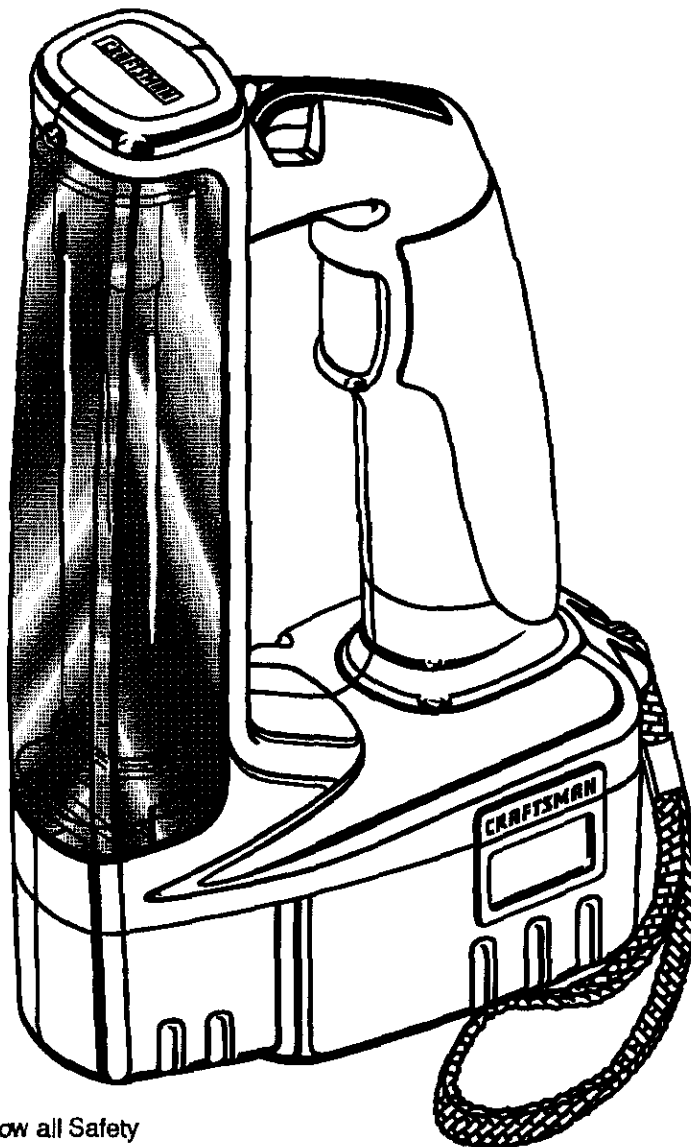


Operator's Manual

CRAFTSMAN®

19.2 VOLT FLUORESCENT LIGHT

Model No.
315.114071



Save this manual for
future reference

▲ CAUTION: Read and follow all Safety Rules and Operating Instructions before first use of this product.

- Safety
- Operation
- Maintenance

Customer Help Line: 1-800-932-3188

Sears, Roebuck and Co., 3333 Beverly Rd., Hoffman Estates, IL 60179 USA
Visit the Craftsman web page: www.sears.com

983000-199



TABLE OF CONTENTS

■ Warranty	2
■ Introduction	2
■ General Safety Rules	3
■ Specific Safety Rules	4-5
■ Symbols	6
■ Operation	7-8
■ Maintenance	9-10
■ Parts, Ordering, and Service	12

WARRANTY

FULL ONE YEAR WARRANTY ON CRAFTSMAN FLUORESCENT LIGHT

If this **CRAFTSMAN Fluorescent Light** fails to give complete satisfaction within one year from the date of purchase, **RETURN IT TO THE NEAREST SEARS STORE IN THE UNITED STATES**, and Sears will repair it, free of charge.

If this **CRAFTSMAN Fluorescent Light** is used for commercial or rental purposes, this warranty applies for only 90 days from the date of purchase.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Sears, Roebuck and Co., Dept. 817WA, Hoffman Estates, IL 60179

INTRODUCTION

Your fluorescent light has many features for making the use of this product more pleasant and enjoyable. Safety, performance, and dependability have been given top priority in the design of this product making it easy to maintain and operate.



WARNING: Do not attempt to use this product until you thoroughly read and completely understand the operator's manual. Pay close attention to the safety rules, including Dangers, Warnings, and Cautions. If you use this product properly and only as intended, you will enjoy years of safe, reliable service.



Look for this symbol to point out important safety precautions. It means attention!!! Your safety is involved.



WARNING:



The operation of any power tool can result in foreign objects being thrown into your eyes, which can result in severe eye damage. Before beginning power tool operation, always wear safety goggles or safety glasses with side shields and a full face shield when needed. We recommend Wide Vision Safety Mask for use over eyeglasses or standard safety glasses with side shields, available at Sears Retail Stores. Always wear eye protection which is marked to comply with ANSI Z87.1.

GENERAL SAFETY RULES

- ⚠ WARNING: Read and understand all instructions.** Failure to follow all instructions listed below, can result in electric shock, fire and/or serious personal injury.

SAVE THESE INSTRUCTIONS

WORK AREA

- **Keep your work area clean and well lit.** Cluttered benches and dark areas invite accidents.

ELECTRICAL SAFETY

- **Do not abuse the cord. Never use the cord to carry the charger. Keep cord away from heat, oil, sharp edges, or moving parts. Replace damaged cords immediately.** Damaged cords may create a fire.
- **A battery operated tool with integral batteries or a separate battery pack must be recharged only with the specified charger for the battery.** A charger that may be suitable for one type of battery may create a risk of fire when used with another battery. Use battery only with charger listed.
- **Use battery operated tool only with specifically designated battery pack.** Use of any other batteries may create a risk of fire. Use only with battery pack listed.

PERSONAL SAFETY

- **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use tool while tired or under the influence of drugs, alcohol, or medication.** A moment of inattention while operating power tools may result in serious personal injury.

- **Do not overreach. Keep proper footing and balance at all times.** Proper footing and balance enable better control of the tool in unexpected situations. Do not use on a ladder or unstable support.

TOOL USE AND CARE

- **Disconnect battery pack from tool before making any adjustments, changing accessories, or storing the tool.** Such preventive safety measures reduce risk of starting the tool accidentally.
- **Store idle tools out of reach of children and other untrained persons.** Tools are dangerous in the hands of untrained users.
- **Check for misalignment or binding of moving parts, breakage of parts, and any other condition that may affect the tool's operation. If damaged, have the tool serviced before using.** Many accidents are caused by poorly maintained tools.
- **Use only accessories that are recommended by the manufacturer for your model.** Accessories that may be suitable for one tool, may create a risk of injury when used on another tool.

SERVICE

- **Tool service must be performed only by qualified repair personnel.** Service or maintenance performed by unqualified personnel could result in a risk of injury.
- **When servicing a tool, use only identical replacement parts. Follow instructions in the Maintenance section of this manual.** Use of unauthorized parts or failure to follow Maintenance instructions may create a risk of shock or injury.

SPECIFIC SAFETY RULES

Hold tool by insulated gripping surfaces when performing an operation where the cutting tool may contact hidden wiring. Contact with a "live" wire will make exposed metal parts of the tool "live" and shock the operator.

ADDITIONAL RULES FOR SAFE OPERATION

- **Know your power tool. Read operator's manual carefully. Learn its applications and limitations, as well as the specific potential hazards related to this tool.** Following this rule will reduce the risk of electric shock, fire, or serious injury.

IMPORTANT RULES FOR BATTERY TOOLS

- **USE ONLY THE CHARGER RECOMMENDED FOR USE WITH YOUR FLASHLIGHT.** Do not substitute any other charger. Use of another charger could cause batteries to explode causing possible serious injury.
- **Battery tools do not have to be plugged into an electrical outlet; therefore, they are always in operating condition. Be aware of possible hazards when not using your battery tool or when changing accessories.** Following this rule will reduce the risk of electric shock, fire, or serious personal injury.
- **Do not place battery tools or their batteries near fire or heat.** This will reduce the risk of explosion and possibly injury.
- **Do not charge battery tool in a damp or wet location.** Following this rule will reduce the risk of electric shock.
- **For best results, your battery tool should be charged in a location where the temperature is more than 50°F but less than 100°F. Do not store outside or in vehicles.**

- **Under extreme usage or temperature conditions, battery leakage may occur. If liquid comes in contact with your skin, wash immediately with soap and water, then neutralize with lemon juice or vinegar. If liquid gets into your eyes, flush them with clean water for at least 10 minutes, then seek immediate medical attention.** Following this rule will reduce the risk of serious personal injury.



WARNING: Batteries vent hydrogen gas and can explode in the presence of a source of ignition, such as a pilot light. To reduce the risk of serious personal injury, never use any cordless product in the presence of open flame. An exploded battery can propel debris and chemicals. If exposed, flush with water immediately.



WARNING: Never use a battery pack that has been damaged or received a sharp blow. A damaged battery pack is subject to explosion. Properly dispose of a damaged battery pack immediately. Failure to heed this warning can result in serious personal injury.



WARNING: This light is not a toy and should not be used by children.

SPECIFIC SAFETY RULES

IMPORTANT SAFETY INSTRUCTIONS FOR CHARGER

- **Save these instructions.** This manual contains important safety and operating instructions for charger. Following this rule will reduce the risk of electric shock, fire, or serious personal injury.
- **Before using battery charger, read all instructions and cautionary markings in this manual, on battery charger, and product using battery charger.** Following this rule will reduce the risk of electric shock, fire, or serious personal injury.
- **To reduce risk of injury, charge only nickel-cadmium type rechargeable batteries. Other types of batteries may burst causing personal injury and damage.** Following this rule will reduce the risk of electric shock, fire, or serious personal injury.
- **Do not expose charger to wet or damp conditions.** Following this rule will reduce the risk of electric shock, fire, or serious personal injury.
- **Use of an attachment not recommended or sold by the battery charger manufacturer may result in a risk of fire, electric shock, or injury to persons.** Following this rule will reduce the risk of electric shock, fire, or serious personal injury.
- **To reduce risk of damage to charger body and cord, pull by charger plug rather than cord when disconnecting charger.** Following this rule will reduce the risk of electric shock, fire, or serious personal injury.
- **Make sure cord is located so that it will not be stepped on, tripped over, or otherwise subjected to damage or stress.** Following this rule will reduce the risk of serious personal injury.
- **An extension cord should not be used unless absolutely necessary.** Use of improper extension cord could result in a risk of fire and electric shock. If extension cord must be used, make sure:
 - a. That pins on plug of extension cord are the same number, size and shape as those of plug on charger.
 - b. That extension cord is properly wired and in good electrical condition; and
 - c. That wire size is large enough for AC ampere rating of charger as specified below:




Cord Length (Feet)	25'	50'	100'
Cord Size (AWG)	16	16	16

Note: AWG = American Wire Gage
- **Do not operate charger with a damaged cord or plug. If damaged, have replaced immediately by a qualified serviceman.** Following this rule will reduce the risk of electric shock, fire, or serious personal injury.
- **Do not operate charger if it has received a sharp blow, been dropped, or otherwise damaged in any way; take it to a qualified serviceman.** Following this rule will reduce the risk of electric shock, fire, or serious personal injury.
- **Do not disassemble charger; take it to a qualified serviceman when service or repair is required. Incorrect reassembly may result in a risk of electric shock or fire.** Following this rule will reduce the risk of electric shock, fire, or serious personal injury.
- **To reduce the risk of electric shock, unplug charger from outlet before attempting any maintenance or cleaning. Turning off controls will not reduce this risk.** Following this rule will reduce the risk of electric shock, fire, or serious personal injury.
- **Disconnect charger from power supply when not in use.** Following this rule will reduce the risk of electric shock, fire, or serious personal injury.
- **Save these instructions. Refer to them frequently and use them to instruct others who may use this tool. If you loan someone this tool, loan them these instructions also.** Following this rule will reduce the risk of electric shock, fire, or serious personal injury.

SAVE THESE INSTRUCTIONS

SYMBOLS

Important: Some of the following symbols may be used on your tool. Please study them and learn their meaning. Proper interpretation of these symbols will allow you to operate the tool better and safer.

SYMBOL	NAME	DESIGNATION/EXPLANATION
V	Volts	Voltage
A	Amperes	Current
Hz	Hertz	Frequency (cycles per second)
min	Minutes	Time
~	Alternating Current	Type or a characteristic of current
==	Direct Current	Type or a characteristic of current
n_0	No Load Speed	Rotational speed, at no load
.../min	Revolutions or Reciprocation Per Minute	Revolutions, strokes, surface speed, orbits etc. per minute
	Safety Alert Symbol	Indicates danger, warning or caution. It means attention!!! Your safety is involved.
	Wet Conditions Alert	Do not expose to rain or use in damp locations.
	Hot Surface. Do Not Touch	This decal indicates HOT SURFACE. DO NOT TOUCH. Keep all body parts away from all hot surfaces.

The purpose of safety symbols is to attract your attention to possible dangers. The safety symbols, and the explanations with them, deserve your careful attention and understanding. The safety warnings do not by themselves eliminate any danger. The instructions or warnings they give are not substitutes for proper accident prevention measures.

SYMBOL MEANING



DANGER: Failure to obey a safety warning will result in serious injury to yourself or to others. Always follow the safety precautions to reduce the risk of fire, electric shock and personal injury.



WARNING: Failure to obey a safety warning can result in serious injury to yourself or to others. Always follow the safety precautions to reduce the risk of fire, electric shock and personal injury.



CAUTION: Failure to obey a safety warning may result in property damage or personal injury to yourself or to others. Always follow the safety precautions to reduce the risk of fire, electric shock and personal injury.

NOTE: Advises you of information or instructions vital to the operation or maintenance of the equipment.

OPERATION

BATTERY PACK/CHARGER

If not purchased as a kit, the battery pack and charger are not included with your light. They are both sold separately. If you need to purchase the battery pack and charger, use the following information:

MODEL NO.	BATTERY PACK	CHARGER
315.114071	Item No. 9 11375 (1323517 or 1323903)	Item No. 9 11041 (1425301)

BATTERY PACK

The battery pack for this light has been shipped in a low charge condition to prevent possible problems. Therefore, you should charge it until light on front of charger changes from red to green.

Note: Batteries will not reach full charge the first time they are charged. Allow several cycles (operating light followed by recharging) for batteries to become fully charged.

CHARGING BATTERY PACK

See Figure 1.

- Use only the recommended battery pack and charger with the light.
- **Make sure power supply is normal household voltage, 120 Volts, 60 Hz, AC only.**
- Connect charger to power supply.
- Place battery pack in charger aligning raised rib on battery pack with groove in charger. See Figure 1.
- Press down on battery pack to be sure contacts on battery pack engage properly with contacts in charger.
- Normally, the red LED on charger will come on. This indicates charger is in fast charging mode.
- Red LED should remain on for approximately 1 hour then the green LED will come on. Green LED on indicates battery pack is fully charged and charger is in trickle charge mode. **Note:** Green LED will remain on until battery pack is removed from charger or charger is disconnected from power supply.
- If both yellow and green LED come on, this indicates a deeply discharged or defective battery pack.

Allow battery pack to remain in charger for 15 to 30 minutes. When battery pack reaches normal voltage range, red LED should come on.

If red LED does not come on after 30 minutes, this indicates a defective battery pack and should be replaced.

- After normal usage, a minimum of 1 hour of charging time is required to fully recharge battery pack.
 - The battery pack will become slightly warm to the touch while charging. This is normal and does not indicate a problem.
 - **Do not place charger and battery pack in an area of extreme heat or cold. It will work best at normal room temperature.**
- Note:** Charger and battery pack should be placed in a location where the temperature is more than 50°F but less than 100°F.
- When batteries become fully charged, unplug charger from power supply and remove the battery pack.

IMPORTANT INFORMATION FOR RECHARGING HOT BATTERY PACK

When using the light continuously, the batteries in the battery pack will become hot. You should let a hot battery pack cool down for approximately 30 minutes before attempting to recharge. When the battery pack becomes discharged and is hot, this will cause the green LED to come on instead of the red LED. After 30 minutes, reinsert battery pack in charger. If green LED continues to remain on, return battery pack to your nearest Sears Repair Center for checking or replacing.

Note: This situation only occurs when continuous use of your light causes the batteries to become hot. It does not occur under normal circumstances. Refer to "CHARGING BATTERY PACK" for normal recharging of batteries. If the charger does not charge the battery pack under normal circumstances, return both the battery pack and charger to the nearest Sears Repair Center for electrical check.

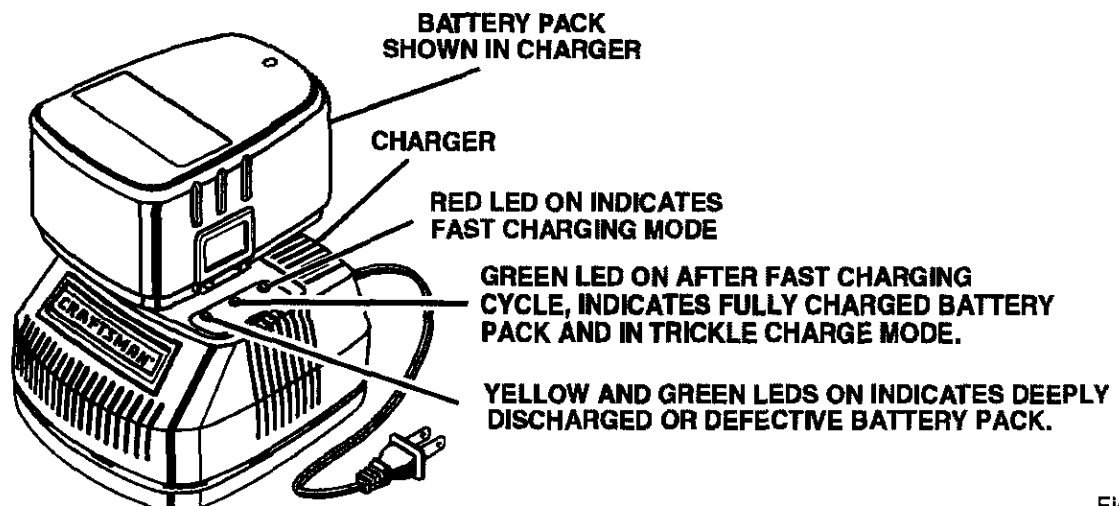


Fig. 1

OPERATION

LED FUNCTIONS OF CHARGER LED WILL BE ON TO INDICATE STATUS OF CHARGER AND BATTERY PACK:

- Red LED on = Fast charging mode.
- Green LED on = Fully charged and in trickle charge mode.
- Green LED on = When battery pack is inserted into charger, indicates hot battery pack or that battery pack is out of or below normal temperature range.
- Yellow and Green LEDs on = Deeply discharged or defective battery pack.
- No LED on = Defective charger or battery pack.

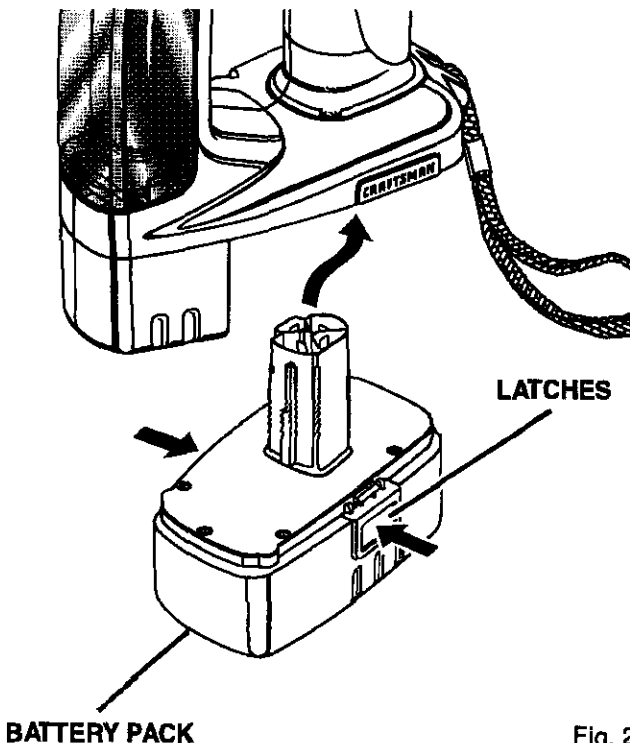
CAUTION: To prevent damage to battery pack, remove battery pack from charger immediately if no LED comes on. Return battery pack and charger to your nearest Sears Service Center for checking or replacing. Also, if you are removing battery pack from charger and no LEDs are on, return both battery pack and charger to your nearest Sears Service Center. Do not insert another battery pack into charger. A damaged charger may damage a battery pack.

TO INSTALL OR REMOVE BATTERY PACK

See Figure 2.

- Use only the recommended battery pack with your light.

WARNING: Do not install battery pack to your light until you have read and understood all precautions and operating instructions in the manual and printed on battery pack and charger.



- Orient battery pack so that raised rib on battery pack aligns with groove inside light. Battery pack is designed to fit only one way into light handle.
- Insert battery pack, making sure latches on each side of battery pack snap into place and battery pack is secure in light before use.

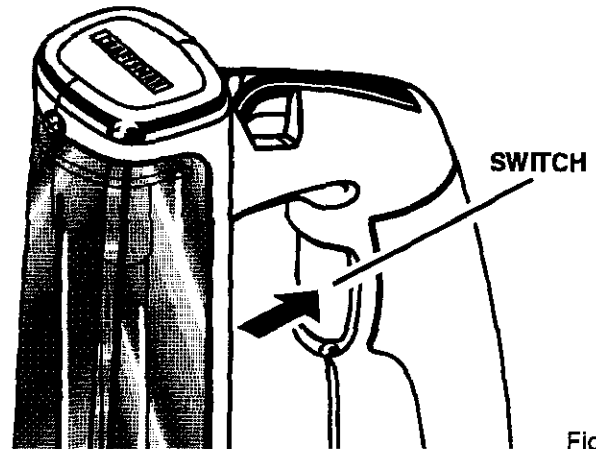
CAUTION: When placing battery pack in your light, be sure raised rib on battery pack aligns with groove inside light handle and latches snap into place properly. Improper assembly of battery pack can cause damage to internal components.

- To remove battery pack, locate latches on end of battery pack and depress to release battery pack from your light.

SWITCH

See Figure 3.

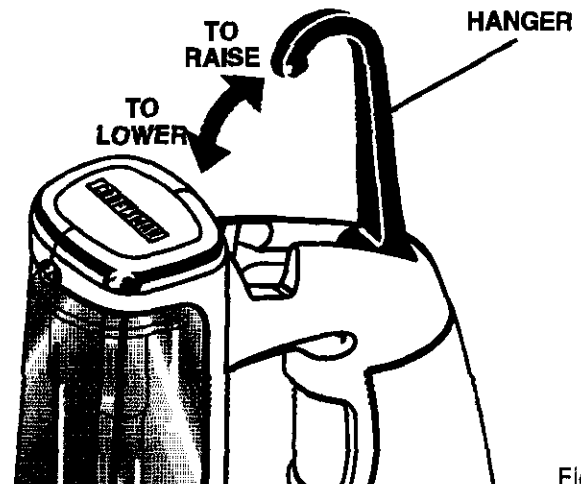
To turn light on and off, depress switch trigger.



HANGING / STORAGE FEATURE

See Figure 4.

On top of the housing is a hook in which you can use to hang the light up. This is a good feature for storing light when not in use and also to keep light out of the reach of children. To use, simply lift up on hook.



MAINTENANCE

WARNING: When servicing, use only identical Craftsman replacement parts. Use of any other part may create a hazard or cause product damage.

WARNING: Do not at any time let brake fluids, gasoline, petroleum-based products, penetrating oils, etc. come in contact with plastic parts. They contain chemicals that can damage, weaken or destroy plastic.

Do not abuse power tools. Abusive practices can damage tool as well as workpiece.

WARNING: Do not attempt to modify this worklight or create accessories not recommended for use with this worklight. Any such alteration or modification is misuse and could result in a hazardous condition leading to possible serious personal injury.

FLUORESCENT TUBE REPLACEMENT

See Figure 4.

When purchasing replacement fluorescent tube, request recommended part number 7819602. See Figure 5.

TO REPLACE FLUORESCENT TUBE:

- Remove battery pack from worklight. See Page 8.
- Remove screw to release lens cover. Remove lens cover by pulling forward and lifting from the housing.
- To remove old fluorescent tube from spring, gently grasp the lower edge of the rubber cushion and sides of bulb. Carefully work tube in a side-to-side motion while easing tube forward and up until tube is free from the spring. Do not pull fluorescent tube straight out from its center, as this increases chance of breakage.
- Remove rubber cushion from old fluorescent tube and place on top of new tube, rounded edge facing outward.
- Insert new fluorescent tube in spring by aligning prongs on tube with holes in tube socket area. Gently push down on base of new tube until fully engaged. Do not force tube into place.
- Replace lens cover by sliding lower edge into housing. Align screw holes at top. With a hand tool, tighten screw. Do not use drill included in kit to tighten screw, as drill torque may damage lens cover.
- Replace battery pack.

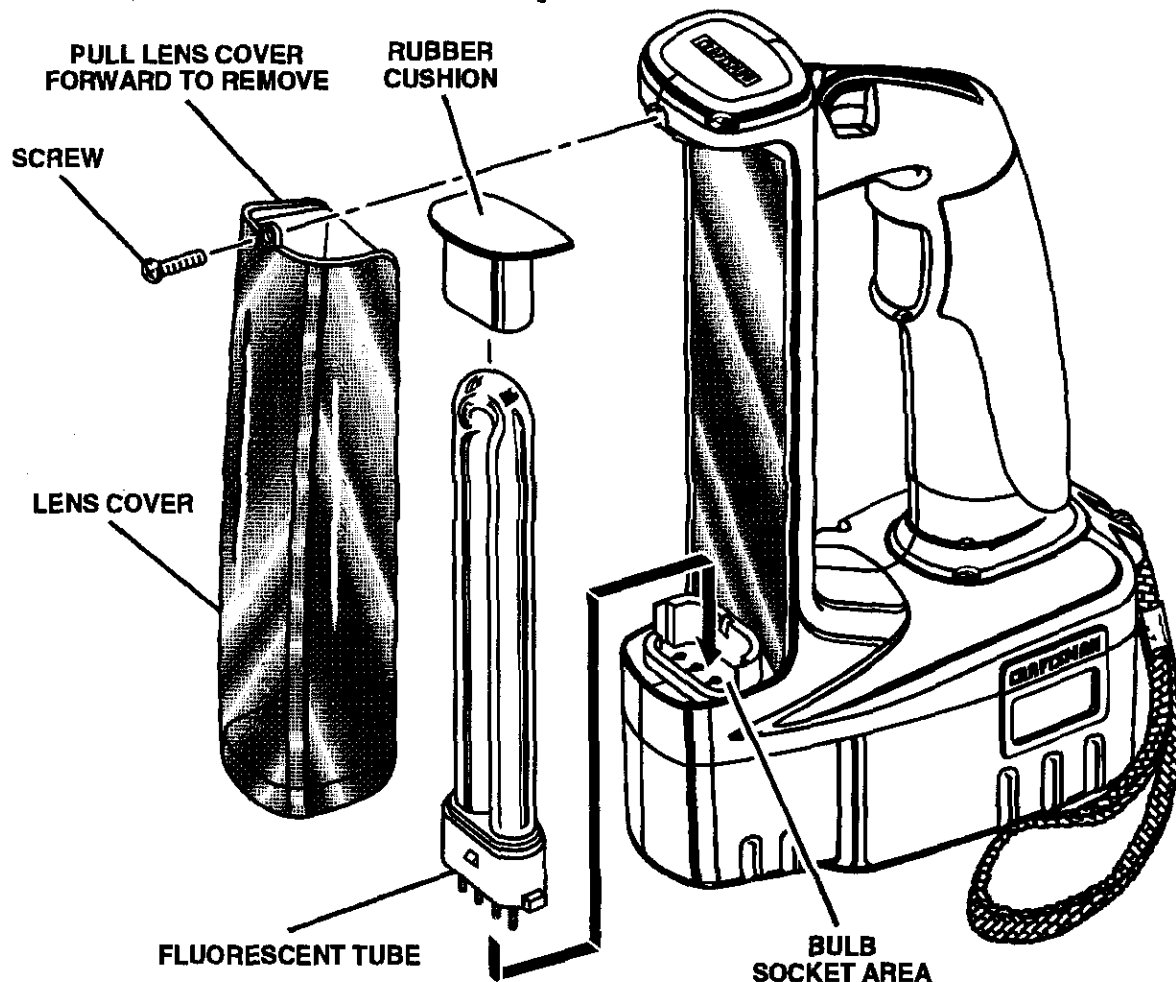


Fig. 5

MAINTENANCE

BATTERIES

The battery pack for this light is equipped with nickel-cadmium rechargeable batteries. Length of service from each charging will depend how much the light is used.

The batteries in the battery pack have been designed to provide maximum trouble free life. However, like all batteries, they will eventually wear out. **Do not** disassemble battery pack and attempt to replace the batteries. Handling of these batteries, especially when wearing rings and jewelry, could result in a serious burn.

To obtain the longest possible battery life, we suggest the following:

- Store and charge the battery pack in a cool area. Temperatures below 50°F or above 100° F will shorten battery life.
- Never store battery pack in a discharged condition. Recharge battery immediately when it becomes discharged.
- All batteries gradually lose their charge. The higher the temperature the quicker they lose their charge. If you store your light for long periods of time without using it, recharge the batteries every month or two. This practice will prolong battery life.



To preserve natural resources, please recycle or dispose of batteries properly.

This product contains nickel-cadmium batteries. Local, state or federal laws may prohibit disposal of nickel-cadmium batteries in ordinary trash.

Consult your local waste authority for information regarding available recycling and/or disposal options.

BATTERY PACK REMOVAL AND PREPARATION FOR RECYCLING

WARNING: Upon removal, cover the battery pack's terminals with heavy duty adhesive tape. Do not attempt to destroy or disassemble battery pack or remove any of its components. Nickel-cadmium batteries must be recycled or disposed of properly. Also, never touch both terminals with metal objects and/or body parts as short circuit may result. Keep away from children. Failure to comply with these warnings can result in fire and/or serious injury.

WARNING: Do not attempt to disassemble the battery pack. Fire or injury can result.

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