

PERFORMANCE

- The light housing can be rotated left or right as desired. Simply grasp the housing (MAKE SURE IT IS NOT HOT TO THE TOUCH) and rotate to the desired position. Adjust the rotation tension using the Phillips screw on the underside of the light housing bracket.
- Do Not use solvents or harsh cleaners to clean your ViewPoint™ light system. Use only a damp cloth to clean the unit. Before cleaning, unplug all wires from the battery pack, light housing and wall receptacle (or power source).

V. Bulb Maintenance and Replacement

A. Halogen Bulbs

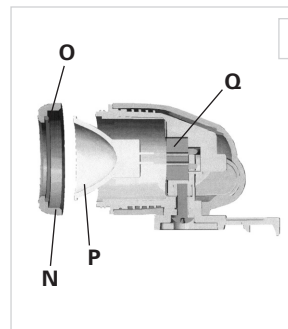
- Halogen bulbs become very hot when illuminated. Never touch the bulb when it is illuminated!
- If you need to replace the bulb for any reason, allow at least fifteen (15) minutes for the bulb to cool before touching it. Do not allow children to touch the bulb or bulb housing.
- Operating the light for an extended period without adequate airflow will cause the bulb to overheat, which will shorten bulb life.

Standard bulbs supplied with ViewPoint™ systems:

| | |
|------------------|---|
| Evo Single | 6 Volt 10 Watts = approx. 2 hour run time |
| Evo Dual | 6 Volt 10 Watts = approx. 4 hour run time |
| | 6 Volt 20 Watts = approx. 2 hour run time |
| | Combined 30 Watts = approx. 1 hour run time |

CAUTION

If the glass bulb lens is cracked or broken do not operate the light.
Replace bulb before operating.



5

B. Bulb Replacement

- Disconnect the light housing from the battery pack.
- Unthread the retaining cap (N) and remove it from the front of the light housing (be careful not to lose the O-ring seal (O) inside the retaining cap). See Figure 5.
- Remove the old bulb (P) from the ceramic socket (Q). It may be necessary to use a small screwdriver to gently pry the bulb loose.
- Install the new bulb by inserting the bulb lead wires into the small holes in the socket, and gently pressing into place.
- Reinstall the retaining cap (make sure the O-ring seal is in place). Do not connect the light housing to the battery pack until the retaining cap is reattached.

PERFORMANCE**ViewPoint™
EVO**

single headlight system



Congratulations on your purchase of a ViewPoint™ light system! Please read the following instructions and safety tips carefully. We hope they will increase your enjoyment and maximize the life and performance of your light system, battery and charger.

I. Battery Charging & Maintenance

A. General Tips and Precautions

- Your ViewPoint™ system includes Nickel Metal Hydride (Ni-MH) battery technology and an automatic charger to help ensure maximum battery life.
- We have taken extensive measures to ensure you do not accidentally short circuit your battery; however, you must NOT attempt to connect the positive terminal to the negative terminal either directly or indirectly.
- DO NOT attempt to alter any of the electrical components; doing so may result in damage to the light system and possible injury.
- Never carry your Ni-MH battery pack by the power cord as this may damage the cord or battery.

B. Battery Charging

- The batteries included with your ViewPoint™ light system are shipped from the factory pre-charged. However, as they may have spent some time in transit and storage before reaching you, they will require a top-off charge before the first use.
- Make sure the battery and charger are in a dry, well-ventilated area. The temperature should be between 0° and 40° C (32° to 104° F).
- Before charging, remove the battery pack from the protective neoprene pouch.
- Plug the ViewPoint™ Ni-MH automatic charger into a standard house wall receptacle (120VAC). The LED on the charger will illuminate solid yellow.

**Performance Tech Support 1(800)553-8324
9am-6pm EST Monday-Friday**



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5. Connect the battery to the charger. The LED will flash yellow 5 times as the charger performs a battery diagnostic to detect the battery's state of charge.
 - a. If the battery is fully charged the LED indicator will illuminate green to indicate the battery is fully charged and ready to use. The charger will switch to trickle charge mode to maintain a full charge until you are ready to use the battery.
 - b. If the battery requires a charge the LED will illuminate red to indicate the battery is charging. Once the battery is fully charged the LED will illuminate green, and the charger will switch to trickle charge mode to maintain a full charge until you are ready to use the battery. Approximate charge time for the ViewPoint™ Single is 4 hours.
6. The LED indicator displays the battery's state of charge.
 - Red = Charging
 - Green = Fully charged / Trickle charge is on
 - Yellow = Charger power is on / No battery connected
 - Flashing Red = Battery problem
7. Your battery will not be harmed if left on the charger once it is fully charged. However, as with all electrical products you should unplug the charger when not using it.

Note: Ni-MH batteries do not have to be fully discharged before they can be recharged. Do not over-discharge the battery, as this may damage the battery and shorten overall battery life. When light output dims or becomes yellow, turn off the system and recharge the battery. When maintained properly, Ni-MH batteries will provide hundreds of cycles before replacement is required.

C. Battery Storage

1. Once a Ni-MH battery is fully charged and removed from the charger, it can be stored for several months. Over time, however, it will self-discharge. For maximum power your Ni-MH battery will require a top-up charge after a week or more of storage.
2. The battery will not be harmed if stored in a discharged state, but to ensure best performance and maximum life from your battery, it should be charged every four months during extended periods of non-use.
3. After long periods of non-use (two months or more) the battery will require between 2 and 10 cycles to regain peak performance. One cycle = full charge to full discharge (just dim or yellow output) to full charge.
4. Store your battery in a cool, dry location. During the riding season if you prefer you can leave the battery connected to the charger. As with all electrical products, however, the charger should be unplugged when not in use.

D. Battery Disposal

Dispose of used batteries properly. Do not incinerate, discard in the trash or send to a landfill. Contact your local waste removal authority for instructions on how and where to recycle batteries.

CAUTION

- To avoid possible injury, keep battery and charger out of reach of children.
- Do Not operate charger outdoors or in a wet or damp environment.
- Do Not place the battery pack in a sealed container when charging or discharging.
- **When charging, remove the battery pack from the protective neoprene pouch.**
- The battery should be charged at a temperature between 0° to 40° C or 32° to 104° F.
- Store your Ni-MH battery at a temperature between 0° to 40° C or 32° to 104° F.
- **Do Not use the ViewPoint™ EVO Single Charger to charge the ViewPoint™ EVO Dual battery, or vice versa.**
- Do Not operate the charger with a damaged cord or plug; replace the charger immediately.
- Do Not operate the charger if it has received a sharp blow, been dropped, or otherwise damaged in any way.
- To reduce risk of electric shock or injury, unplug the charger from the outlet before cleaning or inspecting.
- Before connecting the charger to a power source (receptacle, outlet, etc.) be sure the voltage supplied is the same as recommended for the charger – i.e. 120 Volts. A power source with voltage greater than specified can result in serious injury to the user and damage to the charger. If in doubt, DO NOT plug in the charger.
- Never carry the charger by the cord or pull the cord to disconnect the charger from the receptacle.
- Do Not use any other charger with your ViewPoint™ Ni-MH battery pack. Use ONLY the ViewPoint™ Ni-MH charger supplied with this light system.

II. Installation (Handlebar)

A. Handlebar Bracket and Light Housing Installation

Mount the ViewPoint™ EVO Single to your handlebar as shown in Figure 1.

1. Open the quick release handlebar bracket (A), and install on the handlebar so that the light housing (when installed) is centered over the stem. For use on larger diameter handlebars, it may be necessary to remove the two rubber inserts (E) from the bracket.
2. Spin the quick release lever (C) to adjust bracket clamping tension, and then flip the quick release lever downward to secure the bracket in place. The bracket should be tight enough that it will not move on the bar from vibration or bumps while riding.
3. If the bracket clamping tension is too loose or too tight, open the quick release lever, adjust clamping tension, close the lever and re-check for secure attachment.
4. Attach the light housing (B) to the handlebar bracket. Align the bracket on the underside of the light housing with the handlebar bracket, and slide the light onto the bracket from back to front. You should hear an audible 'CLICK' indicating that the light is securely attached to the bracket.
5. To remove the light from the handlebar bracket, push the release tab (D) at the rear of the light housing upward, and slide the light rearward until it is free from the handlebar bracket.

B. Power Switch Installation

Attach the power switch to your handlebar as shown in Figure 2.

1. Position the power switch (F) on your handlebar in a location that can be easily reached while riding. Ideally, it should be placed so that you can reach it with your thumb without moving your hands from their normal riding position. Secure the remote switch with the hook and loop strap (G).
2. Secure the wire harness (H) to the stem with the hook and loop strap (I).
3. Insert the 90° plug from the wire harness (H) into the power jack at the rear of the light housing. Connect the remaining cord from the wire harness to the battery cord.

C. Battery Pouch Installation

1. Position the battery pouch (J) as shown in Figure 3. Make sure the battery power plug (K) is facing the handlebar.
2. Secure the pouch to the top tube using the hook and loop strip on the pouch lid flap (L). Secure the pouch to the down tube with the additional hook and loop strap (M).
3. Ensure no cables are hanging free that might snag on brush or trees during a ride.

III. Installation (Helmet)

Mount the ViewPoint™ EVO Helmet light to your helmet as shown in Figure 4. The helmet bracket is secured to your helmet with a hook and loop strap that feeds through the helmet's ventilation holes.

1. Center the bracket (R) on the helmet, approximately a third of the way between the front and back of the helmet.
2. Feed the hook and loop strap (S) down through a vent hole next to the bracket, and then up through a vent hole on the other side of the bracket. Loop the strap through the "D" ring, feed it back through the vent hole and pull snugly to secure the bracket. Once the strap is tight and the bracket is secure, fasten the hook and loop strap.
3. Secure the power switch (F) and wire harness (H) to the helmet using the hook and loop straps (G, I) as shown in Figure 4.
4. Attach the light housing (B) to the helmet bracket. Align the bracket on the underside of the light housing with the helmet bracket, and slide the light onto the bracket from back to front. You should hear an audible 'CLICK' indicating that the light is securely attached to the bracket.
5. Insert the 90° plug from the wire harness into the power jack at the rear of the light housing. Connect the remaining cord from the wire harness to the battery cord.
6. Adjust headlamp angle as desired by grasping the light housing (MAKE SURE IT IS NOT HOT TO THE TOUCH) and rotating up or down and side to side.
7. To remove the light from the helmet bracket, push the release tab (D) at the rear of the light housing upward, and slide the light rearward until it is free from the helmet bracket.

IV. Using your Light

CAUTION

Avoid burns. Do not touch headlamp housing or bulb during or immediately after use. Maintain air flow over light during use.

1. To operate: Press the power switch (F) to turn on the light.
2. Press and hold the power switch for 1.5 seconds to turn off the light.

