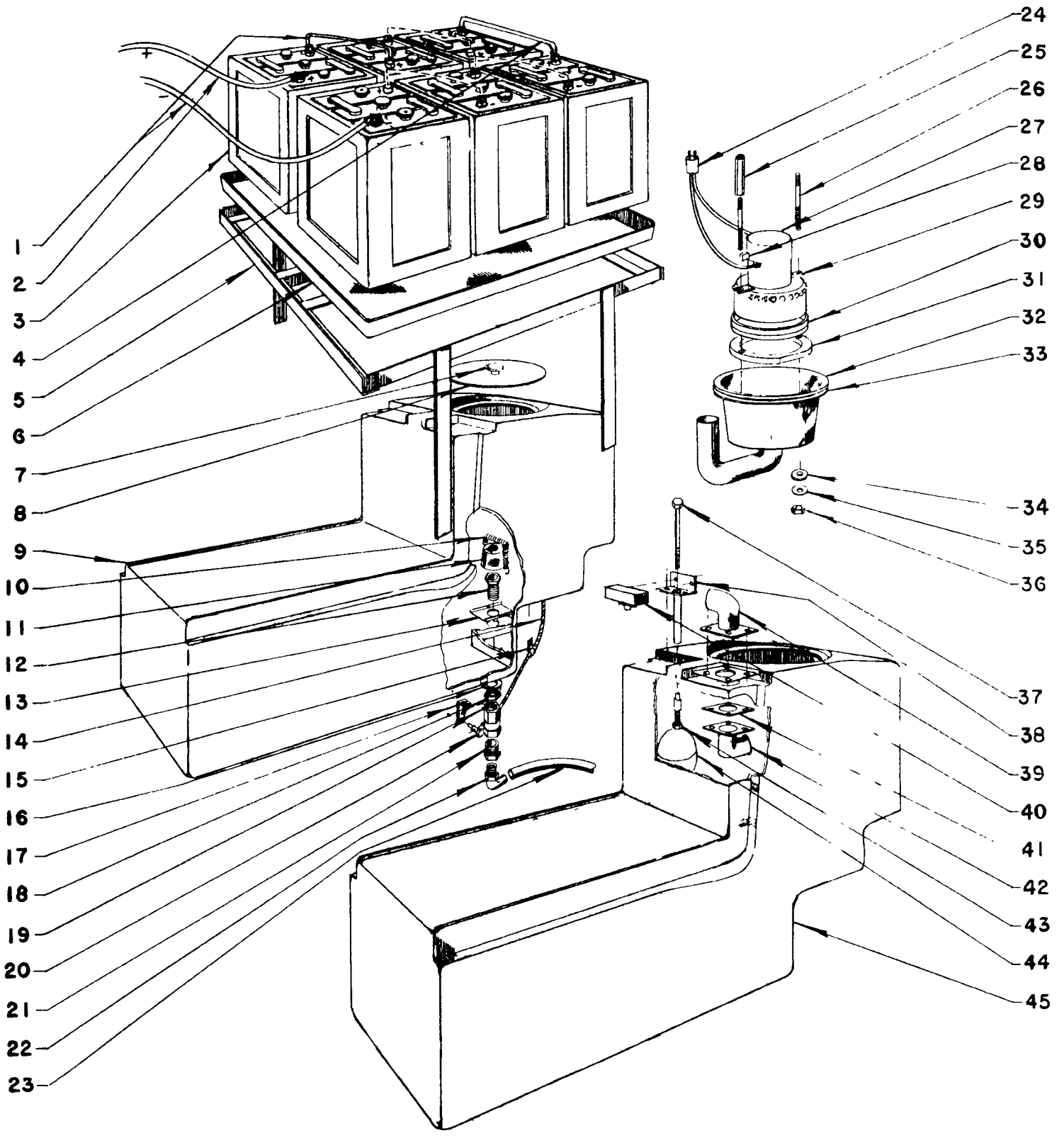
32" BATTERY AUTOMATIC

PARTS LIST

FIGURE B

REF. NO.	PART NUMBER	DESCRIPTION	NO. REQ'D
114	05536	Screw 3/8-16 x 2 Soc. Head Cap	1
115	46764	Brush Support	4
116	48414	Plate	2
117	48576	Shaft - Brush Drive	2
118A	32595	Ring Assembly - Brush Drive (Right Brush)	1
118B	32594	Ring Assembly - Brush Drive (Left Brush)	1
119	02261	Screw - 1/4-20 x 1-1/8 Flat Head	6
120	20266	Brush - Bassine (Scrubbing)	2
120	20267	Brush - Palmetto (Optional)	2
120	20271	Brush - Nylon (Optional)	2
120	20272	Brush - Mixed (Polishing) (Optional)	2
120	20273	Brush - Steel Wire (Optional)	2
121	04336	Washer - 17/64 x 7/8 x 1/8 Thick	72
122	03283	Nut - 1/4-20 Hex	18
122	04254	Lockwasher - 1/4 Med. Spring	18
123	49631	Strap	6
124	02267	Screw - 1/4-20 x 1-1/2 Hex Hd.	12
ADDED ACCESSORIES			
	20286	Pad Holder Assembly Complete	2
	15656	Pad - Stripping (Black)	2
	15657	Pad - Scrubbing (Green)	2
33	15658	Pad - Buffing (Brown)	2
	50028	Rubber-Squeegee-Rear Oil Resistant Neoprene (Optional)	
	38360	Dry Conversion Kit - Complete Includes the Following:	1
	32571	Felt Squeegee Assembly	1
	27068	Filter Bag	1
	20272	Polishing Brush	2
	46849	Microstatic Filter (Pac of 12)	1

WHEN ORDERING PARTS - Please furnish Part Number, Model & Serial Number



KA-320B
FIGURE C

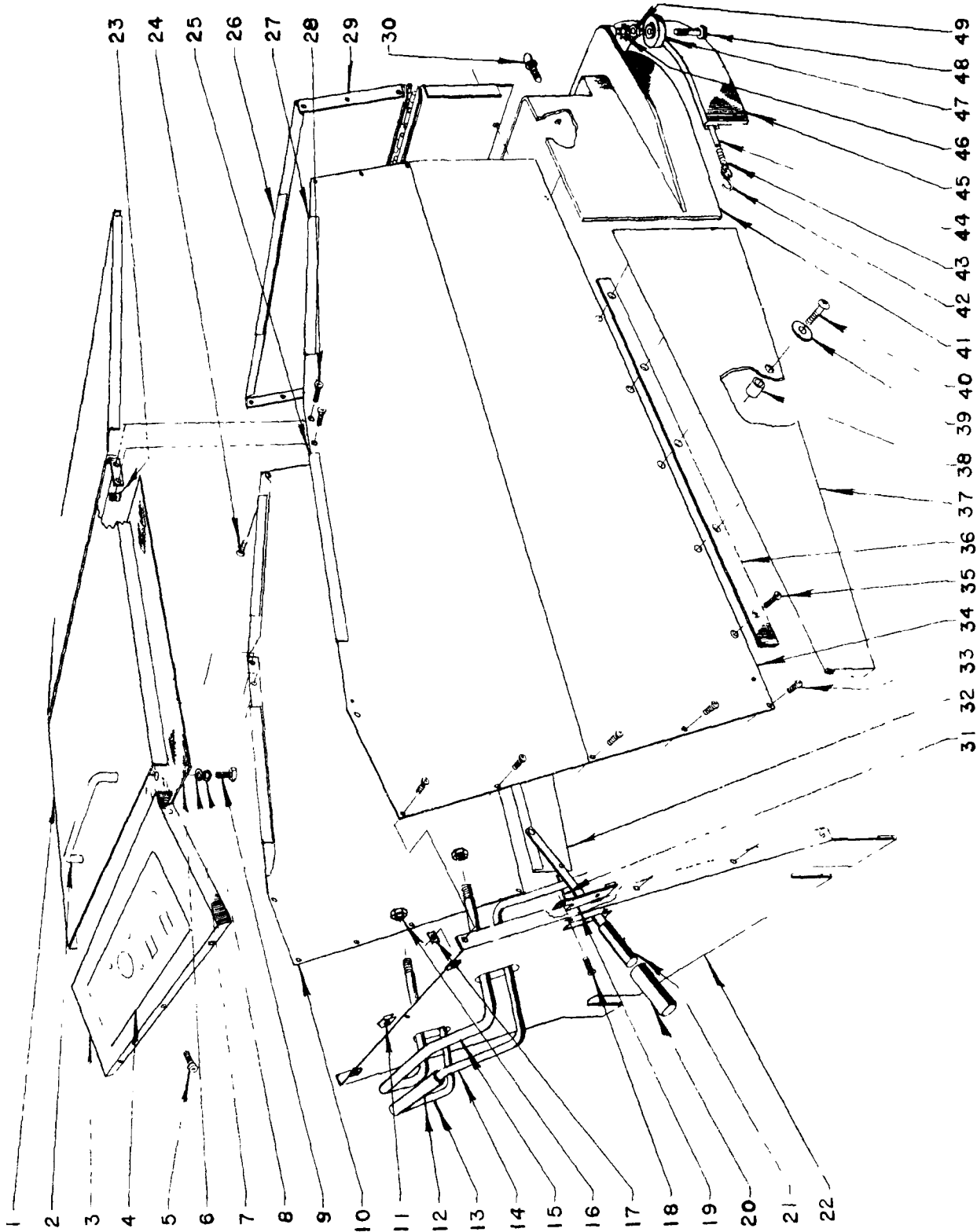
32" BATTERY AUTOMATIC

PARTS LIST

FIGURE C

REF. NO.	PART NUMBER	DESCRIPTION	NO. REQ
1	25085	Cable - Battery - Short (Black)	5
2	25275	Cable - Battery (Red)	1
3	26583	Battery - 6V-270 Amp. (Packed for Export - 1 Only)	6
3	26570	Battery (Pack of 6 for Export)	1
4	25274	Cable - Battery - Long (Black)	1
5	32666	Frame - Battery Support	1
6	48643	Battery Tray	1
7	48022	Knob - Tank Lid	1
8	48246	Tank Lid	1
8A	32535	Lid Assembly - Tank (Includes No's. 7 & 8)	1
9	48250	Tank - Solution	1
9A	32537	Sol. Tank Assy. (Incl. 9 thru 13 & 16 thru 22)	1
10	48785	Spring - Screen Hold Down	1
11	49073	Screen - Solution Tank	1
12	48776	Brass Fitting - Water Valve	1
13	48782	Bracket - Filter Screen	1
13A	46980	Gasket - Screen	1
14	32548	Cable & Lever Assembly - Water	1
15	42113	Clamp - Water Control Cable	1
16	48777	Gasket - Water Valve Fitting	1
16A	04330	Washer	2
17	44811	Lever - Water Valve	1
18	06114	Locknut - 3/4 Pipe Thread	1
19A	32697	Water Valve Assy. (Incl. No's. 17 & 19 thru 22)	1
19	48654	Water Valve - (V-75)	1
20	44826	Connector - Water Control Cable	1
21	06019	Bushing - 3/4 Pipe Thread to 1/2 Pipe Thread	1
22	42868	Elbow - 90° Brass - 1/2 Pipe Thread to 1/2 Tube	1
23	48236	Hose - Solution Line (See Fig. "B" - Ref. No. 86)	-
24	26555	Connector (Male Half)	1
25	48843	Tie Down Bar	2
26	47366	Stud - Motor Mount	2
27A	32456	Vac Motor Assembly (Includes No's. 24 & 27)	1
27	23956	Vac Motor	1
28	26523	Brush Mechanism - Vac Motor (Service Only)	2
29	47348	Lug - Motor Mount	2

WHEN ORDERING PARTS - Please furnish Part Number, Model & Serial Number



REF.

KA-320B
FIGURE D

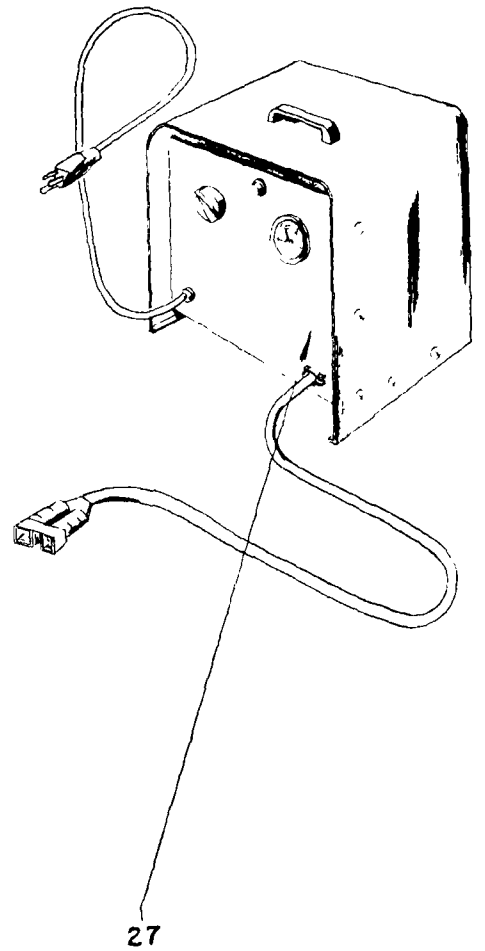
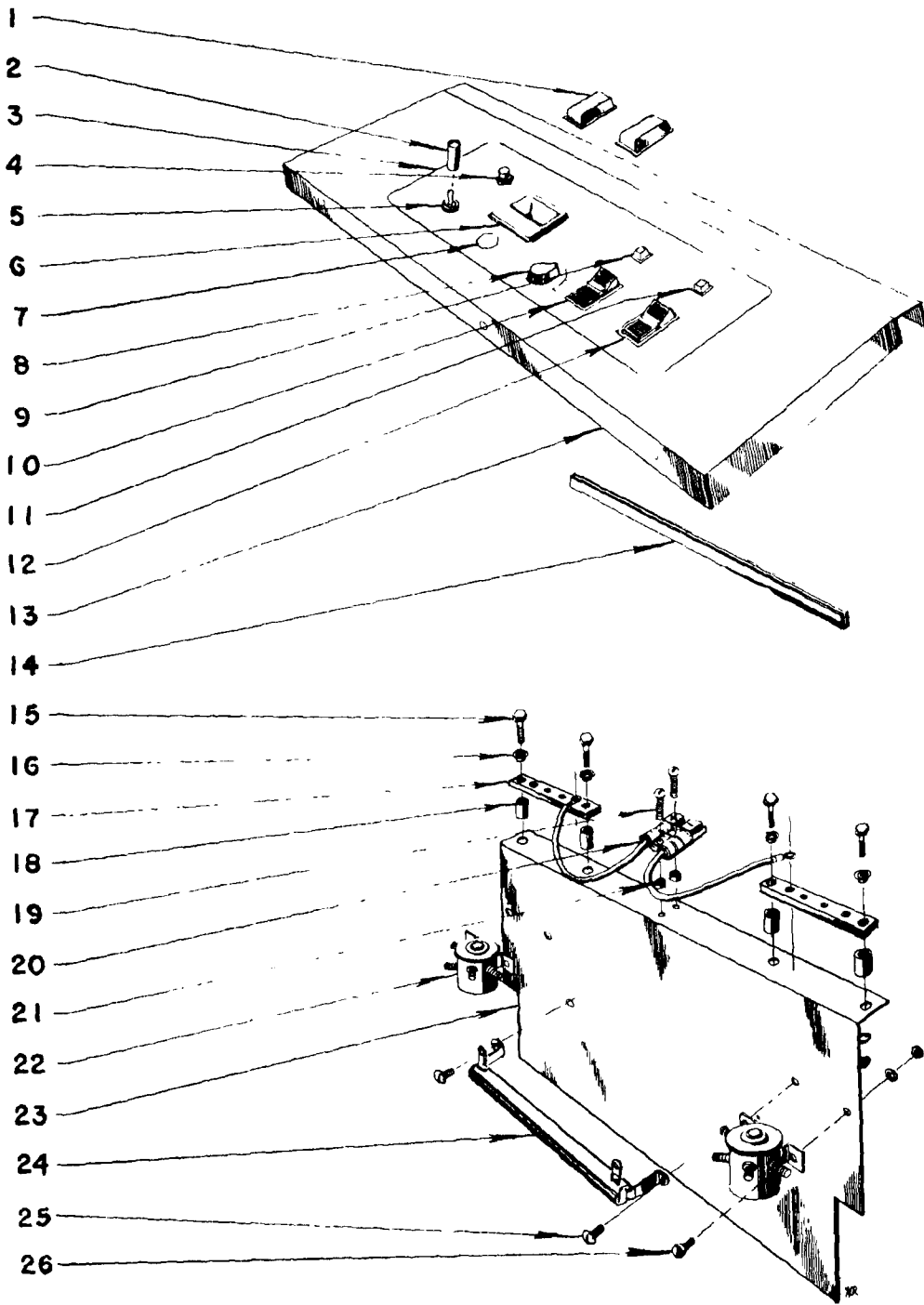
32" BATTERY AUTOMATIC

PARTS LIST

FIGURE D

REF. NO.	PART NUMBER	DESCRIPTION	NO. REQ'
1	32746	Cover Assembly	1
2	48071	Handle - Cover	1
3	48089	Instrument Panel	1
4	48188	Label - Instrument Panel	1
5	02334	Screw - 1/4-20 x 3/4 Rd. Hd. - Chrome Plated	12
6	48506	Battery Cover	2
7	05213	Washer - 17/64 x 9/16 x 20 Gauge	2
8	02278	Lockwasher - 1/4	8
9	02243	Screw - 1/4-20 x 5/8 Hex Head	2
10	48672	Panel - Left Side - Upper	1
11	03366	Speed Nut - Fastener - 1/4-20	5
12A	32513	Control Assy. (Includes No's. 12, 13, 14 & 31)	1
12	48173	Handle - Traction Bar	1
13	48190	Control Rod - Left	1
14	48171	Control Rod - Right	1
15	48172	Squeeze Bar	1
16	03369	Nut - 5/8-11 Hex Jam	2
17	03381	Speed Nut Fastener - 10-24	22
18	05478	Screw - 1/4-20 x 5/8 Round Head	2
18	02278	Lockwasher - Med. Spring	6
18	03283	Nut - 1/4-20 Hex	2
19	32544	Plate Assembly - Squeegee Handle	1
20	47560	Handle Grip	1
21	32492	Handle Assembly - Squeegee	1
22	48675	Panel - Rear	1
23	03381	Speed Nut - Fastener (See Ref. No. 17)	-
24	01372	Screw - 10-24 x 1/2 Phil. Pan Head	20
25	48683	Wear Strip - Side Panel - Rear	2
26	48684	Wear Strip - Upper Front Panel	1
27	48682	Wear Strip - Side Panel - Front	2
28	01372	Screw (See Ref. No. 24)	-
29	32744	Front Panel Assembly	1
30	03407	Locking Stud (Wing Screw Fastener)	2
30A	49951	Spacer	2
31	04364	Roll Pin - 1/8 Dia. x 1"	2
32	48681	Panel - Left Side Lower	1

WHEN ORDERING PARTS - Please furnish Part Number, Model & Serial Number



KA-320F
FIGURE I

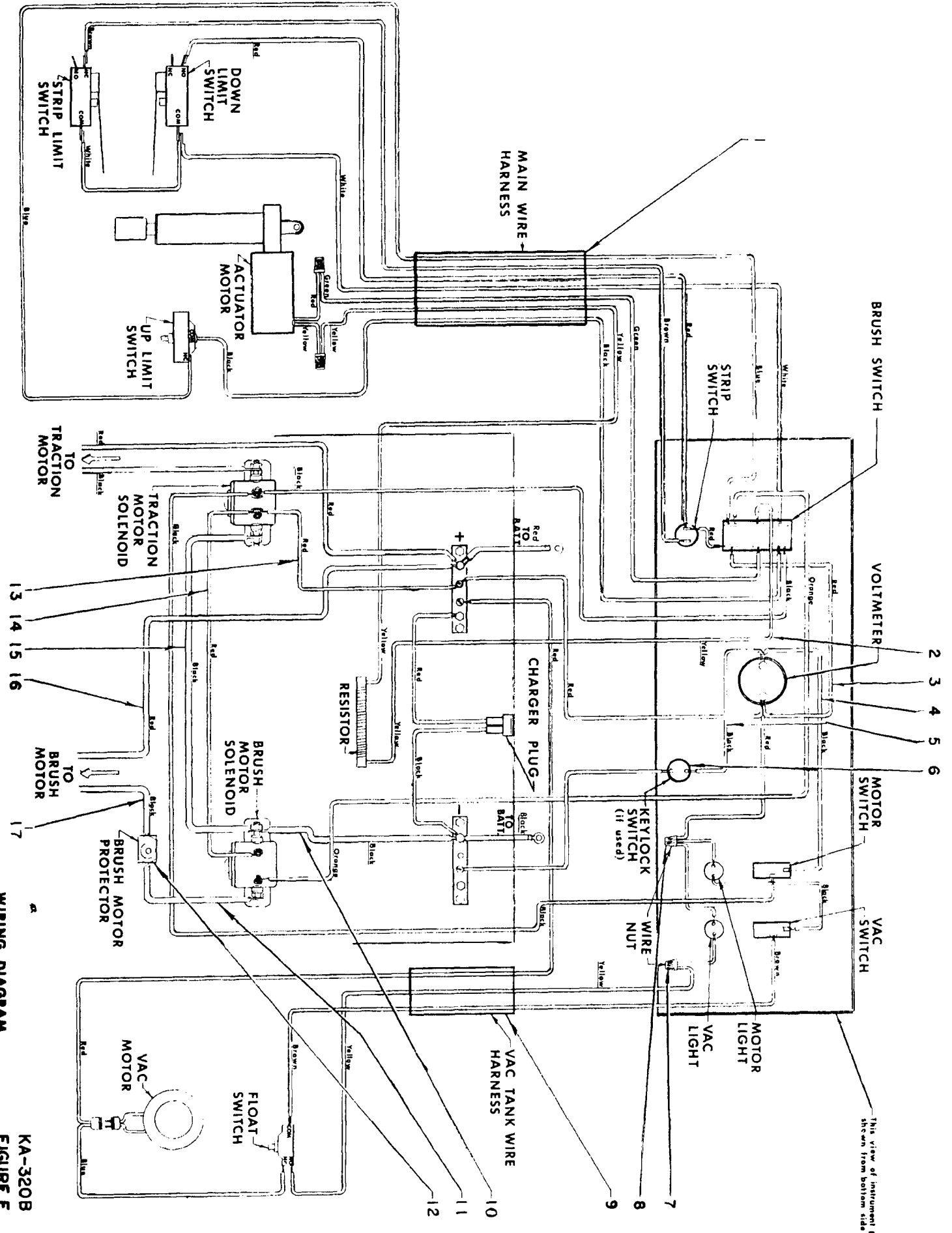
32" BATTERY AUTOMATIC

PARTS LIST

FIGURE E

REF. NO.	PART NUMBER	DESCRIPTION	NO. REQ
1	48653	Cover-Switch	2
2	48050	Extension-Switch	1
3	48188	Label-Instrument Panel (Fig. "D" - Ref. No. 4)	-
4	26506	Push Switch-Brush Pressure Control	1
5	26606	Switch-Actuator	1
6	26503	Voltmeter	1
7	46156	Plug Button	1
8	46008	Pointer Knob	1
9	25316	Pilot Light Assembly (Red)	1
10	26469	Switch-Drive Motor (Red)	1
11	26508	Pilot Light-Amber	1
12	26466	Switch-Vac Motor (White)	1
13	48089	Instrument Panel (See Fig. "D" - Ref. No. 3)	1
14	47925	Guard-Plastic	2
15	02267	Screw-1/4-20 x 1-1/2 Hex Head	4
16	04369	Washer-Nylon Shoulder 1/4 I.D.	4
17	48269	Terminal Bar	2
18	48268	Spacer (Plastic)	4
19	01248	Screw - 6-32 x 1" Round Head	2
19	03274	Nut - 6-32 Hex	2
20	32664	Charger Plug Assembly	1
21	46425	Spacer - 1/4 I.D. x 1/2 O.D. x 1/4 Lg. - Plastic	2
22	26504	Solenoid	2
23	48270	Junction Panel	1
24	26604	Resistor	1
25	01283	Screw - 10-24 x 3/8 Round Head	2
25	05297	Lockwasher - #10 Med. Spring	2
25	03279	Nut - 10-24 Hex	2
26	02237	Screw - 1/4-20 x 1/2 Hex Head	4
26	02278	Lockwasher - 1/4	8
26	03283	Nut - 1/4-20 Hex	8
27	32461	Battery Charger	1
	28806	Fuse - A.C. for Charger - Service Only	1
	28807	Fuse - D.C. for Charger - Service Only	1
	25295	Key Lock Switch (Optional)	1
	09048	Key - For Keylock (Optional)	1

WHEN ORDERING PARTS - Please furnish Part Number, Model & Serial Number



This view of instrument panel shown from bottom side

WIRING DIAGRAM

KA-320B
FIGURE F

SERVICE DIAGNOSIS

MAINTENANCE CHECK LIST

A. Machine will not move

Possible Cause	How to Correct
<ol style="list-style-type: none"> 1 Loose wire 2 Battery condition low 3 Clutch require adjustment 	<ol style="list-style-type: none"> 1 Reconnect 2 Check voltmeter and charge batteries 3 See clutch adjustment Page 9

B Brush Drive Motor will not start --

Possible Cause	How to Correct
<ol style="list-style-type: none"> 1 Brush Drive Switch Ref 46 -- Fig B 2 Loose wire 3 Battery condition low 4 Thermal Protector tripped 	<ol style="list-style-type: none"> 1 Replace switch 2 Reconnect 3 Charge batteries 4 Reset by pushing red button See Klix-on Page 3

C Machine Streaking a Cleaned Floor

Possible Cause	How to Correct
<ol style="list-style-type: none"> 1. Foreign materials lodged under rear squeegee blade 2 Insufficient water flow to brushes 3 Worn squeegee blades 4. Worn brushes or pads 5 Improper squeegee pressure 	<ol style="list-style-type: none"> 1 Raise squeegee and clean blade 2 Clean screen in fresh solution tank and eliminate any restrictions in lines 3 Replace squeegee blade 4 Replace brushes or pads 5 See Squeegee Adjustment, Page 12

D. Solution not being properly picked up --

Possible Cause	How to Correct
<ol style="list-style-type: none"> 1 Clogged pick-up tube 2 Lint filter Ref No 30 Fig C duty 3 Air leaks around vac motor 	<ol style="list-style-type: none"> 1 Remove accumulations 2 Clean lint filter 3 Examine gasket for damage or warped motor well

E Short Operating Time

Possible Cause	How to Correct
<ol style="list-style-type: none"> 1 Battery charge condition very low 2 Constant brush operation strip position 3 Corroded wires or connectors 	<ol style="list-style-type: none"> 1 Recharge batteries fully before beginning operations 2 Use strip-brush cleaning position sparingly 3 Clean thoroughly

SERVICE DIAGNOSIS – MAINTENANCE CHECK LIST:

F Machine pulls to one side -

Possible Cause

- 1 Squeegee dragging only on one side
- 2 One clutch over-driving the other
- 3 Low tire pressure

How to Correct

- 1 Examine squeegee rod
- 2 Adjust clutch per instructions in this catalog Page 9
- 3 Increase tire pressure to 60 lbs

G Machine creeps –

Possible Cause

- 1 Clutch out of proper adjustment
- 2 Linkage requires lubrication

How to Correct

- 1 Adjust clutch per instructions in this catalog Page 9
- 2 Lubricate all linkage pivot points

H Squeegee lever does not pick up squeegee

Possible Cause

1. Squeegee cable Ref No 11 -- Fig B off of pulleys
- 2 Squeegee height requires adjustment

How to Correct

- 1 Place cable in pulleys once again
- 2 See adjustment instructions in this catalog Page 12

I Charges will not come ON

Possible Cause

- 1 DC or AC cords not connected
2. Fuse defective
- 3 Polarity reversed

How to Correct

- 1 Connect
- 2 Replace fuse # 28795
- 3 Correct situation so voltmeter on instrument panel reads correctly

J Brush Head will not lift

Possible Cause

- 1 Loose wire or defective switch

How to Correct

- 1 Check and connect or replace

Any questions that might arise, not covered by this manual, contact the nearest Kent Distributor or write directly to Kent Co., 2310 Industrial Parkway, Elkhart, Indiana 46514

THE KENT LIMITED WARRANTY

Your Kent Equipment, which has been manufactured, tested and inspected in accordance with carefully specified engineering requirements, is warranted to be free from defects in material and workmanship

This warranty is, however, subject to the following qualifications, conditions, and limitations which are set forth to provide you and all users of the Kent Equipment with information concerning the duration, extent, availability, and applicability of this Kent Limited Warranty, the procedure to be taken to obtain its performance, and other information concerning the Kent Warranty policy

DURATION OF WARRANTY AND TO WHOM EXTENDED

This warranty extends for a period of one year from the date of the original purchase of the Kent Equipment by the original purchaser. During this period this warranty is available to such first purchaser and Members of his or her immediate family for the personal use of the Kent Equipment or on behalf of such first purchaser,

OR

Members of his or her immediate employment

PARTS OF KENT EQUIPMENT NOT COVERED BY WARRANTY

Certain parts of Kent Equipment require replacement in the ordinary course of use due to normal wear by reason of their characteristics. These are normal wear items such as cords, gaskets, switches, bumpers, carbon brushes, handle grips, bags, hoses, etc

EXCEPTIONS AND EXCLUSIONS FROM WARRANTY

This equipment is required to be used on electric current as indicated on the name plate. Otherwise damage, defects, malfunctions or other failures of the equipment arising from use on electric current not as indicated are excepted and excluded from this warranty.

Defects, malfunctions, failure or damage of the equipment caused by improper, unreasonable or negligent use or abuse while in the possession of the purchaser are likewise excluded from this warranty.

If repair is done on your equipment by anyone other than those below designated as authorized to perform such work without first having obtained factory instructions, The Kent Company, at its sole option, may determine that this warranty will not apply and that reimbursement for such repair will not be made because of the failure to comply with such factory specified instructions.

PROCEDURE TO BE TAKEN TO OBTAIN PERFORMANCE OF WARRANTY

REPAIR

To secure repair of the equipment or any warranted parts under this warranty, the following procedure should be taken:

The inoperative equipment or warranted parts, together with satisfactory evidence of the purchase date, must be delivered, with shipping and delivery charges prepaid, to one of the following:

- 1) The Dealer from whom purchased,
- 2) Any Kent distributor's Service Department in the United States,
- 3) Any Kent Authorized Service Station in the United States

If you are unable to locate any of the foregoing, you may write or otherwise communicate with The Kent Company, Division of Dometic Incorporated, for instructions before repair service is performed by anyone else. In such event, The Kent Company will provide either the location of a closely available Kent distributor Service Department or Kent Authorized Service Station or other factory instructions.

Upon compliance with the above procedure, all warranted defects will be repaired, at no additional charge or costs to the customer, and the repaired product returned to the customer, with all shipping and delivery charges prepaid.

In following the procedures above set forth, PLEASE MAKE CERTAIN to state the Kent model, type and serial number as shown on the name plate of the equipment.

REPLACEMENT

In the event of a defect, malfunction or failure of your Kent Equipment or any warranted part to conform with this warranty, The Kent Company may, at its sole option and own expense, replace the equipment or any warranted part with another new identical or reasonably equivalent model or part in lieu of repairing the defect.

NO REFUND OF PURCHASE PRICE

The Kent Company will not, as a matter of its warranty policy, refund the customer's purchase price.

WARRANTY REGISTRATION CARD FOR YOUR KENT EQUIPMENT AND REQUESTS FOR INFORMATION

Please fill out the warranty registration card accompanying your Kent Equipment, giving complete information as requested on the card, and return to the factory.

Any information or questions you may have concerning your Kent Equipment or this warranty may likewise be secured from the factory.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

KENT
BY
THE KENT COMPANY
ELKHART, INDIANA 46514