

**PACIFIC**

**26B AND 32B**

**ADJUSTMENTS  
AND  
INSPECTIONS**

## ADJUSTMENTS AND INSPECTIONS 26B AND 32B

INSPECTION OF ELECTRICAL EQUIPMENT	Location
<p><b>Check the functionality of electrical components.</b></p> <ol style="list-style-type: none"> <li>1. Disconnect the battery plug.</li> <li>2. Make sure the battery terminals are clean and tight.</li> <li>3. Check the power cable connections: remote control switches, fuses, motors, etc.</li> <li>4. Re-connect the battery connector.</li> <li>5. Check the signal lamps and the switches:  <ul style="list-style-type: none"> <li>Check the brush motor switch and its' signal lamp.</li> <li>Check the solenoid valve switch and its' signal lamp.</li> <li>Check the vacuum motor switch and its' signal lamp.</li> </ul> </li> <li>6. Check the operation of the hourmeter.</li> </ol>	<p>Drawing 12 - Page 24</p>
<p><b>Check the functionality of the chopper control: forwards, backwards, acceleration and braking.</b></p> <ol style="list-style-type: none"> <li>1. If the LED alarm is blinking, consult the descriptions on page 33.</li> <li>2. If necessary, adjust the chopper card (part number 67900041) as follows: <ol style="list-style-type: none"> <li>a) Using an ohm meter: Insert the pins of the tester between points 6 &amp; 7 (<i>cable 21</i>) of the chopper connector. When the forward and backward microswitches are released, the resistance indicated for each should be similar. The difference should be no more than 10 ohms and the value between 50 and 80 ohms. Verify that the end scale values of the potentiometer are similar.</li> </ol> <p>If you have different values, center the <u>potentiometer</u>. First loosen the <u>nut</u> that secures the pinion on the shaft, then rotate the potentiometer's shaft on the <u>pinion</u>.</p> <ol style="list-style-type: none"> <li>b) Rotate the <u>motor trimmer</u> counterclockwise up to the limit of its stroke.</li> <li>c) Rotate the <u>trimmer for braking</u> clockwise to the limit stop. Check that the machine will stop within one meter (about three foot) after the release of the drive control, when running at the maximum speed.</li> <li>d) Using a voltmeter, connect the pins onto the motor terminals. Then adjust the <u>trimmer for acceleration</u> in order to pass from 0 V to about 36 V in about 3-4 seconds, while moving the acceleration lever to the maximum. Note: Turning trimmer clockwise decreases the acceleration.</li> <li>e) Adjust the <u>trimmer Volt minimum</u>: At the release of the forward and backward microswitches, the motor tension should be set at approximately 3-5 Volts.</li> </ol> </li> </ol>	<p>Chopper Card - Page 32</p> <p>Drawing 12-Item 08-Page 24  Drawing 12-Item 64-Page24  Drawing 12-Item 09-Page24</p> <p>Wiring Diagram-Item 21-Pg.28</p> <p>Wiring Diagram-Item 26-Pg.28</p> <p>Wiring Diagram-Item 23-Pg.28</p> <p>Wiring Diagram-Item 22-Pg.28</p>

## ADJUSTMENTS AND INSPECTIONS

### 26B AND 32B

Chopper Card Adjustment continued	Location
<p>f) Adjust the <u>trimmer Volt maximum</u> for battery: At maximum speed, there should be 36 Volts across the motor terminals. This voltage should decrease immediately when the acceleration lever is released.</p>	Wiring Diagram-Item 24-pg.28
<p>g) Adjust the <u>trimmer for backward speed</u>: The recommended voltage across the motor terminals when at the maximum backward speed is 18 Volts. Note: Turning the trimmer clockwise increases the speed and counterclockwise decreases the speed.</p>	Wiring Diagram-Item 25-Pg.28

INSPECTION OF WATER SUPPLY	Location
<p>1. Check the cleanliness and position of the <u>solution filter</u>.</p>	Drawing 10-Item 10-Page 20
<p>2. Fill the <u>solution tank</u> with water.</p>	Drawing 10-Item 01-Page 20
<p>3. Check the hose connections and the <u>water valve</u>.</p>	Drawing 10-Item 06-Page 20
<p>4. Confirm that there is a steady flow of solution water to the floor when the valve is open.</p>	

INSPECTION OF VACUUM ASSEMBLY	Location
<p>1. Check the cleanliness and functionality of the <u>filter and float</u>.</p>	Drawing 09-Item 03-Page 18 Drawing 09-Item 04-Page 18
<p>2. Check the air seal of the <u>cover</u> on the recovery tank.</p>	Drawing 09-Item 08-Page 18
<p>3. Check the <u>vacuum hose</u> and the <u>squeegee hose</u> connections.</p>	Drawing 09-Item 11-Page 18 Drawing 08-Item 19-Page 16
<p>4. Check the cleanliness and the tightness of the <u>squeegee hose</u> on the tank outlet.</p>	Drawing 08-Item 19-Page 16
<p>5. Make sure the <u>drain hose and plug</u> are securely attached.</p>	Drawing 08-Item 23-Page 16

## ADJUSTMENTS AND INSPECTIONS

### 26B AND 32B

SQUEEGEE ADJUSTMENT	Location
1. First loosen the height adjusting <u>knobs</u> .	Drawing 06-Items 10-Page 12
2. The rear squeegee blade's inclination can be adjusted in its' center section by turning the <u>adjuster knob</u> . This adjustment is provided in order to obtain even bending across the whole blade.	Drawing 06-Item 13-Page 12
3. The distance from the floor to the squeegee is adjusted by changing the height of the wheels using two <u>knobs</u> . Turn clockwise to lift the squeegee and counterclockwise to lower it. The blade should be uniformly tilted backwards along its' whole length. Its' angle should be around 30° to 45°.	Drawing 06-Items 10-Page 12
4. Check the lifting height, if necessary adjust the <u>tie rod/adjuster</u> , then tighten the <u>nuts</u> .	Drawing 06-Item 16-Page 12 Drawing 06-Item 58-Page 12

BRUSH ADJUSTMENT	Location
1. With the brush base down, adjust the <u>traction springs</u> of the motor to the length of 86 to 90 mm (3.4 to 3.5 inches) from the inside of the <u>screw</u> to the end of the spring.	Drawing 03-Item 13-Page 6 Drawing 03-Item 68-Page 6
2. The rear section of the brushes should touch the floor at the same time. The front of the brushes should be about 5 to 8 mm (0.2 to 0.3 inches) higher than the rear section. Adjust the <u>support</u> forward or backward if necessary. Also adjust the screw limit stop to avoid any moving part touching the support.	Drawing 01-Item 04-Page 2
Note: If the front of the brushes are too high, the machine will pull to the right and it lead to uneven brush wear.	
3. Adjustment of the two <u>lift arms</u> and <u>pressure springs</u> : Turn the <u>screw</u> in each <u>fork</u> to adjust the spring compressions to 78 to 80 mm (about 3.1 inches). Tighten the nuts.	Drawing 03-Item 11-Page 6 Drawing 03-Item 19-Page 6 Drawing 03-Item 15-Page 6 Drawing 03-Item 16-Page 6 Drawing 03-Item 18-Page 6
4. With the brush base lifted adjust the <u>screw</u> M10 (rest arm support) so the <u>brush base cover</u> doesn't touch the tank or the frame. Tighten the nut.	Drawing 03-Item 71-Page 6 Drawing 01-Item 27-Page 2

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### 26B AND 32B

ACTUATOR ADJUSTMENT	Location
<p>Bend the metallic lever of the <u>microswitch</u> so that the brush base rise is stopped when the <u>control lever</u> is approximately 5 mm (0.2 inches) from the <u>microswitch support</u>.</p> <p>Utilize the maximum pressure notch on the <u>adjustment lever</u>. Then lower the brush base until the <u>microswitch of the limit stop</u> releases. Now verify that the <u>worm</u> still has 10 mm (0.4 inches) of run. If not, adjust the preloading on the spring <u>tie rod</u>.</p>	<p>Drawing 13-Item 15-Page 26            Drawing 03-Item 05-Page 6            Drawing 13-Item 14-Page 26</p> <p>Drawing 13-Item 02-Page 26            Drawing 13-Item 16-Page 26            Drawing 13-Item 08-Page 26            Drawing 13-Item 20-Page 26</p>

BRAKE ADJUSTMENT	Location
<p>1. Handbrake: The distance from the <u>lever</u> to the <u>microswitch</u> should be no more than 3 to 4 mm. To obtain, adjust the length of the <u>brake cable</u>.</p> <p>2. <u>Brake Pads</u>: With the brake on, check the braking uniformity by turning the machine both left and right. The wheels should be equally blocked. Tighten the adjuster <u>nuts</u>.</p>	<p>Drawing 05-Item 10-Page 10            Drawing 05-Item 09-Page 10            Drawing 05-Item 05-Page 10</p> <p>Drawing 05-Item 02-Page 10            Drawing 05-Item 58-Page 10</p>

OIL FOR GEARS	Location
<p>1. <u>Geared Traction Motor</u>: The oil level should reach the transparent cap oil level. Add Shell Omala 220 if necessary, 0.25-0.35 liters.</p> <p>2. 32B Only - Reduction Gears Assembly: The oil level should reach the <u>transparent cap oil level</u>. Add Shell Omala 460 if necessary, 0.35kg.</p>	<p>Drawing 04-Item 01-Page 8</p> <p>Drawing 02-Item 25-Page 4</p>

FINAL INSPECTION	Location
<p>Check all the basic functions of the machine: washing, drying, forward and backward movement.</p>	

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