2. Turn machine upright on its wheels.
3. Lift cabinet assembly by its handles to separate solution cabinet from the base. Use a screwdriver to pry the sections apart if necessary.
4. Lay cabinet assembly on its side. Use a box or carton the height of the base assembly to rest it on.

VACUUM MOTOR
1. To remove vacuum motor, disconnect wires and the cord tie-down.
2. Lift out vac motor, being careful not to damage seals.
3. To inspect brushes, remove metal wraparound from the vac motor (one screw). Remove brush hold-downs. New brush length is 1".
4. Inspect vacuum intake opening for lint. If there are large accumulations, the fan section should be disassembled and cleaned.

PUMP
To remove pump, disconnect wires, hoses and cord tie-down, and remove four screws holding pump to base.

To Inspect Or Repair Pump:
Refer to pump parts drawing in manual.

CAUTION: The pump suction cover is a nylon brass fittings not to cross-thread the fittings.

4. Inspect vacuum intake opening for lint. If there are large accumulations, the fan section should be disassembled and cleaned.

ELECTRIC BOX
To gain access to electrical components, four screws must be removed, each on each side of the electrical box cover. Remove box to expose switches and electrical connections.

IMPORTANT: Ground wires are attached to the electrical box with ground screw.

SENSOR SYSTEM OPTION GENERAL OPERATION
The purpose of the Sensor System is to protect the pump from damage due to dry operation and to protect the vacuum from damage due to over-flow of waste water. The Sensor System is functional when the sensor switch is in the "ON" position.

Operation of the Sensor System is dependent on low voltage electricity being conducted through water. Because the conductivity of local water and detergent can vary widely, adjust the sensitivity provided to enable you to adjust your own local conditions and chemicals.

The pump adjustment screws are located to the left of the pump and vacuum switches.

The Sensor System is sensitive to two conditions:

VACUUM
Two metallic probes are located in the bottom of the vacuum tank well. In normal machine operation, these probes are dry and have no current flow. However, if moisture is present from excess foam or bucket overflow, low voltage current will flow causing the sensor to shut the machine off. The red indicator light under the adjusting screw will light up indicating that lack of cleaning solution has caused the sensor to operate.

If the Sensor System shuts off the machine as described above, both Pump and Vacuum are shut down, not just one or the other. The sensor switch allows the machine to be used to vacuum out the solution tank at the end of a cleaning job. However, care must be exercised that the pump is not operated when the solution tank is being emptied.

The sensor switch may also be used in event of a malfunction of the Sensor System. In that event, care must be exercised to maintain an adequate supply of cleaning solution and not to overflow the waste-water bucket.

SENSOR SYSTEM ADJUSTMENT PROCEDURE
Clockwise rotation of either adjustment screw increases sensitivity. However, always adjust your machine with normal cleaning solution, not plain water.

Step 1. Fill the solution tank with normal cleaning solution. Turn the Sensor switch ON.
Step 2. Turn the Pump adjustment fully to the right (clockwise) maximum sensitivity.
Step 3. Turn the Vacuum adjustment fully to the left (counterclockwise) minimum sensitivity.
Step 4. Place a rag dampened with cleaning solution on top of the two metallic sensors in the waste-water bucket. Slowly turn the vacuum adjustment to the right just to the point where the sensor operates (pump shuts off). Then turn back approximately 1/4 turn to the right (clockwise) with the pump running.

In actual operation you may wish to increase or decrease the sensitivity of the system particularly in the vacuum chamber. Make the adjustments in increments of 1/8 turn in order to maintain adequate operation.

CHEMICALS
The ABS plastic used in the tank is suitable for use with most carpet cleaning chemicals. But it is susceptible to chemical attack from some cleaning substances, such as hydrocarbon solvents and chlorinated bleaches. These noncompatible materials are not of the type normally used for carpet cleaning.

SUITABLE CHEMICALS
Alkalis
Bleach
Defoaming Agents
Detergents
Ethylene Glycol
Hydroxides
Oxygen Bleaches
Scour
S-Pha-Puf Fabric Softener
Vinegar
White Monkey Bleach

NONCOMPATIBLE CHEMICALS
Aldehydes
Aromatic Hydrocarbons
Bulyis
Carbontetrachloride
Chlorox
Chlorinated Bleaches
Chlorinated Hydrocarbons
Lye
Methyls (MEX)
Perchloroethylene
Phenols
Trichloroethylene
TROUBLE SHOOTING CHART

PROBLEM | POSSIBLE CAUSE | SOLUTION
--- | --- | ---
No power to machine | Check starting circuit breaker or fuse box | Replace
Electrical shock | Power switch failure | Replace
Motor speed varies or doesn't run | Motor burn-out | Replace
Loss of vacuum | Loose vacuum hose | Replace
Cigarette burnout on vacuum hose | Replace
Vacuum motor seals worn | Replace
Vacuum chamber plugged | Replace
Require of vacuum | Replace
Wet carpet in use | Check vacuum system or hose for leaks | Replace
Excessive moisture in office | Reduce amount or change cleaner | Replace
Solution problems | Solution head stuck in front of pump | Replace
Solution won't shut off | Faulty booster solution valve | Repair or replace

LIMITED WARRANTY

WINDSOR warrants to the original purchaser/purchaser that this product is free from defects in workmanship and materials under normal use and service for a period of one year from the date of purchase. WINDSOR will, at its option, repair or replace without charge, except for transportation costs, parts and labor, this product, which have been proved to be defective. This limited warranty does not apply to damage resulting from accident, misuse, or unauthorized repair or adjustments, or use of this product with accessories other than those furnished by WINDSOR. This warranty is in lieu of all other warranties expressed or implied and is effective from the date of purchase. WINDSOR is not responsible for the costs of any equipment damaged by the use of this product. WINDSOR does not warrant the equipment in use with noncompatible chemicals. Use the equipment in accordance with the instructions. If a difficulty develops with this machine, you should contact the dealer from whom it was purchased.

WINDSOR INDUSTRIES, INC.
1351 W. Stanford Ave.
Englewood, CO 80110
303/762-1800
TWX 910-931-0565

PUMP PARTS LIST

<table>
<thead>
<tr>
<th>KEY</th>
<th>PART NO.</th>
<th>DESCRIPTION</th>
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<tbody>
<tr>
<td>55016</td>
<td>Pump and Motor Assy, 110V</td>
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<tr>
<td>55010</td>
<td>Pump and Motor Assy, 220V</td>
<td></td>
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<tr>
<td>53016</td>
<td>Motor, 110V</td>
<td>5-7-8-9-47015 Pump Repair</td>
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<tr>
<td>53017</td>
<td>Motor, 220V</td>
<td>6-27077 Bearing Cover</td>
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<td>61003</td>
<td>Rectifier Assy</td>
<td>10-41010 Pump Housing</td>
</tr>
<tr>
<td>65023</td>
<td>Plate, Motor Mounting</td>
<td>12-72037 Pressure Switch</td>
</tr>
</tbody>
</table>

DOMINATOR WIRING DIAGRAM

DOM S SENSOR SYSTEM WIRING DIAGRAM