

1 YEAR LIMITED WARRANTY PROGRAM

This limited warranty program is the only one that applies to this product, and it sets forth all the responsibilities of Vector Manufacturing, Ltd., regarding this product. There is no other warranty, other than described herein.

This Vector Manufacturing, Ltd. product is warranted, to the original purchaser only, to be free of defects in materials and workmanship for one year from the date of purchase without additional charge. The warranty does not extend to subsequent purchasers or users. Vector Manufacturing, Ltd. will not be responsible for any amount of damage in excess of the retail purchase price of the product under any circumstances. Incidental and consequential damages are specifically excluded from coverage under this warranty.

This product is not intended for commercial use. This warranty does not apply to accessories or damage to units from misuse or incorrect installation. Misuse includes wiring or connecting to improper polarity power sources.

RETURN/REPAIR POLICY: Defective products, other than accessories, may be returned postage prepaid to Vector Manufacturing. Any defective product, other than accessories, that is returned to Vector Manufacturing within 30 days of the date of purchase will be replaced free of charge. If such a product is returned more than 30 days but less than one year from the purchase date, Vector Manufacturing will repair the unit or, at its option, replace it free of charge.

If the unit is repaired, new or reconditioned replacement parts may be used, at Vector Manufacturing's option. A unit may be replaced with a new or reconditioned unit of the same or comparable design. The repaired or replaced unit will then be warranted under the terms of the remainder of the warranty period. The customer is responsible for the shipping charges on all returned items after 30 days. During the warranty period, Vector Manufacturing, Ltd. will be responsible for the return shipping charges.

LIMITATIONS: This warranty does not cover accessories, bulbs, fuses and batteries, defects resulting from normal wear and tear (including chips, scratches, abrasions, discoloration or fading due to usage or exposure to sunlight), accidents, damage during shipping to our service facility, alterations, unauthorized use or repair, neglect, misuse, abuse, failure to follow instructions for care and maintenance, fire, flood and Acts of God.

If your problem is not covered by this warranty, call our Technical Support Department (954) 584-4446 or toll-free (866) 584-5504 for general repair information and charges if applicable. You may also contact us through our website www.vectormfg.com.

STATE LAW RIGHTS: This warranty gives you specific legal rights. Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the exclusions or limitations stated herein may not apply. This warranty gives the purchaser specific legal rights; other rights, which vary from state to state, may apply.

TO REQUEST WARRANTY SERVICE FOR THIS PRODUCT: Contact Vector Manufacturing Technical Support by telephone, fax or mail. We suggest that you keep the original packaging in case you need to ship the unit. When returning a product, include your name, address, phone number, dated sales receipt (or copy) and a description of the reason for return and product serial number. After repairing or replacing the unit, we will make every effort to return it to you within four weeks.

WARRANTY ACTIVATION: Please complete Warranty Activation Card and mail to Vector Manufacturing. Enter "VEC138BY" as Model and "Xtrme Sport Spot 2,000,000 Candle Power" as Product Type. All Vector Manufacturing, Ltd. products must be registered within 10 days of purchase to activate this warranty. Mail the completed registration card, along with a copy of the original sales receipt to:

ATTN.: CUSTOMER SERVICE / VECTOR MANUFACTURING, Ltd.
4140 SW 28th Way, Ft. Lauderdale, FL 33312
PH: 954-584-4446 • TOLL FREE: 866-584-5504 • Fax: 954-584-5556.
You may also contact us at our web site www.vectormfg.com.

WARRANTY IS NON-TRANSFERABLE AND NON-REFUNDABLE.



© 2003 VECTOR MANUFACTURING, LTD.
FT. LAUDERDALE, FL 33312 • MADE IN CHINA
AHB 062303



VEC142

HIGH INTENSITY 12 VOLT DC WORKLIGHT CORDED • CORDLESS • RECHARGEABLE



OWNER'S MANUAL & WARRANTY INFORMATION

THIS MANUAL CONTAINS IMPORTANT INFORMATION REGARDING SAFETY, OPERATION, MAINTENANCE AND STORAGE OF THIS PRODUCT. BEFORE USING, READ AND UNDERSTAND ALL CAUTIONS, WARNINGS, INSTRUCTIONS AND PRODUCT LABELS, PLUS YOUR VEHICLE'S BATTERY MANUFACTURER GUIDELINES. FAILURE TO DO SO COULD RESULT IN INJURY AND/OR PROPERTY DAMAGE.

4140 SW 28TH WAY, FT. LAUDERDALE, FL 33312
TEL: 954-584-4446 • TOLL-FREE: 866-584-5504 • FAX: 954-584-5556
WWW.VECTORMFG.COM

**NOTE: THIS UNIT IS SHIPPED IN A PARTIALLY CHARGED STATE.
UPON RECEIPT, IMMEDIATELY CHARGE THE BATTERY FOR
18 - 20 HOURS, USING AC CHARGER.
RECHARGE AFTER EACH USE.**

IMPORTANT SAFETY INFORMATION

**PLEASE READ INSTRUCTION MANUAL COMPLETELY FOR ALL SAFETY
AND WARNING INSTRUCTIONS.**

WARNINGS

- Contains non-spillable, sealed, lead acid battery. Must be recycled or disposed of properly.
- DO NOT dispose of batteries in fire or intense heat, as this may result in an explosion.
- DO NOT open battery or short circuit, as this may cause the battery to leak or get hot, causing personal injury. Any disposal questions call toll-free (877) 288-7722.
- USE ONLY WITH CHARGERS PROVIDED WITH UNIT.
- AFTER AC AND DC RECHARGE- disconnect cord and wait 5 minutes before use.
- DO NOT OVERCHARGE:
 - a) AC charge 15 hours maximum.
 - b) DC charge 3 hours maximum.

CAUTIONS

- 1) Do not substitute power cords or adapters. ONLY recharge with supplied AC and DC recharge adapters. Charge adapters for this unit supply 12 volts DC.
- 2) Do not submerge in water. This unit is not waterproof - it is water resistant.
- 3) Do not operate work light while recharging. This will prevent battery recharge and overheat the charging adapters.
- 4) WorkLight Lens gets very hot when "on". Do not touch lens - keep children away from worklight.
- 5) Keep combustibles away from WorkLight lens - extreme heat can cause fires. This is not a toy!
- 6) Keep sharp objects away from breakable glass lens.
- 7) Do not drop or throw spotlight, it contains glass and a sealed lead acid battery.
- 8) Dispose of unusable batteries in a responsible manner (see battery disposal Section 6).
- 9) During recharge, make sure cords are protected from damage.
- 10) Do not crush, cut, pull or expose recharge adapter cords to extreme heat.
- 11) Position recharge cords away from sharp edges so they do not become a safety hazard by becoming entangled.

1. INTRODUCTION

Congratulations on purchasing the (VEC142) Vector Corded, Cordless and Rechargeable High Intensity 12 Volt DC WorkLight. On the job or around the house, this work light provides ample light to whatever project you may tackle. It is easy to adjust the light angle and comes with a clamp and hook that allow for positioning the light for hands-free operation. It uses a powerful, proven-technology, rechargeable, non-spillable, sealed, 12 volt lead acid battery that provides for years of dependable use, recharge after recharge. The VEC142 is versatile, practical and the perfect choice for: travel, camping, picnicking, tailgate parties and boating. This work light gives you the kind of light you need, when and where you need it.

The WorkLight includes one 12 volt DC and one 110/120 volt AC adapter. This permits recharge flexibility for use around home, business or in the field. 12 volt DC power is available from most vehicles, boats, jump starters and portable battery packs. Vector has a variety of portable power products that would make ideal companions.

2. FEATURES

- Corded, Cordless and Rechargeable for portability
- Powerful 500 watt quartz halogen bulb
- Clamp and hook adapter for versatile mounting options
- Also functions as a 12 volt DC portable power supply
- Reflector swivels and tilts for exact light placement
- Rubber safety guard (bezel) and plastic cage protect the work light
- Toggle power switch – WorkLight ON/OFF

2. OPERATION

A two-position "on/off" switch controls the operation of the WorkLight. The WorkLight can be continuously lit for up to 25 minutes on a full battery charge. Never operate the WorkLight during AC charging. FIGURE 1 shows the adjustable angle range of the WorkLight. FIGURE 2 rearview, shows WorkLight/on/off switch, 12 volt DC socket, battery charging LED, light angle adjusting thumb screw and the clamp and hook accessory.

The WorkLight head can swivel 180 degrees, up and down, to accommodate most any job lighting situation. To release the swivel head from a locked position, simply rotate the thumbscrew counter-clockwise to loosen. Then position the swivel head in the desired position and tighten the thumbscrew to hold in place. An additional benefit of the WorkLight is the utility value of the clamp and hook accessory. Utilizing this accessory provides many mounting (positioning) options that can allow for hands-free operation.

FIGURE 1

The Xtreme Sport Spot® can be operated with or without the battery installed. Operation from external 12 volt DC source with at least 10 amps capacity will allow lamp operation and internal battery charge.

SPOTLIGHT – Using the locking trigger switch:

1. The trigger switch is located on the front of the pistol-grip handle of the spotlight (see Figure 1)
2. To turn the Xtreme Sport Spot® 2,000,000 On, squeeze the trigger switch
3. To turn the Xtreme Sport Spot® 2,000,000 Off, release the trigger switch
4. To lock the trigger switch into the on position for continuous operation, squeeze the trigger switch and firmly press the trigger locking button located on the side on the handle (see Figure 1); the spotlight will stay on until the lock is released

AREA UTILITY LIGHT

1. Will provide 18 hours of continuous utility lighting - THE AREA-UTILITY LIGHT is ideal for roadside repairs, as a flashlight, for work areas, for use as a campsite area light, for power outage, etc
2. The On/Off button for the area light is located near the bottom of the handle, on the left side (see Figure 1 & 3)
3. To turn the area light On, press the button
4. To turn the area light Off, press the button

5. HANDS-FREE OPERATION

USING THE BUILT-IN HANGING HOOK:

1. Unsnap the workstand legs from over the hanging hook and spread them apart so you can lift the hook into the upright position (see Figure 3)
2. Return the stand legs to the storage bracket
3. Use the hook to position the spotlight in any safe, convenient location for hands-free use
4. For hand-held use: Open the stand legs, fold the hook down, and snap the legs back into the storage bracket

USING THE BUILT-IN STAND:

1. Unsnap the leg stands from over the hanging hook and spread them apart so you can lift the hook into the upright position (see Figure 3) (do not over extend)
2. Push the legs towards the front of the spotlight and the hook towards the back, creating a tripod
3. Turn the spotlight upside-down, and rest it on the stand (see Figure 3)
4. The spotlight and/or area utility light may now be used hands-free
5. For hand-held operation, simply fold the hook down and snap the legs back into the storage bracket

FIGURE 3 - XTREME SPORT SPOT® BUILT-IN STAND

FIGURE 2

6. CLIP-ON LENSES

Use the safety/warning signal amber and red lenses as a filter for the Xtreme Sport Spot® 2,000,000.

INSTALLING THE AMBER AND RED LENSES

1. Remove the black rubber bezel
2. Securely clip colored lens filter over spotlight
3. To remove filter, gently pull tabs on both sides of the lens and replace rubber bezel

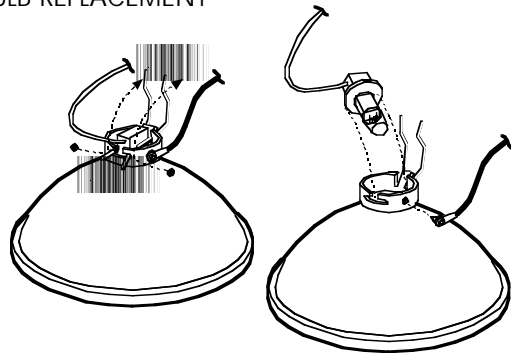
7. BULB REPLACEMENT

For bulb replacement you will need a small Phillips-head screwdriver. To replace the H3 12 volt Halogen Spotlight Bulb (see Figure 4A and Figure 4B):

1. Disconnect the Xtreme Sport Spot® 2,000,000 from any charging/power source.
2. Remove the battery cover (see battery replacement section 7 figure 5 for directions).
3. Disconnect one wire from a battery terminal.
4. Remove the rubber bezel by pulling it away from the spotlight lens.
5. Remove the two Phillips-head screws that hold the retaining ring to the spotlight body.
6. Pull off the retaining ring and set it aside.
7. Carefully remove the glass lens, rubber "O" ring and reflector assembly.
8. Loosen (no need to fully remove) the Phillips-head screw in the neck of the reflector assembly - this will release the bulb unit.
9. Disconnect the bulb's center conductor wire from it's connecting wire.
10. Gently pull out the bulb unit and replace with a new H3 12 volt halogen bulb from Vector (or minimum H3 12V 55W), available from an electrical supply house or from Vector's technical support department, call (954) 584-4446.
11. Reverse the above procedure to re-assemble the spotlight.

FIGURE 4A

FIGURE 4B - BULB REPLACEMENT



NOTE: It is recommended that the unit be returned to Vector for replacement of the spotlight bulb. Contact Vector's Technical Support Department at (954) 584-4446.

NOTE: When handling a new halogen bulb, do not touch the glass portion of the bulb. Natural oils from your hands can cause the bulb to fail. If necessary, clean the bulb with alcohol or a liquid window cleaner.

REPLACING THE AREA LIGHT BULB:

1. This 12volt 0.3 amp quartz halogen bulb is designed to last for the lifetime of the product.
2. In the event of failure, you may return the spotlight to Vector for bulb replacement. Contact Vector's Technical Support Department at (954) 584-4446.

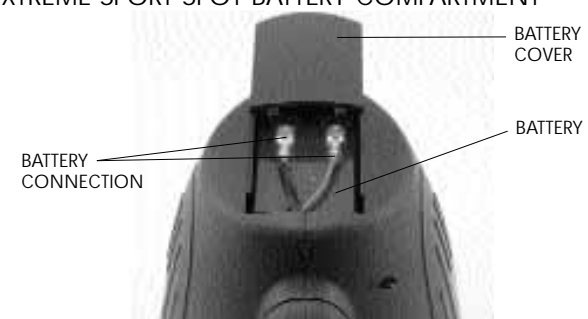
8. **BATTERY**

1. The life expectancy of the 12 volt 3.0 Amp-hour, sealed lead-acid battery is approximately 500 charging cycles. A replacement battery may be purchased through the Vector Technical Support Department by calling (954) 584-4446
2. A fully-charged battery will provide approximately 22 minutes of continuous light from the spotlight, or up to 16 hours of continuous light from the area utility light
3. Do not allow battery to completely discharge, a dim light indicates that the battery charge is low, and should be recharged or powered from external DC source. Charge battery as soon as possible after each use

REPLACING THE BATTERY PACK:

All lead acid batteries fail over time and with extreme temperature changes. Keeping the battery charged periodically will extend battery life to the maximum. Recharge after each use as soon as possible using AC/DC recharge adapter as DC recharge methods may not fully recharge the battery to its full capacity. If the battery does not operate the spotlight for more than 10 minutes and recharge is sufficient to fully charge the battery, then it is time to replace the battery.

FIGURE 4B - XTREME SPORT SPOT BATTERY COMPARTMENT



1. Disconnect the Xtreme Sport Spot® 2,000,000 from the charging/powering source.
2. Make sure the trigger switch is turned Off.
3. Lift the battery pack cover and remove it.
4. Carefully disconnect the positive and negative wires from the battery clips, noting the position of the wires.
5. Follow the directions to replace the quartz halogen bulb in the spotlight to gain access to the battery from the inside of the spotlight body.
6. Push on the battery from the inside of the body to remove the battery.
7. Set the battery aside and insert the new battery from the rear of the body assembly.
8. Reassemble the spotlight.
9. Place the battery in the compartment taking care to MATCH UP THE PROPER POLARITY - POSITIVE (red) to positive; negative (black) to negative.
10. Attach wires to terminals.
11. Make sure battery cover is properly aligned.
12. Test the spotlight by operating the trigger switch. Charge the new battery for 18-20 hours using the AC/DC recharge Aadapter.

BATTERY DISPOSAL:

1. Non-spillable sealed lead-acid battery - This battery is fully recyclable and should be accepted at any location that accepts common automotive starter batteries. Examples of places that accept these batteries are: County or municipal recycling drop-off centers, scrap metal dealers, and retailers who sell automotive replacement lead acid starter batteries. For more information on recycling this battery, call toll-free (877) 288-7722.
2. Before disposing of the battery, protect exposed terminals with heavy-duty tape to prevent shorting (shorting can result in injury or fire).
3. Do not expose battery to fire or intense heat as it may explode.



FUSE REPLACEMENT:

The Xtreme Sport Spot® DC power/charging cord is equipped with a 10 amp cartridge fuse. If this fuse blows, there may be a short circuit in the power cord or lamp assembly. The fuse will blow if the battery is connected with reverse polarity. The fuse is accessed by unscrewing (counter-clockwise) the tip of the large DC plug. Check the fuse with an ohmmeter or other continuity checker. If the fuse is open, investigate why it blew and correct the problem before replacing the fuse. Reassemble the DC connector and power the lamp from a 10 amp or greater 12 volt power supply.