

Please retain these installation instructions for future reference.

SNOW GLOW®

“SNOW GLOW®” LED RUNNING BOARD LIGHT KIT

PATENT NUMBER # 5,598,065 TRADEMARK # 1946028

Thank you for purchasing the NEW and IMPROVED *Snow Glow® Running Board Kit*. We have made every effort to ensure high quality, long lasting, custom lighting for your snowmobile. Your *Snow Glow® Running Board Kit* is made with pride in the U.S.A. If you should need any assistance; please feel free to contact us at (218) 390-8519. Please read all of the following instructions before attempting to install your *Snow Glow® Running Board Kit*. If you do not feel comfortable installing your kit after reading all of the instructions, please leave your installation to a qualified snowmobile dealer or shop.

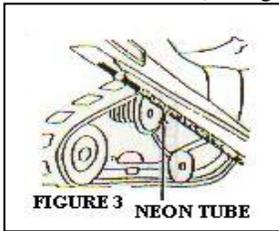
EACH KIT CONTAINS:

- 2 - LED Light Tubes
- 12 - Tie Wraps
- 1 - Battery Harness

- 5 - Button Connectors (yellow) 1 extra
- 1 - Toggle Switch with wiring harness
- 6 - Mounting Clamps, Nuts, Bolts and Washers

MOUNTING THE LED TUBES:

The recommended mounting position for your tubes is under the running boards, close to the track side, about one inch from the “L” bend in tunnel. (See fig. 3).



You must use three clamps (one clamp as close to the center of the tube as possible) when mounting tubes in this position to keep heat exchanger ice from breaking off and pushing out on the tubes. Mounting near the outer edge of the running boards is only recommended for the older Polaris water-cooled machines with heat exchanger under the running boards.

Rotate your LED Light Tube so the light is shining away from your sled and slightly down. The LED have a 120 Degree light angle so do not point the directly down. The more you can point them to the side the farther your light pattern will be on the snow.

It is recommended that you adjust your lights before tightening any clamps, in a dark area to get the optimal lighting pattern for your liking.

Snowmobiles show excessive flexing on the outside edge of the running boards and mounting there is NOT advisable. DO NOT mount on the outer edge as the tubes will break!

After choosing your location, slip mounting clamps over tubes and mark holes to be drilled. Drill ¼-inch holes and mount with nuts and bolts provided. The clamps should hold tubes in the middle of the black end-caps and the center of light tube, utilizing all three clamps per light tube. Mount the end clamps first and the middle clamp last. This will help to keep the light tubes straight. The straighter the light tube, the more shock they can withstand. Watch as your tighten; use two wrenches to keep clamp from twisting. You may need to drill a 1/4-inch hole in front of the tubes, under the foot rest to route these wires together. Try to keep the distance from the front of the tube to the hole you drill for routing of your wires to under 2 inches. Your hole should be located in the engine compartment just in front of the footrest on most models. Use a high quality silicone to secure, cover and protect the wires from the hole you drilled to their entry into the front of the tubes. This will protect the wires from abrasion and snagging.

INSTALLING THE TOGGLE SWITCH HARNESS:

Locate an unobstructed area for mounting your on/off toggle switch. Drill a 7/16-inch hole and mount switch. There are three

power wires coming from the harness. The two long wires (Each with a black and a red wire) should be routed to each side of the engine compartment and hooked one to each tube. Match the wire colors and use the provided yellow button connectors...two for each side. The third power wire is a short wire with a white connector. Do not confuse this with the plug for the power source. Use the third wire to power your vent light kit, a side light kit or both. If powering both, a splitter will be provided in your kit.

WIRING THE LIGHTS TO THE TOGGLE SWITCH HARNESS:

The toggle switch harness has two separate lines coming off of it.

Route these lines to the Running Board Tubes. Connect the red wire on each side to the red wire on the tube using the provided button connectors. Insert each wire fully into the connector without stripping the insulation off. Visually check to ensure the wire is inserted fully. Once confirmed, depress the colored button with a pliers to make connection. Each connector is filled with silicone to help waterproof and seal your connection. Repeat for the black wire connections and for each side. Use the yellow button connectors. You must squeeze hard for a secure connection!

HOOKING UP YOUR POWER SOURCE:

Locate our battery harness (red & black wires together with a PIN connector on one end and two eyelet connectors on the other end). Plug the PIN Connector into the open PIN Connector on the switch harness. Carefully route the battery harness to the battery.

IMPORTANT! Connect the red wire to the positive (+) side of the battery. Connect the black wire to the negative (-) side of the battery. Do not cross these connections as damage will result.

INSTALLATION TIPS:

- Lay your entire Snow Glow® System out on the snowmobile to ensure that that all the wiring is understood and correct lengths.
- Use tie wraps or electrical tape to keep all wiring away from hot & moving parts.
- Wires running through drilled holes should have the holes de-burred and silicone should be used over the holes to keep the wire from shorting.
- Tube wires should go through the routing holes to the wire harness about an inch in front of the light tubes and cover with silicone to protect the wires going through the hole and to cover the exposed wire to protect from snagging and abrasion. This prevents icing and stress to the wires.