



# SCRUBBER MAINTENANCE TIPS

**Important:** Before doing any maintenance on the scrubber, be sure the power is turned OFF or the batteries are disconnected.

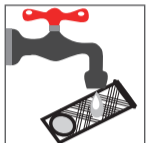
## Daily



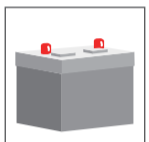
1. Raise the squeegee assembly off the floor and wipe the blades down with a damp towel. Be sure to store squeegee in the UP position.



2. Lift scrub head up, then remove and clean pad driver(s) Brush(es).



3. Drain both recovery and solution tanks completely of water and solution.



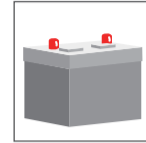
4. Rinse out recovery tank with clean water, and remove any debris from inside tank. Leave recovery lid up and remove drain hose cap to allow tank and hose to dry/breathe.

5. Remove the float shut-off filter inside the recovery tank and rinse it with clean water.

6. Clean the machine with an approved cleaner and a damp towel.

7. Recharge the batteries.

## Weekly



1. Check fluid level in batteries.
2. Check batteries for loose or corroded cables.
3. Keep battery tops clean from corrosion.

## Monthly



1. Check the scrubber for leaks and tighten any loose fasteners.

2. Lubricate all grease points and pivot points with silicon spray or approved grease.



3. Place machine over a floor drain. Flush the solution system by pouring 3 gallons of hot water and approved alkaline detergent into the solution tank and running the machine (with solution control on) for 45 seconds. Turn machine off and let it sit overnight. The next day, drain the remaining solution and rinse the solution tank out with clean water.



## Daily Storage

**ALWAYS...** DRAIN both tanks, store machine INDOORS, in a DRY area, in the UPRIGHT position, with the SQUEEGEE UP off the floor, and the PAD DRIVER/BRUSH UP off the floor. If storing machine in an area with freezing temperatures, drain ALL of the fluids out of the machine to prevent damage.

## Battery Maintenance

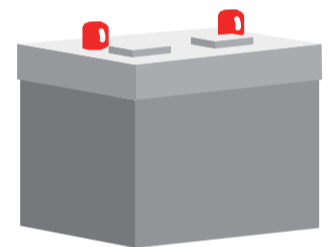
**TIP:** For best battery performance, keep batteries charged at all times.

Do not let them sit in a discharged condition.

**WARNING!** Batteries are dangerous! Batteries emit hydrogen gas and an explosion or fire can result.

Keep sparks and fire away from batteries at ALL times.

1. Whenever servicing batteries, be sure to wear protective gloves. Avoid contact with battery acid at all times.
2. Always follow the battery charging directions
3. Keep battery tops and terminals free from corrosion. A strong solution of baking soda and water is the best way to keep the batteries corrosion free. **IMPORTANT:** Do not allow the baking soda/water solution to enter the battery cells!
4. Use a wire brush with the baking soda solution to properly clean the battery posts and connections.
5. Check battery connections for wear and loose terminals. Replace if necessary.



## Battery Charging

**TIP:** For best battery performance, keep batteries charged at all times.

Do not let them sit in a discharged condition.

**WARNING!** Use only approved chargers with the following specifications:

- 1) Automatic shut-off circuit
- 2) Deep cycle charging
- 3) Output current of 10-20 Amps
- 4) Output voltage of 24 volts

**WARNING!** Batteries are dangerous! Batteries emit hydrogen gas and an explosion or fire can result. Keep sparks and fire away from batteries at ALL times.

1. When charging the machine, make sure the battery compartment is left open.
2. Place the charger and the scrubber in a well-ventilated area.
3. Turn the machine OFF.
4. Open the hinged recovery tank to expose the battery compartment.
5. Check the fluid level in each battery cell. Do not charge batteries unless the fluid is slightly covering the battery plates. Do not overfill the batteries. Overfilling may cause the batteries to overflow during charging due to expansion. Replace the caps prior to charging.
6. Plug the charger cord into a grounded wall outlet.
7. Flip up the recovery tank "kick stand" and gently lay the recovery tank down until it rests on the stand.
8. The charger will automatically begin to charge and will automatically shut off once the batteries are fully charged.
9. Upon completion of charging, disconnect the AC power supply cord from the wall outlet.
10. Check the battery level after charging is complete. If fluid level is low, add distilled water to bring the fluid level up to the bottom of the sight tubes. Replace the caps and wipe the batteries down with a towel.

**ATTENTION:** To prolong the life of the batteries and to provide optimum machine performance, **ONLY** recharge the batteries after a total of 30 minutes of use or more. Do not leave batteries discharged for lengthy periods.