



Battery Watering Technologies



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TBU1000_INS_0919

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Installing the i-Lite™ Valve

Part # TBU1000

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Intended for Installation by Qualified Personnel

This package contains:

1 - TBU1000 i-Lite™ Valve

3 - Cable ties

1 - Extra tubing

Tools required for installation

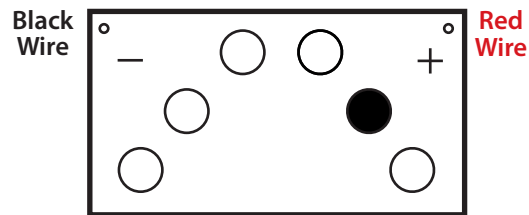
- Towel to wipe down the top of the battery
- Wrench



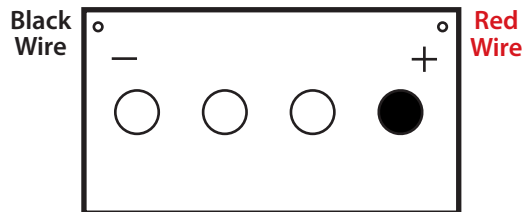
- Always wear personal protective equipment (goggles, gloves, etc.) to protect yourself from sulfuric acid.
- Be sure the battery is disconnected from the charger to ensure the cells are not gassing before proceeding.
- Not recommended for use with battery additives.
- Read instructions in entirety before beginning the installation.

STEP 1: PLAN

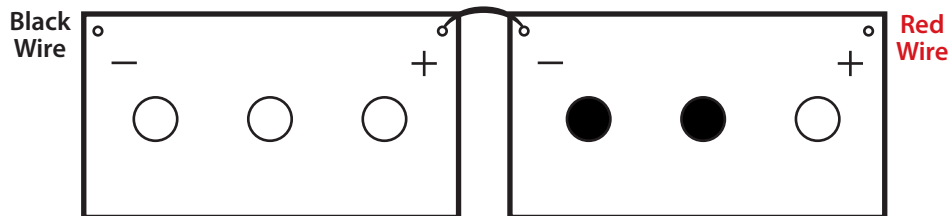
The sensor valve must be at least 4 cells to the positive side of the negative (black) wire connection. Take this into consideration when planning your installation. The sensor needs 8-12 volts to function properly. Shown below are possible layouts.



Example of installation on a set of 12 volt batteries
Sensor valve should be inserted into the darkened cell



Example of installation on a set of 8 volt batteries
Sensor valve should be inserted into the darkened cell



Example of installation on a set of 2 - 6 volt batteries
Sensor valve can be inserted into either of the darkened cells

STEP 2: CONNECT

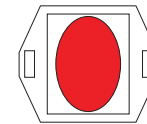
See the examples under Step 1 for black and red wire locations. Make connections as indicated.

STEP 3: SECURE HOUSING

Secure the sensor light housing using cable ties supplied. Make sure the wires are secured so they cannot be snagged or pulled. Mount the indicator light so it is easy to see.

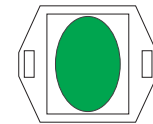
LED Color Codes:

i-Lite™ Valve Light Guide



Blinking Red

Water level is low
Only water after charging



Blinking Green

Water level is OK