Read instructions before operating the machine.
OVERVIEW

The PILEJOGGER can be operated with all Windsor® hot water soil extractors. If used with other machines, the extraction unit pump must produce a minimum of 25 psi. If the Pilejogger is be used with the Dominator Professional or other machines capable of 200psi, correctly sized stainless steel jets are required (order optional SS Jet Kit 86025360 -PRV NO.#47058).

! WARNING: Do NOT use with extractors producing over 200 psi.
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### HOW TO USE THIS MANUAL

#### How to use this Manual

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This manual contains the following sections:

- HOW TO USE THIS MANUAL
- SAFETY
- OPERATIONS
- MAINTENANCE
- PARTS LIST

The HOW TO USE THIS MANUAL section will tell you how to find important information for ordering correct repair parts.

Parts may be ordered from authorized Windsor dealers. When placing an order for parts, the machine model and machine serial number are important. Refer to the MACHINE DATA box which is filled out during the installation of your machine. The MACHINE DATA box is located on the inside of the front cover of this manual.

The model and serial number of your machine is on the bottom back-end of the machine.

The SAFETY section contains important information regarding hazard or unsafe practices of the machine. Levels of hazards is identified that could result in product or personal injury, or severe injury resulting in death.

The OPERATIONS section is to familiarize the operator with the operation and function of the machine.

The MAINTENANCE section contains preventive maintenance to keep the machine and its components in good working condition. They are listed in this general order:

- Daily Maintenance
- Troubleshooting
- Wiring Diagram

The PARTS LIST section contains assembled parts illustrations and corresponding parts list. The parts lists include a number of columns of information:

- REF - column refers to the reference number on the parts illustration.
- PART NO. - column lists the part number for the part.
- PRV NO. - Reference number
- QTY - column lists the quantity of the part used in that area of the machine.
- DESCRIPTION - column is a brief description of the part.
- SERIAL NO. FROM - column indicates the first machine the part number is applicable to. When the machine design has changed, this column will indicate serial number of applicable machine.
- NOTES - column for information not noted by the other columns.

NOTE: If a service or option kit is installed on your machine, be sure to keep the KIT INSTRUCTIONS which came with the kit. It contains replacement parts numbers needed for ordering future parts.
IMPORTANT SAFETY INSTRUCTIONS
When using an electrical appliance, basic precaution must always be followed, including the following:
READ ALL INSTRUCTIONS BEFORE USING THIS MACHINE.

WARNING: To reduce the risk of fire, electric shock, or injury:

Do not operate without filters (dry or wet) in place.

Use only indoors. Do not use outdoors or expose to rain.

Use only as described in this manual. Use only manufacturer’s recommended components and attachments.

If the machine is not working properly, has been dropped, damaged, left outdoors, or dropped into water, return it to an authorized service center.

Do not operate the machine with any openings blocked. Keep openings free of debris that may reduce airflow.

This machine is not suitable for picking up hazardous dust.

Machine can cause a fire when operating near flammable vapors or materials. Do not operate this machine near flammable fluids, dust or vapors.

This machine is suitable for commercial use, for example in hotels, schools, hospitals, factories, shops and offices for more than normal housekeeping purposes.

Maintenance and repairs must be done by qualified personnel.

During operation, attention shall be paid to other persons, especially children.

When leaving unattended, secure against unintentional movement.

The machine shall only be operated by instructed and authorized persons.

When leaving unattended, switch off or lock the main power switch to prevent unauthorized use.

Do not handle the plug or machine with wet hands.

Do not unplug machine by pulling on cord. To unplug, grasp the plug, not the cord.

Do not use with damaged cord or plug. Follow all instructions in this manual concerning grounding the machine.

Do not pull or carry by cord, use cord as a handle, close a door on cord, or pull cord around sharp edges or corners.

Do not pull/run machine over cord. Keep cord away from heated surfaces.

Connect to a properly grounded outlet. See Grounding Instructions.

SAVE THESE INSTRUCTIONS
HAZARD INTENSITY LEVEL

The following symbols are used throughout this guide as indicated in their descriptions:

HAZARD INTENSITY LEVEL
There are three levels of hazard intensity identified by signal words - WARNING and CAUTION and FOR SAFETY. The level of hazard intensity is determined by the following definitions:

⚠️ WARNING

WARNING - Hazards or unsafe practices which COULD result in severe personal injury or death.

⚠️ CAUTION

CAUTION - Hazards or unsafe practices which could result in minor personal injury or product or property damage.

FOR SAFETY: To Identify actions which must be followed for safe operation of equipment.
Report machine damage or faulty operation immediately. Do not use the machine if it is not in proper operating condition. Following is information that signals some potentially dangerous conditions to the operator or the equipment. Read this information carefully. Know when these conditions can exist. Locate all safety devices on the machine. Please take the necessary steps to train the machine operating personnel.

FOR SAFETY:
DO NOT OPERATE MACHINE:
Unless Trained and Authorized.
Unless Operation Guide is Read and understood.
In Flammable or Explosive areas.
In areas with possible falling objects.

WHEN SERVICING MACHINE:
Avoid moving parts. Do not wear loose clothing; jackets, shirts, or sleeves when working on the machine. Use Windsor approved replacement parts.
THIS PRODUCT IS FOR COMMERCIAL USE ONLY.

ELECTRICAL:
In the USA this machine operates on a standard 15 amp 115V, 60 hz, A.C. power circuit. The amp, hertz, and voltage are listed on the data label found on each machine. Using voltages above or below those indicated on the data label will cause serious damage to the motors.

EXTENSION CORDS:
If an extension cord is used, the wire size must be at least one size larger than the power cord on the machine, and must be limited to 50 feet (15.5m) in length.

GROUNDING INSTRUCTIONS:
This appliance must be grounded. If it should malfunction or break down, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This appliance is equipped with a cord having an equipment-grounding conductor and grounding plug. The plug must be inserted into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

This appliance is for use on a nominal 120-volt circuit, and has a grounded plug that looks like the plug in “Fig. A”. A temporary adaptor that looks like the adaptor in “Fig. C” may be used to connect this plug to a 2-pole receptacle as shown in “Fig. B”, if a properly grounded outlet is not available. The temporary adaptor should be used only until a properly grounded outlet (Fig. A) can be installed by a qualified electrician. The green colored rigid ear, lug, or wire extending from the adaptor must be connected to a permanent ground such as a properly grounded outlet box cover. Whenever the adaptor is used, it must be held in place by a metal screw.
OPERATIONS

USING PILEJOGGER II WITH EXTRACTOR

1. Connect vacuum and solution hoses to PILEJOGGER.
2. Plug power cord into properly grounded outlet.
3. Move PILEJOGGER to starting place. Turn on brush drive motor by depressing foot switch located on top of cleaning head. Depress solution valve lever fully and move backward at a steady pace (25 to 30 feet per minute).
   NOTE: Lift the handle slightly as you move backward so the weight is almost off the rear roller. This will bring the vacuum orifice and brush into proper contact with carpet.
4. Release solution valve lever approximately 6 inches before reaching the end of the cleaning pass to ensure that all solution is extracted.
5. Make the next cleaning pass beside the first, overlapping about 1 inch.
6. Reverse direction and clean balance of room.
   CAUTION: To prevent possible damage to the carpet, never let the PILEJOGGER stand in one place with the brush running.
DAILY MAINTENANCE
1. Vacuum unused cleaning solution from solution tank into recovery bucket.
2. Flush two gallons of clean water through pumping system of extractor, PILEJOGGER and hand tools. Twice a month, flush a vinegar solution (one quart white vinegar to two gallons water) or browning prevent solution (mixed as directed) through extractor and PILEJOGGER. This will minimize buildup of alkaline residue in the system.
3. Remove carpet lint from brush fibers and underside of brush housing. Flush out with water.
4. Check for carpet lint buildup in vac shoe. Clean out and flush with water.
5. If spray jets become clogged, remove from manifold, wash and blow-dry to remove obstruction. Do not use pins, wires, etc. to clean jets as this could destroy spray pattern.
6. Apply silicone lubricant to quick-disconnect fittings.

TROUBLESHOOTING

<table>
<thead>
<tr>
<th>PROBLEM</th>
<th>CAUSE</th>
<th>SOLUTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>No power to brush</td>
<td>Dead electrical circuit</td>
<td>Check building circuit breaker or fuse box</td>
</tr>
<tr>
<td></td>
<td>Faulty switch</td>
<td>Replace</td>
</tr>
<tr>
<td></td>
<td>Faulty electrical cable</td>
<td>Replace</td>
</tr>
<tr>
<td>Brush motor speed varies or doesn't run</td>
<td>Faulty motor</td>
<td>Replace</td>
</tr>
<tr>
<td></td>
<td>Faulty switch</td>
<td>Replace</td>
</tr>
<tr>
<td>Loss of vacuum</td>
<td>Loose cuff on vac hose</td>
<td>Tighten cuffs (turn counterclockwise)</td>
</tr>
<tr>
<td></td>
<td>Vac chamber plugged</td>
<td>Wash out with hose. Pick lint out with wire.</td>
</tr>
<tr>
<td></td>
<td>Broken vac hose</td>
<td>Replace</td>
</tr>
<tr>
<td>Solution hose quick disconnects hard to insert</td>
<td>Corrosion on fittings</td>
<td>Clean fitting by soaking in vinegar solution, lubricate lightly with silicon lube</td>
</tr>
<tr>
<td>Solution won't shut off</td>
<td>Faulty solution valve</td>
<td>Repair or replace</td>
</tr>
<tr>
<td>Clogged spray jets</td>
<td>Corrosion</td>
<td>Clean with steel wool and vinegar solution; wipe dry after each use.</td>
</tr>
<tr>
<td>Carpet not clean</td>
<td>Severe soil conditions</td>
<td>Make more than one pass at right angle to first pass. Prespray.</td>
</tr>
<tr>
<td>Carpet too wet</td>
<td>Loss of vacuum</td>
<td>Check vac system for leaks</td>
</tr>
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</table>

WIRING DIAGRAM
| REF | PART NO. | PRV NO. | QTY | DESCRIPTION | SERIAL NO. FROM | NOTES:
<table>
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<tr>
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**Notes:**
## 230V SERVICE PARTS

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<th>DESCRIPTION</th>
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<td>MOTOR ASM, 230V DC PM</td>
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<td>86261060</td>
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<td>14308</td>
<td>CIRCUIT BREAKER, .8A (230V)</td>
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