



Bumble Bee®

DECORATIVE LIGHTHOUSE SOLAR LIGHT

Model 91233

ASSEMBLY & OPERATING INSTRUCTIONS



3491 Mission Oaks Blvd., Camarillo, CA 93011

Visit our Web Site at www.harborfreight.com

**READ AND UNDERSTAND ALL WARNINGS
AND INSTRUCTIONS BEFORE USE.**

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For technical questions and replacement parts please call 1-800-444-3353.

THANK YOU for choosing a **HARBOR FREIGHT TOOLS** product. For future reference, please complete the owner's record below:

Model _____ **Serial No.** _____ **Purchase Date** _____

SAVE THE RECEIPT, WARRANTY AND THESE INSTRUCTIONS. It is important that you read the entire manual to become familiar with the unit BEFORE you begin assembly.

Technical Specifications

Construction: Polystyrene Lighthouse, Crystalline/Silicone
Solar Panel Water Resistant

Battery: (1) "AA" Rechargeable Ni-Cd

Dimensions: 4-1/2" x 5-1/2" x 8" High

Weight: 1.2 Lbs.

Run Time: 8 Hours When Fully Charged



READ ALL INSTRUCTIONS BEFORE USING THIS PRODUCT!

Safety Warnings and Precautions

WARNING: When using product, basic safety precautions should always be followed to reduce the risk of personal injury and damage to equipment.

Read all instructions before using this product!

1. **Keep work area clean.** Cluttered areas invite injuries.
2. **Observe work area conditions.** Keep work area well lit.
3. **Store idle equipment.** When not in use, products must be stored in a dry location to inhibit damage from moisture and salt air.
4. **Check for damaged parts.** Before using any product, any part that appears damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for any broken or damaged parts and any other conditions that may affect its operation. Replace or repair damaged or worn parts immediately. Do not use the Solar Light if any switch does not turn on and off properly.
5. **Replacement parts and accessories.** When servicing, use only identical replacement parts. Use of any other parts will void the warranty.
6. **Always check hardware and assembled parts after assembling.** All connections should be tight and hardware tightened.
7. **Keep children away.** Children must never be allowed in the work area. Do not let them handle the Solar Light.

8. **Dress properly.** Protective, electrically nonconductive clothes and nonskid footwear are recommended when working with the Lighthouse Solar Light. Wear restrictive hair covering to contain long hair.
9. **Use eye protection.** Always wear ANSI approved impact safety goggles when setting up this product.
10. **Maintain products with care.** Keep the Solar Light clean for better and safer performance. Follow instructions for set up and changing the battery. Inspect the Solar Light periodically. If damaged, have it repaired by an authorized technician.
11. **Do not overreach.** Keep proper footing and balance at all times.
12. **Use the right Solar Light for the job.** Do not attempt to force a small Solar Light to do the work of a larger Solar Light. There are certain applications for which this Solar Light was designed. **This is a decorative item only; do not use this light to light pathways for safety reasons.** Do not modify this Solar Light and do not use this Solar Light for a purpose for which it was not intended.
13. **Do not set up the Solar Light if under the influence of alcohol or drugs.** Read warning labels on prescriptions to determine if your judgement or reflexes are impaired while taking drugs. If there is any doubt, do not set up the Lighthouse Solar Light.
14. **Use only a Nickel-Cadmium battery.**

WARNING: NiCad batteries must be disposed of properly. Do not incinerate. Batteries may burst, causing personal injury and/or property damage. Contact your local hazardous waste disposal authority for proper disposal.

WARNING: The warnings, cautions, and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.

Assembly/ Operation

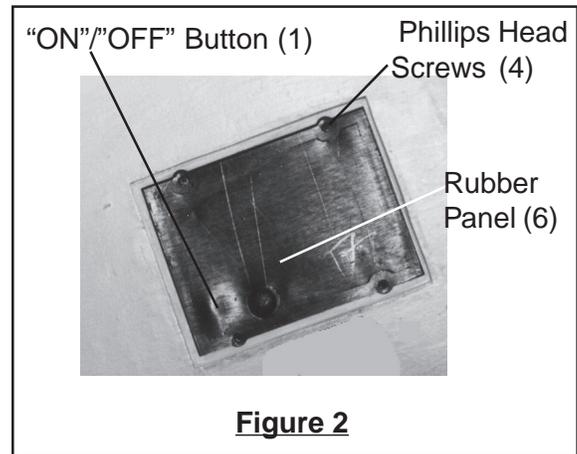
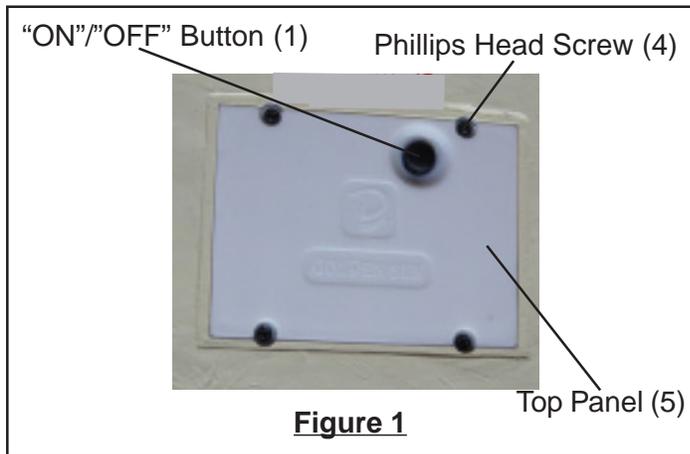
Your Lighthouse Solar Light comes completely assembled. The Lighthouse Solar Light requires special conditions for set up and operation. It is important that you read the entire manual to become familiar with the product BEFORE you use the Lighthouse Solar Light. Before operating the Lighthouse Solar Light be sure that you have all parts described in the Parts List and Assembly Diagram located on the last pages of this manual.

1. Decide where you want to place the Lighthouse Solar Light. Choose a location that receives full, direct sunlight a minimum of six hours a day. The location should not be near nighttime light sources such as porch lights or streetlights as this will cause the Solar Light to remain off.

The Lighthouse Solar Light must be set on a flat, even and stable surface. The Lighthouse Solar Light is water resistant to protect against normal daily elements. **The Lighthouse Solar Light is not waterproof and must not be set in water such as pools or ponds.**

2. The Lighthouse Solar Light will need to charge for at least six hours before using it for the first time.

3. Located on the bottom of the Lighthouse Solar Light is a panel with a “ON”/“OFF” Button (1)-see Figure 1. Pressing down on the “ON”/“OFF” Button (1) will turn the Lighthouse Solar Light on or off. After the initial charge (Step 2) is set, check to see that the Light (3) is on by viewing the Lighthouse with the solar panel covered. If the Light (3) is not lit, press the “ON”/“OFF” Button (1) again until it is in the “ON” position-see Figure 1.



Note: During the day, the Solar Panel (2) converts sunlight into electricity, recharging the battery. The amount of light the Solar Panel (2) receives depends on placement of the Lighthouse Solar Light, geographic location and weather. If the weather is cloudy and the panel did not receive a full charge, the Lighthouse Solar Light may not achieve the full eight hours of operating time. It will catch up on its own after two to three days of full sun.

Maintenance

1. Remove the battery if the Lighthouse Solar Light is not used for a long period of time.
2. Keep the Solar Panel free of dirt, dust and grime. Dust covering the Solar Panel will block out sunlight causing a decrease or stoppage of efficiency in recharging the battery.

Replacing the Battery

NOTE: Before performing any maintenance, make sure the “ON”/“OFF” Switch (1) is in the “OFF” position.

1. Located on the bottom of the Lighthouse Solar Light is a panel held in place with four small Phillips Head Screws (4)-see Figure 1. Place the Lighthouse Solar Light over a working surface that is flat and clear of debris so that you may easily retrieve the Phillips Head Screws if they are dropped. Using a small Phillips Head screwdriver (not included), remove each of the Phillips Head Screws (4). Place the Phillips Head Screws (4) in a secure location. Pull off the Top Panel (5) of the Battery Compartment.
2. Remove the Rubber Panel (6) from the Battery Compartment-see Figure 2. Pull out the Battery (7) and replace with a new Battery (7)-see Figure 3, next page.

Caution: Make certain that the battery is installed with the positive and negative poles as indicated. Use a Ni-Cd Battery only.

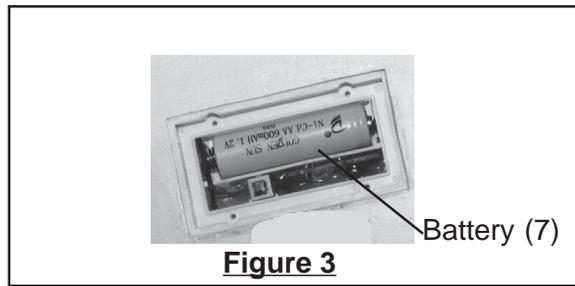


Figure 3

3. Replace the Rubber Panel (6) and the Top Panel (5) of the Battery Compartment. Thread back in all four (4) Phillips Head Screws (4).

Unpacking

When unpacking the Lighthouse Solar Light, check to make sure the following parts are included. If any parts are missing or broken, please call **HARBOR FREIGHT TOOLS** at **1-800-444-3353**.

Parts List

Part #	Description	Quantity	Part #	Description	Quantity
1	"ON"/"OFF" Button	1	5	Top Panel	1
2	Solar Panel	1	6	Rubber Panel	1
3	Light	1	7	Battery	1
4	Phillips Head Screws	4			

Note: Some parts are listed and shown for illustration purposes only and are not available individually as replacement parts.

Assembly/Parts Diagram



PLEASE READ THE FOLLOWING CAREFULLY

THE MANUFACTURER AND/OR DISTRIBUTOR HAS PROVIDED THE PARTS DIAGRAM IN THIS MANUAL AS A REFERENCE TOOL ONLY. NEITHER THE MANUFACTURER NOR DISTRIBUTOR MAKES ANY REPRESENTATION OR WARRANTY OF ANY KIND TO THE BUYER THAT HE OR SHE IS QUALIFIED TO MAKE ANY REPAIRS TO THE PRODUCT OR THAT HE OR SHE IS QUALIFIED TO REPLACE ANY PARTS OF THE PRODUCT. IN FACT, THE MANUFACTURER AND/OR DISTRIBUTOR EXPRESSLY STATES THAT ALL REPAIRS AND PARTS REPLACEMENTS SHOULD BE UNDERTAKEN BY CERTIFIED AND LICENSED TECHNICIANS AND NOT BY THE BUYER. THE BUYER ASSUMES ALL RISK AND LIABILITY ARISING OUT OF HIS OR HER REPAIRS TO THE ORIGINAL PRODUCT OR REPLACEMENT PARTS THERETO, OR ARISING OUT OF HIS OR HER INSTALLATION OF REPLACEMENT PARTS THERETO.