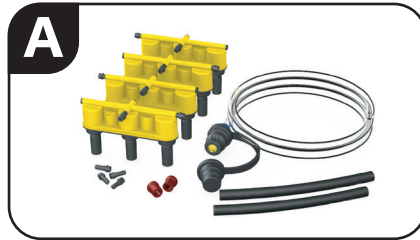


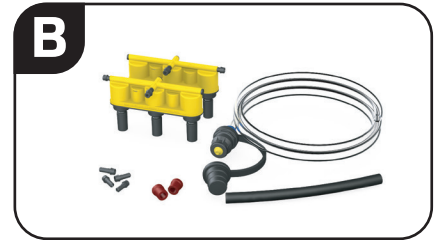
Package Contents

Each kit includes:

- Valve manifolds
- Manifold jumpers
- 2 red end caps
- Barbs
- Male coupler w/ tubing



Kit A - Dual Battery

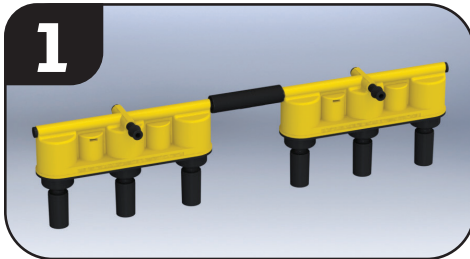


Kit B - Single Battery

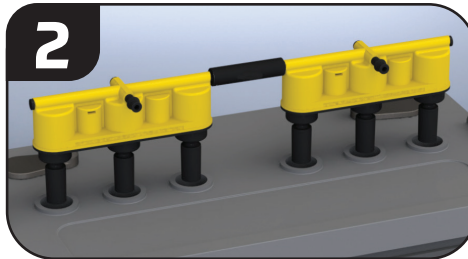
INSTALLATION

Important

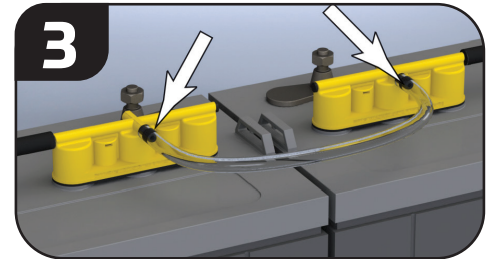
Prior to initial installation, inspect the existing battery electrolyte level. If the battery has been neglected and the electrolyte level is extremely low, manually fill each cell so all plates are covered. Next, charge the batteries before installing and using Qwik-Fill. Filling a battery that has been neglected and then charging it can cause the water level to expand during the charging process, thereby resulting in the loss of electrolyte. Once Qwik-Fill is installed, monthly filling is recommended and will prevent a low electrolyte level. Always fill after the battery is fully charged.



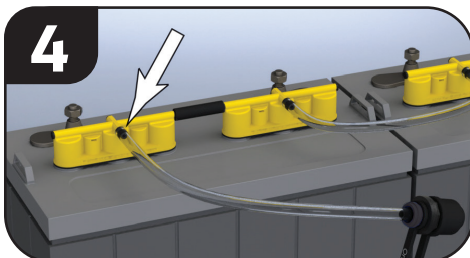
Join two manifolds together as shown using the appropriate size manifold jumper for your battery group size. Measure the distance between batteries and carefully cut the jumper tubing, making sure to cut it straight, with a utility knife or a pair of scissors.



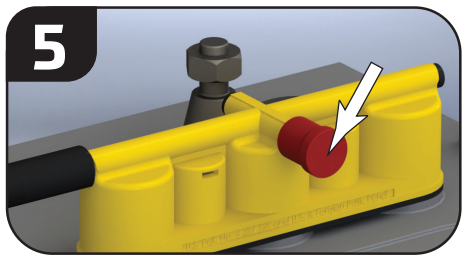
Carefully remove your battery's existing caps and insert a manifold assembly into each battery. Press each assembly firmly in place so that it fits flush with the battery top.



Link multiple batteries together using the clear tubing. If the batteries are separated by several feet, allow the tubing to sag between batteries. Ensure that the tops of all batteries linked together are at the same level. For optimum performance, it is best to limit the number of batteries connected to a single fill point to two.



Connect the water supply line to one end of the battery "chain". The 4' of tubing supplied may be cut to the desired length.



Cover the remaining barb with a red end cap and installation is complete.

OPERATION

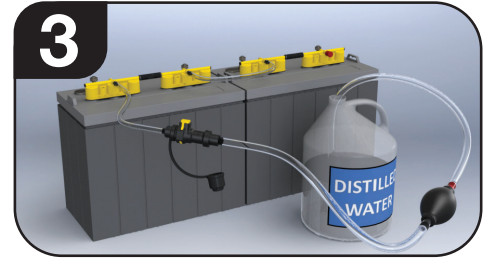
Important: Batteries should only be filled after charging.



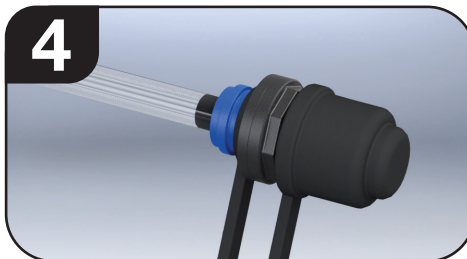
Insert the squeeze bulb filler assembly into a jug of distilled water. Prime bulb by squeezing until it is filled with water.



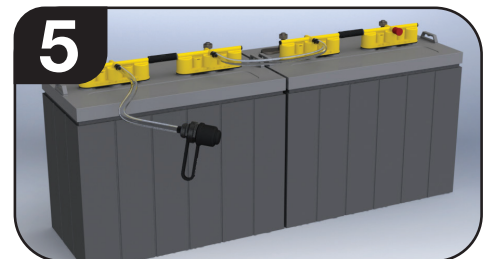
Remove the dust cap from the water supply line and connect it to the squeeze bulb filler assembly by snapping the quick couplers together.



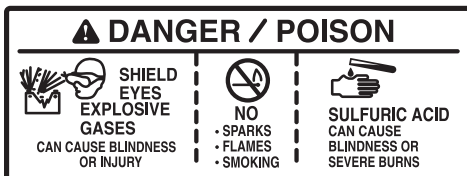
Squeeze the bulb with firm pressure to begin pumping water into the battery cells. When the bulb becomes hard, all cells are full.



Immediately disconnect the squeeze bulb filler assembly from the water supply line and replace the dust cap.

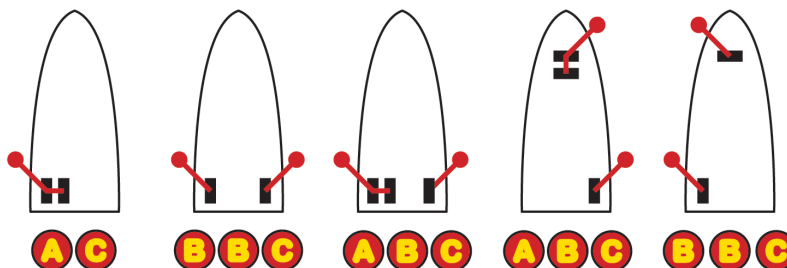
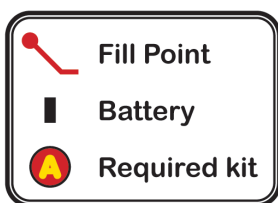


Any water remaining in the squeeze bulb filler assembly may be pumped back into the distilled water jug. One end of the squeeze bulb filler assembly may be inserted into the other to keep the line clean and to provide a convenient way to hang the filler in a safe place between uses.



Typical Installation Configurations

The diagrams below show typical battery arrangements and how they might be plumbed with Qwik-Fill. The letters below each diagram indicate which Qwik-Fill Kits would be required for that configuration. Although the tubing between batteries can be up to a distance of 8', it may be more desirable to have separate fill points in the front and rear of the boat.



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US & foreign patents
and patents pending