

Installation Instructions for ZRG-2000-1 ReflectGuard G Style

**ReflectGuard™**

- High visibility rescue hook light
- Stabilizes an empty hook
- Batteries are replaceable on the wing
- Uses standard 9 volt Batteries
- Two colors for signaling
- Water resistant
- Shock resistant

Shown on a Goodrich Style Hook

Installation Instructions for ReflectGuard ZRG-2000-1 for the G Style Hook**Description:**

- The unit is sealed against water intrusion; however if the ReflectGuard is completely immersed in water, it should be taken apart, inspected, and the battery connectors dried if necessary.
- The ReflectGuard can be installed with the buttons facing down or up. The recommended position is with the buttons facing downwards.
- The batteries can be removed and replaced with the ReflectGuard attached to the hook assembly on the aircraft.

Installation Instructions for ZRG-2000-1 ReflectGuard G Style

Installation Procedures

Internal Hoist Installation



External Hoist Installation

- 1) Remove the (4) screws and separate the two halves of the ReflectGuard. Note that the lower and upper halves are joined by the two wires, which may be unplugged if necessary.



- 2) Remove the batteries from their cavities, by removing the four screws, two covers and two gaskets.



Installation Instructions for ZRG-2000-1 ReflectGuard G Style

- 3) Remove the hook assembly from the rescue hoist cable using the manufacturer's directions.
- 4) For externally mounted Goodrich style hook assemblies:
 - Place the bumper assembly lower side down through the half of the ReflectGuard with push buttons
 - Rotate the other half and lower it over the top of the assembly and carefully bring the two halves together while insuring the wires are nested in the groove and the gasket is in place.
- 4) Install the (4) screws provided and tighten securely.
- 5) Reattach the hook to the rescue hoist cable as per the manufacturer's directions.
- 6) Insert the batteries by making the connectors as shown.



- 7) Place the batteries into there cavities as shown



- 8) Place the wires into the cavities as shown

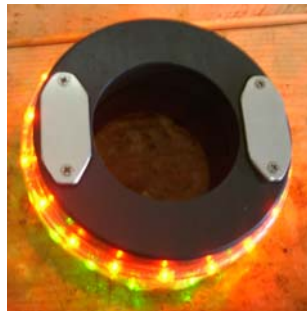


Installation Instructions for ZRG-2000-1 ReflectGuard G Style

9) Then install the cover and gaskets as shown



10) Check the operation of the lights.



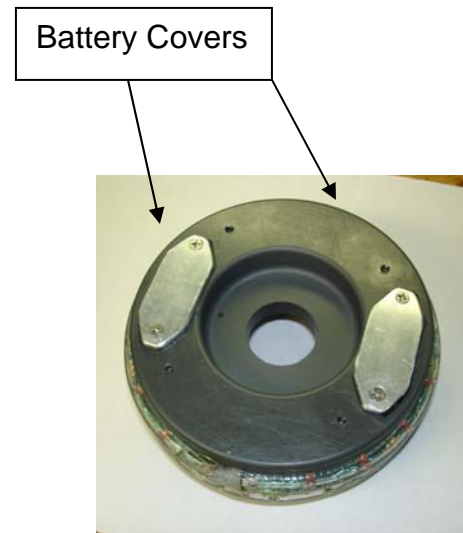
11) It is very important to tighten all screws securely and to inspect the screws to verify their security before each flight.

Note: For internally mounted Goodrich style hook assemblies. Follow the instruction the same as above except the push buttons **must** face downwards when the assembly is installed.

Installation Instructions for ZRG-2000-1 ReflectGuard G Style

Battery Replacement

- 1) Payout enough wire rope to allow working on the ReflectGuard
- 2) Remove the battery covers
- 3) Install new batteries
- 4) Insure wires are tucked into the battery cavities.
- 5) Reattach the battery covers and insure screws are tight.
- 6) Check the operation of the lights
- 7) Retract the wire rope



The unit is sealed against water intrusion; however if the ReflectGuard is completely immersed in water, it should be taken apart, inspected, and the battery connectors dried if necessary.