

PORTER 14 SWEEPER

IMPORTANT SAFETY INSTRUCTIONS



WARNING: Failure to observe these instructions can cause personal injury to machine operator or bystanders.



WARNING: Fire or explosion hazard. **NEVER** operate this machine in an explosive atmosphere (grain dust, flammable liquids or fumes, etc.).



WARNING: Fire or explosion hazard. **NEVER** use flammable liquids, (gas, kerosene, solvents, or thinners) to clean the floor. **NEVER** use this machine to pick up anything that is burning or smoking, such as cigarettes, matches, or hot ashes.

INTENDED USE

The Porter 14 Sweeper is intended for commercial use, sweeping floors in an indoor environment. NSS does not recommend using these machines for any other purpose.

FOR SAFETY

- **ALWAYS** read and understand all instructions before operating or servicing machine.
- **ALWAYS** use this machine **ONLY** as described in this manual.
- **NEVER** attempt to operate this machine unless you have been trained in its operation.
- **NEVER** allow an untrained person to operate this machine.
- **NEVER** attempt to operate this machine if it is not working properly or has been damaged in any manner.
- **NEVER** disconnect or modify any switches or safety devices.
- **NEVER** drop or insert any object into any machine opening.
- **NEVER** allow this machine to be used as a toy. Close attention is necessary when used by or near children.
- **ALWAYS** keep face, fingers, hair or any other body part or loose clothing away from any machine opening or moving part (revolving brush).
- **ALWAYS** use extreme care when cleaning on stairs or when machine is placed on stairs.
- **NEVER** operate machine with out debris box in place.
- **NEVER** spray this machine with water or any other liquids.

- **NEVER** operate this machine outdoors.
- **NEVER** expose the machine to rain, snow, or extreme temperatures.
- **ALWAYS** store this machine indoors in a dry, cool area.
- **ALWAYS** charge in a well-ventilated area away from open flame.
- **ALWAYS** read and understand all instructions before installing or charging battery.
- **NEVER** attempt to install or charge battery unless you have been trained to do so.
- **NEVER** allow an untrained person to install or charge battery.
- **ALWAYS** remove all jewelry when working on or near the battery.
- **ALWAYS** remove battery before performing any service.
- **NEVER** lay anything on top of battery as arcing may occur.
- **NEVER** set battery directly on its contacts.
- **ALWAYS** turn off machine prior to installing battery.
- **ALWAYS** read instructions on charging carefully.
- **ALWAYS** use the NSS supplied charger with proper voltage rating.
- **NEVER** operate this machine with a broken or damaged battery. Always inspect the battery for any cracks or damage.
- **NEVER** charge your machine on a damp or wet surface.
- **NEVER** charge this machine near an open flame or where there could be sparks.

ALL REPAIR SERVICE MUST BE PERFORMED BY AN NSS AUTHORIZED DISTRIBUTOR / SERVICE STATION USING ONLY NSS ORIGINAL EQUIPMENT PARTS.

SAVE THESE INSTRUCTIONS



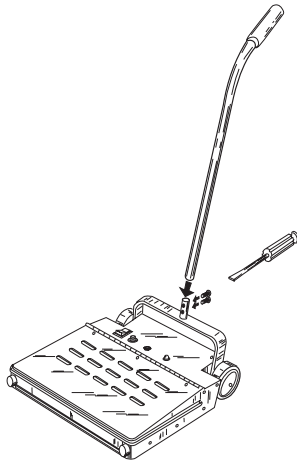
GENERAL INFORMATION

- Now that the machine is unpacked remember to recycle all packing materials.
- Inspect the machine for damage or missing components. If damage is found, contact the local freight company to file a freight claim.

ASSEMBLY

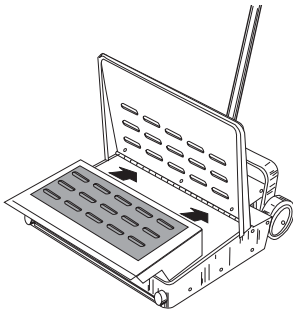
Handle

- Place the operating handle on the peg provided.
- Using a standard screwdriver, secure the handle with the two pan head screws provided with your machine.



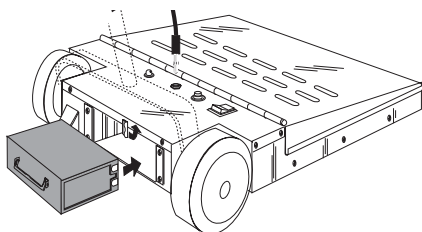
Debris box

- The debris box should already be in the machine. If not, place it in with the opening toward the front of the machine and the filter slots facing upward.



Battery

- This machine comes with a 9 Amp hour, sealed lead acid battery. The battery needs to be charged for 8 hours prior to use.
- To install the battery lift the battery retainer latch at the top of the battery compartment, located at the rear of your machine. Holding the battery by the handle, making sure the terminal contacts are on the right side, slide the battery into the battery compartment.

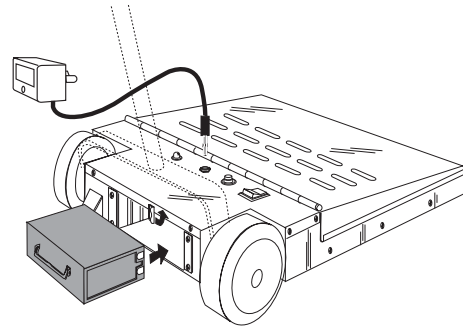


Battery Charging

This machine had the option of recharging the battery while still in the machine or by using a battery docking station.

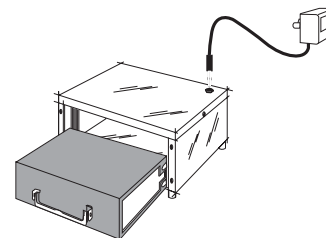
Battery in Machine

- Ensure that the battery has been properly installed in the machine.
- Plug the charger into an appropriate 110-120VAC, 60hz outlet.
- Insert the charging plug into the charging port on the right of the machine.
- The Red light on the charger will flash when charging is complete.



Battery in Docking Station

- Remove the battery from the machine.
- Holding the battery by the handle, making sure the terminal contacts are on the right side, slide the battery into the battery docking station.
- Plug the charger into an appropriate 110-120VAC, 60hz outlet.
- Insert the charging plug into the charging port on the back right of the docking station.
- The red light on the charger will flash when charging is complete.



Machine Operation

The handle should be moved to a comfortable position to operate this machine. With your foot depress the locking device at the back left of the machine to release the handle. Turn the machine on using the toggle switch located on the top right of the machine.

When finished, toggle the switch to "Off" then push the handle forward. It will automatically lock in the upright position.

MAINTENANCE

Routine maintenance is critical to ensure proper machine operation and cleaning performance. Perform all maintenance procedures as follows:

Daily Maintenance

- Inspect for any damage.
- The debris box must be emptied and / or replaced on a regular basis in order to provide efficient pickup. After emptying the debris box, reinstall it back into the machine.
- If box is damaged, replace it.

Weekly Maintenance

- Clean the unit with a dry cloth, including the inside of the pan bottom.
- Remove any hair, fiber or other materials that may have built up in the pan bottom, or on the rotating brush.

TROUBLESHOOTING

Symptom	Cause	Solution
Sweeper Will Not Operate.	Battery Discharged. Circuit Breaker Tripped.	Charge Battery. Reset Breaker. (Push Button.), Check For Obstruction In Brush Rotation.
Sweeper Only Runs A Short Time After Charging.	Battery Not Holding Charge.	Replace Battery.
Sweeper Will Not Pick-Up Debris.	Debris Unit Full. Battery Needs Recharging. Filter Is Clogged In Box. Brush Is Worn Out. Unit Clogged.	Empty Debris Unit. Recharge Battery. Replace Box. Replace Brush. Remove Obstruction.
Dust Escaping From Sweeper.	Debris Unit Full.	Empty Debris Unit.
Sweeper Making A Loud Noise.	Debris Caught In Brush. Loose Belt.	Remove Debris. Tighten or Replace Belt.
Sweeper Will Not Charge.	Electrical Outlet Not Working. Charge Adaptor Not Working.	Check To Ensure Outlet Is Working Properly. Replace Charging Adapter.

Repair service for this machine must be performed by an NSS authorized service center. Repairs performed by an unauthorized company will void the machine warranty. If you require assistance finding an authorized service center, contact NSS Enterprises.



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