

Battery Filling Instructions

PREPARING THE BASEMENT WATCHDOG STANDBY BATTERY

Basement Watchdog wet cell batteries are shipped dry (without acid) so they never lose power before you take them home. A battery is activated when the acid is added, and then it slowly begins to deteriorate as it ages. By adding the acid just before use, the battery will always be fresh. Use 1.265 specific gravity battery acid to fill the battery. It is a dilute solution of sulfuric acid and water. It is available where you purchased the battery.

Please review the instruction manual of your Basement Watchdog sump pump system for additional safety instructions.

BATTERY PREPARATION

⚠ WARNING/POISON

Contains Sulfuric acid which can cause blindness or severe burns. In the event of an accident, flush with water and call a physician immediately. **KEEP OUT OF REACH OF CHILDREN.** To help reduce these risks, observe the following precautions:

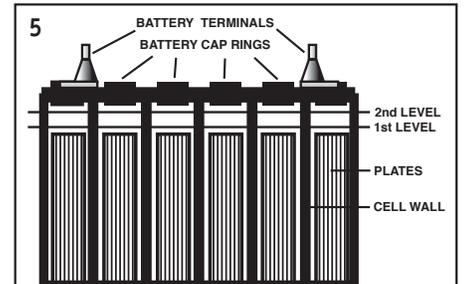
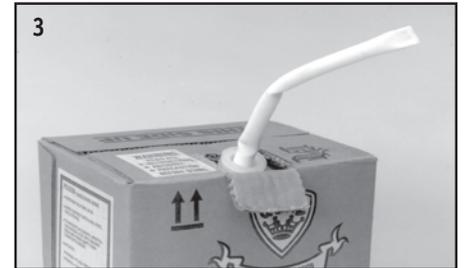
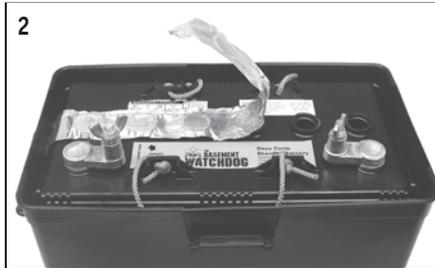
- Someone should be within range of your voice or close enough to come to your aid when you work near a lead-acid battery.
- Have plenty of fresh water and soap nearby in case battery acid contacts skin, clothing or eyes.
- Wear eye and clothing protection and avoid touching your eyes while working with battery acid or working near the battery.
- If acid enters eye, immediately flood eye with running cold water for at least 15 minutes. Remove contact lenses if present and easy to do. Continue rinsing and get immediate medical attention.
- If battery acid contacts skin or clothing, wash immediately with water while removing contaminated clothing. Continue rinsing and get immediate medical attention.
- If battery acid is ingested **DO NOT INDUCE VOMITING.** Rinse mouth. Drink 1-2 glasses of water and get immediate medical attention.
- If battery acid is inhaled, move to fresh air. Get immediate medical attention.

⚠ **WARNING:** Battery posts and terminals contain lead, lead compounds or chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. Wash hands after handling.

See <https://www.p65warnings.ca.gov/> for more information.

FILLING THE BATTERY

1. **ALWAYS** wear protective glasses, gloves, and clothing when handling batteries and sulfuric acid electrolyte.
2. Place the battery in a battery box. Remove the foil seal on the top of the battery. Should any of the plastic/foil seal remain over the filling holes, simply remove the plastic and proceed with step 3.
3. Carefully push in the perforated tab at the top of the acid pack. Lift up the large tab and pull out the dispensing hose. Hold the hose upright above the pack and squeeze the hose forcing all the acid back into the pack.
4. Position the pack on top of the battery box as shown below. Pinch the end of the hose together and cut off the tip. Insert the end of the hose into each cell. Control the flow by pinching the hose with thumb and forefinger.
5. Fill each cell of the battery to a level just covering the battery plates, and then go back and top off each cell equally. It is important to have the cells filled equally or the battery will not operate properly. The acid should reach a level just below the cap ring as shown in the diagram.



CROSS SECTION OF BATTERY
1. FILL TO 1st LEVEL, COVER THE PLATES
2. THEN FILL TO 2nd LEVEL, JUST BELOW THE BOTTOM OF THE CAP RINGS

A newly filled battery will sometimes require additional acid after about 20 minutes. Re-examine the fill level and add additional acid if necessary. **DO NOT OVERFILL THE BATTERY.** The battery acid may bubble at this time and give off a sulfur-like smell, but this is normal. After the battery has been filled, screw the caps on the top of the battery.

BATTERY PRECAUTIONS

⚠ DANGER

Explosive gases could cause serious injury or death. Cigarettes, flames or sparks could cause battery to explode in enclosed spaces. Charge in a well-ventilated area. Always shield eyes and face from battery. Keep vent caps tight and level.

To help reduce these risks, observe the following precautions:

- **NEVER** smoke or allow a spark or flame in the vicinity of the battery.
- Be sure the area around the battery is well ventilated.
- When maintaining the battery, first fan the top of the battery with a piece of cardboard (or another non-metallic material) to blow away any hydrogen or oxygen gas that may have been emitted from the battery.
- **DO NOT** drop a metal tool onto the battery. It might spark or short-circuit the battery and cause an explosion.
- **ALWAYS** remove personal metal items such as rings, bracelets, watches, etc. when working with a lead-acid battery. A short circuit through one of these items can melt it, causing a severe burn.
- **ALWAYS** remove the charger from the electrical outlet before connecting or disconnecting the battery cables.
- **ALWAYS** keep the cover secured on the battery box by slipping the tabs through the fittings on the front and back of the box.

If you are using this battery as a replacement for your Basement Watchdog sump pump system, save the yellow battery cap from your old Basement Watchdog battery. Screw one of the enclosed black battery caps into the old battery. Rinse and dry the yellow cap and screw it into the 2nd cell from the positive post on this new battery, so you will have a place to insert the sump pump system sensor rod. Hold the sensor straight and press firmly into the hole. Do not bend the sensor.



When you fill the battery for the FIRST time, it will be the **ONLY** time you add acid to the battery. In the future, when the fluid level is low, add distilled water to the cells. Never add more acid.



Please recycle old batteries.
Do NOT place in trash.
Take old batteries to a service or recycling center.

WARRANTY
One Year Free Replacement
(Receipt Required)

Glentronics, Inc.
Lincolnshire, IL 60069
800.991.0466

www.basementwatchdog.com

LIMITED WARRANTY

By opening this package and using this GLENTRONICS, INC. product, you are agreeing to be bound by the terms of the GLENTRONICS, INC. limited warranty ("warranty") as set out below. Do not use your product until you have read the terms of the warranty. If you do not agree to the terms of the warranty, do not use the product and return it within the return period stated on your purchase receipt from the retail store or authorized distributor where you purchased it for a refund.

To the extent permitted by law, this warranty and the remedies set forth are exclusive and in lieu of all other warranties, remedies and conditions, whether oral, written, statutory, express or implied. GLENTRONICS, INC. disclaims all statutory and implied warranties, including without limitation, warranties of merchantability and fitness for a particular purpose and warranties against hidden or latent defects, to the extent permitted by law. GLENTRONICS, INC. will not be liable for any incidental, special or consequential damages for breach of any express or implied warranties on this product. In so far as such warranties cannot be disclaimed, GLENTRONICS, INC. limits the duration and remedies of such warranties to the duration of this express warranty and, AT GLENTRONICS, INC.'s option, the repair or replacement services described below. Some states (countries and provinces) do not allow limitations on how long an implied warranty (or condition) may last, so the limitation described above may not apply to you.

Any and all causes of action arising from, filed as a result of or in reference to, this warranty or the products described under this warranty shall be governed by and construed under the laws of the State of Illinois. Any cause of action arising from, filed as a result of or in reference to, this warranty or the products described under this warranty shall be filed only in the Circuit Court of the 18th Judicial District, Lake County, Waukegan, Illinois, or in the Northern District of Illinois if filed in Federal Court. The maximum liability for any product described in this warranty shall be the cost of product replacement only.

If any term is held to be illegal or unenforceable, the legality or enforceability of the remaining terms shall not be affected or impaired.

What is Covered by this Warranty?

GLENTRONICS, INC. warrants to the end purchaser that this product is free from defective materials and workmanship for the periods indicated below: All parts and labor (excluding installation) for a period of:

- 1 year from the date of purchase, when used with a Basement Watchdog battery backup sump pump system

What is NOT Covered by this Warranty?

This warranty does not cover the cost or value of damaged property, including expressly any property that has been affected by water overflow, seepage or flooding. If GLENTRONICS, INC. determines that a product is deemed defective under this warranty agreement, it will repair or replace the PRODUCT ONLY. GLENTRONICS, INC. will not cover the cost to reinstall the product, nor will GLENTRONICS, INC. pay the cost of having a plumber or contractor repair or replace the product.

GLENTRONICS, INC. will not repair or replace a product that was installed incorrectly. A product shall be considered "installed incorrectly" when it deviates in any way from the instructions described in this manual or the manual of the Basement Watchdog battery backup or combination sump pump system.

This warranty does not cover product problems resulting from handling liquids hotter than 104 degrees Fahrenheit, handling inflammable liquids, solvents, strong chemicals or severe abrasive solutions; user abuse; misuse, neglect, improper maintenance, commercial or industrial use; improper connection or installation, damages caused by lightning strikes; excessive surges in AC line voltage; water damage to the controller; other acts of nature, or failure to operate in accordance with the enclosed written instructions.

How to Obtain Warranty Service

Within thirty (30) days of the product's defective performance, contact GLENTRONICS, INC. customer service department for specific instructions. If contact is not made to GLENTRONICS, INC. customer service department within thirty (30) days of the product's defective performance it will not be considered for warranty service. The product may be required to be returned to GLENTRONICS, INC. for inspection in order to be considered for warranty service. DO NOT return the product to GLENTRONICS, INC. unless instructed by GLENTRONICS, INC. customer service. If the product is not returned to GLENTRONICS, INC. or the product is inspected by any person, plumber, contractor or business other than GLENTRONICS, INC., this warranty shall no longer be valid. Products received after one (1) year from the date of purchase, fall outside of the timeframe for warranty service and will not be eligible for warranty service. Prior to defective operation, the unit must not have been previously altered, repaired or serviced by anyone other than GLENTRONICS, INC., or its agent; the serial number on the unit must not have been altered or removed; the unit must not have been subject to accident, misuse, abuse or operated contrary to the instructions contained in the accompanying manual. The dealer's dated bill of sale, or installer's invoice must be retained as evidence of the date of purchase and to establish warranty eligibility.

Where are Products Sent for Warranty Service?

Glentronics, Inc., 645 Heathrow Drive, Lincolnshire, IL 60069

How Can I Obtain More Information?

By calling 800-991-0466.



Congratulations on your purchase of a Basement Watchdog battery!

Please note: The yellow cap comes with the Basement Watchdog System. If you have any questions, concerns or need a free replacement for the yellow battery cap please call Glentronics, Inc. at 800-991-0466, option 3 or email us at mail@glentronics.com.

To help prolong the life of the battery, please follow the following steps:

Also see the instruction manual for further details and important safety precautions.

1 Check fluid levels every 6 months



- ❖ When fluid levels are low, add distilled water to the top fill line
- ❖ DO NOT add more acid after the initial installation date

Receive a reminder to check fluid levels every 6 months by:

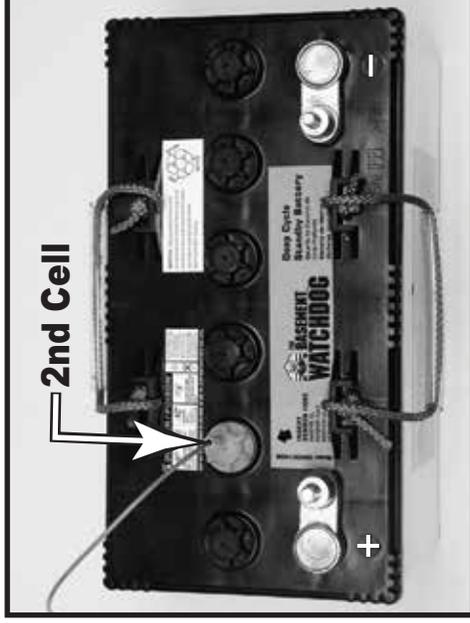


Liking us on Facebook
Basement Watchdog



or
Following us on Twitter
@WatchdogPumps

2 Clean the underside of yellow cap

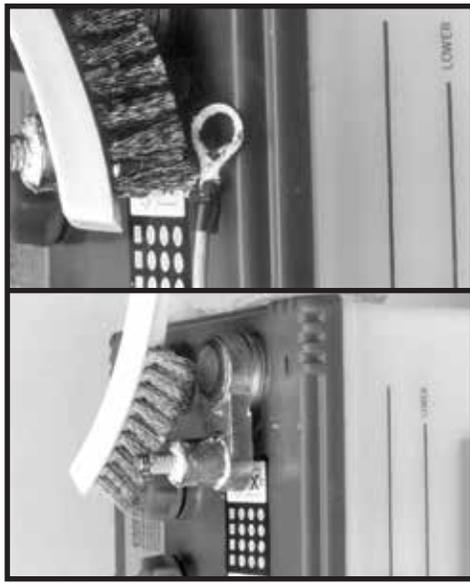


- ❖ Included with the Basement Watchdog system is a yellow battery cap
 - ♦ This yellow cap is to be placed on the second cell from the positive post
 - ♦ When checking fluid levels, rinse the yellow cap under running water



**Insert Fluid
Sensor here**

3 Clean the battery terminals



- ❖ Clean any corrosion off of the ring posts and ring connectors on the ends of the battery wires
 - ♦ Use a stiff brush or sandpaper
 - ♦ **DO NOT** apply corrosion resisting sprays or pads to the terminal rings or posts after you have cleaned them, since this could prevent the battery from charging properly