



Battery Scrubber Troubleshooting Guide

Advance Equipment

Problem	Possible Cause	Remedy
Poor Water Pick-up	Worn or torn squeegee	Reverse or replace
	Squeegee out of adjustment	Adjust so blade touch floor evenly across entire width
	The hose is disconnected from the squeegee	Connect
	Recovery Tank Full	Empty recovery tank
	Recovery drain hose leak	Secure drain hose cap or replace
	Debris caught in squeegee	Clean squeegee tool
	Vacuum hose clogged	Remove debris
	The vacuum grid is clogged or the float is stuck closed	Clean the grid or check the float
	Using too much solution	Adjust solution flow at control panel
	The tank cover is not correctly closed, or the gasket is damaged	Seat cover properly or replace gasket if needed.
	Recovery tank cover gasket leak	Replace gasket or seat cover properly
Poor Scrubbing Performance	Worn brush or pad	Replace brush or pad
	Wrong Brush or Pad Type	Consult Pike for proper brush/pad for each application
	Wrong Cleaning Chemical	Consult Pike for proper chemical given application
	Wrong chemical dilution rate	Call Pike Systems or reference chemical label to determine proper dilution rate.
	Moving machine too fast	Slow down scrubbing speed
	Not using enough solution	Increase solution flow on control panel
Inadequate solution flow or no solution	Solution tank empty	Refill solution tank
	Solution lines, valves, filter or trough clogged	Flush lines, trough and clean solution filter
	Solution shutoff valve closed	Open solution shutoff valve



	Solution solenoid valve	Clean or replace valve
Machine does not run	Battery connector disconnected	Reconnect battery connectors
	Batteries are completely discharged	Charge the batteries
	Operator seat safety switch	Check for open circuit and replace or insure that someone is sitting on seat
	Main System Controller	Check error fault codes (see service manual)
	Tripped 10 Amp circuit breaker	Check for electrical short circuit and reset
No FWD/REV wheel drive	Drive system speed controller	Check error fault codes (see service manual)
	Tripped 70 Amp circuit breaker	Check for drive motor overload
	Emergency stop switch tripped	Reset emergency stop switch
	The machine has been turned on by using the ignition key and by keeping the paddle or gas pedal pressed	Turn the ignition key to "0" position, then try to start the machine without pressing the paddle or pedal. If rider unit, disconnect the battery connector and reconnect.
Vacuum shuts off and display shows "recovery tank full indicator" when recovery tank is not full	Plugged squeegee hose	Clear debris
	Vacuumping large amounts of water at a high travel speed	Slow down or disable auto-shut-off feature (see service manual)
Poor Sweeping Performance (cylindrical machines only)	Hopper full	Empty and clean hopper
	Brushes are worn	Replace brushes
	Bristles have taken a set	Rotate brushes
No Detergent Flow (AXP models)	Empty detergent cartridge	Fill detergent cartridge
	Plugged or kinked detergent flow line	Purge system, straighten lines to remove any kinks
	Dry seal cap on detergent cartridge not sealed	Reseat dry seal cap
	Detergent pump wiring disconnected or backwards	Connect or reconnect wiring
Scrub deck raises while scrubbing	Debris caught between brushes and brush housing	Remove debris
	Bad brush motor bearing	Replace bearing

