

Water Injector System™ Installation & Operation Instructions for Instant Install™ Layouts

Installation Instructions:

1. Remove the vent caps from the battery. When this battery is scrapped, it must be shipped with vent caps in place. Place a quarter-turn adapter into each cell vent. Tighten the adapters quarter-turn wrench (INJ-WR).



2. Remove any twists in the tubing after removing the system from the bag. The individual Injectors on this string may have slid from their correct position on the tubing. Verify the correct Injector position by locating each Injector between the pair of black position marks on the tubing. Re-check Injector positioning after completing installation.

3. Position the system on the battery as depicted in the Instant-Install™ drawing on the reverse of these instructions. DO NOT insert Injectors into cells yet. Note battery cable routing to ensure it does not interfere with the system tubing.

Warning- Injectors that are not properly aligned over the pre-punched holes in the system tubing will not allow the Injector to properly water cells.

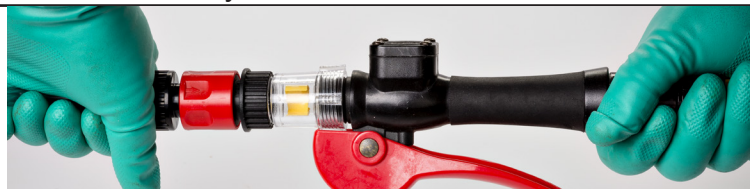
4. If the layout has a wye fitting, secure the wye fitting to the battery with cable ties. This is very important and must be done to minimize tubing movement.

5. Be sure all cables are tied down with wire ties to prevent system damage. Position the Input Assembly so it is easily accessible and where it will not be damaged by the normal movement of the battery either in the forklift or the charging rack.

6. The Injector System is now ready for operation! We recommend that the system be checked during initial operation to ensure that no installation errors have occurred.

Operation Instructions: Any factory authorized Injector Water Supply can fill the Water Injector System™. These water supplies, when properly used, will provide the 25 PSI at 8 gallons per minute required to operate the Water Injector System.

1. Connect the Instant Valve Pro™ to the Input Assembly of the Water Injector System installed on the battery.



2. Squeeze the lever completely to fill the battery. Do Not Partially Squeeze the Lever.



3. Watch the spinner mounted on the Instant Valve Pro. When it stops spinning, the filling is completed. Note: The spinner may not come to a complete stop, especially in larger systems. The battery is filled when the spinner slows enough to clearly see the inner blades/vanes.



4. Release the lever. Disconnect the Instant Valve Pro from the Water Injector System and move on to the next battery that needs water.



HEALTH AND SAFETY PRECAUTIONS

Batteries contain sulphuric acid; always wear approved protective clothing (gloves, goggles, and apron).



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