

CHICAGO
Electric[®]Power Tools

SPOTLIGHT

1,000,000 CANDLE POWER

Model 93366

ASSEMBLY & OPERATING INSTRUCTIONS



Due to continuing improvements, actual product may differ slightly from the product described herein.



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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

Tool Name:	Spotlight, 1,000,000 Candle Power
Item Number:	93366
Housing Diameter:	6"
Battery:	6 VDC (U.L. Listed)
Lens Adapter:	5"
Lens Construction:	1/8" Glass
Candle Power:	1,000,000
Light Source:	Quartz Halogen Bulb (55W)
Handle:	Pistol Grip
Trigger:	Squeeze Type with Trigger Hold
Power Adapter:	120 VAC / 60 Hz <-> 9 VDC
Charger:	U.L. Listed
Car Adapter:	Lighter Type with 5-1/2" Cord
Tool Weight:	3 Lbs.



READ ALL INSTRUCTIONS BEFORE USING THIS PRODUCT!

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.

THE OPERATOR

PLEASE REMEMBER:

Never look directly into the Spotlight.

Avoid touching the Lens as it may become hot during operation.

Do not disassemble the Battery or remove any parts from the Battery and surrounding connections.

Do not allow the Spotlight to be exposed to fire or high heat as this may result in an explosion.

Grounding/Voltage Warning:

Common household current is 110-120 volts. As long as the outlet used with the tool is rated from 110-120 V there will be no complications using it with household receptacles. Plug the Power Adapter into a 110-120V properly grounded outlet protected by a 15-amp, dual element time delay or circuit breaker.

NEVER try to plug a 110-120V tool into a 220-240V circuit or serious complications and possible injury to the operator may occur. The plugs have different shapes to prevent this.

ASSEMBLY

Your Spotlight comes completely assembled. When unpacking your Spotlight, check to make sure that all the parts are included. If any parts are missing or broken, please call HARBOR FREIGHT TOOLS at 1-800-444-3353.

OPERATION

To assist you with operating your Spotlight, please refer to Figure 1 on page 4.

CHARGING

Your Spotlight Battery (8) is rechargeable. It can be charged by either using the Power Adapter (26) or the Car Adapter (25).

To recharge your Battery (8) using the AC/DC Adapter (26).

Step 1) Insert the cord end of the AC/DC Adapter (26) into the outlet on the back of the Spotlight. Plug the Power adapter (26) into an electrical outlet.

Step 2) The red light on the side of the Left Trim (4) piece will light, indicating that the unit is properly plugged in. For the initial charge of the Spotlight, leave the Power Adapter (26) plugged in for between 14 and 16 hours until the Spotlight is fully charged. The red light will shut off automatically when the battery is fully charged. Subsequent charges of the Battery will take approximately 12 to 14 hours.

IMPORTANT: Always unplug the Power Adapter (26) from the Spotlight after the Spotlight is charged.

The Spotlight will not function properly if the Power Adapter is plugged into the Spotlight.

Note: After each use of the Spotlight, always fully recharge the battery.

Note: This unit is equipped with an automatic shutoff. If the Battery's Power is running low, the unit will automatically stop operating to protect the battery. Charge the battery immediately.

To recharge your Battery (8) using the Car Adapter (25)

Step 1) Insert the cord end of the Car Adapter (25) into the outlet on the back of the Spotlight. Plug the plug end of the Car Adapter (25) into your car's lighter. For the initial charge, the Spotlight must be charged for between 8 and 11 hours. The red light will shut off automatically when the battery is fully charged. Subsequent charges of the Battery will take approximately 4 to 7 hours.

Note: When charging the Spotlight, only place the Spotlight on a non-flammable surface.

IMPORTANT: Always unplug the Car Adapter (25) from the Spotlight after the Spotlight is charged.
The Spotlight will not function properly if the Car Adapter is plugged into the Spotlight.

Tripod Adapter

Your Spotlight can be mounted onto a tripod or workstand (neither is included). At the bottom of the Trigger Grip Handle there is a Tripod Adapter (21). Thread the tripod or workstand into this Tripod Adapter.

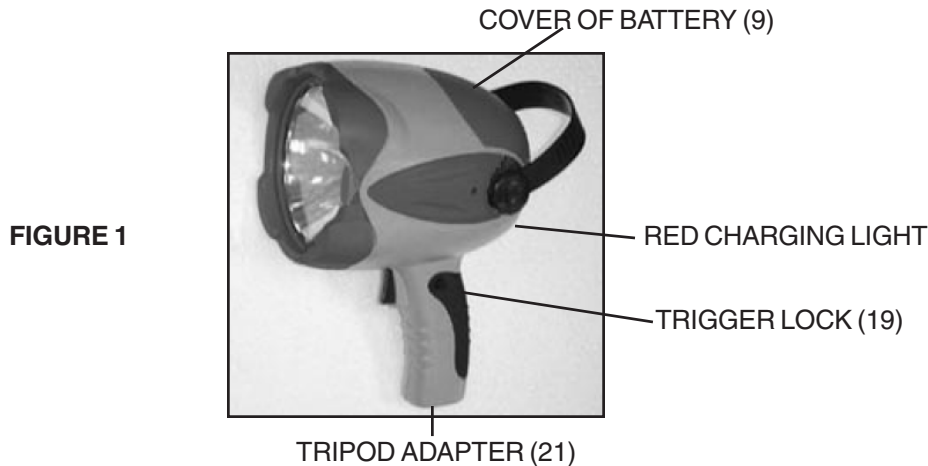
On/Off Switch

Press the switch the first time and either spotlight or flood light will go on. Press the switch again to turn off the light. Press the switch again and you will get the opposite light that went on after pressing the switch the first time (either the spotlight or flood light). Press switch again and light will go off. Push the Trigger Lock (19) on the side of the handle to lock the Trigger ON, or lock the Trigger OFF.

IF THERE IS ANY QUESTION ABOUT A CONDITION BEING SAFE, DO NOT OPERATE THE TOOL.

Replacing the Battery: When the Battery (8) is dead, it can be easily replaced. To replace the Battery, take out the screw on the back of the lamp, slide off Battery Cover (9) and pull out the Battery. Remove red and black wire connections from the old battery. Attach these two wire connections to the new replacement battery.

Note: Make sure red battery wire connects to red battery terminal and black battery wire connects to black battery terminal. Carefully slide the new Battery into Battery Box (7 & 11), making sure that the wires are not damaged. Slide Battery Cover (9) back into place.



REPLACING THE BULB

WARNING: Always wear ANSI approved safety goggles and work gloves when replacing the bulb.

1) Gently pull off the Black PVC Cover.

NOTE: When putting the cover back on, make sure it is put in the correct position so it fits perfectly on the housing.

2) Remove the 2 Plastic Glass Holders (18 & 24).

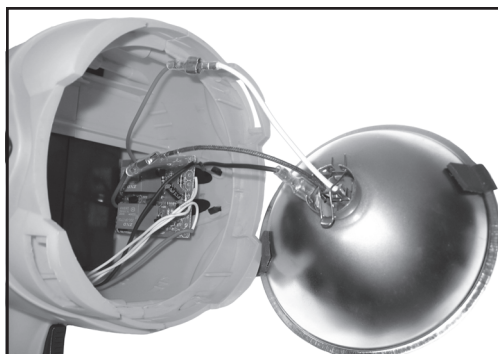
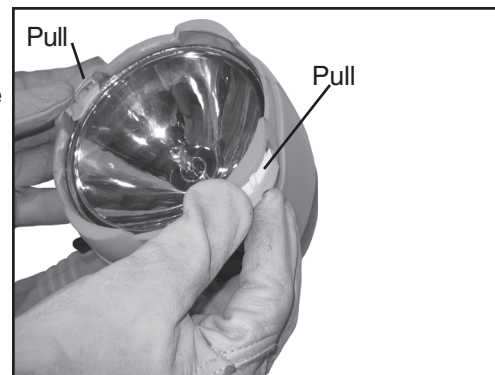
NOTE: When putting plastic Glass Holders back in place, make sure the groove on each holder is properly aligned with the housing.

3) Carefully remove the Glass (2).

4) Pull out the Reflector (3).

5) Remove the pin on the back of the Reflector, and take out the bulb assembly.

6) To replace the bulb, pull the two bulb wire leads away from the connecting wires. Do not attempt to pull on the bulb to remove it; the bulb may break causing personal injury.



7) Connect the two wire leads of the new bulb to the connecting wires of the Spotlight. Put the bulb back into the reflector and lock the bulb in place by securing with the pin.

8) Carefully put the glass back in place, and secure with the 2 Plastic Glass Holders. Make sure groove on each holder is properly aligned with the housing.

9) Fit the Black PVC cover back in place.

WARNING - BATTERY DISPOSAL

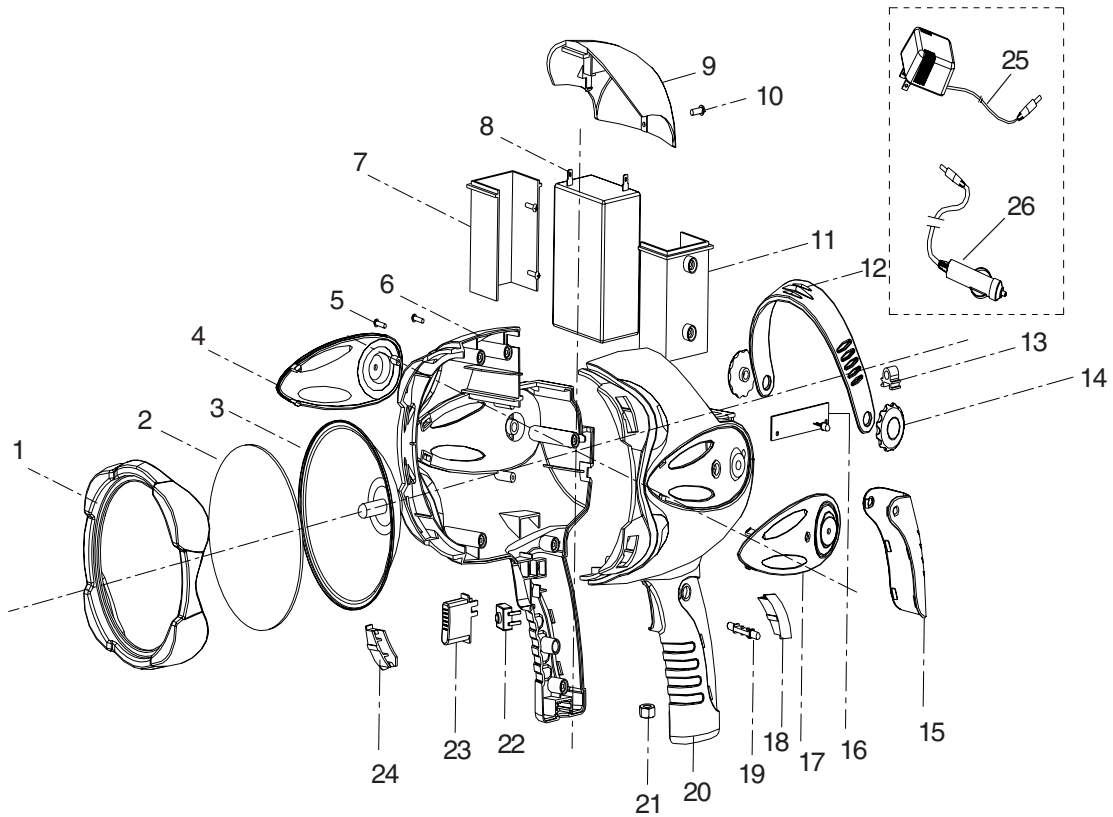
The Spotlight is powered by a battery which will have a long life span. When the battery is no longer functioning, it should be removed from the Spotlight and properly recycled. Many states require recycling. Contact your local solid waste authority for information on recycling. Before disposing of the battery, wrap exposed terminals with heavy tape to prevent a shorting condition, which could cause fire and/or injury.

NEVER EXPOSE THE BATTERY TO HIGH HEAT OR FIRE; BATTERY MAY EXPLODE UNDER THESE CONDITIONS.

PLEASE READ THE FOLLOWING CAREFULLY

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PARTS DIAGRAM



PARTS LIST

1	BLACK PVC COVER	14	ROTATION BUTTON OF HANDLE
2	GLASS	15	SOFT GRIP
3	REFLECTOR	16	CIRCUIT BOARD
4	LEFT TRIM PIECE	17	RIGHT TRIM PIECE
5	3*12BT	18	PLASTIC GLASS HOLDERS A
6	RIGHT HOUSING	19	TRIGGER LOCK
7	UPPER SHELL OF BATTERY	20	LEFT HOUSING
8	BATTERY	21	TRIPOD ADAPTER
9	COVER OF BATTERY	22	SWITCH
10	M4*10 BOLT	23	TRIGGER
11	DOWN SHELL OF BATTERY	24	PLASTIC GLASS HOLDERS B
12	HANDLE	25	CAR ADAPTER
13	BRASS QUAD	26	AC/DC ADAPTER

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