

Please retain these installation instructions for future reference.

“SNOW GLOWS®” LED SIDE/VENT LIGHT KIT

PATENT NUMBER # 5,598,065 TRADEMARKS # 1946028

Thank you for purchasing the NEW *Snow Glow® LED LIGHT KIT*. We have made every effort to ensure high quality, long lasting, custom lighting for your snowmobile. Your *Snow Glow® LED 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® Light 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 Modules Side and/or	12 - Tie Wraps per set of lights
2 – LED Modules Vent	1 - Wire Harness per set of lights
1 – Splitter if needed	3 – Red button connectors set of lights (1 Extra)
1 –Wire Schematic	

MOUNTING THE LEDs:

Your mounting locations of the LED’s can vary from machine to machine. The following is a general guideline and may be modified based on make, year and model of snowmobile. For the light strips use the adhesive backed tape to mount, ensuring you clean the area well will rubbing alcohol to remove grease and grime. It is also recommended you warm the mounting area on your sled with a hair dryer to ensure proper adhesion is made. You may mount your side lights in numerous locations; we recommend mounting 1 LED module in each ski well, above the ski on each side of the snowmobile if possible, so the light shines down, and that you first tape the modules in place and light with a 12 volt battery to check for an optimum light pattern. Once satisfied with the proposed mounting position carefully drill a wire routing hole using a 1/8” drill bit. Repeat process for drilling and mounting of second module on opposite side. **Always clean the area well and attach the LED with the adhesive backing once you have the optimal location for your light. TIP – Apply heat with a hair drier to mounting location for better adhesion being careful not to overheat and warp or melt.**

INSTALLING THE TOGGLE SWITCH HARNESS:

If you have installed a main wire harness please skip to “Wiring the LED Modules t the Toggle Switch Harness”, if not follow these mounting instructions. 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.

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.

WIRING THE LED MODULES TO THE TOGGLE SWITCH HARNESS:

The provided wiring harness plugs directly into the existing Snow Glow running board kit harness. You will be wiring both of the LED modules into the 3-way button connectors. (An extension wire will be provided to extend the wires from one of the LEDs. Connect the red wire from the harness to both of the red wires from the LED Modules. Your button connector will accept all three wires. Your wires going into this connection will be all red!!! Insert each wire fully into the connector without stripping the insulation off. Visually check to ensure the wire is inserted fully (Look at the backside). Once confirmed, depress colored button with a pliers to make connection. Press hard to ensure a good connection. Each connector is filled with silicon to help waterproof and seal your connection. Repeat for the black wire connection. Tuck all wires and tie-wrap where necessary. Be careful of potential wire damage caused by heat or moving parts when routing. Turn on your toggle switch and your lights should be operational. In the case you have both a Side Light Kit and a Vent Light Kit a splitter will be provided to provide power to each.

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.
- Drilled holes should be de-burred and silicone should be used over the holes to keep the wire from shorting.
- Keep wires exposed to the underside of the sled as short as possible to eliminate snag hazards.