

WARNING RISK OF POTENTIAL INJURY: To reduce the risk of injury, unplug before adding the drive pad assembly or any other service to the machine.

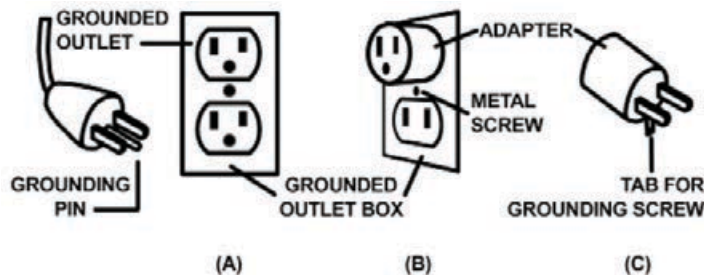
WARNING: Improper connection of the machine grounding conductor can result in a risk of electric shock.

GROUNDING: This machine must be grounded. If it should malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This machine is equipped with a cord having 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.

Consult with a qualified electrician or technician if you are in doubt as to the electrical outlet being properly grounded. Do not modify the plug equipped with this machine. If the machine does not fit the electrical outlet, arrange for a proper outlet to be installed by a qualified electrician.

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

NOTE: In Canada, the use of a temporary adapter is not permitted by the Canadian Electrical Code.



ABOUT THE MACHINE

Assembly: Refer to separate assembly instruction sheet enclosed.

Handle Position: Adjust the handle to the desired height and lock cam handle lever.

WARNING: Do not turn machine when handle is in upright locked position.

Brush Attachment Removal:

With cable unplugged, LOCK handle in upright position and tilt machine back on the handle until the underside of the machine is visible. For scrubbing, polishing brushes and/or pad drivers which utilize synthetic floor pads, position the three slots of the center clutch plate over the three lugs on the gearbox or transmission. Turn the brush to the left, as far as it will go until secure and in a ready-to-use position. If using synthetic floor pads, it is easier to attach the floor pad prior to installing drive pad assembly. To remove, turn the brush or pad driver to the right and disengage the clutch plate from the gearbox or transmission.

OPERATING THE FLOOR MACHINE

Connect power cable to a proper electrical outlet. Activate motor by releasing the safety latch located on front of handle switch box, and, at the same time, squeeze the trigger levers below the main handle grips.

This machine is designed to move from side to side. To guide right, raise the handle slightly. The higher the handle is raised, the faster the machine will move to the right. Conversely, to guide left, lower the handle. The more the handle is lowered the faster the machine will move left.

WARNING: DO NOT LEAVE A PLUGGED-IN MACHINE UNATTENDED.

SELECTING PROPER SIZE OF BRUSH/PAD DRIVER:

Sterling Floor Machines come in 17-inch and 20-inches diameters. This is the nominal machine size based on a scrubbing or shampoo brush reaching a full spread under the weight of the floor machine. The block diameter of brush or pad driver is normally two (2) inches less than the nominal brush size. A 20-inch brush has a block diameter of 18-inches. The underside diameter of the floor machine deck is commonly 1.5 to 2 inches smaller than the nominal size of the machine. Note: The cleaning path of the floor machine, i.e. 17-inch or 20-inch, is define by the brush spread (under the weight of the floor machine), or using a diameter floor pad that matches the floor machine model number, S17F (17" pad) or S20F (20" pad).

CARE AND MAINTENANCE

This machine will provide many years of trouble free service provided it is given proper care during use, transporting and storage. A severe drop or high impact against stationary objects may result in damage and invalidate the warranty. For best results, use a synthetic floor pad that is clean and cut evenly so there is a minimum of wobble or vibration. Change synthetic floor pads often since a heavily loaded pad could throw the machine off-balance.

CAUTION: Do not lubricate this machine. Lubrication has been applied and is permanently sealed at the factory

STORAGE: Remove the brush or pad driver when storing your floor machine. Pads can be cleaned by washing in warm water and a mild detergent, rinsing, and hanging up to dry.

TROUBLESHOOTING GUIDE

Machine will not start

- Power cord not properly engaged into electrical wall outlet.
- Circuit breaker tripped or blown building fuse.
- Damaged power cord or plug
- Defective wire connection inside switch box.
- Defective on/off switch.
- Defective start-up capacitor.
- Defective pigtail connection
- Defective motor.

Machine starts but won't reach or hold running speed (may be accompanied by a "clicking" noise)

- Defective motor starting switch.
- Replace both rotating and stationary portions of switch.
- Building circuit is overloaded.
- Electrical short exists within the machine.
- Floor pad is loaded excessively with dirt or floor solution residue.
- Low voltage (electrical supply).
- Undersized extension cord.



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