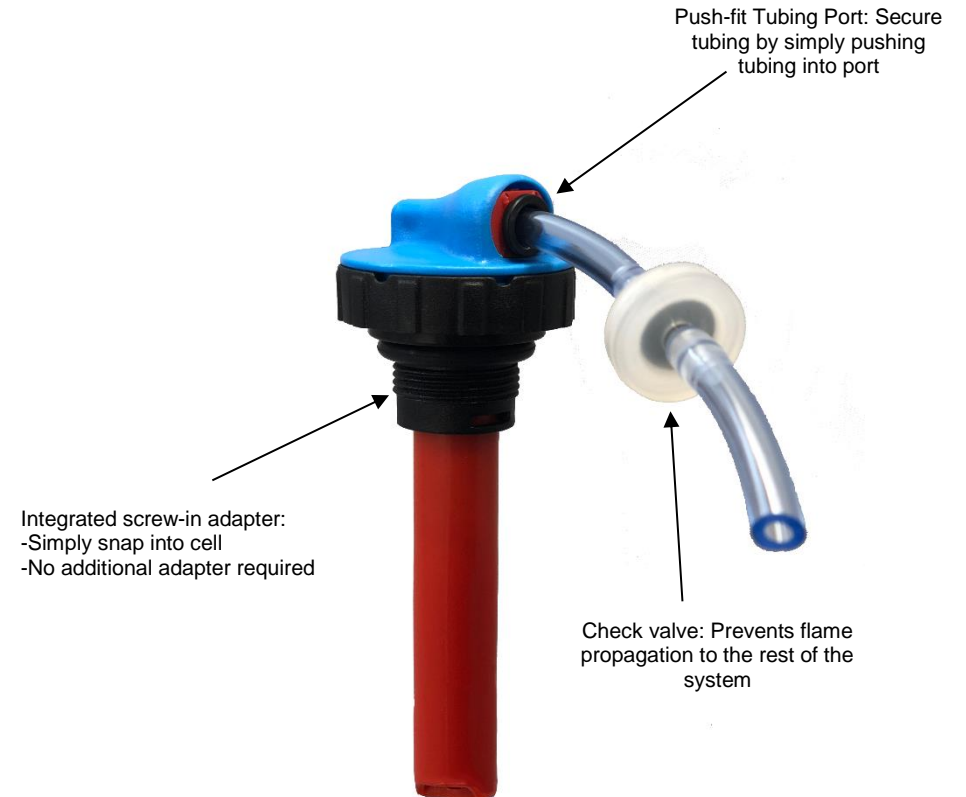




Factory Authorized Water Supplies for the Water
 Injector *Spider System*™

	
HydroCart Mini	HydroCart Max
Part Number INJ-MINI	Part Number INJ-HCT



Installation & Operating Instructions



HEALTH AND SAFETY PRECAUTIONS



- System should not be located 10' of a spark generating source.
- Be sure all Philadelphia Scientific Injectors are fully and firmly installed into the cells; the o-rings should be firmly seated against the cell opening.
- Be sure all hose connections are in place and secured.
- Be sure all systems components have been attached as shown in the instructions.
- Be sure all manifold and Injector ports have either system tubing or a tubing plug installed in them.
- Be sure the Protection Cap is installed onto the Input Coupling at all times when not in use.
- Be sure Check Valve is installed between each injector and manifold
- Visually inspect all components for damage and replace if necessary.
- Batteries contain alkaline, electrolyte, always wear approved protective clothing (gloves, goggles, and apron).

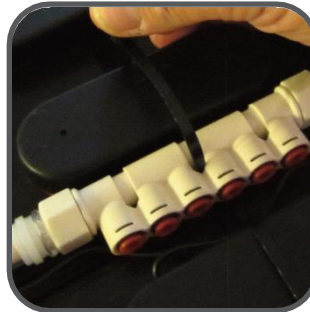
Installation



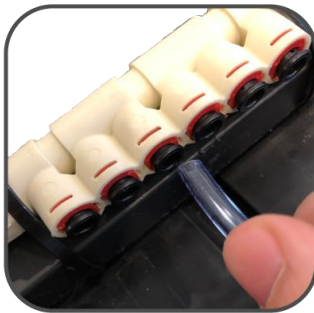
Remove vent caps from each cell of the battery.



Screw the injector Spider Valves into each cell and orient them toward the center of the battery.



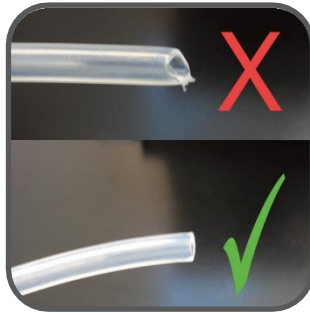
Install and secure the manifold(s) to inter-cell connector(s) using cable ties.



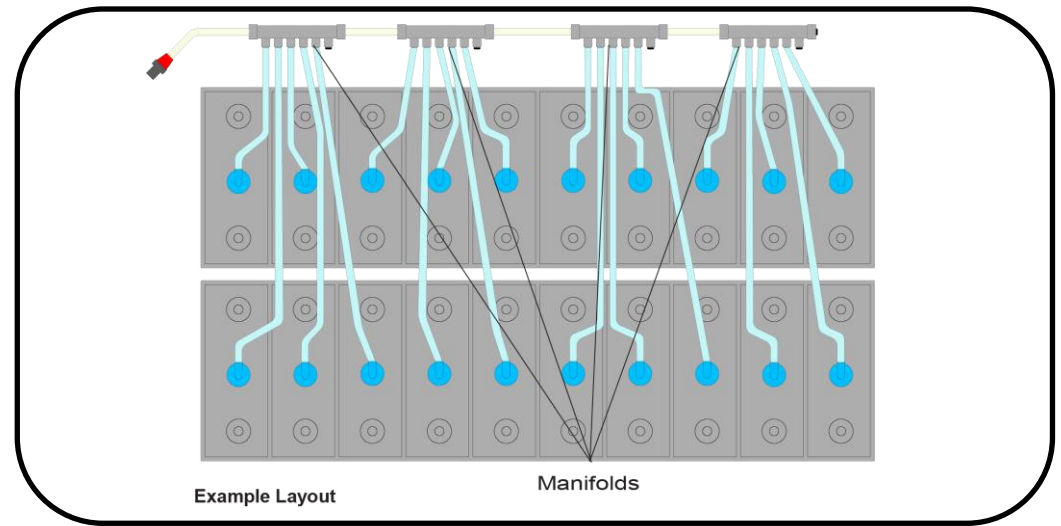
Install Injector tubing into manifold. Cut to desired length.



Use a tubing cutter (part number FLT-093), scissors or a utility knife to make a square cut to the tubing. Do not run tubing under inter-cell connectors.



Note: Tubing must be cut squarely to ensure correct operation. Tubing cut on an angle will cause water leaks.



Operation



Remove the Protection Cap from the Quick-connect.



Connect the Instant Valve Pro™ from the water supply to the input Quick-connect on the Water Injector Spider System installed on the battery.



Squeeze the lever completely to fill the battery. Do not partially squeeze the lever.



Watch the spinner mounted on the Instant Valve Pro. When it stops spinning, the filling is completed.



Release the lever and then disconnect the Instant Valve Pro from the Water Injector Spider system.

Replace the Protection Cap on the input Quick-connect and move on to the next battery.

When filling operations are complete, turn off the water supply.

The Protective Cap must be in place at all times when the Water Injector Spider System is not in use!