

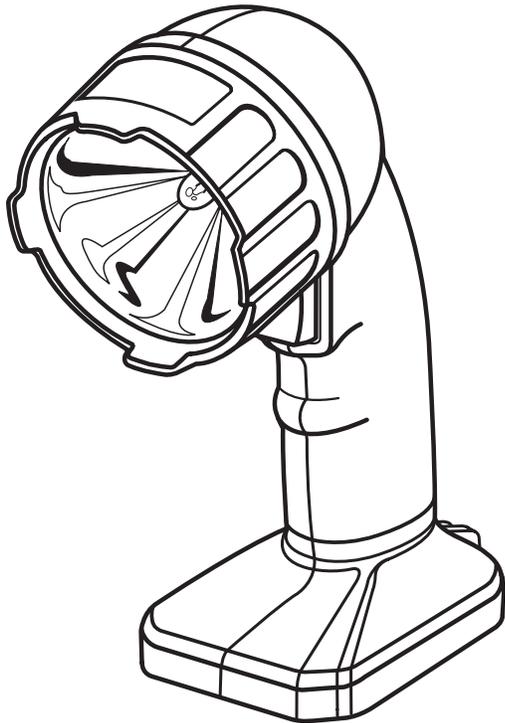
RYOBI®

OPERATOR'S MANUAL CORDLESS FLASHLIGHT

MODEL NO. FL1200 (12 VOLT)

MODEL NO. FL1400 (14.4 VOLT)

Use only with recommended battery pack and charger (both sold separately)



WARNING:

Do not connect your flashlight to a battery until you have read and understood all precautions and operating instructions in the manual and printed on battery and charger.

RULES FOR SAFE OPERATION

READ ALL INSTRUCTIONS

- **KNOW YOUR FLASHLIGHT.** Read operator's manual carefully. Learn its applications and limitations as well as the specific potential hazards related to this flashlight.

- **USE ONLY BATTERY PACK PART NUMBER 1311148 or 130147008 WITH FLASHLIGHT MODEL FL1200 AND PART NUMBER 1314702, 130224011 or 130224010 WITH MODEL FL1400.** Any attempt to use another battery pack will cause damage to your flashlight and could possibly explode, cause a fire, or personal injury.
- **REMOVE BATTERY PACK FROM FLASHLIGHT BEFORE REPLACING BULB OR PERFORMING ANY ROUTINE MAINTENANCE OR CLEANING.**
- **DO NOT DISASSEMBLE YOUR FLASHLIGHT.**
- **DO NOT PLACE FLASHLIGHT OR BATTERY PACK NEAR FIRE OR HEAT.** They may explode. Also, **DO NOT** dispose of a worn out battery pack by incinerating. Do not incinerate the battery, even if it is severely damaged or completely worn out. The battery may explode in fire.
- **DO NOT STORE YOUR FLASHLIGHT IN A DAMP OR WET LOCATION. DO NOT STORE IN LOCATIONS WHERE THE TEMPERATURE IS LESS THAN 50°F OR MORE THAN 100°F.** Do not store in outside or in vehicles.
- **DO NOT PERMIT CHILDREN TO USE FLASHLIGHT UNSUPERVISED.** It is not a toy. The temperature of the bulb will become hot after being on for only a short period of time. This hot temperature can cause burn injury if touched and can create sufficient heat to melt some fabrics.

WARNING:

If wrapped or in contact with fabric, the flashlight lens can produce sufficient heat to melt some fabrics. To avoid serious personal injury, never allow the flashlight lens to come in contact with anything.

- **KEEP WORK AREA CLEAN.** Cluttered areas and benches invite accidents.
- **AVOID DANGEROUS ENVIRONMENT.**
- **KEEP LIGHT DRY, CLEAN, AND FREE FROM OIL AND GREASE.** Always use a clean cloth when cleaning. Never use brake fluids, gasoline, petroleum-based products or any strong solvent to clean your flashlight.
- **STAY ALERT.** Watch what you are doing and use common sense. Do not rush.
- **CHECK DAMAGED PARTS.** Before further use of this flashlight, a part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Do not use flashlight if it does not function properly.

IMPORTANT SAFETY 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.

RULES FOR SAFE OPERATION (Continued)

- Your battery tool should be charged in a location where the temperature is **more than 50°F but less than 100°F**.
- 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 in your eyes, flush them with clean water for at least 10 minutes, then seek immediate medical attention.

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 that has been dropped or received a sharp blow. A damaged battery is subject to explosion. Properly dispose of a dropped battery immediately. Failure to heed this warning can result in serious personal injury.

IMPORTANT SAFETY INSTRUCTIONS FOR CHARGER

- Before using battery charger, read all instructions and cautionary markings in this manual, on battery charger, on battery and on and product using battery.

WARNING:

To reduce the risk of injury, charge only nickel-cadmium type rechargeable batteries. Other types of batteries may burst causing personal injury and damage.

- Do not expose to wet or damp conditions.
- To reduce the risk of damage to electric plug and cord, pull by the plug rather than the cord when disconnecting charger.
- 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 at your nearest Ryobi Authorized Service Center.
- Do not operate charger if it has received a sharp blow, been dropped, or otherwise damaged in any way; take it to your nearest Ryobi Authorized Service Center.
- Do not disassemble charger; take it to your nearest Ryobi Authorized Service Center when service or repair is required. Incorrect reassembly may result in a risk of electric shock or fire.
- 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.
- Do not use charger in wet or damp conditions.
- Disconnect charger from power supply when not in use.
- **SAVE THESE INSTRUCTIONS.** Review them frequently and use them to instruct others who may use this light. If you loan someone this flashlight, loan them these instructions also.

SAFETY RULES FOR FLASHLIGHT

WARNING:

Do not operate flashlight or charger near flammable liquids or in gaseous or explosive atmosphere. Internal sparks may ignite fumes.

WARNING:

Lens and bulb become hot during use.

- During or immediately after use, don't lay flashlight flat on lens surface or place lens area in contact with a plastic or fabric covered surface.
- Handle flashlight with care around any flammable surface.
- Let flashlight cool for several minutes after use before changing bulb.
- Do not use or permit use of flashlight in bed or sleeping bags. This flashlight lens can melt fabric and a burn injury could result.

OPERATION

CHARGING YOUR FLASHLIGHT

The battery pack and charger are not included with this flashlight. They are both sold separately. If you decide to purchase a battery pack and charger, request recommended battery pack part number 1311148 or 130147008 for Model FL1200 and battery pack part number 1314702, 130224010 or 130224011 for Model FL1400. Request one of the following chargers: charger part number 1411141 or 140120005 for Model FL1200. Request charger part number 1412001 for Model FL1400.

TO CHARGE BATTERY PACK:

- Charge battery pack only with the charger recommended.
- **Make sure power supply is normal house voltage, 120 Volts, 60 Hz, AC only.**
- Connect charger to power supply.
- Place battery pack in charger then press down on battery pack to be sure contacts on battery pack engage properly with charger contacts.
- Red light should turn on.

CHARGING WITH CHARGER PART NUMBER 1412001, 1400656, 1400677 or 140120005.

- When battery pack is fully charged, the red light will turn off and the green light will turn on.
- After normal usage, 1 hour of charging time is required to be fully charged. A minimum charge time of 1-1/2 hours is required to recharge a completely discharged battery pack.

CHARGING WITH CHARGER PART NUMBER 1411141.

- After normal usage, 3 hours of charging time is required to be fully charged. A minimum charge time of 6 hours is required to recharge a completely discharged battery pack.

TO INSTALL/REMOVE BATTERY PACK

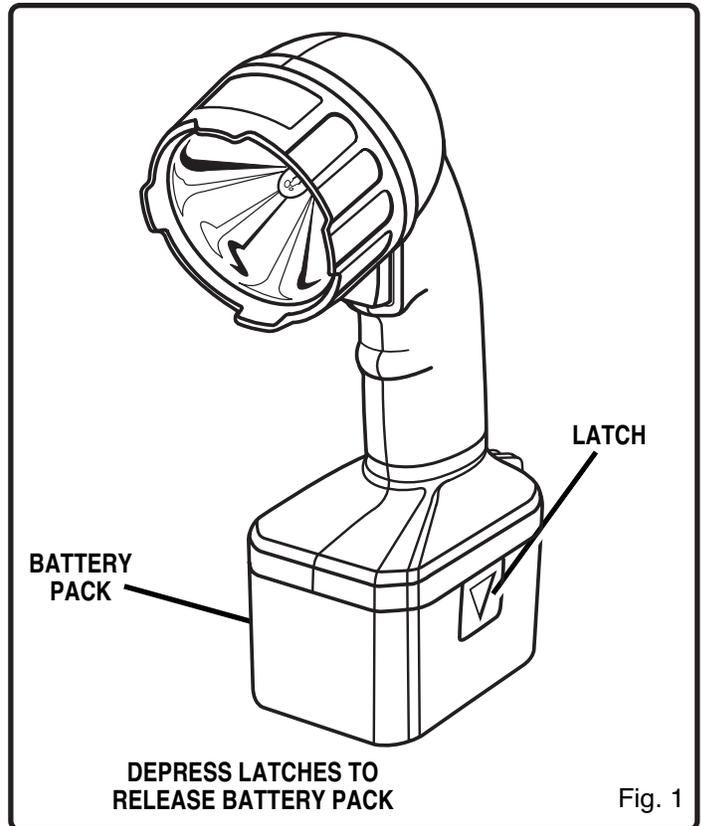
See Figure 1.

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

CAUTION:

When placing battery pack in your flashlight, be sure raised ribs on battery pack aligns with groove inside flashlight handle and latches snap in 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 flashlight.



OPERATION

SWITCH

See Figure 2.

To turn your flashlight on and off, depress switch trigger.

180° ROTATING HEAD

See Figure 2.

Your flashlight has the feature of rotating the head 180° back and forth.

BULB REPLACEMENT

See Figure 3.

When purchasing replacement bulb, request recommended part number 973638-001 for Model FL1200 and part number 981258-003 for Model FL1400.

TO REPLACE BULB:

- Remove battery pack from flashlight.
- Remove lens cover by turning cover in counterclockwise direction, then remove cover.
- Remove old bulb from spring.
- Position new bulb in spring.
- Replace lens cover.
- Replace battery pack.

Note: For your convenience, your flashlight has a spare bulb storage area. It is located behind the lens cover. See Figure 3.

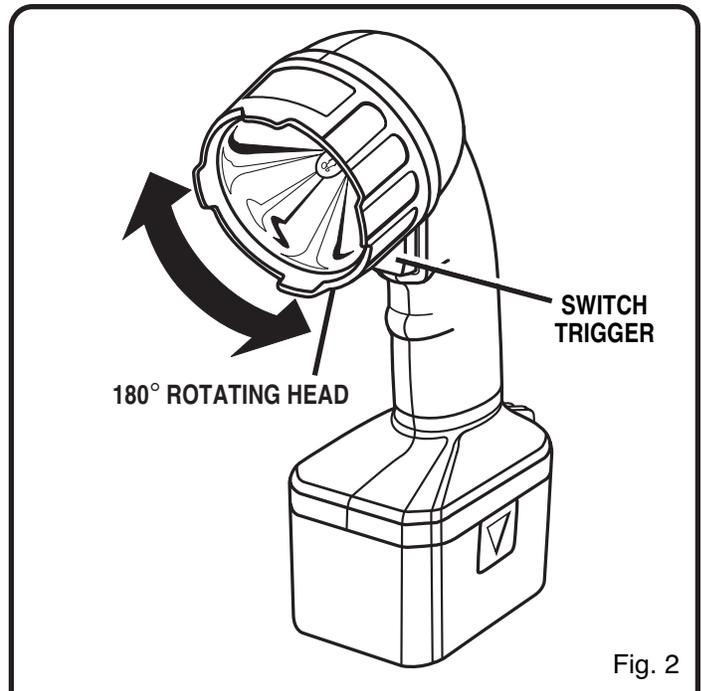


Fig. 2

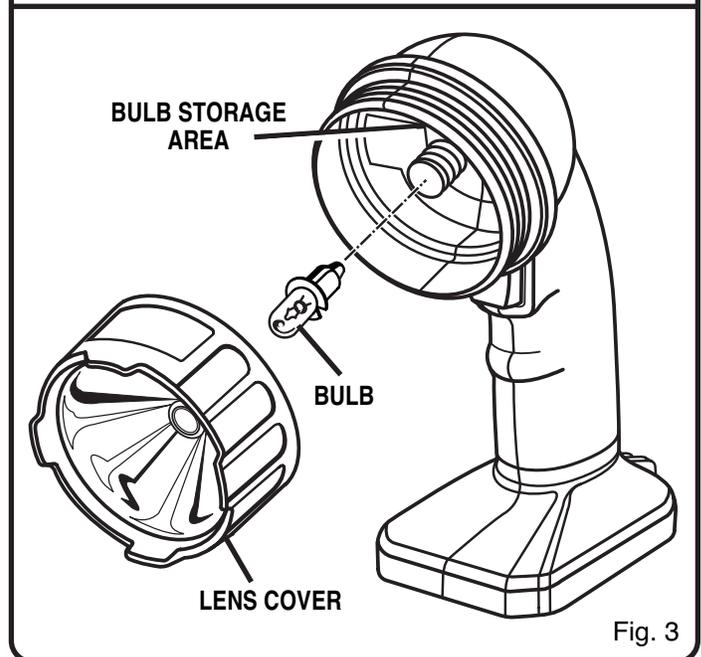


Fig. 3

MAINTENANCE

WARNING:

When servicing, use only identical 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 tool or create accessories not recommended for use with this tool. Any such alteration or modification is misuse and could result in a hazardous condition leading to possible serious personal injury.

BATTERIES

Your flashlight's battery pack is equipped with nickel-cadmium rechargeable batteries. Length of service from each charging will depend on the type of work you are doing.

The batteries in this tool 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 your batteries in a cool area. Temperatures above or below normal room temperature will shorten battery life.
- Never store batteries in a discharged condition. Recharge them immediately after they are discharged.
- All batteries gradually lose their charge. The higher the temperature the quicker they lose their charge. If you store your tool for long periods of time without using it, recharge the batteries every month or two. This practice will prolong battery life.

DISPOSAL OF THE EXHAUSTED BATTERY



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

This product uses 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.

For more information on battery recycling call **1-800-8BATTERY**.

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 could result in fire and/or serious injury.

WARNING:

Do not attempt to disassemble the battery pack. Fire or injury may result.



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MODEL NO. FL1400 (14.4 Volt)

- **SERVICE**

Now that you have purchased your tool, should a need ever exist for repair parts or service, simply contact your nearest Ryobi Authorized Service Center. Be sure to provide all pertinent facts when you call or visit. Please call 1-800-525-2579 for your nearest Ryobi Authorized Service Center. You can also check our web site at www.ryobitools.com for a complete list of Authorized Service Centers.

- **MODEL NO. AND SERIAL NO.**

The model number of this tool will be found on a plate attached to the motor housing. Please record the model number and serial number in the space provided below.

- **HOW TO ORDER REPAIR PARTS**

WHEN ORDERING REPAIR PARTS,
ALWAYS GIVE THE FOLLOWING INFORMATION:

- MODEL NUMBERS FL1200 / FL1400
- SERIAL NUMBER _____

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